



# 2013 Product Catalogue



**Nilfisk**  
**ALTO**  
works for you

## Agriculture



Agriculture places the most demanding requirements on people and equipment. From pig farmers to wine producers - we offer the right solution for every task.

We combine tailored stationary systems for farm buildings and storage facilities with mobile units for machinery, outdoor spaces, court yards, machine pools or produce.

From pressure washers to vacuum systems and floor care equipment be it mobile or stationary we can offer a product to meet your every cleaning requirement - with sufficient power to handle the job.

## Automotive



We can offer a unique solution to each customer. Whether it is a van, lorry, car or bus, garage floors, showrooms or parking lots, whether you are a fleet manager, into vehicle sales or a maintenance company - we ensure the desired cleanliness.

Our diverse range of solutions directly support your economic goals as well. Securing value retention or shorting down cleaning times, reducing maintenance costs and consistently increasing profits.

## Building & Construction



Each day in the building and construction sector presents demanding cleaning challenges.

Construction of a new building or renovating an old requires the highest performance solutions. Professional products with extra power against even the toughest dirt.

Strong and sturdy high pressure washers and wet/dry vacuum cleaners supported with powerful sweepers for areas of all sizes and shapes.

## Manufacturing & Warehouseing



As manufacturer we understand the wide variety of cleaning applications that need to be considered in the this area.

The industry places the highest demands on reliability, safety and productivity - and we can meet these demands.

Production floors, machinery, warehousing, customer areas, parking lots and offices require constant attention.







**Works  
for you**

## We are your partner on the job

We work dedicated to deliver you the right solution and to improve your productivity - all based on our in-depth knowledge of your needs, challenges and daily working environment, that is why our solutions works for you!

### Global Service & Support

You are guaranteed a dedicated service and support... whenever and wherever you need it! Our global service centers are ready to solve your problems, and keep your machine efficient and reliable, so that you maximize your uptime.

### Increase your productivity

We are committed to improve your productivity, by offering you site reviews, application advice and cost analysis so that you can focus on doing your job.

### "Green" solutions

We develop cleaning solutions that provide you efficiency while using less energy, less water and less detergent - we call it green meets clean. Read more about how we care for the environment on page 9.

### Ease to use & Maintain

We focus continuously on improving the usability and serviceability of our products. I.e. our EasyClean feature can reduce your maintenance costs as it only takes a technician a few minutes to access your machine.

### 100 years of R&D

With more than 100 years of experience from within the cleaning industry you are sure to get quality products within High Pressure Washers, Vacuum Cleaners and Floor Care Equipment, that are constantly being renewed and improved.

### Ergonomic design

Ergonomics is an important parameter in our product development, why we are proud to have been awarded the IF Design for Ergonomics multiple times for our high level of user friendliness with special focus on reducing operator fatigue.

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A construction worker wearing a red hard hat, a blue and white checkered shirt, and blue overalls is using a long metal rod to work on the interior of a brick building under construction. The worker is standing on a dirt floor, and a black hose is visible on the ground. The background shows brick walls, metal support poles, and a window looking out onto a residential area with a red-tiled roof. A white curved shape in the top right corner contains the text.

**Your problem  
is our solution**



## There are cheaper pressure washers, but can you afford them?



POSEIDON 2 PORTABLE  
🔧 22



POSEIDON 2-22  
🔧 23



POSEIDON 2  
🔧 24



POSEIDON 3  
🔧 25



POSEIDON 4  
🔧 26



POSEIDON 5  
🔧 28



POSEIDON 6  
🔧 31



POSEIDON 7  
🔧 32



POSEIDON 8  
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NEPTUNE 1  
🔧 34



NEPTUNE 2  
🔧 35



NEPTUNE 2 SPECIAL  
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NEPTUNE 4 FA/FAX  
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NEPTUNE 5 FA/FAX  
🔧 38



NEPTUNE 7 FA/FAX  
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NEPTUNE E  
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POSEIDON PE  
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POSEIDON DE  
🔧 43



NEPTUNE PE  
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NEPTUNE DE  
🔧 45



ALPHA BOOSTER 3  
🔧 47



ALPHA BOOSTER 5  
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ALPHA BOOSTER 8  
🔧 49



UNO BOOSTER  
🔧 50



DUO BOOSTER  
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DELTA BOOSTER  
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SOLAR BOOSTER D  
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SOLAR BOOSTER G  
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NEPTUNE SB  
🔧 56



TRUCK BOOSTER  
🔧 57



AUTO BOOSTER  
🔧 58



MULTICLEANER 7-53  
🔧 59



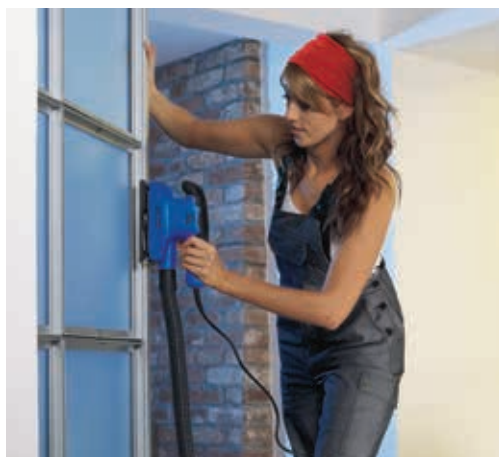
MERLION  
🔧 60



MERMAID  
🔧 61



Efficiency, don't take our word for it - test it!



SO 4500  
118

SV 8000  
119

SDV 4500  
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SDV 8000  
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SALTIX 10  
106

MAXXI WD 3/7 DUO  
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AERO 20/25  
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ATTIX 30  
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ATTIX 40 INOX  
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ATTIX 40-0H PC TYPE 22  
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# Bigger than you think, but smaller than you expect!



HOME CLEANER  
152



TW 300 / TW 300 CAR  
152



SCRUBTEC 233  
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SCRUBTEC 234 C  
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SCRUBTEC 337  
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SCRUBTEC 343.2  
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SCRUBTEC 553  
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SCRUBTEC 651  
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SCRUBTEC 653  
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SCRUBTEC 661  
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SCRUBTEC 8  
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SCRUBTEC R 4  
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SCRUBTEC R 6  
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SCRUBTEC BOOST 8  
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SCRUBTEC BOOST R 4  
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FLOORTEC 480 M  
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BK 900  
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FLOORTEC 350  
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FLOORTEC 560  
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FLOORTEC R 360  
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FLOORTEC R 670  
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FLOORTEC R 680  
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SPINTEC 443  
182



SPINTEC 551 UH  
183





**We make  
sure that you  
can work  
sustainable**

## Corporate responsibility at Nilfisk-ALTO

We are committed to the highest level of Corporate Responsibility – enabling you to deliver on your promises in a long-term and sustainable manner. That is why:

- 
- We lower your total cost of operation and maximise your return on investment by developing productive, easy-to-use and reliable products with improved environmental performance – using less energy, less water and less detergent.
  - We enhance your capacity to perform sustainable cleaning and create lasting value for your customers, employees and owners. In 2011, 71% of all Nilfisk-Advance products launch featured environmental improvements.
- 
- You can rely on us in the long run as we are a proud member of the United Nations Global Compact and the Carbon Disclosure Project.
  - In 2011 45% of the plastic material used in our products were recyclable compared to only 32% in 2010.
- 
- We focus on our own internal consumption of resources and work actively to lower our carbon footprint. Our European and Asian production facilities are all certified under ISO 14001 Environmental Management System, and we collect detailed figures and monitor all emissions deriving from our company.

We believe that responsibility begins with our own behaviour when we design, manufacture and distribute our products. We take a leading position in this behaviour, and we call it 'Green meets clean'.

**green  
meets  
clean**

Now you don't  
have to choose  
between  
agility and  
efficiency





# Productivity and experience that works for you

Nilfisk-ALTO has based its professional range of high pressure washers on 50 years of experience of cleaning. This knowledge and experience is focused on working for you to increase productivity and reduce lifetime costs of your pressure washer. Our objective – to reduce the cost of cleaning, whatever the application and area of business.



## Research & Development

Nilfisk-ALTO maintains an established and experienced R&D center in Hadsund, Denmark where new product ideas and technologies are developed and tested, always inspired by the need to reduce cleaning time, labor, effort and environmental impact linked to our pressure washers. The German and Danish origins of the brand provide a formidable technical foundation to build on and ensure that tomorrow's pressure washers offer low running costs.

## Quality Production

Our production site in Nagykanizsa, Hungary has been classed both ISO 9001 and ISO 14001, reflecting the stringent quality procedures and the environmentally aware production facility. In past years, investment in quality and auditing procedures and equipment have been increased considerably – reflecting the commitment of the company towards providing reliable and durable products to our customers and thus reducing maintenance costs. These quality procedures includes:

- 100% inspection of critical components
- Military standard sampling and audit procedures established with suppliers
- Constant quality inspection throughout the production line
- 4 different test and audit points throughout the production line
- 100% testing of all finished goods
- Long term testing of sampled goods
- Out of box auditing from every production batch

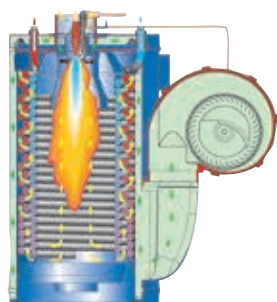


## Reduced Complexity

Nilfisk-ALTO is committed to reducing the complexity of the product range and of business. For 10 years, product development has succeeded in reducing the number of different parts across the range, sharing spare parts across several product families in order to reduce the complexity of maintenance and logistics. Similarly, products are developed to be simple to understand and use – striving to make the user's life easier.

# A customer-focused technical background

Irrespective of whether the user is considering a commercial, entry-level cold water unit or an industrial class hot water machine, the technical features of each machine have been designed to give additional benefits in the relevant applications. The different feature levels of our pressure washers clearly place Nilfisk-ALTO as a leading developer and producer of high pressure equipment.



## High efficiency EcoBoilers

Nilfisk-ALTO was the first supplier of high pressure washers to integrate revolutionary high efficiency boilers in hot water pressure washers in line with European legislation. Efficiency levels are still amongst the highest on the market – ranging between 92 and 93%. The double pass, labyrinth coil system ensures that Nilfisk-ALTO can offer high outlet water temperatures at low running cost. A double saving for the user! Low fuel consumption saves money – but higher water temperatures also reduce cleaning time: and thus overall cost in terms of water, fuel, electricity and labor.

As with any high pressure washer heating system, the EcoPower boiler possesses a natural Eco Mode. Simply set the thermostat to 60°C as opposed to full power. Fuel consumption is reduced by as much as 20%. Water temperature will naturally be limited – as will the consumption of fuel. Ideal for applications where high temperatures are not required – such as car cleaning.

### Safety levels are unique for standard boilers with 4 significant safety features:

- Flame sensor standard in order to ensure that a flame is indeed present when fuel is injected into the burning tube.
- Exhaust gas temperature sensor: disconnects the heating system in cases of anomaly in the temperature of the exhaust gas before the coil is damaged – for example in cases where the coil is clogged by scale.
- Flow sensor safety – ensures the boiler is only running when water is present in the coil.
- Low fuel safety – ensures that the boiler will only run when there is fuel in the fuel tank, thus preventing damage to fuel pump caused by dry-run.



## QuickService and EasyClean

Nilfisk-ALTO also aims at working for our service network and ensuring optimal productivity and serviceability here. As for all mechanical equipment, regular maintenance prolongs the life of a pressure washer. This maintenance should be done in optimal conditions – easy, intuitive with a reduction in down time and cost to the user.

The EcoPower boiler can be removed from the machine in approximately 6 minutes – even for the large premium class model with 48 m of steel coil. The service crane allows 1 person to remove and clean the coil in record time and with minimum physical effort. The cleaned coil will then retain its efficiency and be a further source of cost savings.

Access to parts is facilitated by easy to open cabinets and easy to reach core components. Time spent on maintaining pump valves, seals and other wear parts can thus be kept to a minimum.

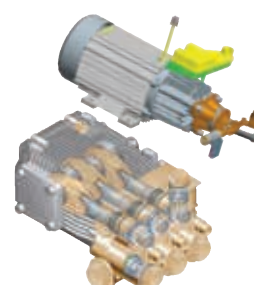


## Reliable and Durable Pumps

The majority of our pumps are reinforced wobble disc pumps using only quality and corrosion free materials such as brass pump heads. The pumps offer long working life and ease of maintenance. Our industrial class pumps are capable of running on sea water and also on high temperature water.

### Efficient and service free motors with start stop system.

Our air-cooled 4 pole (1450 rpm) or 2 pole (2800 rpm) motors are both maintenance free and efficient ensuring the reduction of energy waste during use. Our automatic start stop systems – whether immediate or time delayed – ensure that the motor is not running during pauses in use – neither consuming energy, nor producing noise when not needed. Motors are all equipped with thermal protection.



## Ergonomic Accessories

Traditional Danish design has always focused on optimizing ergonomics and ease of use. Nilfisk-ALTO accessories are no exception. The Ergo 2000 spray gun has been proven and recognized as requiring the lowest amount of physical effort to use – thus reducing strain, tiredness and even repetitive injury. Nilfisk-ALTO design is not just about saving money.... we also focus on the user's health and well-being.



## Intelligent Service Control

The high end hot water models are equipped with Intelligent Service Control function – a diagnostics system that indicates any anomalies due to failure, wear and tear to the user, enabling him to take direct action or direct contact to our service network. Immediate identification of the issue can mean a reduction in service costs and downtime.



## Flow Activated Control System

Many of the medium and premium class hot and cold water models are equipped with flow activated hydraulic control technology. This solution leaves the pump head, hose and spray gun depressurized during standby mode. As a result, handling of hose and gun is easier and safer. Re-start of the machine is softer with no sudden recoil of gun and lance. Finally, the pressure washers is protected from motor start stops caused by leaks in pump, hose, gun or piping systems – ensuring longer life and reliability.

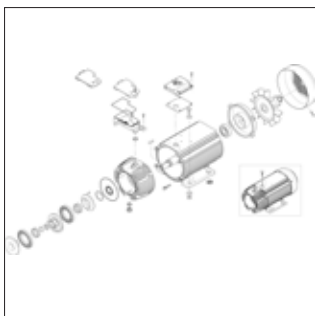


# Premium class, long-life pumps

Nilfisk-ALTO is renowned for the long-life C3 pump, the core premium class pump in the range with more than 20 years use in some of the most extreme conditions in the market. Nilfisk-ALTO now adds a further high class pump to its range in the form of the NA6 pump of which the design is inspired by the success of the C3.

## The new NA6 range of pumps brings significant customer benefits:

- Wide range of performances up to 250 bar and up to 1600 l/h for solving cleaning tasks in a wide range of customer areas.
- High inlet water temperature up to 80°C meaning that the pump can be run with hot water, even on a cold water machine, thus increasing cleaning effect and reducing cost of cleaning.
- Long-life C3-type construction with double roller bearings, 4 ceramic pistons, steel valves and reinforced brass pump head. During development test, pumps were run for almost 10.000 hours with pistons travelling the equivalent of 1½ time around the world! Real power and durability.
- Flow Activated control system for pressure relieved standby mode – additional comfort and motor protection against leaks.
- 4 pole (1450 rpm) air cooled and efficient motor with thermal protection.



Large, double roller bearing system on wobble disc with needle bearings as on C3 pump ensures long lifetime and reliability of the core pump system.



Pump oil sight and oil tank with integrated low pump oil safety cut out. Maintenance is simplified and the machine is protected against running the pump without oil, ensuring longer service life.



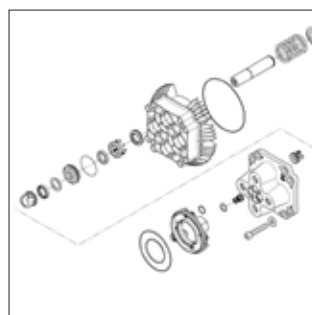
High efficiency stainless steel inlet and outlet valves. A Flow Activated unloader system for optimal comfort in use. Includes water flow regulation and detergent injection valve.



Solid ceramic piston sleeves with polished piston head. Low wear surface, hardened material and excellent resistance to temperature change increase the service life of the pump and allow use of hot water.



Reinforced brass pump head, efficiently formed to add strength around critical areas and thus increase lifetime.



Double seal system (primary and secondary seals) with intermediate chamber and evacuation channel to suction side of pump ensure that any leaks are re-circulated, increases time between services and prevents blockage of pistons due to wear of primary seals. Bronze back up rings for long lifetime.



# EcoPower Boilers

Nilfisk-ALTO innovated in the area of high efficiency and environmentally friendly boiler systems, setting new standards on the market in line with the tightest European legislation.

Focus is on providing users with a mix of high heating power, high outlet water temperature even at full water flow, reduced fuel consumption, cost and low pollution levels. The user of an EcoPower boiler thus saves money in several ways – lower fuel costs and reduced cleaning time through hotter water – whilst fully respecting the environment. EcoPower boilers offer efficiency levels of up to 92-93% and heating power up to a staggering 115 kW capable of generating high temperatures even at full water flow – a unique combination that really works for you!

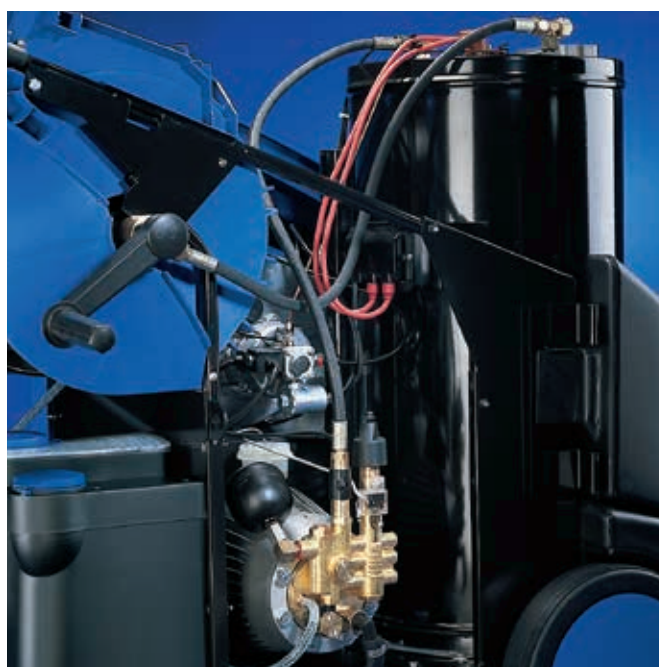
**Service life of the coil can be prolonged in cases of aggressive water conditions by use of special protective chemicals:**

- Protection against hard water conditions by use of AntiStone scaling protection agent.  
Prevents clogging of the coil caused by the buildup of lime scale deposit on the coil walls.
- Descaling of a coil clogged up by lime scale using Stone Ex.
- Protection of steel coils against aggressive, acidic soft water conditions by Machine Protector.

Alternatively, stainless steel coils can be mounted for these extreme conditions.

Duo Motor system for ventilator fan.  
A separate motor for the ventilator fan means that the fan will always provide air to the boiler system, even if the machine has been connected with inversed phases by mistake. In addition, key components such as fan and fuel pump will then only be in operation in hot water mode, avoiding unnecessary wear and tear and prolonging the service life.

Exhaust gas temperature sensor  
– safe running of the boiler.



Double-pass, oxidation free and robust coil with patented spacer system between inner and outer coils to ensure optimal contact between hot air in burner tube and coil surface, offering greater efficiency and reduced fuel consumption.

Interchangeable bottom plate in refractory material for optimal channeling of heat inside the boiler.

Flame Sensor as standard  
– safe running of the boiler

Burner head with optimized flame tube to create efficient flame form and avoid contact between flames and coil which would cause sooting and loss of efficiency.

Inlet and Outlet on the top of the boiler for easy access and quick service. No need to lie under the machine to release the coil from its fittings.

# POSEIDON – a range of high pressure washers that works for you in every circumstance

Whatever your need, whatever your application, Nilfisk-ALTO will be able to provide you with a POSEIDON to accomplish your cleaning task quickly and efficiently and at low running cost.





# Ideal for building & construction, agriculture, rental, industry and food industry

The COMPACT range of **POSEIDON 2 and 3** models are lightweight units designed for the most basic commercial cleaning tasks by craftsmen, tradesmen and around small farms. Robust and durable pumps for low intensity or infrequent use.



The **POSEIDON 4** is a robust, semi industrial cold water cleaner with 4 pole motor and ceramic coated pistons making it ideal for more intense use for general cleaning tasks in most environments. Compact and ergonomic, it is easily transported from site to site.

The new **POSEIDON 5** combines robustness, ergonomics, serviceability and pure cleaning power for extended use in tough environments.

**POSEIDON 5-41 PA / XT and 5-53 PA / XT** are medium duty cold water high pressure washers for you who only need simple high pressure cleaning.



**POSEIDON 5-56 PA-FA / XT and 5-62 PA / XT** are medium duty cold water high pressure washers with additional features for wider applications and more mobility.



The **POSEIDON 8** is the ideal partner for applications requiring considerable cleaning power and water flow combined with a rugged and simple steel frame – perfect for agriculture, construction and transport.



The premium range of **POSEIDON 6 and 7** are in a class of their own with long-life, 4 piston pumps, hot inlet water capacity and extended lifetime making them ideal for the longest, toughest industrial applications.

**POSEIDON 6 FA and 7 FA** are heavy duty cold water high pressure washers for the most intense uses and for wide applications.



**POSEIDON 6 FFA and 7 FFA** models are equipped with a stainless steel, non rusting frame and grey, non marking wheels and hose to protect the working environment.



The **POSEIDON 7 FBFA** food industry model includes an additional water break tank and external detergent injector ensuring full separation from the water network and the possibility to apply foam or special detergents.

# The NEPTUNE line – constant hot water innovation

The NEPTUNE line was the first hot water range to implement an EcoPower boiler system with higher efficiency, reduced emissions and fuel costs. A system that since has been copied.

The **NEPTUNE 1, 2 and 2 SPECIAL** entry level compact hot water units combine ground breaking design with efficient performance, low emission and reduced running costs. Ideal for craftsmen and small garages, the vertical design gives a reduced footprint and makes transport and storage easier. The EcoPower boiler continues to give fuel savings in comparison to many other models on the market. Whether it is a single or a three phase machine, the NEPTUNE 1, 2 and 2 SPECIAL offer great cleaning efficiency.



NEPTUNE 1



NEPTUNE 2



NEPTUNE 2 SPECIAL



NEPTUNE 4



NEPTUNE 5

The **NEPTUNE 4 and 5** are both powerful and robust medium range units. Whether the need is for a more compact machine such as the NEPTUNE 4, or a more powerful and feature-packed NEPTUNE 5, optimal handling, cleaning efficiency, low emission, and low running costs are still part of the package. The NEPTUNE 4 and 5 are equipped with the new NA5H pump, slow running motor and unique flow activated unloader system for even more improved user comfort.

The **NEPTUNE 7** combines award-winning design, 4 piston pump technology and a hugely powerful EcoPower boiler system to offer some of the best performances on the market. Now equipped with the unique flow unloader system FA it is an ideal unit for heavy duty industrial use.

In addition to these core models, Nilfisk-ALTO also offers the high flow **NEPTUNE 8** – a full range, whatever the application. And at last, **NEPTUNE E**, is adapted for use in the food industry or hazardous areas and benefits from many of the same features as the NEPTUNE 5, including WDK dual chemical system, robust steel chassis and frame.



NEPTUNE 7



NEPTUNE 8



NEPTUNE E

# The ideal solution for fixed cleaning applications – optimal cleaning – optimal profits

You may be interested in maintaining hygiene levels in a slaughter-house, kitchen or processing plant. You may be interested in degreasing metal components at an industrial site.....



DELTA BOOSTER



SOLAR BOOSTER DIESEL

Nilfisk-ALTO has the most complete range of stationary solutions on the market and is an ideal and trustworthy partner for your installation projects. We do not simply provide a standard product, but can modify it to your specific needs.

Machines can easily be installed in any location around the site. A carefully planned and optimised piping system will then ensure that you can easily and quickly clean at any area of your installation. Stationary units offer numerous advantages. For example, the units are pre-set for your own individual needs. You do not need to modify the settings, reducing the risk of error and reducing necessary training time.

There is no need to transport machines from one end of the site to the other or to purchase several mobile machines to fulfill all your cleaning tasks. By placing an outlet, hose a lance, or an accessory, at each cleaning point provide that each user can be operational in seconds, reducing preparation time and labour costs.

Nilfisk-ALTO offers a full line of products for self service applications. The result is lower running costs, shorter down time, reliability... cleaning efficiency for your clients and greater profits for you.

The coin-operated **NEPTUNE SB** is a standard high-pressure cleaner permitting conversion into a coinoperated high-pressure cleaner in a few easy stages and is also ideally suited as a pre-wash unit, for example in coin-operated car washes.

The **TRUCK BOOSTER** is the ideal outdoor stationary pressure washer for use in haulage companies, fleet parks or for cleaning of animal transport vehicles near slaughterhouses.

The **AUTO BOOSTER** draws on the new stationary pressure washer concept and technology, to guarantee reliable, low cost and efficient cleaning performance, offering you a real money-maker. Low running costs and space requirements.



NEPTUNE SB



TRUCK BOOSTER



AUTO BOOSTER



# Get your stable cleaned while you sleep!

The MULTICLEANER 7-53 can take over the majority of heavy, trivial and time-consuming manual work in pig stalls where it assures efficient and profitable cleaning at any time of the day or night. Reducing manual high pressure cleaning by up to 80%. The remaining 20% is also made much easier thanks to excellent soaking.

The use of the **MULTICLEANER 7-53** can lead to significant reductions in labour costs, power and water consumption (depending on the nature of current manual cleaning solution). Savings of up to 40% on weekly cleaning costs can be achieved. Machine and cleaning technique were developed in close collaboration with professional pig breeders, for whom quality standards and strict stall hygiene are paramount.

**MULTICLEANER 7-53** can be used in most existing pig units without modifications to structure or stalls. It does not require any extra installation as long as water and electricity are available. It is easy to transport and set up, operation is simple and cleaning is effective. Programming is performed on an operating panel using simple yes or no questions in the course of about 30 seconds.



## Independent of electrical power and normal water sources



POSEIDON PE



NEPTUNE DE

**Petrol and diesel** powered cold or hot water pressure washers offer the big advantage of being totally independent of electrical power sources – and even of normal water sources – making them highly flexible.

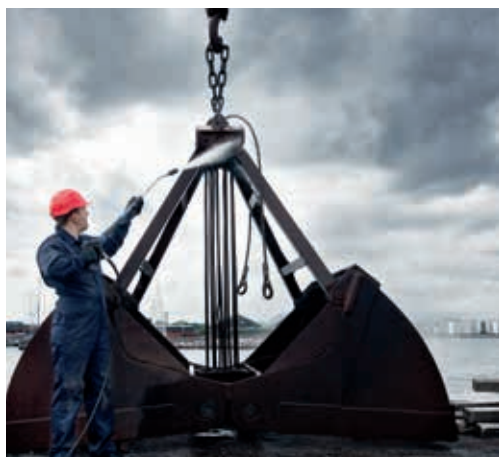
Powered by a petrol or diesel engine and capable of drawing water from a tank, river or well, they are the ideal solution for cleaning agricultural or construction materials in the middle of a field or building site.

A great combination of high functionality and maximum convenience, technical perfection and robust design. The ideal solution for all cleaning jobs, customised, efficient and economical.





# POSEIDON 2 PORTABLE – Compact mobile cold water

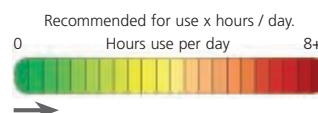


## Tough performance for construction and trade

- Compact design
- Brass cylinder head
- Steel protective bar
- Ergo accessory concept

◀ The POSEIDON 2 PORTABLE is a robust cold water unit for low intensity, routine cleaning tasks. Designed for customers often transporting the unit. A steel protection bar protects against shocks. Excellent cleaning and professional spray equipment.

The quality of the brass cylinder head offer the machine a longer working life and reduces service costs. ▶



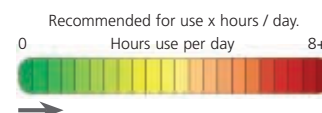
| TECHNICAL DATA                                      | POSEIDON<br>2-24 PORTABLE | POSEIDON<br>2-26 PORTABLE |
|-----------------------------------------------------|---------------------------|---------------------------|
| Pump pressure (bar/MPa)                             | 100/10                    | 140/14                    |
| Cleaning impact (kg/force)                          | 2.4                       | 2.6                       |
| Water flow Q <sub>max</sub> /Q <sub>IEC</sub> (l/h) | 650/600                   | 610/540                   |
| Max. inlet temperature (°C)                         | 50                        | 50                        |
| Pump (RPM)                                          | 2800                      | 2800                      |
| Dimensions L x W x H (mm)                           | 555 x 290 x 275           | 555 x 290 x 275           |
| Weight (kg)                                         | 24                        | 26                        |
| Power consumption (kW)                              | 2.2                       | 3.0                       |
| Voltage/phase/frequency/current (V/~/Hz/A)          | 230/1/50/10               | 230/1/50/13               |
| El cable (m)                                        | 5                         | 5                         |
| Nozzle size                                         | 0500                      | 0350                      |
| <b>FEATURES</b>                                     |                           |                           |
| Pistons / number of pistons                         | Stainless / 3             | Stainless / 3             |
| Automatic start/stop                                | ●                         | ●                         |
| <b>STANDARD EQUIPMENT</b>                           |                           |                           |
| HP hose (DN8)                                       | 1405569 [10 m]            | 1405569 [10 m]            |
| Ergo 2000 gun with swivel                           | 106403122                 | 106403122                 |
| Ergo coupling                                       | 101119496                 | 101119496                 |
| Water inlet coupling*                               | 32541                     | 32541                     |
| FlexoPower Plus lance without HP nozzle             | 106402282                 | 106402282                 |
| Tornado Plus nozzle                                 | 101119741                 | 101119736                 |
| ITEM NO.                                            | 106174751                 | 106174761                 |





◀ The POSEIDON 2-22 range is destined for low intensity use and routine cleaning tasks. They offer excellent cleaning performance, professional spray equipment, good storage facilities and handling.

The POSEIDON 2 mobile units associates a high level of ergonomics with cleaning power. Superior for low intensity everyday cleaning. XT-model with hose reel.



## Ideal for everyday cleaning work

- Compact design
- Axial pump
- Ergo accessory concept
- Adjustable handle



| TECHNICAL DATA                                      | POSEIDON 2-22 T  | POSEIDON 2-22 XT |
|-----------------------------------------------------|------------------|------------------|
| Pump pressure (bar/MPa)                             | 120/12           | 120/12           |
| Cleaning impact (kg/force)                          | 2.2              | 2.2              |
| Water flow Q <sub>max</sub> /Q <sub>IEC</sub> (l/h) | 520/470          | 520/470          |
| Max. inlet temperature (°C)                         | 60               | 60               |
| Pump (RPM)                                          | 2800             | 2800             |
| Dimensions L x W x H (mm)                           | 394 x 391 x 955  | 394 x 391 x 955  |
| Weight (kg)                                         | 27.1             | 28.1             |
| Power consumption (kW)                              | 2.3              | 2.3              |
| Voltage/phase/frequency/current (V~/Hz/A)           | 230/1/50/10      | 230/1/50/10      |
| El cable (m)                                        | 5                | 5                |
| Suction height dry (m)                              | 0.5              | 0.5              |
| Nozzle size                                         | 0350             | 0350             |
| <b>FEATURES</b>                                     |                  |                  |
| Pistons / number of pistons                         | Stainless / 3    | Stainless / 3    |
| Automatic start/stop                                | ●                | ●                |
| Flow regulation                                     | ●                | ●                |
| Additional hose                                     |                  | ●                |
| Rotary jet lance                                    | ●                | ●                |
| Detergent injector hose and doser                   | ●                | ●                |
| Detergent tank, 2 l                                 | ●                | ●                |
| Hose reel                                           |                  | ●                |
| <b>STANDARD EQUIPMENT</b>                           |                  |                  |
| HP hose (DN6)                                       | 301002275 [10 m] | 101406176 [15 m] |
| Ergo 2000 gun with swivel                           | 106403122        | 106403122        |
| Ergo coupling                                       | 101119496        | 101119496        |
| Water inlet coupling*                               | 32541            | 32541            |
| FlexoPower Plus lance without HP nozzle             | 106402282        | 106402282        |
| TurboHammer Plus lance with HP nozzle               | 106403001        | 106403001        |
| Tornado Plus nozzle                                 | 101119736        | 101119736        |
| ITEM NO.                                            | 128470180        | 128470136        |

## POSEIDON 2 – Compact mobile cold water



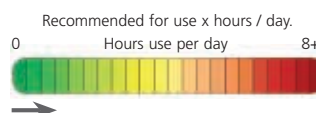
◀ These compact cold water units are for low intensity use and routine cleaning tasks. They offer excellent cleaning performance, professional spray equipment, good storage facilities and handling.

▶ The POSEIDON 2 line comprises models designed for routine semi-professional use mainly by tradesmen, on small construction sites or for rentals. The mobile unit associates a high level of ergonomics with cleaning power.



### Ideal for everyday cleaning work

- Ergonomic and compact design
- Ergo accessory concept
- For frequent use
- Axial pump
- Brass cylinder head
- Removable integrated detergent tank
- Steel armed hose



| TECHNICAL DATA                             | POSEIDON<br>2-25 XT | POSEIDON<br>2-29   | POSEIDON<br>2-29 XT |
|--------------------------------------------|---------------------|--------------------|---------------------|
| Pump pressure (bar/MPa)                    | 140/14              | 160/16             | 160/16              |
| Cleaning impact (kg/force)                 | 2.5                 | 2.9                | 2.9                 |
| Water flow Qmax/Qiec (l/h)                 | 610/540             | 600/570            | 600/570             |
| Max. inlet temperature (°C)                | 60                  | 60                 | 60                  |
| Pump (RPM)                                 | 2800                | 2800               | 2800                |
| Dimensions L x W x H (mm)                  | 394 x 391 x 955     | 394 x 391 x 955    | 394 x 391 x 955     |
| Weight (kg)                                | 28.1                | 27.1               | 28.1                |
| Power consumption (kW)                     | 2.9                 | 3.3                | 3.3                 |
| Voltage/phase/frequency/current (V/~/Hz/A) | 230/1/50/12.6       | 230/1/50/14.5      | 230/1/50/14.5       |
| El cable (m)                               | 5                   | 5                  | 5                   |
| Suction height dry (m)                     | 0.5                 | 0.5                | 0.5                 |
| Nozzle size                                | 0370                | 0370               | 0370                |
| <b>FEATURES</b>                            |                     |                    |                     |
| Pistons / number of pistons                | Stainless / 3       | Ceramic coated / 3 | Ceramic coated / 3  |
| Automatic start/stop                       | ●                   | ●                  | ●                   |
| Flow regulation                            | ●                   | ●                  | ●                   |
| Additional hose and rotary jet lance       | ●                   |                    | ●                   |
| Detergent injector hose and doser          | ●                   | ●                  | ●                   |
| Detergent tank (l)                         | 2                   | 2                  | 2                   |
| Hose reel                                  | ●                   |                    | ●                   |
| <b>STANDARD EQUIPMENT</b>                  |                     |                    |                     |
| HP hose (DN6)                              | 101406176 [15 m]    | 301002275 [10 m]   | 101406176 [15 m]    |
| Ergo 2000 gun with swivel                  | 106403122           | 106403122          | 106403122           |
| Ergo coupling                              | 101119496           | 101119496          | 101119496           |
| Water inlet coupling*                      | 32541               | 32541              | 32541               |
| FlexoPower Plus lance without HP nozzle    | 106402282           | 106402282          | 106402282           |
| TurboHammer Plus lance with HP nozzle      | 106403002           |                    | 106403002           |
| Tornado Plus nozzle                        | 101119737           | 101119737          | 101119737           |
| ITEM NO.                                   | 128470135           | 128470140          | 128470138           |



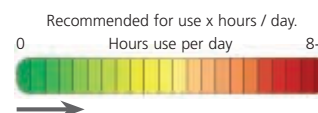
◀ Designed for routine use by tradesmen, small construction sites, hobby and dairy farms or rentals.

The POSEIDON 3 is a real semi-professional model using professional spray equipment for professional applications.



## Powerful and compact

- Ergonomic and compact design
- Axial pump
- Powerful and long lasting
- Ergo accessory concept



| TECHNICAL DATA                             | POSEIDON 3-30    | POSEIDON 3-30 XT | POSEIDON 3-40    | POSEIDON 3-40 XT |
|--------------------------------------------|------------------|------------------|------------------|------------------|
| Pump pressure (bar/MPa)                    | 150/15           | 150/15           | 170/17           | 170/17           |
| Cleaning impact (kg/force)                 | 3.0              | 3.0              | 4.0              | 4.0              |
| Water flow Qmax/Qiec (l/h)                 | 660/600          | 660/600          | 830/750          | 830/750          |
| Max. inlet temperature (°C)                | 60               | 60               | 60               | 60               |
| Pump (RPM)                                 | 2800             | 2800             | 2800             | 2800             |
| Dimensions L x W x H (mm)                  | 400 x 400 x 1020 | 400 x 400 x 1020 | 400 x 400 x 1020 | 400 x 400 x 1020 |
| Weight (kg)                                | 35               | 38               | 35               | 36               |
| Power consumption (kW)                     | 3.4              | 3.4              | 4.2              | 4.2              |
| Voltage/phase/frequency/current (V/~/Hz/A) | 230/1/50/15.1    | 230/1/50/15.1    | 400/3/50/8.5     | 400/3/50/8.5     |
| El cable (m)                               | 5                | 5                | 5                | 5                |
| Suction height dry (m)                     | 0.5              | 0.5              | 0.5              | 0.5              |
| Nozzle size                                | 0400             | 0400             | 0450             | 0450             |
| <b>FEATURES</b>                            |                  |                  |                  |                  |
| Pistons / number of pistons                | Stainless / 3    | Stainless / 3    | Stainless / 3    | Stainless / 3    |
| Automatic start/stop                       | ●                | ●                | ●                | ●                |
| Additional hose and rotary jet lance       |                  | ●                |                  | ●                |
| Detergent injector hose and doser          | ●                | ●                | ●                | ●                |
| Hose reel                                  |                  | ●                |                  | ●                |
| <b>STANDARD EQUIPMENT</b>                  |                  |                  |                  |                  |
| HP hose (DN6)                              | 301002275 [10 m] | 101406176 [15 m] | 301002275 [10 m] | 101406176 [15 m] |
| Ergo 2000 gun with swivel                  | 106403122        | 106403122        | 106403122        | 106403122        |
| Ergo coupling                              | 101119496        | 101119496        | 101119496        | 101119496        |
| Water inlet coupling*                      | 32541            | 32541            | 32541            | 32541            |
| Hose reel                                  |                  | 301002343        |                  | 301002343        |
| FlexoPower Plus lance without HP nozzle    | 106402281        | 106402281        | 106402281        | 106402281        |
| TurboHammer Plus lance with HP nozzle      |                  | 106403002        |                  | 106402290        |
| Tornado Plus nozzle                        | 101119738        | 101119738        | 101119740        | 101119740        |
| ITEM NO.                                   | 301002200        | 301002201        | 301002221        | 301002222        |



## POSEIDON 4 – Medium mobile cold water



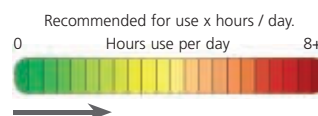
◀ The first model in the mid-range cold water segment, tough and reliable and adapted for more intense applications. Offering excellent cleaning performance, professional spray equipment, an industrial quality 1450 rpm motor. For use in small and medium sized agricultural sites or for craftsmen and trade.

Two lance holders make frequent swapping between lances when cleaning quick and easy.



### Small and compact – yet powerful and efficient

- Axial wobble disc pump
- Brass cylinder head
- Reduced sound level
- Ergonomic design
- Ergonomic accessory concept



| TECHNICAL DATA                             | POSEIDON 4-28      | POSEIDON 4-28 XT   | POSEIDON 4-30      | POSEIDON 4-30 XT   | POSEIDON 4-36      | POSEIDON 4-36 XT   |
|--------------------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Pump pressure (bar/MPa)                    | 140/14             | 140/14             | 160/16             | 160/16             | 160/16             | 160/16             |
| Cleaning impact (kg/force)                 | 2.8                | 2.8                | 3.0                | 3.0                | 3.6                | 3.6                |
| Water flow Qmax/Qiec (l/h)                 | 660/600            | 660/600            | 620/560            | 620/560            | 760/700            | 760/700            |
| Max. inlet temperature (°C)                | 60                 | 60                 | 60                 | 60                 | 60                 | 60                 |
| Pump (RPM)                                 | 1450               | 1450               | 1450               | 1450               | 1450               | 1450               |
| Dimensions L x W x H (mm)                  | 450 x 380 x 1030   | 450 x 380 x 1030   | 450 x 380 x 1030   | 450 x 380 x 1030   | 450 x 380 x 1030   | 450 x 380 x 1030   |
| Weight (kg)                                | 37                 | 40                 | 37                 | 40                 | 37                 | 40                 |
| Power consumption (kW)                     | 3.2                | 3.2                | 3.3                | 3.3                | 4.2                | 4.2                |
| Voltage/phase/frequency/current (V/~/Hz/A) | 230/1/50/13        | 230/1/50/13        | 230/1/50/15        | 230/1/50/15        | 400/3/50/7.6       | 400/3/50/7.6       |
| El cable (m)                               | 5                  | 5                  | 5                  | 5                  | 5                  | 5                  |
| Suction height dry, primed (m)             | 1.0                | 1.0                | 0.5                | 0.5                | 0.5                | 0.5                |
| Nozzle size                                | 0400               | 0400               | 0350               | 0350               | 0450               | 0450               |
| FEATURES                                   |                    |                    |                    |                    |                    |                    |
| Pistons / number of pistons                | Ceramic coated / 3 | Ceramic coated / 3 | Ceramic coated / 3 | Ceramic coated / 3 | Ceramic coated / 3 | Ceramic coated / 3 |
| Automatic start/stop                       | ●                  | ●                  | ●                  | ●                  | ●                  | ●                  |
| Additional hose and rotary jet lance       |                    | ●                  |                    | ●                  |                    | ●                  |
| Detergent tank (l)                         |                    |                    | 4                  | 4                  | 4                  | 4                  |
| Hose reel                                  |                    | ●                  |                    | ●                  |                    | ●                  |
| STANDARD EQUIPMENT                         |                    |                    |                    |                    |                    |                    |
| HP hose (DN6)                              | 301002275 [10 m]   | 101406176 [15 m]   | 301002275 [10 m]   | 101406176 [15 m]   | 301002275 [10 m]   | 101406176 [15 m]   |
| Ergo 2000 gun with swivel                  | 106403122          | 106403122          | 106403122          | 106403122          | 106403122          | 106403123 (VP)     |
| Ergo coupling                              | 101119496          | 101119496          | 101119496          | 101119496          | 101119496          | 101119496          |
| Water inlet coupling*                      | 32541              | 32541              | 32541              | 32541              | 32541              | 32541              |
| Hose reel                                  |                    | 301002701          |                    | 301002701          |                    | 301002701          |
| FlexoPower Plus lance without HP nozzle    | 106402281          | 106402281          | 106402281          | 106402281          | 106402281          | 106402281          |
| TurboHammer Plus lance with HP nozzle      |                    | 106403002          |                    | 106403001          |                    | 106402290          |
| Detergent tank                             |                    |                    | 301002751          | 301002751          | 301002751          | 301002751          |
| Tornado Plus nozzle                        | 101119738          | 101119738          | 101119736          | 101119736          | 101119740          | 101119740          |
| ITEM NO.                                   | 301002900          | 301002902          | 301002904          | 301002910          | 301002914          | 301002918          |



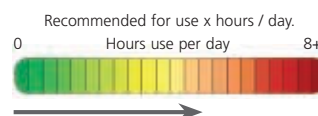


# POSEIDON 5-41 & 5-53 PA – Medium mobile cold water



◀ The POSEIDON 5 PA-FA mid range cold water pressure washers are the most versatile partners for demanding customers in agriculture, industry, construction and automotive. We have succeeded in combining an unmatched level of mobility and ease of use with unbeatable robustness, optimal service concept and great storage features.

The foldable handle reduces the storage or transport space needed in a vehicle or workshop. A vertical position for the handle gives optimum balance for lifting with a crane.



## Your most versatile partner

- High and low pressure adjustment at lance
- Stable and robust front foot
- Tough and sturdy design with 30 mm steel frame
- Foldable handle and easy lifting points
- Easy accessibility to pump, optimal service concept
- Ergonomic accessory concept



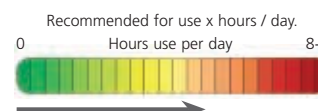
| TECHNICAL DATA                            | POSEIDON<br>5-41 PA    | POSEIDON<br>5-41 PAXT  | POSEIDON<br>5-53 PA    | POSEIDON<br>5-53 PAXT  |
|-------------------------------------------|------------------------|------------------------|------------------------|------------------------|
| Pump pressure (bar/MPa)                   | 180/18                 | 180/18                 | 200/20                 | 200/20                 |
| Cleaning impact (kg/force)                | 4.1                    | 4.1                    | 5.3                    | 5.3                    |
| Water flow Qmax/Qiec (l/h)                | 840/760                | 840/760                | 1000/940               | 1000/940               |
| Max. inlet temperature (°C)               | 60                     | 60                     | 60                     | 60                     |
| Pump (RPM)                                | 1450                   | 1450                   | 1450                   | 1450                   |
| Dimensions L x W x H (mm)                 | 735 x 570 x 1020       | 890 x 570 x 1020       | 735 x 570 x 1020       | 890 x 570 x 1020       |
| Weight (kg)                               | 66                     | 72                     | 71                     | 76                     |
| Power consumption (kW)                    | 4.8                    | 4.8                    | 6.1                    | 6.1                    |
| Voltage/phase/frequency/current (V~/Hz/A) | 400/3/50/8.5           | 400/3/50/8.5           | 400/3/50/11.4          | 400/3/50/11.4          |
| El cable (m)                              | 5                      | 5                      | 5                      | 5                      |
| Suction height dry (m)                    | 1                      | 1                      | 1                      | 1                      |
| Nozzle size                               | 0400                   | 0400                   | 0500                   | 0500                   |
| <b>FEATURES</b>                           |                        |                        |                        |                        |
| Pistons / number of pistons               | Ceramic / 3            | Ceramic / 3            | Ceramic / 3            | Ceramic / 3            |
| Automatic start/stop                      | ●                      | ●                      | ●                      | ●                      |
| Additional hose and rotary jet lance      |                        | ●                      |                        | ●                      |
| Hose reel                                 |                        | ●                      |                        | ●                      |
| <b>STANDARD EQUIPMENT</b>                 |                        |                        |                        |                        |
| HP hose                                   | 301002275 [DN6 x 10 m] | 101406176 [DN6 x 15 m] | 301002275 [DN6 x 10 m] | 101406176 [DN6 x 15 m] |
| Ergo 2000 gun with swivel                 | 106403122              | 106403122              | 106403122              | 106403122              |
| Ergo coupling                             | 101119496              | 101119496              | 101119496              | 101119496              |
| Water inlet coupling*                     | 61369                  | 61369                  | 61369                  | 61369                  |
| Hose reel                                 |                        | 106403143              |                        | 106403143              |
| FlexoPower Plus lance without HP nozzle   | 106402280              | 106402280              | 106402280              | 106402280              |
| TurboHammer Plus lance with HP nozzle     |                        | 106403002              |                        | 106403003              |
| Tornado Plus nozzle                       | 101119738              | 101119738              | 101119741              | 101119741              |
| ITEM NO.                                  | 107146705              | 107146708              | 107146727              | 107146728              |





◀ The large, wide rear wheels give excellent ground clearance and great maneuverability even over tough ground. The front castor wheel also allows optimal maneuverability over even ground.

The POSEIDON line is easy to lift thanks to the clear manual lifting points, reducing the strain for easy loading into a vehicle.



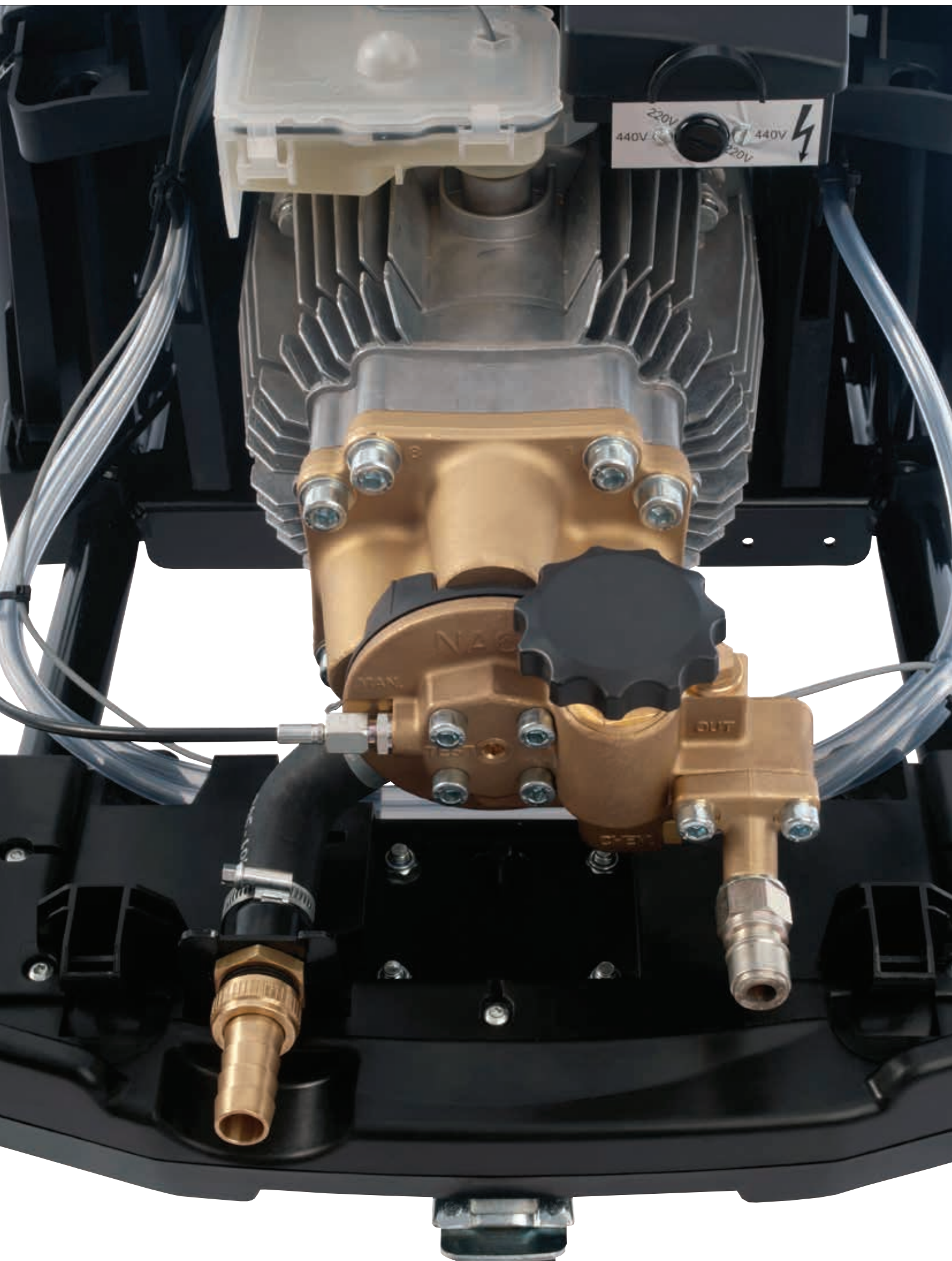
## You can always trust your POSEIDON 5

- High and Low Pressure adjustment at lance
- Water flow regulation
- 2 way detergent valve
- Front castor wheel with brake for additional mobility
- Tough and sturdy design with 30 mm steel frame
- Foldable handle and easy lifting points
- Easy accessibility to pump, optimal service concept
- Ergonomic accessory concept



| TECHNICAL DATA                            | POSEIDON 5-56 PA       | POSEIDON 5-56 FA       | POSEIDON 5-56 PAXT     | POSEIDON 5-62 PA       | POSEIDON 5-62 FA       | POSEIDON 5-62 PAXT     |
|-------------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| Pump pressure (bar/MPa)                   | 200/20                 | 200/20                 | 200/20                 | 220/22                 | 220/22                 | 220/22                 |
| Cleaning impact (kg/force)                | 5.6                    | 5.6                    | 5.6                    | 6.2                    | 6.2                    | 6.2                    |
| Water flow Qmax/Qiec (l/h)                | 1050/960               | 1050/960               | 1050/960               | 1130/1040              | 1130/1040              | 1130/1040              |
| Max. inlet temperature (°C)               | 60                     | 60                     | 60                     | 60                     | 60                     | 60                     |
| Pump (RPM)                                | 1450                   | 1450                   | 1450                   | 1450                   | 1450                   | 1450                   |
| Dimensions L x W x H (mm)                 | 735 x 570 x 1020       | 735 x 570 x 1020       | 890 x 570 x 1020       | 735 x 570 x 1020       | 735 x 570 x 1020       | 890 x 570 x 1020       |
| Weight (kg)                               | 73                     | 73                     | 78                     | 78                     | 79                     | 85                     |
| Power consumption (kW)                    | 6.1                    | 6.1                    | 6.1                    | 7.4                    | 7.4                    | 7.4                    |
| Voltage/phase/frequency/current (V~/Hz/A) | 400/3/50/11.4          | 400/3/50/11.4          | 400/3/50/11.4          | 400/3/50/13.3          | 400/3/50/13.3          | 400/3/50/13.3          |
| El cable (m)                              | 5                      | 5                      | 5                      | 5                      | 5                      | 5                      |
| Suction height dry (m)                    | 1                      | 1                      | 1                      | 1                      | 1                      | 1                      |
| Nozzle size                               | 0500                   | 0500                   | 0500                   | 0530                   | 0530                   | 0530                   |
| FEATURES                                  |                        |                        |                        |                        |                        |                        |
| Pistons / number of pistons               | Ceramic / 3            | Ceramic / 3            | Ceramic / 3            | Ceramic / 3            | Ceramic / 3            | Ceramic / 3            |
| Automatic start/stop                      | ●                      | ●                      | ●                      | ●                      | ●                      | ●                      |
| Additional hose and rotary jet lance      |                        |                        | ●                      |                        |                        | ●                      |
| Detergent tank (l)                        | 1 x 2.5                | 1 x 2.5                | 2 x 2.5                | 2 x 2.5                | 2 x 2.5                | 2 x 2.5                |
| Hose reel                                 |                        |                        | ●                      |                        |                        | ●                      |
| STANDARD EQUIPMENT                        |                        |                        |                        |                        |                        |                        |
| HP hose                                   | 101405770 [DN8 x 10 m] | 101405770 [DN8 x 10 m] | 301001100 [DN8 x 15 m] | 101405770 [DN8 x 10 m] | 101405770 [DN8 x 10 m] | 301001101 [DN8 x 20 m] |
| Ergo 2000 gun with swivel                 | 106403122              | 106403122              | 106403122              | 106403122              | 106403122              | 106403122              |
| Ergo coupling                             | 101119496              | 101119496              | 101119496              | 101119496              | 101119496              | 101119496              |
| Water inlet coupling*                     | 61369                  | 61369                  | 61369                  | 61369                  | 61369                  | 61369                  |
| Hose reel                                 |                        |                        | 106403143              |                        |                        | 106403143              |
| Tornado Plus lance without HP nozzle      | 106403010              | 106403010              | 106403010              | 106403010              | 106403010              | 106403010              |
| TurboHammer Plus lance with HP nozzle     |                        |                        | 106403003              |                        |                        | 106402292              |
| Tornado Plus nozzle                       | 101119741              | 101119741              | 101119741              | 101119742              | 101119742              | 101119742              |
| ITEM NO.                                  | 107146711              | 107146714              | 107146716              | 107146718              | 107146721              | 107146722              |

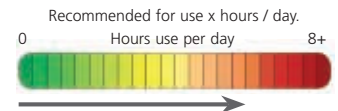
● Standard feature  
\* Universal brass coupling





◀ The POSEIDON 6 FA industrial class cold water pressure washers finally bring together unbeatable lifetime, high cleaning performance and optimal ergonomics for the most all-round and competitive range of heavy duty pressure washers for industry, agriculture, shipping, transport sector and food industry.

POSEIDON 6 FA is equipped with the new NA6 wobble disc pump. 4 ceramic pistons for intense use above 5 hours per day. Developed using industrial construction (double roller bearings), the NA6 pump is inspired by the traditional C3 pump and offers a max inlet temperature of 80°C, meaning that the POSEIDON 6 FA can be fed with hot water and used as a hot water pressure washer, thus reducing cleaning time in many applications!



## Performance, life-time and ergonomics

- NA6 4 ceramic piston pump with 80°C inlet temp
- Tough and sturdy design with 30 mm steel frame
- Foldable handle and easy lifting points
- High mobility with large rear wheels and front castor wheel with brake
- Easy accessibility to pump, optimal service concept
- Ergonomic accessory concept
- Flow activated control system
- Low pump oil safety function
- Water Flow regulation



| TECHNICAL DATA                             | POSEIDON<br>6-64 FA | POSEIDON<br>6-64 FAXT | POSEIDON<br>6-65 FA | POSEIDON<br>6-65 FAXT | POSEIDON<br>6-79 FA | POSEIDON<br>6-79 FAXT | POSEIDON<br>6-61 FFA |
|--------------------------------------------|---------------------|-----------------------|---------------------|-----------------------|---------------------|-----------------------|----------------------|
| Pump pressure (bar/MPa)                    | 250/25              | 250/25                | 180/18              | 180/18                | 170/17              | 170/17                | 100/10               |
| Cleaning impact (kg/force)                 | 6.4                 | 6.4                   | 6.5                 | 6.5                   | 7.9                 | 7.9                   | 6.1                  |
| Water flow Qmax/Qiec (l/h)                 | 1100/1010           | 1100/1010             | 1310/1200           | 1310/1200             | 1610/1500           | 1610/1500             | 1610/1500            |
| Max. inlet temperature (°C)                | 80                  | 80                    | 80                  | 80                    | 80                  | 80                    | 80                   |
| Pump (RPM)                                 | 1450                | 1450                  | 1450                | 1450                  | 1450                | 1450                  | 1450                 |
| Dimensions L x W x H (mm)                  | 775 x 570 x 1020    | 930 x 570 x 1020      | 775 x 570 x 1020    | 930 x 570 x 1020      | 775 x 570 x 1020    | 930 x 570 x 1020      | 775 x 570 x 1020     |
| Weight (kg)                                | 89                  | 96                    | 86                  | 93                    | 89                  | 96                    | 80                   |
| Power consumption (kW)                     | 8.5                 | 8.8                   | 7.4                 | 7.4                   | 8.8                 | 9.0                   | 5.7                  |
| Voltage/phase/frequency/current (V/~/Hz/A) | 400/3/50/15         | 400/3/50/15.5         | 400/3/50/14.5       | 400/3/50/14.5         | 400/3/50/16         | 400/3/50/16           | 400/3/50/10          |
| El cable (m)                               | 8                   | 8                     | 8                   | 8                     | 8                   | 8                     | 8                    |
| Suction height dry (m)                     | 1                   | 1                     | 1                   | 1                     | 1                   | 1                     | 1                    |
| Nozzle size                                | 0475                | 0475                  | 0700                | 0700                  | 0950                | 0950                  | 1300                 |
| <b>FEATURES</b>                            |                     |                       |                     |                       |                     |                       |                      |
| Pistons / number of pistons                | Ceramic / 4         | Ceramic / 4           | Ceramic / 4         | Ceramic / 4           | Ceramic / 4         | Ceramic / 4           | Ceramic / 4          |
| Automatic start/stop                       | ●                   | ●                     | ●                   | ●                     | ●                   | ●                     | ●                    |
| Additional hose and rotary jet lance       |                     | ●                     |                     | ●                     |                     | ●                     |                      |
| Detergent tank (l)                         | 2 x 2.5             | 2 x 2.5               | 2 x 2.5             | 2 x 2.5               | 2 x 2.5             | 2 x 2.5               | 2 x 2.5              |
| Hose reel                                  |                     | ●                     |                     | ●                     |                     | ●                     |                      |
| <b>STANDARD EQUIPMENT</b>                  |                     |                       |                     |                       |                     |                       |                      |
| HP hose (DN10)                             | 6101766 [10 m]      | 1402064 [15 m]        | 6101766 [10 m]      | 1402064 [15 m]        | 6101766 [10 m]      | 1402064 [15 m]        | 6101767 [10 m]       |
| Ergo 2000 gun with swivel                  | 106403122           | 106403122             | 106403122           | 106403122             | 106403122           | 106402190**           | 106403122            |
| Ergo coupling                              | 101119496           | 101119496             | 101119496           | 101119496             | 101119496           | 101119496             | 101119496            |
| Water inlet coupling*                      | 61369               | 61369                 | 61369               | 61369                 | 61369               | 61369                 | 61369                |
| Hose reel                                  |                     | 106403143             |                     | 106403143             |                     | 106403143             |                      |
| Tornado Plus lance without HP nozzle       | 106403010           | 106403010             | 106403010           | 106403010             | 106403010           | 106403010             | 106403010            |
| TurboHammer Plus lance with HP nozzle      |                     | 106402291             |                     | 106402294             |                     | 106403078             |                      |
| Tornado Plus nozzle                        | 301150005           | 301150005             | 101119748           | 101119748             | 101117655           | 101117655             | 10111960             |
| ITEM NO.                                   | 107146751           | 107146758             | 107146752           | 107146759             | 107146755           | 107146761             | 107146763            |

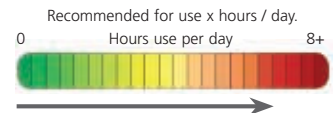


# POSEIDON 7 FA – Premium mobile cold water



◀ The POSEIDON 7 FA industrial class cold water high pressure washer combines the renowned lifetime and quality of the C3 pump with optimal ergonomics to bring an unbeatable heavy duty pressure washer for industry, agriculture, shipping, transport sector and food industry.

The POSEIDON 7 FA is equipped with the renowned, industrial class, C3 pump based on a tough 4 piston pump construction, double roller bearings, flow activated control system and 1450 rpm motor. Capable of accepting inlet water up to 85°C, the C3 pump has also been tested in the field using salt water: it is clearly up to even the most harsh uses. The result for you is better distribution of the workload in the pump, which reduce machine vibration and gives you a smoother performance.



## The ultimate industrial quality

- C3 4 ceramic piston pump with 85°C inlet temp
- Tough and sturdy design with 30 mm steel frame
- Foldable handle and easy lifting points
- High mobility with large rear wheels and front castor wheel with brake
- Easy accessibility to pump, optimal service concept
- Ergonomic accessory concept
- Flow activated control system
- Low pump oil safety function
- Water Flow regulation



| TECHNICAL DATA                             | POSEIDON<br>7-67 FA | POSEIDON<br>7-67 FAXT | POSEIDON<br>7-67 FFA | POSEIDON<br>7-67 FBFA |
|--------------------------------------------|---------------------|-----------------------|----------------------|-----------------------|
| Pump pressure (bar/MPa)                    | 195/19.5            | 195/19.5              | 195/19.5             | 195/19.5              |
| Cleaning impact (kg/force)                 | 6.7                 | 6.7                   | 6.7                  | 6.7                   |
| Water flow Qmax/Qiec (l/h)                 | 1280/1180           | 1280/1180             | 1280/1180            | 1280/1180             |
| Max. inlet temperature (°C)                | 85                  | 85                    | 85                   | 70                    |
| Pump (RPM)                                 | 1450                | 1450                  | 1450                 | 1450                  |
| Dimensions L x W x H (mm)                  | 775 x 570 x 1020    | 930 x 570 x 1020      | 775 x 570 x 1020     | 930 x 649 x 1020      |
| Weight (kg)                                | 89                  | 95                    | 89                   | 94                    |
| Power consumption (kW)                     | 8                   | 8                     | 8                    | 8                     |
| Voltage/phase/frequency/current (V~/Hz/A)  | 400/3/50/14         | 400/3/50/15           | 400/3/50/14          | 400/3/50/14           |
| El cable (m)                               | 8                   | 8                     | 8                    | 8                     |
| Suction height dry (m)                     | 1                   | 1                     | 1                    | 1                     |
| Nozzle size                                | 0680                | 0680                  | 0680                 | 0680                  |
| <b>FEATURES</b>                            |                     |                       |                      |                       |
| Pistons / number of pistons                | Ceramic / 4         | Ceramic / 4           | Ceramic / 4          | Ceramic / 4           |
| Automatic start/stop                       | ●                   | ●                     | ●                    | ●                     |
| Additional hose and rotary jet lance       |                     | ●                     |                      |                       |
| Detergent tank (l)                         | 2 x 2.5             | 2 x 2.5               | 2 x 2.5              | 2 x 2.5               |
| Water Brake Tank + Foam injector w/by-pass |                     |                       |                      | ●                     |
| Hose reel                                  |                     | ●                     |                      |                       |
| <b>STANDARD EQUIPMENT</b>                  |                     |                       |                      |                       |
| HP hose (DN10)                             | 6101766 [10 m]      | 1402064 [15 m]        | 6101767 [10 m]       | 6101767 [10 m]        |
| Ergo 2000 gun with swivel                  | 106403122           | 106403122             | 106403122            | 106403122             |
| Ergo coupling                              | 101119496           | 101119496             | 101119496            | 101119496             |
| Water inlet coupling*                      | 61369               | 61369                 | 61369                | 61369                 |
| Hose reel                                  |                     | 106403143             |                      |                       |
| Tornado Plus lance without HP nozzle       | 106403010           | 106403010             | 106403010            | 106403010             |
| TurboHammer Plus lance with HP nozzle      |                     | 106402294             |                      |                       |
| Tornado Plus nozzle                        | 101119747           | 101119747             | 101119747            | 101119747             |
| ITEM NO.                                   | 107146800           | 107146801             | 107146802            | 107146812             |



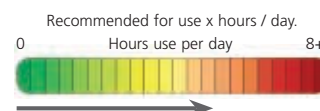
◀ The high power premium class line – combining high pressure and high water flow levels for routine cleaning in the agriculture, construction, food or transport industries. The POSEIDON 8 is a simple machine to use – quick to install, quick to change accessories and easy to move around. Available also in a stainless steel version.

Pressure levels of 160 to 180 bar and water flow of up to 2500 l/h depending upon the model means even ingrained dirt can be cut into or loose dirt flushed away, bringing working time down considerably. When using optional extra equipment the POSEIDON 8 can also be used by 2 people at the same time thanks to the high water flow.



## Optimal performance in a big tough package

- Large, wide pneumatic wheels
- 2 lance holders
- Parking brake
- Optional hose reel
- Ergo accessory concept
- HP hose 15 m
- Optional injector doser with suction hose



| TECHNICAL DATA                             | POSEIDON 8-111  | POSEIDON 8-111 ST | POSEIDON 8-125  | POSEIDON 8-125 ST |
|--------------------------------------------|-----------------|-------------------|-----------------|-------------------|
| Pump pressure (bar/MPa)                    | 180/18          | 180/18            | 160/18          | 160/16            |
| Cleaning impact (kg/force)                 | 11.1            | 11.1              | 12.5            | 12.5              |
| Water flow Qmax/Qiec (l/h)                 | 2100/2050       | 2100/2050         | 2500/2450       | 2500/2450         |
| Max. inlet temperature (°C)                | 50              | 50                | 50              | 50                |
| Pump (RPM)                                 | 1450            | 1450              | 1450            | 1450              |
| Dimensions L x W x H (mm)                  | 900 x 660 x 915 | 900 x 660 x 915   | 900 x 660 x 915 | 900 x 660 x 915   |
| Weight (kg)                                | 130             | 130               | 130             | 130               |
| Power consumption (kW)                     | 14              | 14                | 14.5            | 14.5              |
| Voltage/phase/frequency/current (V/~/Hz/A) | 400/3/50/24     | 400/3/50/24       | 400/3/50/24.9   | 400/3/50/24.9     |
| El cable (m)                               | 5               | 5                 | 5               | 5                 |
| Suction height dry/primed (m)              | 1.5/2.5         | 1.5/2.5           | 1.5/2.5         | 1.5/2.5           |
| Nozzle size                                | 1200            | 1200              | 1590            | 1590              |
| <b>FEATURES</b>                            |                 |                   |                 |                   |
| Pistons / number of pistons                | Ceramic / 3     | Ceramic / 3       | Ceramic / 3     | Ceramic / 3       |
| Stainless steel frame                      |                 | ●                 |                 | ●                 |
| Automatic start/stop                       | ●               | ●                 | ●               | ●                 |
| <b>STANDARD EQUIPMENT</b>                  |                 |                   |                 |                   |
| HP hose (15 m)                             | 1402064 [DN10]  | 1402064 [DN10]    | 4810213 [DN12]  | 4810213 [DN12]    |
| Ergo 2000 gun with swivel                  | 106403122       | 106403122         |                 |                   |
| Ergo 3000 gun with swivel                  |                 |                   | 106402190       | 106402190         |
| Ergo coupling                              | 101119496       | 101119496         | 101119496       | 101119496         |
| Water inlet coupling                       | 6577            | 6577              | 6577            | 6577              |
| Tornado Plus lance without HP nozzle       | 107403014       | 107403014         | 107403014       | 107403014         |
| Tornado Plus nozzle                        | 101119758       | 101119758         | 301150004       | 301150004         |
| ITEM NO.                                   | 301002534       | 301002618         | 301002535       | 301002619         |

## NEPTUNE 1 – Compact mobile hot water



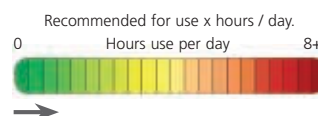
### Very mobile hot water machine, with a unique vertical design

- Low pressure detergent
- Duo motor system
- Exhaust gas sensor
- Manoeuvrable design
- Ergo accessory concept

◀ Designed for use by garages, car dealers, tradesmen and small construction companies.

Compact hot water unit with an innovative design – ideal for vehicles, trade and small-scale agriculture. Combines robust design with some of the traditional features of larger machines. Offers compactness, ease of storage, reliability and low running costs and is ideal for irregular and low intensity use.

The most service-intensive components are connected by simple plugs, making their servicing child's play. The service lamp will also indicate to the user when it is time to make regular maintenance on the product, ensuring longer working life.



| TECHNICAL DATA                            | NEPTUNE 1-22     |
|-------------------------------------------|------------------|
| Pump pressure (bar/MPa)                   | 110/11           |
| Cleaning impact (kg/force)                | 2.2              |
| Water flow Qmax/Qiec (l/h)                | 600/540          |
| Max. inlet temperature (°C)               | 40               |
| Pump (RPM)                                | 2800             |
| Water temperature (water/steam) (°C)      | 80/              |
| Fuel consumption, ΔT=45°C (kg/h)          | 2.4              |
| Fuel tank (l)                             | 17               |
| Dimensions L x W x H (mm)                 | 607 x 688 x 1000 |
| Weight (kg)                               | 94               |
| Power consumption (kW)                    | 2.8              |
| Voltage/phase/frequency/current (V~/Hz/A) | 230/1/50/12      |
| El cable (m)                              | 5                |
| Nozzle size                               | 0400             |
| <b>FEATURES</b>                           |                  |
| Pistons / number of pistons               | Stainless / 3    |
| Automatic start/stop                      | ●                |
| Flame sensor                              | ●                |
| Low fuel cut off                          | ●                |
| Detergent tank (l)                        | 5                |
| <b>STANDARD EQUIPMENT</b>                 |                  |
| HP hose (DN6)                             | 301002275 [10 m] |
| Ergo 2000 gun with swivel                 | 106403122        |
| Ergo coupling                             | 101119496        |
| Water inlet coupling*                     | 32541            |
| FlexoPower Plus lance without HP nozzle   | 106402281        |
| Tornado Plus nozzle                       | 101119738        |
| ITEM NO.                                  | 107145000        |



# NEPTUNE 2 – Compact mobile hot water



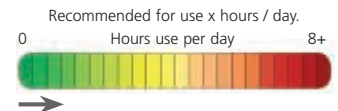
◀ Compact hot water unit with innovative design – ideal for vehicles, trade and small-scale agriculture. The NEPTUNE 2 series combines robust design with the traditional features of larger machines. EcoPower boiler, DuoMotor, flame sensor, low fuel sensor and ceramic pistons.

The vertical design of NEPTUNE 2 reduces machine footprint considerably, making storage and transport less of a problem. The ideally placed transport handle makes the product easy to push and pull. The NEPTUNE 2 will fit easily into the corner of a workshop, a commercial vehicle, or can even be hung conveniently on a wall, well out of harm's way.



## Ideal for everyday, low frequency cleaning tasks in many segments

- Brass cylinder head
- Pressure activated unloader
- Removable detergent tank
- Low running and maintenance costs
- Exhaust gas sensor
- Two lance holders
- Unbeatable ergonomics
- Low storage space and footprint
- Excellent cleaning performance
- Ergo accessory concept



| TECHNICAL DATA                            | NEPTUNE 2-26       | NEPTUNE 2-26 X     | NEPTUNE 2-33       | NEPTUNE 2-33 X     | NEPTUNE 2-41       | NEPTUNE 2-41 X     |
|-------------------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Pump pressure (bar/MPa)                   | 145/14.5           | 145/14.5           | 170/17             | 170/17             | 190/19             | 190/19             |
| Cleaning impact (kg/force)                | 2.6                | 2.6                | 3.3                | 3.3                | 4.1                | 4.1                |
| Water flow Qmax/Qieq (l/h)                | 600/530            | 600/530            | 690/630            | 690/630            | 780/730            | 780/730            |
| Max. inlet temperature (°C)               | 40                 | 40                 | 40                 | 40                 | 40                 | 40                 |
| Pump (RPM)                                | 2800               | 2800               | 2800               | 2800               | 2800               | 2800               |
| Water temperature (water/steam) (°C)      | 80/150             | 80/150             | 80/150             | 80/150             | 80/150             | 80/150             |
| Fuel consumption, ΔT=45°C (kg/h)          | 2.4                | 2.4                | 2.8                | 2.8                | 3.3                | 3.2                |
| Fuel tank (l)                             | 17                 | 17                 | 17                 | 17                 | 17                 | 17                 |
| Dimensions L x W x H (mm)                 | 607 x 688 x 1000   | 607 x 688 x 1071   | 607 x 688 x 1000   | 607 x 688 x 1071   | 607 x 688 x 1000   | 607 x 688 x 1071   |
| Weight (kg)                               | 110                | 112                | 110                | 112                | 110                | 112                |
| Power consumption (kW)                    | 3.4                | 3.4                | 4.1                | 4.1                | 5.1                | 5.1                |
| Voltage/phase/frequency/current (V~/Hz/A) | 230/1/50/14.5      | 230/1/50/14.5      | 400/3/50/8         | 400/3/50/8         | 400/3/50/9         | 400/3/50/9         |
| El cable (m)                              | 5                  | 5                  | 5                  | 5                  | 5                  | 5                  |
| Nozzle size                               | 0340               | 0340               | 0370               | 0370               | 0400               | 0400               |
| <b>FEATURES</b>                           |                    |                    |                    |                    |                    |                    |
| Pistons / number of pistons               | Ceramic coated / 3 | Ceramic coated / 3 | Ceramic coated / 3 | Ceramic coated / 3 | Ceramic coated / 3 | Ceramic coated / 3 |
| Automatic start/stop                      | ●                  | ●                  | ●                  | ●                  | ●                  | ●                  |
| Flame sensor                              | ●                  | ●                  | ●                  | ●                  | ●                  | ●                  |
| Low fuel cut off                          | ●                  | ●                  | ●                  | ●                  | ●                  | ●                  |
| Detergent tank (l)                        | 5                  | 5                  | 5                  | 5                  | 5                  | 5                  |
| Hose reel and extra hose                  |                    | ●                  |                    | ●                  |                    | ●                  |
| <b>STANDARD EQUIPMENT</b>                 |                    |                    |                    |                    |                    |                    |
| HP hose (DN6)                             | 301002275 [10 m]   | 101117763 [15 m]   | 301002275 [10 m]   | 101117763 [15 m]   | 301002275 [10 m]   | 101117763 [15 m]   |
| Ergo 2000 gun with swivel                 | 106403122          | 106403122          | 106403122          | 106403122          | 106403122          | 106403122          |
| Ergo coupling                             | 101119496          | 101119496          | 101119496          | 101119496          | 101119496          | 101119496          |
| Water inlet coupling*                     | 32541              | 32541              | 32541              | 32541              | 32541              | 32541              |
| Hose reel                                 |                    | 107145197          |                    | 107145197          |                    | 107145197          |
| Universal Plus lance without HP nozzle    | 106403036          | 106403036          | 106403036          | 106403036          | 106403036          | 106403036          |
| Tornado Plus nozzle                       | 101119735          | 101119735          | 101119737          | 101119737          | 101119738          | 101119738          |
| ITEM NO.                                  | 107145003          | 107145004          | 107145009          | 107145010          | 107145013          | 107145014          |

● Standard feature  
\* Gardena coupling

# NEPTUNE 2 SPECIAL – Compact mobile hot water



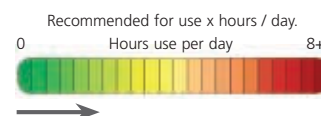
NEPTUNE 2 SPECIAL is equipped with a new strong 1450 rpm motor pump unit. This ensures longer lifetime together with low noise. Furthermore, the NEPTUNE 2 Special is produced with a pressure activated unloader, allowing a more flexible use of varying nozzle sizes.

The good level of serviceability also reduces maintenance cost and thus, overall cost of cleaning.



## Long lifetime reduce your overall cleaning costs

- Brass cylinder head
- Ceramic pistons
- Pressure activated unloader
- Removable detergent tank
- Service indicator
- Low fuel sensor
- Time delayed auto start/stop (20 sec) for extended motor reliability and for increased user comfort
- Ergo accessory concept



| TECHNICAL DATA                            | NEPTUNE 2-26 SPECIAL | NEPTUNE 2-26 X SPECIAL | NEPTUNE 2-30 SPECIAL | NEPTUNE 2-30 X SPECIAL |
|-------------------------------------------|----------------------|------------------------|----------------------|------------------------|
| Pump pressure (bar/MPa)                   | 140/14               | 140/14                 | 155/15.5             | 155/15.5               |
| Cleaning impact (kg/force)                | 2.6                  | 2.6                    | 3.0                  | 3.0                    |
| Water flow Qmax/Qiec (l/h)                | 600/560              | 600/560                | 660/600              | 660/600                |
| Max. inlet temperature (°C)               | 40                   | 40                     | 40                   | 40                     |
| Pump (RPM)                                | 1450                 | 1450                   | 1450                 | 1450                   |
| Water temperature (water/steam) (°C)      | 80                   | 80                     | 80                   | 80                     |
| Fuel consumption, ΔT=45°C (kg/h)          | 2.5                  | 2.5                    | 2.7                  | 2.7                    |
| Fuel tank (l)                             | 17                   | 17                     | 17                   | 17                     |
| Dimensions L x W x H (mm)                 | 607 x 688 x 1000     | 607 x 688 x 1071       | 607 x 688 x 1000     | 607 x 688 x 1071       |
| Weight (kg)                               | 97                   | 99                     | 97                   | 99                     |
| Power consumption (kW)                    | 3.4                  | 3.4                    | 3.8                  | 3.8                    |
| Voltage/phase/frequency/current (V~/Hz/A) | 230/1/50/14.5        | 230/1/50/14.5          | 400/3/50/8           | 400/3/50/8             |
| El cable (m)                              | 5                    | 5                      | 5                    | 5                      |
| Nozzle size                               | 0350                 | 0350                   | 0350                 | 0350                   |
| <b>FEATURES</b>                           |                      |                        |                      |                        |
| Pistons / number of pistons               | Ceramic / 3          | Ceramic / 3            | Ceramic / 3          | Ceramic / 3            |
| Automatic start/stop                      | ●                    | ●                      | ●                    | ●                      |
| Flame sensor                              | ●                    | ●                      | ●                    | ●                      |
| Low fuel cut off                          | ●                    | ●                      | ●                    | ●                      |
| Detergent tank (l)                        | 5                    | 5                      | 5                    | 5                      |
| Hose reel                                 |                      | ●                      |                      | ●                      |
| <b>STANDARD EQUIPMENT</b>                 |                      |                        |                      |                        |
| HP hose (DN6)                             | 301002275 [10 m]     | 101117763 [15 m]       | 301002275 [10 m]     | 101117763 [15 m]       |
| Ergo 2000 gun with swivel                 | 106403122            | 106403122              | 106403122            | 106403122              |
| Ergo coupling                             | 101119496            | 101119496              | 101119496            | 101119496              |
| Water inlet coupling*                     | 32541                | 32541                  | 32541                | 32541                  |
| Universal Plus lance without HP nozzle    | 106403036            | 106403036              | 106403036            | 106403036              |
| Tornado Plus nozzle                       | 101119736            | 101119736              | 101119736            | 101119736              |
| ITEM NO.                                  | 107145024            | 107145025              | 107145026            | 107145027              |

# NEPTUNE 4 FA – Medium mobile hot water



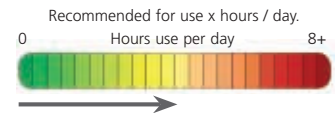
◀ NEPTUNE 4 FA delivers high performance, ease of use, low noise and high cleaning efficiency. The flow activated control system contributes to even more comfortable use, and assures durability and reliability. The EcoPower boiler offers >92% efficiency for significantly reduced fuel consumption and running costs.

When transport or storage are important, but maximum cleaning power and long lifetime are needed, the NEPTUNE 4 FA is the ideal solution. The NEPTUNE 4 FA line is ideal for users with routine, tough cleaning tasks, including vehicles, farming areas or equipment or within industrial environments.



## Offers you high productivity, easy and comfortable use

- EcoPower boiler with > 92% efficiency
- FA = Flow activated control system – reduced running costs
- NA5H pump
- Ergo accessory concept
- Including B.A Valve (Back Flow Preventer)
- Reduced air pollution
- QuickService concept reduces maintenance costs
- Steel frame and chassis
- Easy to move and transport



| TECHNICAL DATA                            | NEPTUNE<br>4-25 FAX | NEPTUNE<br>4-39 FAX | NEPTUNE<br>4-43 FAX | NEPTUNE<br>4-50 FA | NEPTUNE<br>4-50 FAX | NEPTUNE<br>4-55 FA | NEPTUNE<br>4-55 FAX |
|-------------------------------------------|---------------------|---------------------|---------------------|--------------------|---------------------|--------------------|---------------------|
| Pump pressure (bar/MPa)                   | 140/14              | 165/16.5            | 180/18              | 190/19             | 190/19              | 200/20             | 200/20              |
| Cleaning impact (kg/force)                | 2.5                 | 3.9                 | 4.3                 | 5.0                | 5.0                 | 5.5                | 5.5                 |
| Water flow Qmax/Qiec (l/h)                | 560/520             | 820/760             | 860/800             | 960/900            | 960/900             | 1010/960           | 1010/960            |
| Max. inlet temperature (°C)               | 40                  | 40                  | 40                  | 40                 | 40                  | 40                 | 40                  |
| Pump (RPM)                                | 1450                | 1450                | 1450                | 1450               | 1450                | 1450               | 1450                |
| Water temperature (water/steam) (°C)      | 90/150              | 90/150              | 90/150              | 90/150             | 90/150              | 90/150             | 90/150              |
| Fuel consumption, ΔT=45°C (kg/h)          | 2.3                 | 3.3                 | 3.5                 | 4.0                | 4.0                 | 4.2                | 4.2                 |
| Fuel tank (l)                             | 15                  | 15                  | 15                  | 15                 | 15                  | 15                 | 15                  |
| Dimensions L x W x H (mm)                 | 1053 x 685 x 760    | 1053 x 685 x 760    | 1053 x 685 x 760    | 1053 x 685 x 760   | 1053 x 685 x 760    | 1053 x 685 x 760   | 1053 x 685 x 760    |
| Weight (kg)                               | 136                 | 136                 | 136                 | 136                | 136                 | 141                | 141                 |
| Power consumption (kW)                    | 3.6                 | 4.7                 | 5.2                 | 6                  | 6.1                 | 6.3                | 6.4                 |
| Voltage/phase/frequency/current (V~/Hz/A) | 230/1/50/15.8       | 400/3/50/9.2        | 400/3/50/9.7        | 400/3/50/12.2      | 400/3/50/12.3       | 400/3/50/12.5      | 400/3/50/12.6       |
| El cable (m)                              | 5                   | 5                   | 5                   | 5                  | 5                   | 5                  | 5                   |
| Nozzle size                               | 0340                | 0450                | 0450                | 0500               | 0500                | 0500               | 0500                |
| <b>FEATURES</b>                           |                     |                     |                     |                    |                     |                    |                     |
| Pistons / number of pistons               | Ceramic / 3         | Ceramic / 3         | Ceramic / 3         | Ceramic / 3        | Ceramic / 3         | Ceramic / 3        | Ceramic / 3         |
| Automatic start/stop                      | ●                   | ●                   | ●                   | ●                  | ●                   | ●                  | ●                   |
| Flame sensor                              | ●                   | ●                   | ●                   | ●                  | ●                   | ●                  | ●                   |
| Additional hose                           | ●                   | ●                   | ●                   |                    | ●                   |                    | ●                   |
| Hose reel                                 | ●                   | ●                   | ●                   |                    | ●                   |                    | ●                   |
| <b>STANDARD EQUIPMENT</b>                 |                     |                     |                     |                    |                     |                    |                     |
| HP hose (DN8)                             | 301001100 [15 m]    | 301001100 [15 m]    | 301001100 [15 m]    | 101405770 [10 m]   | 301001100 [15 m]    | 101405770 [10 m]   | 301001100 [15 m]    |
| Ergo 2000 gun with swivel                 | 106403122           | 106403122           | 106403122           | 106403122          | 106403122           | 106403122          | 106403122           |
| Ergo coupling                             | 101119496           | 101119496           | 101119496           | 101119496          | 101119496           | 101119496          | 101119496           |
| Water inlet coupling*                     | 32541               | 32541               | 32541               | 32541              | 32541               | 32541              | 32541               |
| Hose reel                                 | 301001688           | 301001688           | 301001688           |                    | 301001688           |                    | 301001688           |
| Universal Plus lance without HP nozzle    | 106403033           | 106403033           | 106403033           |                    |                     |                    |                     |
| Tornado Plus lance without HP nozzle      |                     |                     |                     | 106403010          | 106403010           | 106403010          | 106403010           |
| Tornado Plus nozzle                       | 101119735           | 101119740           | 101119740           | 101119741          | 101119741           | 101119741          | 101119741           |
| ITEM NO.                                  | 107146608           | 107146600           | 107146601           | 107146602          | 107146611           | 107146614          | 107146615           |



# NEPTUNE 5 FA – Medium mobile hot water

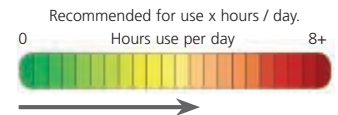


## High performance, ease of use, low noise and great cleaning efficiency

- EcoPower boiler with > 92% efficiency
- FA = Flow activated control system for reduced running costs
- Reduced air pollution
- Ergo accessory concept
- Including B.A Valve (Back Flow Preventer)
- QuickService concept reduces maintenance costs
- Brass cylinder head
- Efficient motor cooling
- Tough metal frame

◀ The NEPTUNE 5 FA series combine low running costs, ease of use, low sound and high cleaning efficiency. The flow activated control system offers great comfortable use and assures durability and reliability. The EcoPower boiler system offers >92% efficiency, significantly reduced fuel consumption and lower running costs.

The NEPTUNE 5 FA means faster cleaning combined with long service life, reducing overall cleaning costs. The NA5H wobble disc pump unit is not only robust and cost-effective – it is also quiet, making cleaning more comfortable. No compromise has been made on quality materials and lifetime.

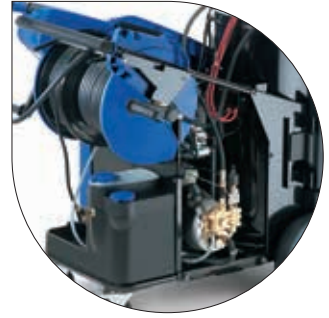


| TECHNICAL DATA                            | NEPTUNE 5-50 FA  | NEPTUNE 5-50 FAX | NEPTUNE 5-61 FA  | NEPTUNE 5-61 FAX |
|-------------------------------------------|------------------|------------------|------------------|------------------|
| Pump pressure (bar/MPa)                   | 190/19           | 190/19           | 210/21           | 210/21           |
| Cleaning impact (kg/force)                | 5.0              | 5.0              | 6.1              | 6.1              |
| Water flow Qmax/Qieq (l/h)                | 960/900          | 960/900          | 1110/1050        | 1110/1050        |
| Max. inlet temperature (°C)               | 40               | 40               | 40               | 40               |
| Pump (RPM)                                | 1450             | 1450             | 1450             | 1450             |
| Water temperature (water/steam) (°C)      | 90/150           | 90/150           | 90/150           | 90/150           |
| Fuel consumption, ΔT=45°C (kg/h)          | 3.9              | 3.9              | 4.6              | 4.6              |
| Fuel tank (l)                             | 35               | 35               | 35               | 35               |
| Dimensions L x W x H (mm)                 | 1190 x 702 x 987 | 1190 x 702 x 987 | 1190 x 702 x 987 | 1190 x 702 x 987 |
| Weight (kg)                               | 160              | 165              | 160              | 165              |
| Power consumption (kW)                    | 6                | 6.1              | 7.6              | 7.8              |
| Voltage/phase/frequency/current (V~/Hz/A) | 400/3/50/12.2    | 400/3/50/12.2    | 400/3/50/15.4    | 400/3/50/15.8    |
| El cable (m)                              | 5                | 5                | 5                | 5                |
| Nozzle size                               | 0500             | 0500             | 0550             | 0550             |
| <b>FEATURES</b>                           |                  |                  |                  |                  |
| Pistons / number of pistons               | Ceramic / 3      | Ceramic / 3      | Ceramic / 3      | Ceramic / 3      |
| Automatic start/stop                      | ●                | ●                | ●                | ●                |
| Flame sensor                              | ●                | ●                | ●                | ●                |
| Detergent tank (l)                        | A:15 + B:10      | A:15 + B:10      | A:15 + B:10      | A:15 + B:10      |
| Additional hose                           |                  | ●                |                  | ●                |
| Hose reel                                 |                  | ●                |                  | ●                |
| <b>STANDARD EQUIPMENT</b>                 |                  |                  |                  |                  |
| HP hose (DN8)                             | 101405770 [10 m] | 301001101 [20 m] | 101405770 [10 m] | 301001101 [20 m] |
| Ergo 2000 gun with swivel                 | 106403122        | 106403122        | 106403122        | 106403122        |
| Ergo coupling                             | 101119496        | 101119496        | 101119496        | 101119496        |
| Water inlet coupling*                     | 61369            | 61369            | 61369            | 61369            |
| Hose reel                                 |                  | 301001131        |                  | 301001131        |
| Tornado Plus lance without HP nozzle      | 106403010        | 106403010        | 106403010        | 106403010        |
| Tornado Plus nozzle                       | 101119741        | 101119741        | 101119743        | 101119743        |
| ITEM NO.                                  | 107146650        | 107146651        | 107146653        | 107146654        |



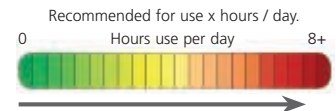
◀ The tough and robust NEPTUNE 7 FA series combines low running costs, ease of use, low noise and high cleaning efficiency. The most effective tool for heavy duty, industrial hot water cleaning in any sector.

The NEPTUNE 7 FA is equipped with the premium class C3 pump, and is ideal for the toughest applications. The FA version adds a new level of reliability and comfort with the flow activated unloader system, in which the flow of water over a sensor sends the start-stop impulses to the motor. ▶



## The most effective tool for heavy duty, hot water cleaning in any sector

- EcoPower boiler with > 92% efficiency
- 115 kW boiler – flow activated control system for reduced running costs
- Ergo accessory concept
- Including B.A Valve (Back Flow Preventer)
- QuickService concept – reduced maintenance costs and service time
- Brass cylinder head
- No standby pressure in the hose, lance and spray gun adds to user comfort and safety
- Leaks in equipment or piping will not cause the motor to start and stop as on pressure activated systems
- No pressure on pump head during stand-by situations



| TECHNICAL DATA                            | NEPTUNE 7-63 FA   | NEPTUNE 7-63 FAX2 |
|-------------------------------------------|-------------------|-------------------|
| Pump pressure (bar/MPa)                   | 175/17.5          | 175/17.5          |
| Cleaning impact (kg/force)                | 6.3               | 6.3               |
| Water flow Qmax/Qiec (l/h)                | 1260/1170         | 1260/1170         |
| Max. inlet temperature (°C)               | 40                | 40                |
| Pump (RPM)                                | 1450              | 1450              |
| Water temperature (water/steam) (°C)      | 90/150            | 90/150            |
| Fuel consumption, ΔT=45°C (kg/h)          | 5.3               | 5.3               |
| Fuel tank (l)                             | 35                | 35                |
| Dimensions L x W x H (mm)                 | 1190 x 702 x 1020 | 1190 x 702 x 1020 |
| Weight (kg)                               | 217               | 224               |
| Power consumption (kW)                    | 8.3               | 8.3               |
| Voltage/phase/frequency/current (V~/Hz/A) | 400/3/50/15       | 400/3/50/15       |
| El cable (m)                              | 5                 | 10                |
| Nozzle size                               | 0680              | 0680              |
| <b>FEATURES</b>                           |                   |                   |
| Pistons / number of pistons               | Ceramic / 4       | Ceramic / 4       |
| Automatic start/stop                      | ●                 | ●                 |
| Flame sensor                              | ●                 | ●                 |
| Detergent tank (l)                        | A:15 + B:10       | A:15 + B:10       |
| Hose reel and extra hose                  |                   | ●                 |
| Cable reel                                |                   | ●                 |
| <b>STANDARD EQUIPMENT</b>                 |                   |                   |
| HP hose (DN10)                            | 6101766 [10 m]    | 1402072 [20 m]    |
| Ergo 2000 gun with swivel                 | 106403122         | 106403122         |
| Ergo coupling                             | 101119496         | 101119496         |
| Water inlet coupling*                     | 61369             | 61369             |
| Hose reel                                 |                   | 301001130         |
| Tornado Plus lance without HP nozzle      | 106403010         | 106403010         |
| Tornado Plus nozzle                       | 101119747         | 101119747         |
| ITEM NO.                                  | 301001731         | 107146212         |

# NEPTUNE 8 – Premium mobile hot water

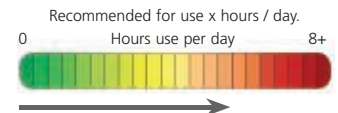


## The tough and robust effective tool for heavy duty uses requiring high water flow

- EcoPower boiler with > 92% efficiency
- High water flow pump
- Reduced running costs
- Brass cylinder head
- QuickService – reduced maintenance costs and service time
- Efficient motor cooling
- Easy to use control panel, all controls in one place
- Ergo accessory concept
- Use by 1 or 2 persons at same time

◀ The high power premium class NEPTUNE 8, combining high water flow and high pressure levels for routine cleaning in the agriculture, construction, and transport industries. The NEPTUNE 8 offers two user applications.

The EasyClean boiler reduces the difficult and time-consuming task of cleaning the coil to the level of routine maintenance. In some regions, legislation requires that the boiler is completely serviced annually, even if there are no apparent faults. The EasyClean coil can be removed for cleaning in less than 6 minutes by a single technician.



| TECHNICAL DATA                            | NEPTUNE 8-103     |
|-------------------------------------------|-------------------|
| Pump pressure (bar/MPa)                   | 180/18            |
| Cleaning impact (kg/force)                | 10.3              |
| Water flow Qmax/Qiec (l/h)                | 2000/1950         |
| Max. inlet temperature (°C)               | 40                |
| Pump (RPM)                                | 1450              |
| Water temperature (water/steam) (°C)      | 70/150            |
| Fuel consumption, ΔT=45°C (kg/h)          | 9.1               |
| Fuel tank (l)                             | 35                |
| Dimensions L x W x H (mm)                 | 1190 x 702 x 1020 |
| Weight (kg)                               | 230               |
| Power consumption (kW)                    | 12                |
| Voltage/phase/frequency/current (V~/Hz/A) | 400/3/50/21       |
| El cable (m)                              | 5                 |
| Nozzle size                               | 1200              |
| <b>FEATURES</b>                           |                   |
| Pistons / number of pistons               | Ceramic / 3       |
| Automatic start/stop                      | ●                 |
| Detergent tank (l)                        | A:15 + B:10       |
| <b>STANDARD EQUIPMENT</b>                 |                   |
| HP hose (DN10)                            | 6101766 [10 m]    |
| Ergo 2000 gun with swivel                 | 106403122         |
| Ergo coupling                             | 101119496         |
| Water inlet coupling*                     | 61369             |
| Tornado Plus lance without HP nozzle      | 106403010         |
| Tornado Plus nozzle                       | 101119758         |
| ITEM NO.                                  | 301001786         |





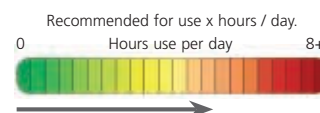
◀ The NEPTUNE E is adapted for use in the food industry or hazardous areas and benefits from many of the same features as the NEPTUNE 5, including WDK dual chemical system, robust steel chassis and frame.

Three separate water tanks give precise temperature and fast heating.



## Ideal for use in areas where exhaust gases must be avoided

- Pollution free electrical heating
- QuickService concept reduces maintenance costs
- Easy to use control panel, all controls in one place
- Ergo accessory concept



| TECHNICAL DATA                             | NEPTUNE E 12      | NEPTUNE E 24     |
|--------------------------------------------|-------------------|------------------|
| Pump pressure (bar/MPa)                    | 150/15            | 150/15           |
| Cleaning impact (kg/force)                 | 3.6               | 3.6              |
| Water flow Qmax/Qiec (l/h)                 | 750/720           | 750/720          |
| Max. inlet temperature (°C)                | 70                | 70               |
| Pump (RPM)                                 | 1450              | 1450             |
| Max. temperature (°C)                      | 30-80             | 30-80            |
| Dimensions L x W x H (mm)                  | 1190 x 685 x 987  | 1190 x 685 x 987 |
| Weight (kg)                                | 132               | 135              |
| Voltage/phase/frequency/current (V/~/Hz/A) | 400-415/3/50/24.3 | 400/3/50/42      |
| El cable (m)                               | 5                 | 5                |
| Nozzle size                                | 0435              | 0435             |
| <b>FEATURES</b>                            |                   |                  |
| Pistons / number of pistons                | Ceramic / 3       | Ceramic / 3      |
| Automatic start/stop                       | ●                 | ●                |
| Detergent tank (l)                         | A:35 + B:10       | A:35 + B:10      |
| <b>STANDARD EQUIPMENT</b>                  |                   |                  |
| HP hose (DN8)                              | 101405770 [10 m]  | 101405770 [10 m] |
| Ergo 2000 gun with swivel                  | 106403122         | 106403122        |
| Ergo coupling                              | 101119496         | 101119496        |
| Water inlet coupling                       | 1602945           | 1602945          |
| Universal Plus lance without HP nozzle     | 106403035         | 106403035        |
| Tornado Plus nozzle                        | 101119739         | 101119739        |
| ITEM NO.                                   | 301002020         | 301002021        |

# POSEIDON PE – Mobile cold water, petrol driven



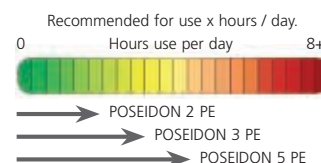
◀ The POSEIDON PE range is ideal for areas where electrical power may not be available or not strong enough for tough cleaning areas. Self-priming and suction capability means water can be drawn from a tank, well, lake or other natural source. Used by tradesmen, building and construction firms, agriculture and rentals.

All pumps are designed for tough use and are simple and quick to maintain and service. The professional models include oil sight glass and oil fill capability.



## Ideal solution for cleaning in the middle of a field or on a building site

- Robust long life pumps
- Robust design
- Honda motor on petrol versions
- Wide range of models for all applications
- Ergo accessory concept for optimal user comfort
- Professional models include oil sight glass and oil fill capability

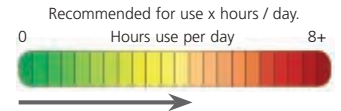


| TECHNICAL DATA                          | POSEIDON 2-31 PE    | POSEIDON 2-31 PE XT | POSEIDON 3-36 PE | POSEIDON 5-47 PE | POSEIDON 5-47 PE XT |
|-----------------------------------------|---------------------|---------------------|------------------|------------------|---------------------|
| Pump pressure (bar/MPa)                 | 140/14              | 140/14              | 140/14           | 190/19           | 190/19              |
| Cleaning impact (kg/force)              | 3.1                 | 3.1                 | 3.6              | 4.7              | 4.7                 |
| Water flow Qmax/Qiec (l/h)              | 700/650             | 700/650             | 840/750          | 900/840          | 900/840             |
| Max. inlet temperature (°C)             | 60                  | 60                  | 60               | 60               | 60                  |
| Pump (RPM)                              | 3400                | 3600                | 3200             | 3400             | 3600                |
| Fuel type                               | Petrol              | Petrol              | Petrol           | Petrol           | Petrol              |
| Dimensions L x W x H (mm)               | 800 x 565 x 1010    | 800 x 565 x 1010    | 800 x 565 x 1010 | 800 x 565 x 1010 | 800 x 565 x 1010    |
| Weight (kg)                             | 35                  | 39                  | 38               | 53               | 68                  |
| Fuel consumption (l/h)                  | 1.5                 | 1.5                 | 1.4              | 2.4              | 2.4                 |
| Motor power (HP)                        | 5                   | 5                   | 5.5              | 9                | 9                   |
| Motor type                              | HONDA GC 160        | HONDA GC 160        | HONDA GX 160     | HONDA GX 270     | HONDA GX 270        |
| Suction height dry/wet (m)              | 0.5 - 1.0           | 0.5 - 1.0           | 0.5 - 1.0        | 0.5 - 1.0        | 0.5 - 1.0           |
| Nozzle size                             | 0400                | 0400                | 0500             | 0450             | 0450                |
| FEATURES                                |                     |                     |                  |                  |                     |
| Pistons / number of pistons             | Stainless steel / 3 | Stainless steel / 3 | Ceramic / 3      | Ceramic / 3      | Ceramic / 3         |
| Automatic throttle control              |                     |                     |                  | ●                | ●                   |
| Water flow regulation                   | ○                   | ●                   | ●                | ●                | ●                   |
| Thermal dump valve                      | ●                   | ●                   | ●                | ●                | ●                   |
| Detergent injector system               | ●                   | ●                   | ●                | ●                | ●                   |
| 2 lances                                |                     | ●                   |                  |                  | ●                   |
| Hose reel with 10 m hose                |                     | ●                   |                  |                  | ●                   |
| STANDARD EQUIPMENT                      |                     |                     |                  |                  |                     |
| HP hose, Single Wire (DN8)              | 1405569 [10 m]      | 1405569 [10 m]      | 1405569 [10 m]   | 1405569 [10 m]   | 1405569 [10 m]      |
| Ergo 2000 gun with swivel               | 106403122           | 106403122           | 106403122        | 106403122        | 106403122           |
| Ergo coupling                           | 101119496           | 101119496           | 101119496        | 101119496        | 101119496           |
| Water inlet coupling                    | 32541*              | 32541*              | 61369**          | 61369**          | 61369**             |
| FlexoPower Plus lance without HP nozzle | 106402281           | 106402281           | 106402281        | 106402281        | 106402281           |
| TurboHammer Plus lance with HP nozzle   |                     | 106403002           |                  |                  | 106402290           |
| Tornado Plus nozzle                     | 101119738           | 101119738           | 101119741        | 101119740        | 101119740           |
| ITEM NO.                                | 106174730           | 106174741           | 106174731        | 106174732        | 106174742           |



◀ The POSEIDON PE or DE ranges are ideal for areas where electrical power may not be available or not strong enough for tough cleaning areas. Selfpriming and suction capability means water can be drawn from a tank, well, lake or other natural source. Used by tradesmen, building and construction firms, agriculture and rentals.

The large pneumatic wheels ensure good manoeuvrability over the uneven ground found largely on building sites and in the agricultural environment. ▶



## For tough use where you have no electric power

- Robust long life pumps
- Robust design
- Honda motor on petrol versions
- Yanmar L100 DE motor on diesel version
- Wide range of models for all applications
- Ergo accessory concept for optimal user comfort



| TECHNICAL DATA                          | POSEIDON<br>5-53 PE | POSEIDON<br>5-67 PE | POSEIDON<br>5-67 PE XT | POSEIDON<br>5-54 DE |
|-----------------------------------------|---------------------|---------------------|------------------------|---------------------|
| Pump pressure (bar/MPa)                 | 200/20              | 230/23              | 230/23                 | 195/19.5            |
| Cleaning impact (kg/force)              | 5.3                 | 6.7                 | 6.7                    | 5.4                 |
| Water flow Qmax/Qiec (l/h)              | 1030/930            | 1150/1100           | 1150/1100              | 1000/950            |
| Max. inlet temperature (°C)             | 60                  | 60                  | 60                     | 60                  |
| Pump (RPM)                              | 3300                | 1700                | 3600                   | 1650                |
| Fuel type                               | Petrol              | Petrol              | Petrol                 | Diesel              |
| Dimensions L x W x H (mm)               | 800 x 565 x 1010    | 800 x 565 x 1010    | 800 x 565 x 1010       | 750 x 680 x 850     |
| Weight (kg)                             | 60                  | 68                  | 71                     | 110                 |
| Fuel consumption (l/h)                  | 3.1                 | 3.5                 | 3.5                    | 2.4                 |
| Motor power (HP)                        | 11                  | 13                  | 13                     | 10                  |
| Motor type                              | HONDA GX 340        | HONDA GX 390        | HONDA GX 390           | YANMAR L 100 DE     |
| Suction height dry/wet (m)              | 0.5 - 1.0           | 0.5 - 1.0           | 0.5 - 1.0              | 0.5 - 1.0           |
| Nozzle size                             | 0500                | 0550                | 0550                   | 0530                |
| <b>FEATURES</b>                         |                     |                     |                        |                     |
| Pistons / number of pistons             | Ceramic / 3         | Ceramic / 3         | Ceramic / 3            | Ceramic / 3         |
| Automatic throttle control              | ●                   | ●                   | ●                      |                     |
| Thermal dump valve                      | ●                   | ●                   | ●                      | ●                   |
| Detergent injector system               | ●                   | ●                   | ●                      | ●                   |
| Electrical start/stop                   |                     |                     |                        | ●                   |
| 2 lances                                |                     |                     | ●                      |                     |
| Hose reel with 10 m hose                |                     |                     | ●                      |                     |
| <b>STANDARD EQUIPMENT</b>               |                     |                     |                        |                     |
| HP hose, Single Wire (DN8)              | 1405569 [10 m]      | 1405569 [10 m]      | 1405569 [10 m]         | 1405569 [10 m]      |
| Ergo 2000 gun with swivel               | 106403122           | 106403122           | 106403122              | 106403122           |
| Ergo coupling                           | 101119496           | 101119496           | 101119496              | 101119496           |
| Water inlet coupling*                   | 61369               | 61369               | 61369                  | 61369               |
| FlexoPower Plus lance without HP nozzle | 106402281           |                     |                        |                     |
| Tornado Plus lance without HP nozzle    |                     | 106403010           | 106403010              | 106403010           |
| TurboHammer Plus lance with HP nozzle   |                     |                     | 106402292              |                     |
| Tornado Plus nozzle                     | 101119741           | 101119743           | 101119743              | 101119742           |
| ITEM NO.                                | 106174733           | 106174734           | 106174743              | 106174740           |

● Standard feature  
\* Universal brass coupling



# NEPTUNE PE – Mobile hot water – petrol driven



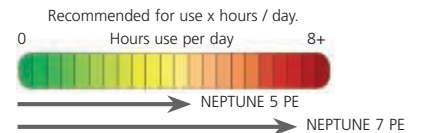
NEPTUNE PE is a range of comprehensive petrol powered hot water models for professional use. Powered by a petrol motor and able to draw water from a tank, river or well, totally independent of electrical power and normal water sources. Ideal for fully autonomous use in the construction or agriculture, industrial segments or by contract cleaners.

Easy to use control panel. Versions with high flow or high pressure.



## High performance and productivity – a simple and efficient cleaning tool

- Powerful heating system
- Easy access to el box
- Double lance holder
- Forklift truck
- Robust steel chassis and frame
- EcoPower boiler with > 92% efficiency
- Ergo accessory concept
- Anti-calc/water brake tank as option
- Optional wheel kit for NEPTUNE 5-54 PE, 5-85 PE and 7-61 PE

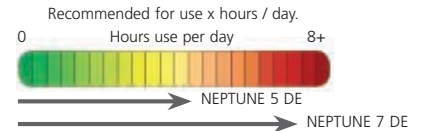


| TECHNICAL DATA                                   | NEPTUNE 5-46 PE  | NEPTUNE 5-54 PE  | NEPTUNE 5-85 PE   | NEPTUNE 7-61 PE  |
|--------------------------------------------------|------------------|------------------|-------------------|------------------|
| Pump pressure (bar/MPa)                          | 200/20           | 220/22           | 240/24            | 220/22           |
| Cleaning impact (kg/force)                       | 4.6              | 5.4              | 8.5               | 6.1              |
| Water flow Qmax/Qiec (l/h)                       | 860/800          | 1000/900         | 1450/1350         | 1120/1010        |
| Max. inlet temperature (°C)                      | 40               | 40               | 40                | 40               |
| Pump (RPM)                                       | 1775             | 1700             | 1570              | 1775             |
| Water temperature (water/steam) (°C)             | 90/150           | 90/150           | 90/150            | 90/150           |
| Fuel consumption, Boiler (Diesel) ΔT=45°C (kg/h) | 4.2              | 4.7              | 7                 | 5.6              |
| Fuel consumption, Motor (Petrol) (kg/h)          | 3.1              | 3.5              | 6                 | 3.5              |
| Fuel type, - Boiler/Motor                        | Diesel/Petrol    | Diesel/Petrol    | Diesel/Petrol     | Diesel/Petrol    |
| Onboard fuel tank for boiler (l)                 | 57               | 57               | 57                | 57               |
| Onboard fuel tank for motor (l)                  | 6.1              | 6.1              | 20                | 6.1              |
| Motor type                                       | HONDA GX 340     | HONDA GX 390     | HONDA GX 630      | HONDA GX 390     |
| Motor power (HP)                                 | 11               | 13               | 24                | 13               |
| Dimensions L x W x H (mm)                        | 970 x 780 x 1000 | 970 x 780 x 1000 | 1130 x 910 x 1050 | 970 x 780 x 1000 |
| Weight (kg)                                      | 208              | 208              | 260               | 210              |
| Nozzle size                                      | 0400             | 0450             | 0650              | 0500             |
| FEATURES                                         |                  |                  |                   |                  |
| Pistons / number of pistons                      | Ceramic / 3      | Ceramic / 3      | Ceramic / 3       | Ceramic / 4      |
| Flame sensor                                     | ●                | ●                | ●                 | ●                |
| Electric start/stop                              | ●                | ●                | ●                 | ●                |
| Exhaust gas temperature sensor                   | ●                | ●                | ●                 | ●                |
| Low pump oil safety                              | ●                | ●                | ●                 | ●                |
| Wheels                                           | ●                |                  |                   |                  |
| STANDARD EQUIPMENT                               |                  |                  |                   |                  |
| HP hose (15 m)                                   | 301001100 [DN8]  | 301001100 [DN8]  | 1402064 [DN10]    | 301001100 [DN8]  |
| Ergo 2000 gun with swivel                        | 106403122        | 106403122        | 106403122         | 106403122        |
| Ergo coupling                                    | 101119496        | 101119496        | 101119496         | 101119496        |
| Water inlet coupling*                            | 61369            | 61369            | 61369             | 61369            |
| Tornado Plus lance without HP nozzle             | 106403010        | 106403010        | 106403010         | 106403010        |
| Tornado Plus nozzle                              | 101119738        | 101119740        | 101119746         | 101119741        |
| ITEM NO.                                         | 106239510        | 106239515        | 106239540         | 106239530        |



◀ NEPTUNE DE is a range of comprehensive diesel powered hot water models for professional use. Powered by a diesel driven motor and able to draw water from a tank, river or well, totally independent of electrical power and normal water sources. Ideal for all cleaning jobs in construction or agriculture.

Easy oil drain from motor and pumps combined with low pump oil safety protects pump against running dry, keeping service costs low.



## Total independence of electrical power and normal water sources

- Powerful heating system
- Easy access to el box
- Double lance holder
- Forklift truck
- Hour counter
- Robust steel chassis and frame
- EcoPower boiler with > 92% efficiency
- Ergo accessory concept
- Anti-calc/water brake tank as option
- Optional wheel kit for NEPTUNE 7-66 DE and 7-72 DE



| TECHNICAL DATA                                   | NEPTUNE<br>5-51 DE | NEPTUNE<br>7-66 DE | NEPTUNE<br>7-72 DE |
|--------------------------------------------------|--------------------|--------------------|--------------------|
| Pump pressure (bar/MPa)                          | 200/20             | 200/20             | 220/22             |
| Cleaning impact (kg/force)                       | 5.1                | 6.6                | 7.2                |
| Water flow Qmax/Qiec (l/h)                       | 1000/900           | 1200/1150          | 1300/1200          |
| Max. inlet temperature (°C)                      | 40                 | 40                 | 40                 |
| Pump (RPM)                                       | 1485               | 1750               | 1630               |
| Water temperature (water/steam) (°C)             | 90/150             | 90/150             | 90/150             |
| Fuel consumption, Boiler (Diesel) ΔT=45°C (kg/h) | 4.7                | 6.5                | 6.8                |
| Fuel consumption, Motor (Diesel) (kg/h)          | 2.2                | 3.5                | 3.5                |
| Fuel type, - Boiler/Motor                        | Diesel/Diesel      | Diesel/Diesel      | Diesel/Diesel      |
| Onboard fuel tank for boiler (l)                 | 57                 | 57                 | 57                 |
| Onboard fuel tank for motor (l)                  | 5.5                | Same as for boiler | Same as for boiler |
| Motor type                                       | YANMAR L100 AE-DE  | Ruggerini          | Mitsubishi S3L2    |
| Motor power (HP)                                 | 10                 | 16                 | 16                 |
| Dimensions L x W x H (mm)                        | 970 x 780 x 1000   | 1130 x 910 x 1050  | 1130 x 910 x 1050  |
| Weight (kg)                                      | 220                | 315                | 510                |
| Nozzle size                                      | 0450               | 0650               | 0640               |
| <b>FEATURES</b>                                  |                    |                    |                    |
| Pistons / number of pistons                      | Ceramic / 3        | Ceramic / 4        | Ceramic / 4        |
| High pump temperature cut                        | ●                  | ●                  | ●                  |
| Thermal dump valve                               | ●                  | ●                  | ●                  |
| Flame sensor                                     | ●                  | ●                  | ●                  |
| Electric start/stop                              | ●                  | ●                  | ●                  |
| Exhaust gas temperature sensor                   | ●                  | ●                  | ●                  |
| Low pump oil safety                              | ●                  | ●                  | ●                  |
| Wheels                                           | ●                  | ●                  | ●                  |
| <b>STANDARD EQUIPMENT</b>                        |                    |                    |                    |
| HP hose (15 m)                                   | 301001100 [DN8]    | 1402064 [DN10]     | 1402064 [DN10]     |
| Ergo 2000 gun with swivel                        | 106403122          | 106403122          | 106403122          |
| Ergo coupling                                    | 101119496          | 101119496          | 101119496          |
| Water inlet coupling*                            | 61369              | 61369              | 61369              |
| Tornado Plus lance without HP nozzle             | 106403010          | 106403010          | 106403010          |
| Tornado Plus nozzle                              | 101119740          | 101119746          | 101119745          |
| <b>ITEM NO.</b>                                  | <b>106239610</b>   | <b>106239630</b>   | <b>106239635</b>   |

● Standard feature  
\* Universal brass coupling









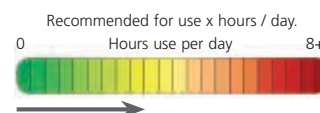
◀ The ALPHA BOOSTER is a range of professional models ready to use in most segments due to 1450 RPM motors. The ALPHA BOOSTER line offers powerful cleaning, high durability and low noise level.

ALPHA BOOSTER 3 is a simple, basic machine. All models ▶ are delivered without cabinet, but with lance, hose and gun. A stainless steel cabinet is available as an option.



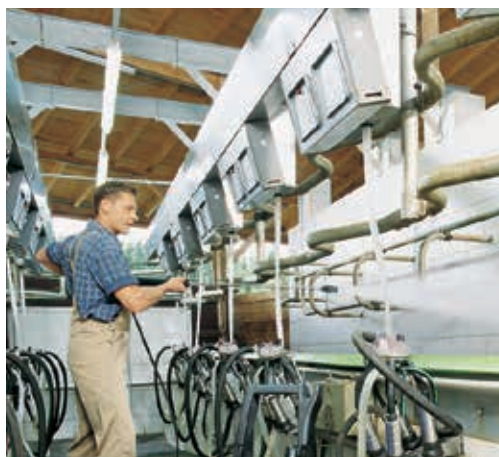
## Ready-to-use stationary line for everyday use

- Single and three phase versions
- Brass cylinder head
- Ergo accessory concept
- Equipped with hose, lance and spray gun
- Stainless steel cabinet as optional (more info regarding stainless steel cabinet on page 84)



| TECHNICAL DATA                             | ALPHA BOOSTER 3-26 | ALPHA BOOSTER 3-41 |
|--------------------------------------------|--------------------|--------------------|
| Pump pressure (bar/MPa)                    | 135/13.5           | 180/18             |
| Cleaning impact (kg/force)                 | 2.6                | 4.1                |
| Water flow Qmax/Qiec (l/h)                 | 600/570            | 830/750            |
| Max. inlet temperature* (°C)               | 50-60              | 50-60              |
| Pump (RPM)                                 | 1450               | 1450               |
| Dimensions L x W x H (mm)                  | 560 x 350 x 370    | 560 x 350 x 370    |
| Weight (kg)                                | 39                 | 39                 |
| Power consumption (kW)                     | 3.4                | 5.3                |
| Voltage/phase/frequency/current (V/~/Hz/A) | 230/1/50/13.5      | 400/3/50/9.9       |
| El cable (m)                               | 5                  | 5                  |
| Nozzle size                                | 0370               | 0400               |
| <b>FEATURES</b>                            |                    |                    |
| Pistons / number of pistons                | Ceramic / 3        | Ceramic / 3        |
| Automatic start/stop                       | ●                  | ●                  |
| Water brake tank                           | ●                  | ●                  |
| Stainless steel cabinet                    | ○                  | ○                  |
| <b>STANDARD EQUIPMENT</b>                  |                    |                    |
| HP hose (DN6)                              | 301002275 [10 m]   | 301002275 [10 m]   |
| Ergo 2000 gun with swivel                  | 106403122          | 106403122          |
| Ergo coupling                              | 101119496          | 101119496          |
| Water inlet coupling                       | 1602945            | 1602945            |
| FlexoPower Plus lance without HP nozzle    | 106402281          | 106402281          |
| Tornado Plus nozzle                        | 101119737          | 101119738          |
| <b>ITEM NO.</b>                            | <b>107361115</b>   | <b>107361130</b>   |

## ALPHA BOOSTER 5 – Stationary cold water



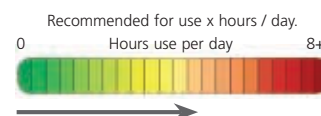
◀ The ALPHA BOOSTER 5 range is a mid range for cleaning in milk sheds, around small farms and garages or also in butcheries and bakeries (for example in supermarkets). It can also be used around swimming pool areas or for any general cleaning tasks that occur in a fixed site.

▶ ALPHA BOOSTER 5 can be equipped with an external electronic control system that allows use of certain factory mounted options such as remote control or coin boxes, 2 x detergent.



### Powerful and long lasting stationary cold water cleaning

- Three phase version
- Simple and easy to use
- Brass cylinder head
- Optional external electronic control system
- Optional remote control
- Optional coin boxes
- Optional 2 x detergents
- Ergo accessory concept
- Equipped with hose, lance and spray gun

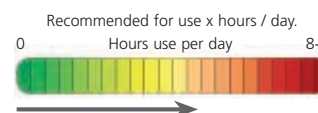


| TECHNICAL DATA                             | ALPHA BOOSTER 5-49 |
|--------------------------------------------|--------------------|
| Pump pressure (bar/MPa)                    | 180/18             |
| Cleaning impact (kg/force)                 | 4.9                |
| Water flow Qmax/Qiec (l/h)                 | 970/900            |
| Max. inlet temperature* (°C)               | 50-60              |
| Pump (RPM)                                 | 1450               |
| Dimensions L x W x H (mm)                  | 560 x 350 x 370    |
| Weight (kg)                                | 48                 |
| Power consumption (kW)                     | 6.9                |
| Voltage/phase/frequency/current (V/~/Hz/A) | 400/3/50/13.5      |
| El cable (m)                               | 5                  |
| Nozzle size                                | 0500               |
| <b>FEATURES</b>                            |                    |
| Pistons / number of pistons                | Ceramic / 3        |
| Automatic start/stop                       | ●                  |
| Water brake tank                           | ●                  |
| Stainless steel cabinet**                  | ●                  |
| <b>STANDARD EQUIPMENT</b>                  |                    |
| HP hose (DN8)                              | 1405569 [10 m]     |
| Ergo 2000 gun with swivel                  | 106403122          |
| Ergo coupling                              | 101119496          |
| Water inlet coupling                       | 1602945            |
| FlexoPower Plus lance without HP nozzle    | 106402281          |
| Tornado Plus nozzle                        | 101119741          |
| <b>ITEM NO.</b>                            | <b>107361230</b>   |



◀ The ALPHA BOOSTER line offers a wide range of professional models. The machines can easily be installed in any location around a site. A carefully planned and optimised piping system will ensure that easy, quick cleaning of any area.

ALPHA BOOSTER 8 is a high flow version delivered with lance, hose and gun.



## Just hook up the hose and get to work

- Quiet, slow running 1450 RPM motors
- Simple and easy to use
- Ergo accessory concept
- Equipped with hose, lance and spray gun



| TECHNICAL DATA                             | ALPHA BOOSTER<br>8-103 |
|--------------------------------------------|------------------------|
| Pump pressure (bar/MPa)                    | 180/18                 |
| Cleaning impact (kg/force)                 | 10.3                   |
| Water flow Qmax/Qiec (l/h)                 | 2000/1920              |
| Max. inlet temperature* (°C)               | 50-60                  |
| Pump (RPM)                                 | 1450                   |
| Dimensions L x W x H (mm)                  | 655 x 425 x 467        |
| Weight (kg)                                | 78                     |
| Power consumption (kW)                     | 12.0                   |
| Voltage/phase/frequency/current (V/~/Hz/A) | 400/3/50/22            |
| El cable (m)                               | 5                      |
| Nozzle size                                | 1100                   |
| FEATURES                                   |                        |
| Pistons / number of pistons                | Ceramic / 3            |
| Automatic start/stop                       | ●                      |
| Water brake tank                           | ●                      |
| Stainless steel cabinet                    | ●                      |
| STANDARD EQUIPMENT                         |                        |
| HP hose (DN10)                             | 6101766 [10 m]         |
| Ergo 2000 gun with swivel                  | 106403122              |
| Ergo coupling                              | 101119496              |
| Water inlet coupling                       | 1602945                |
| FlexoPower Plus lance without HP nozzle    | 106402281              |
| Tornado Plus nozzle                        | 101119756              |
| ITEM NO.                                   | 107361330              |

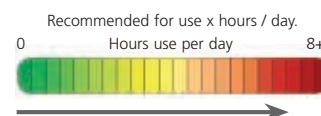


## UNO BOOSTER – Stationary cold water



◀ UNO BOOSTER: 1-pump unit for medium and heavy cleaning applications in agriculture, milking sheds, industry, food industry and shipping. Reliable partners in eliminating tough dirt in the industrial sector and maintaining hygiene levels in agriculture, food industry or simply in industry and construction.

Easy to use, single start/stop button – just switch on and clean.



### Reliable partner in eliminating tough dirt in the industrial sector

- Axial pump
- Stainless steel design for added hygiene and protection against corrosion
- High level of serviceability
- Water inlet coupling, NITO internal thread, item no. 1602945
- Ergo outlet coupling, male, stainless steel, item no. 1603101
- Heavy duty C3 pump for long working life
- PLC for use of factory mounted options on EXTENDED version

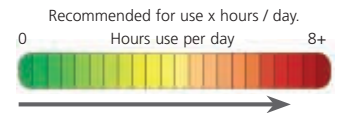


| TECHNICAL DATA                            | UNO BOOSTER     | UNO BOOSTER EXTENDED |
|-------------------------------------------|-----------------|----------------------|
| Pump pressure (bar/MPa)                   | 160/16          | 160/16               |
| Cleaning impact (kg/force)                | 5.5             | 5.5                  |
| Water flow Qmax/Qiec (l/h)                | 1200/1080       | 1200/1080            |
| Max. inlet temperature (°C)               | 70              | 70                   |
| Pump (RPM)                                | 1450            | 1450                 |
| Number of pumps                           | 1               | 1                    |
| Dimensions L x W x H (mm)                 | 370 x 700 x 500 | 370 x 700 x 500      |
| Weight (kg)                               | 81              | 81                   |
| Power consumption (kW)                    | 6.7             | 6.7                  |
| Voltage/phase/frequency/current (V~/Hz/A) | 400/3/50/12     | 400-415/3/50/12      |
| El cable (m)                              | 4               | 4                    |
| Nozzle size                               | 0640            | 0640                 |
| <b>FEATURES</b>                           |                 |                      |
| Pistons / number of pistons               | Ceramic / 4     | Ceramic / 4          |
| Stainless steel cabinet                   | ●               | ●                    |
| Water brake tank                          | ●               | ●                    |
| Low pump oil safety                       | ●               | ●                    |
| Automatic start/stop                      | ●               | ●                    |
| ITEM NO.                                  | 107340030       | 107340130            |



◀ DUO BOOSTER: 2-pump unit for medium and heavy cleaning applications in agriculture, milking sheds, industry, food industry and shipping.

The DUO BOOSTER 7 is equipped with a control system that automatically will detect increased or reduced requirements for water as users start and stop work (by activating the trigger on the spray gun). Motor pumps will be started and stopped accordingly.



## Power, independency, flexibility ... and power

- Axial pump
- 2-pump system for use by 1 or 2 persons at the same time
- Stainless steel design for added hygiene and protection against corrosion
- High level of serviceability
- Water inlet coupling, NITO 3/4" internal thread, item no. 1602945
- Ergo outlet coupling, male, 3/8" stainless steel, item no. 1603101
- Heavy duty C3 pump for long working life



| TECHNICAL DATA                            | DUO BOOSTER     | DUO BOOSTER 7-121 |
|-------------------------------------------|-----------------|-------------------|
| Pump pressure (bar/MPa)                   | 160/16          | 180/18            |
| Cleaning impact (kg/force)                | 11              | 12.1              |
| Water flow Qmax/Qiec (l/h)                | 2400/2160       | 2400/2230         |
| Max. inlet temperature (°C)               | 70              | 70                |
| Pump (RPM)                                | 1450            | 1450              |
| Number of pumps                           | 2               | 2                 |
| Dimensions L x W x H (mm)                 | 370 x 800 x 900 | 370 x 800 x 900   |
| Weight (kg)                               | 160             | 160               |
| Power consumption (kW)                    | 13.5            | 16.4              |
| Voltage/phase/frequency/current (V~/Hz/A) | 400-415/3/50/24 | 400/3/50/27       |
| El cable (m)                              | 4               | 4                 |
| Nozzle size                               | 0640            | 0640              |
| FEATURES                                  |                 |                   |
| Pistons / number of pistons               | Ceramic / 4     | Ceramic / 4       |
| Stainless steel cabinet                   | ●               | ●                 |
| Water brake tank                          | ●               | ●                 |
| Low pump oil safety                       | ●               | ●                 |
| Intelligent pump control system           |                 | ●                 |
| Automatic start/stop                      | ●               | ●                 |
| ITEM NO.                                  | 107340230       | 107340430         |

## DELTA BOOSTER – Stationary cold water



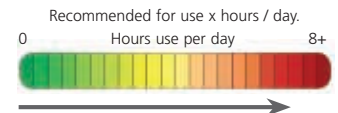
DELTA BOOSTER is a 3-6 pump stationary cold water unit for the heaviest cleaning applications in industry, the food industry and shipping. Allowing up to 6 persons to work at one piping system each user can choose his working pressure and flow. An on-board PCB manages start/stop of pumps and incorporates a diagnostic system.

Because space is often at a premium – especially in confined areas, the DELTA BOOSTER has been designed to use as little space as possible. This compact design also allows easy transportation and installation. The front door can be opened to both left and right sides.



### Capable of supplying up to 6 users at one time

- Axial pump
- 3 to 6 pumps for up to 6 users at one time
- Colour coded lances allow mixed use of low, medium and high pressure, detergent application
- Inlet water of up to 85°C into break tank and 70°C through pumps
- Stainless steel design with high level of accessibility and serviceability
- Machine continues to run whilst individual pumps can be removed for service
- Line pressures from 60 to 160 bar available



| TECHNICAL DATA                               | DELTA BOOSTER<br>3-PUMPS | DELTA BOOSTER<br>4-PUMPS | DELTA BOOSTER<br>5-PUMPS | DELTA BOOSTER<br>6-PUMPS | DELTA BOOSTER<br>6-PUMPS |
|----------------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Pump pressure (bar/MPa)                      | 160/16                   | 160/16                   | 160/16                   | 160/16                   | 100/10                   |
| Cleaning impact (kg/force)                   | 15.9                     | 21.5                     | 26.6                     | 32.2                     | 27.9                     |
| Water flow Qmax/Qiec (l/h)                   | - /3120                  | - /4160                  | - /5200                  | - /6230                  | - /6876                  |
| Max. inlet temperature into mixing tank (°C) | 85                       | 85                       | 85                       | 85                       | 85                       |
| Pump (RPM)                                   | 1450                     | 1450                     | 1450                     | 1450                     | 1450                     |
| Dimensions L x W x H (mm)                    | 815 x 770 x 1800         | 815 x 770 x 1800         | 815 x 770 x 1800         | 815 x 770 x 1800         | 815 x 770 x 1800         |
| Weight (kg)                                  | 349                      | 402                      | 456                      | 509                      | 509                      |
| Power consumption (kW)                       | 20.1                     | 26.8                     | 33.5                     | 40.5                     | 40.5                     |
| Voltage/phase/frequency/current (V~/Hz/A)    | 400/3/50/37              | 400/3/50/49              | 400/3/50/58              | 400/3/50/73              | 400/3/50/73              |
| <b>FEATURES</b>                              |                          |                          |                          |                          |                          |
| Pistons / number of pistons                  | Ceramic / 4              | Ceramic / 4              | Ceramic / 4              | Ceramic / 4              | Ceramic / 4              |
| Low pump oil safety                          | ●                        | ●                        | ●                        | ●                        | ●                        |
| Automatic start/stop                         | ●                        | ●                        | ●                        | ●                        | ●                        |
| Stainless steel cabinet                      | ●                        | ●                        | ●                        | ●                        | ●                        |
| Number of pumps                              | 3                        | 4                        | 5                        | 6                        | 6                        |
| ITEM NO.                                     | 7330130                  | 7330230                  | 7330330                  | 7330430                  | 107330401                |



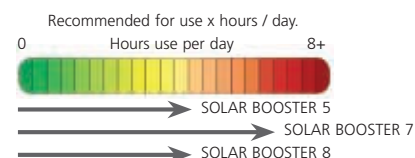


## Gives you hot water at the lowest possible cost

- Brass cylinder head
- Expandable control technology with PLC, customisation through options
- Unit diagnosis system
- Reduced running and service costs
- EcoPower boiler with > 92% efficiency
- Galvanized and powder coated cabinet and frame
- SOLAR BOOSTER 7-58 DS with stainless steel coil
- Optional; MMO (Multiple Machine Option)

◀ Diesel powered stationary heating for maximum efficiency in the automotive, industrial, shipping and trade sectors. The well known EcoPower boiler with an efficiency of 92-94% and a high heating effect at lowest possible cost. Integrated PLC enables customising the machine with a range of factory mounted options.

The EcoPower boiler automatically runs at its most economical level at temperature settings of around 60°C on the thermostat, providing an ideal combination of hot water and low costs. But even at higher temperature settings, the boiler offers efficient and low cost heating.



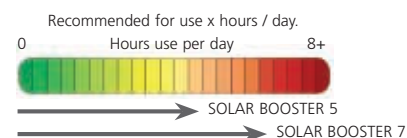
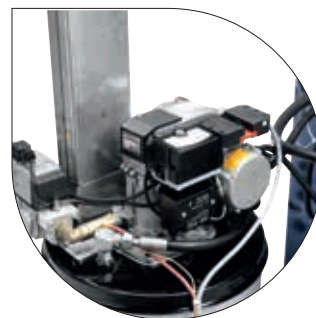
| TECHNICAL DATA                             | SOLAR BOOSTER<br>5-52 D | SOLAR BOOSTER<br>7-58 D | SOLAR BOOSTER<br>7-58 DS | SOLAR BOOSTER<br>8-103 D |
|--------------------------------------------|-------------------------|-------------------------|--------------------------|--------------------------|
| Pump pressure (bar/MPa)                    | 165/16.5                | 170/17                  | 170/17                   | 180/18                   |
| Cleaning impact (kg/force)                 | 5.2                     | 5.8                     | 5.8                      | 10.3                     |
| Water flow Qmax/Qiec (l/h)                 | 1100/1000               | 1200/1110               | 1200/1110                | 2000/1900                |
| Max. inlet temperature (°C)                | 30                      | 30                      | 30                       | 30                       |
| Heating power (kW)                         | 80                      | 115                     | 115                      | 115                      |
| Pump (RPM)                                 | 1450                    | 1450                    | 1450                     | 1450                     |
| Water temperature, max. (°C)               | 99                      | 99                      | 99                       | 70                       |
| Fuel consumption, ΔT=45°C (kg/h)           | 4.8                     | 5.4                     | 5.4                      | 9.4                      |
| Dimensions L x W x H (mm)                  | 700 x 900 x 1000        | 700 x 900 x 1000        | 700 x 900 x 1000         | 700 x 900 x 1000         |
| Weight (kg)                                | 189                     | 215                     | 215                      | 232                      |
| Power consumption (kW)                     | 7.4                     | 8.8                     | 8.8                      | 12                       |
| Voltage/phase/frequency/current (V/~/Hz/A) | 400/3/50/13.4           | 400/3/50/13.5           | 400/3/50/13.5            | 400/3/50/24              |
| El cable (m)                               | 4                       | 4                       | 4                        | 4                        |
| Nozzle size                                | 0600                    | 0680                    | 0680                     | 1100                     |
| <b>FEATURES</b>                            |                         |                         |                          |                          |
| Pistons / number of pistons                | Ceramic / 3             | Ceramic / 4             | Ceramic / 4              | Ceramic / 4              |
| Stainless steel coil                       |                         |                         | ●                        |                          |
| Axial pump                                 | ●                       | ●                       | ●                        |                          |
| Automatic start/stop                       | ●                       | ●                       | ●                        | ●                        |
| ITEM NO.                                   | 107370055               | 107370070               | 107370077                | 107370080                |

# SOLAR BOOSTER GAS – Stationary hot water



◀ Gas powered stationary heating for maximum efficiency in automotive industrial and shipping sectors. The well known EcoPower boiler with an efficiency of 92-93% and a high heating effect at lowest possible cost. Integrated PLC enables customising the machine with a range of factory mounted options.

The SOLAR BOOSTER G is equipped with a one stage Bentone burner. Heating is performed after the pump under high pressure.



## Major fuel and service cost savings

- Brass cylinder head
- Expandable control technology with PLC, customisation through options
- Unit diagnosis system
- Reduced running and service costs
- New economical gas burner
- Closed air intake
- Galvanized and powder coated cabinet and frame
- Optional; MMO (Multiple Machine Option)



| TECHNICAL DATA                             | SOLAR BOOSTER<br>5-45 G | SOLAR BOOSTER<br>7-58 G |
|--------------------------------------------|-------------------------|-------------------------|
| Pump pressure (bar/MPa)                    | 150/15                  | 170/17                  |
| Cleaning impact (kg/force)                 | 4.5                     | 5.8                     |
| Water flow Qmax/Qiec (l/h)                 | 1020/900                | 1200/1110               |
| Max. inlet temperature (°C)                | 30                      | 30                      |
| Heating power (kW)                         | 86                      | 100                     |
| Pump (RPM)                                 | 1450                    | 1450                    |
| Water temperature, max. (°C)               | 99                      | 99                      |
| Gas consumption ΔT 45°C (m³/h)             | 4.5                     | 5.7                     |
| Dimensions L x W x H (mm)                  | 700 x 900 x 1100        | 700 x 900 x 1100        |
| Weight (kg)                                | 186                     | 214                     |
| Power consumption (kW)                     | 1.4+6.1                 | 1.4+7.5                 |
| Voltage/phase/frequency/current (V/~/Hz/A) | 400/3/50/12             | 400/3/50/13.2           |
| EI cable (m)                               | 4                       | 4                       |
| Nozzle size                                | 0550                    | 0680                    |
| <b>FEATURES</b>                            |                         |                         |
| Pistons / number of pistons                | Ceramic / 3             | Ceramic / 4             |
| Axial pump                                 | ●                       | ●                       |
| Automatic start/stop                       | ●                       | ●                       |
| ITEM NO.                                   | 107370450               | 107370470               |



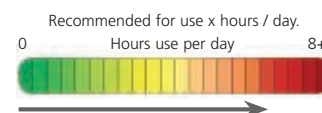
◀ Electrical powered stationary heating for maximum efficiency in the automotive industrial and shipping sectors. Electrical heating is pollution free. Integrated PLC enables customising the machine with a range of kits options.

The SOLAR BOOSTER E line heats BEFORE the pump in the large 119 l heating tank and can be produced in several heating sizes from 18 kW to 54 kW depending on temperature requirements and available electrical network. A feeder pump ensures that the pump can be fed with water up to 85°C. Immediate hot water is thus present at first activation of trigger.



## Pollution free, heating system

- Brass cylinder head
- Expandable control technology with PLC, customisation through options Unit diagnosis system
- Reduced running and service costs
- Electrical heating available from 18 to 54 kW
- 119 L electrical heating tank
- Galvanized and powder coated cabinet and frame
- Optional; MMO (Multiple Machine Option)



| TECHNICAL DATA                              | SOLAR BOOSTER<br>7-38 E18H | SOLAR BOOSTER<br>7-58 E18H | SOLAR BOOSTER<br>7-58 E36H | SOLAR BOOSTER<br>7-58 E54H |
|---------------------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Pump pressure (bar/MPa)                     | 135/13.5                   | 170/17                     | 170/17                     | 170/17                     |
| Cleaning impact (kg/force)                  | 3.8                        | 5.8                        | 5.8                        | 5.8                        |
| Water flow Qmax/Qiec (l/h)                  | 875/810                    | 1200/1110                  | 1200/1110                  | 1200/1110                  |
| Max. inlet temperature (°C)                 | 85                         | 85                         | 85                         | 85                         |
| Heating power (kW)                          | 18                         | 18                         | 36                         | 54                         |
| Pump (RPM)                                  | 1450                       | 1450                       | 1450                       | 1450                       |
| Water temperature, max. (°C)                | 85                         | 85                         | 85                         | 85                         |
| Water temperature ΔT 45°C at full flow (°C) | 19                         | 14                         | 27.8                       | 41.7                       |
| Dimensions L x W x H (mm)                   | 670 x 900 x 1077           | 670 x 900 x 1077           | 670 x 900 x 1077           | 670 x 900 x 1077           |
| Weight (kg)                                 | 150                        | 155                        | 155                        | 156                        |
| Power consumption (kW)                      | 5.8+18                     | 7.5+18                     | 7.5+36                     | 7.5+54                     |
| Voltage/phase/frequency/current (V/~/Hz/A)  | 400/3/50/36                | 400/3/50/39                | 400/3/50/65                | 400/3/50/91                |
| Nozzle size                                 | 0530                       | 0680                       | 0680                       | 0680                       |
| FEATURES                                    |                            |                            |                            |                            |
| Pistons / number of pistons                 | Ceramic / 4                | Ceramic / 4                | Ceramic / 4                | Ceramic / 4                |
| Axial pump                                  | ●                          | ●                          | ●                          | ●                          |
| Automatic start/stop                        | ●                          | ●                          | ●                          | ●                          |
| ITEM NO.                                    | 107370260                  | 107370270                  | 107370274                  | 107370276                  |



## NEPTUNE SB – Self-service



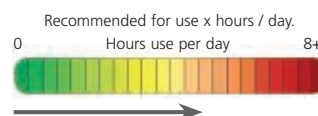
◀ The NEPTUNE SB is a self-service version of the award winning NEPTUNE 5 and with an integrated built in coin box for self-service use around service stations and garages. NEPTUNE SB is robust and shock resistant and very easy to use. Reduced running and maintenance costs will increase daily profits.

The NEPTUNE SB is the ideal mobile self-service unit, combining cleaning efficiency, serviceability and low running costs. The NEPTUNE SB is the simplest of the self-service solutions. It offers the choice of high pressure or 1 cleaning agent. The control panel can be unlocked to give access for use by authorised staff.



### The mobile self-service solution

- EcoPower boiler with > 92% efficiency
- NA5 pump
- Easy to use control panel
- Reduced air pollution
- Ergo accessory concept for optimal user comfort
- Including B.A Valve (Back Flow Preventer)
- Brass cylinder head
- Efficient motor cooling
- Tough metal frame
- QuickService concept reduces maintenance costs
- Self-service unit, use with 1 €
- Change of nozzle allows different pressure: 80/170 bar/MPa
- Two nozzles 0700/0475 included



| TECHNICAL DATA                            | NEPTUNE SB        |
|-------------------------------------------|-------------------|
| Pump pressure (bar/MPa)                   | 80/8              |
| Cleaning impact (kg/force)                | 2.7               |
| Water flow Qmax/QIEC (l/h)                | 860/800           |
| Max. inlet temperature (°C)               | 40                |
| Pump (RPM)                                | 1450              |
| Water temperature (water/steam) (°C)      | 80/-              |
| Fuel consumption, ΔT=45°C (kg/h)          | 3.8               |
| Fuel tank (l)                             | 35                |
| Dimensions L x W x H (mm)                 | 1237 x 702 x 1150 |
| Weight (kg)                               | 190               |
| Power consumption (kW)                    | 5.6               |
| Voltage/phase/frequency/current (V~/Hz/A) | 400/3/50/10.5     |
| El cable (m)                              | 5                 |
| Nozzle size                               | 0700              |
| <b>FEATURES</b>                           |                   |
| Pistons / number of pistons               | Ceramic / 3       |
| Detergent injector system                 | ●                 |
| Automatic start/stop                      | ●                 |
| <b>STANDARD EQUIPMENT</b>                 |                   |
| HP hose (DN8)                             | 101405770 [10 m]  |
| Ergo 2000 gun with swivel                 | 106403122         |
| Ergo coupling                             | 101119496         |
| Water inlet coupling*                     | 61369             |
| Universal Plus lance without HP nozzle    | 106403037         |
| Tornado Plus nozzle                       | 101119748         |
| ITEM NO.                                  | 301002023         |

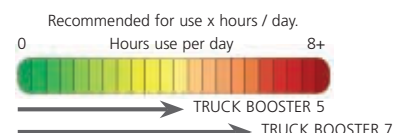


## Efficient outdoor cleaning of vehicle fleets

- Axial pump
- Brass cylinder head
- Stainless steel robust design against corrosion
- EcoPower boiler for reduced fuel consumption costs
- Simple control panel with only 4 buttons
- Ergo accessory concept for optimal user comfort
- Internal frost protection down to minus 20°C
- Compact design with small footprint
- Electronic oil measurement

◀ TRUCK BOOSTER is a simple, robust and corrosion proof stationary unit for outside placement. Enabling constant cleaning of trucks, vans, commercial and construction vehicles. Frost protected, simple to use and to service. Placed in a parking area or forecourt, the TRUCK BOOSTER offers simple, efficient and cost-effective cleaning – all year round.

The TRUCK BOOSTER is equipped with cabinet/door insulation and an electrically powered heater/fan, to prevent interior parts from freezing. The heater is controlled by its own thermostat and switches on at low temperatures only when the TRUCK BOOSTER is not running.



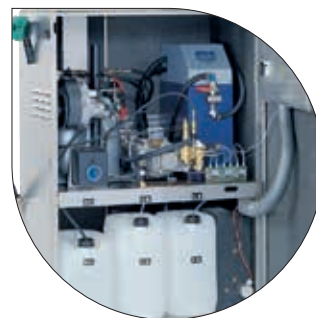
| TECHNICAL DATA                            | TRUCK BOOSTER<br>5-49 D | TRUCK BOOSTER<br>7-63 D |
|-------------------------------------------|-------------------------|-------------------------|
| Pump pressure (bar/MPa)                   | 180/18                  | 175/17.5                |
| Cleaning impact (kg/force)                | 4.9                     | 6.3                     |
| Water flow Qmax/Qiec (l/h)                | 970/930                 | 1260/1170               |
| Max. inlet temperature (°C)               | 30                      | 30                      |
| Pump (RPM)                                | 1450                    | 1450                    |
| Water temperature (water/steam) (°C)      | 90/150                  | 90/150                  |
| Fuel consumption, ΔT=45°C (kg/h)          | 4.3                     | 5.3                     |
| Fuel tank (l)                             | 33                      | 33                      |
| Detergent tank (l)                        | 2 x 25                  | 2 x 25                  |
| Dimensions L x W x H (mm)                 | 1025 x 715 x 1670       | 1025 x 715 x 1670       |
| Weight (kg)                               | 227                     | 262                     |
| Power consumption (kW)                    | 7.2                     | 8.2                     |
| Voltage/phase/frequency/current (V~/Hz/A) | 400/3/50/13.3           | 400/3/50/15.8           |
| Nozzle size                               | 0550                    | 0680                    |
| <b>FEATURES</b>                           |                         |                         |
| Pistons / number of pistons               | Ceramic / 3             | Ceramic / 4             |
| Low pump oil safety                       | ●                       | ●                       |
| Automatic start/stop                      | ●                       | ●                       |
| <b>STANDARD EQUIPMENT</b>                 |                         |                         |
| HP hose (DN10)                            | 6101766 [10 m]          | 6101766 [10 m]          |
| Ergo 2000 gun with swivel                 | 106403122               | 106403122               |
| Ergo coupling                             | 101119496               | 101119496               |
| Water inlet coupling                      | 1602945                 | 1602945                 |
| Tornado Plus lance without HP nozzle      | 106403010               | 106403010               |
| Tornado Plus nozzle                       | 101119743               | 101119747               |
| <b>ITEM NO.</b>                           | <b>107370830</b>        | <b>107370810</b>        |

## AUTO BOOSTER – Self-service



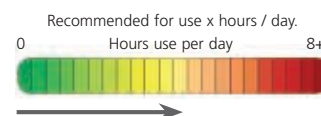
◀ A stainless steel unit in a solid and robust design and with various features. Offering low running costs and a high level of serviceability and reliability along with ease of use and optimal cleaning effect. 5 cleaning programs available. The AUTO BOOSTER can be produced in corporate colours.

The AUTO BOOSTER is equipped as standard with an internal heater and cabinet insulation for protection against cold weather. Frost protection ensures the same level of protection in even lower temperatures.



### The money maker for car washing centres, service stations and garages

- Stainless steel robust design against corrosion
- EcoPower boiler for reduced fuel consumption costs
- Up to 5 cleaning programs available
- Internal frost protection down to minus 20°C
- Closed circuit frost protection for hose and gun
- Electronic coiner pre-programmed and with teach mode
- Spring assisted boom for ease of use
- 3 m clearance height
- Self-service unit
- Water softener available as option
- Compact design with small footprint



| TECHNICAL DATA                             | AUTO BOOSTER<br>5-20 D | AUTO BOOSTER<br>5-20 E12 |
|--------------------------------------------|------------------------|--------------------------|
| Pump pressure (bar/MPa)                    | 100/10                 | 100/10                   |
| Cleaning impact (kg/force)                 | 2.0                    | 2.0                      |
| Water flow Qmax/Qiec (l/h)                 | 500/500                | 500/500                  |
| Max. inlet temperature (°C)                | 30                     | 30                       |
| Pump (RPM)                                 | 1450                   | 1450                     |
| Water temperature (water/steam) (°C)       | 60/ -                  | 60/ -                    |
| Fuel consumption, ΔT=45°C (kg/h)           | 2.4                    |                          |
| Fuel tank (l)                              | 33                     |                          |
| Detergent tank (l)                         | 3 x 25                 | 3 x 25                   |
| Dimensions L x W x H (mm)                  | 1025 x 715 x 1670      | 1025 x 715 x 1670        |
| Weight (kg)                                | 252                    | 188                      |
| Power consumption (kW)                     | 4.5                    | 16.5                     |
| Voltage/phase/frequency/current (V/~/Hz/A) | 400/3/50/10.1          | 400/3/50/28.5            |
| Nozzle size                                | 0370                   | 0370                     |
| <b>FEATURES</b>                            |                        |                          |
| Pistons / number of pistons                | Ceramic / 3            | Ceramic / 3              |
| Diesel version                             | ●                      |                          |
| Electrical version                         |                        | ●                        |
| Low pump oil safety                        | ●                      | ●                        |
| Automatic start/stop                       | ●                      | ●                        |
| Self service brush - AUTO BOOSTER          | ○ 106402241            | ○ 106402241              |
| <b>STANDARD EQUIPMENT</b>                  |                        |                          |
| HP hose (DN6)                              | 101405641 [8.2 m]      | 101405641 [8.2 m]        |
| Winter gun, - 12 bar                       | 106402243              | 106402243                |
| Water inlet coupling*                      | 61369                  | 61369                    |
| Universal Plus lance without HP nozzle     | 106403037              | 106403037                |
| Tornado Plus nozzle                        | 101119737              | 101119737                |
| ITEM NO.                                   | 107370850              | 107370860                |



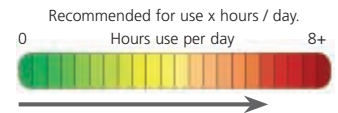


## Get your stable cleaned while you sleep!

- Cleaning time reduced by up to 80%
- Hygienic, user-friendly and self-propelled cleaning robot
- Great working pleasure
- Significant reductions in costs
- Long life C3 motor pump unit
- Managed via few commands
- Extensive alarm system

◀ The vertical cleaning arm (tower arm) is mounted on a rotary flange on the chassis and can turn 90° to each side. The horizontal arm is fixed with a swivel joint. As there is no pressure while the tower is turning, the swivel is under no stress. Both arms can be locked in fixed positions, the tower arm in 16, and the vertical arm in 13 positions.

The easy to program MULTICLEANER 7-53 is an automatic washing robot with a built in high pressure washer. The MULTICLEANER is capable of doing 80% of the cleaning tasks in sheds. Sensors direct the movement and optional kits allow the use of detergent and disinfection, or can detect objects in the washing area. The robot is easily transported from one facility to another.



| TECHNICAL DATA                             | MULTICLEANER 7-53        |
|--------------------------------------------|--------------------------|
| Pump pressure (bar/MPa)                    | 195/19.5                 |
| Cleaning impact (kg/force)                 | 5.3                      |
| Water flow Qmax/Qiec (l/h)                 | 1070/1000                |
| Pump (RPM)                                 | 1450                     |
| Max. water temperature (°C)                | 60                       |
| Effective cleaning dept (mm)               | 4800                     |
| Arm reach, min./max. (mm)                  | 1000/2000                |
| Dimensions L x W x H (mm)                  | 1500 x 615 x 1000        |
| Weight (kg)                                | 285                      |
| Power consumption (kW)                     | 6.8                      |
| Inspection walk, minimum width (mm)        | 700                      |
| Noise level LpA/LwA (dB(A))                | 83/96                    |
| Voltage/phase/frequency/current (V/~/Hz/A) | 400/3/50/16              |
| Cable length on drum (m)                   | 35                       |
| Nozzle size                                | Long distance nozzle 1.5 |
| <b>FEATURES</b>                            |                          |
| Pistons / number of pistons                | Ceramic / 4              |
| Detergent / disinfection kit               | ○ / 107341901            |
| Manual cleaning kit                        | ○ / 107341902            |
| Detection of obstacles kit                 | ○ / 107341903            |
| GSM Module kit                             | ○ / 107341900            |
| ITEM NO.                                   | 107341010                |

# MERLION – Heavy-Duty high pressure water blasters



◀ Heavy-duty high pressure water blasters offer powerful and cost efficient cleaning for professional users. Removing paint, rust, markings and graffiti on steel and concrete surfaces.

- Cleaning scaffolding material
- Cleaning construction machinery and equipment
- Removing lime scale deposits and marine growth
- Deck cleaning and cleaning of cargo hold



## Powerful and cost efficient cleaning for professional users

- Solid, galvanized and powder-coated frame
- Stainless steel top cover for protection and hose storage
- Big handle for easy maneuvering and storage of cables and hoses
- Compact design – can go through a standard size door
- Easy access to pump for service and maintenance
- Inlet filtration system



| TECHNICAL DATA                            | MERLION 350                        | MERLION 500                        |
|-------------------------------------------|------------------------------------|------------------------------------|
| Pump pressure (bar/MPa)                   | 350/35                             | 500/50                             |
| Cleaning impact (kg/force)                | 9.5                                | 16.3                               |
| Water flow (l/h)                          | 1260                               | 960                                |
| Pump (RPM -50/60 Hz)                      | 1450/1725                          | 1450/1725                          |
| Max. water temperature (°C)               | 60                                 | 60                                 |
| Power consumption (kW)                    | 20/14.7                            | 20/14.7                            |
| Voltage/phase/frequency/current (V~/Hz/A) | 380-415/3/50/22 or 380-415/3/60/26 | 380-415/3/50/24 or 380-415/3/60/24 |
| Dimensions L x W x H (mm)                 | 1210 x 750 x 960                   | 1210 x 750 x 960                   |
| Weight (kg)                               | 173                                | 173                                |
| El-cable, oil resistant (M)               | 15/15                              | 15/15                              |
| Nozzle size, straight fan 1/4"            | 1505/1505                          | 0003/0003                          |
| <b>FEATURES</b>                           |                                    |                                    |
| 20 Hp motor                               | ●                                  | ●                                  |
| Automatic start/stop with timer           | ●                                  | ●                                  |
| Triplex pump with ceramic plunges         | ●                                  | ●                                  |
| <b>STANDARD EQUIPMENT</b>                 |                                    |                                    |
| HP hose                                   | 15 m (½")                          | 15 m (½")                          |
| Lance                                     | single                             | single                             |
| Gun                                       | dry shut P.A. - model 551180       | dry shut P.A. - model 551180       |
| ITEM NO. 50 HZ                            | 700995156                          | 700995158                          |
| ITEM NO. 60 HZ                            | 700995157                          | 700995159                          |



◀ Perfect for deck cleaning and cleaning cargo holds. Furthermore, they offer dust free sandblasting. These machines are designed not only to clean surfaces, but also to blast off scale, grime, rust, graffiti and even cut through concrete.

- Removing paint, rust, markings and graffiti on steel and concrete surfaces
- Dust free sand blasting
- Concrete removal



## Be sure you have the right tool for the job

- Solid, galvanized and powder -coated frame
- Non-corrosive material used in pumps and fittings
- Unique pump design with 3 ceramic plungers
- Built-in stainless unloader/safety valve
- Start-up accumulator
- Easy access to pump for service and maintenance
- Low water level cut-off switch
- Built-in trigger gun holder and cable holder
- Drip return ensuring long seal life and drip free operation (MERMAID 800)
- Identical suction and discharge valves, easily replaceable (MERMAID 800)



| TECHNICAL DATA                                   | MERMAID 500                        | MERMAID 800                        |
|--------------------------------------------------|------------------------------------|------------------------------------|
| Pump pressure (bar/MPa)                          | 500/50                             | 800/80                             |
| Cleaning impact (kg/force)                       | 16.3                               | 13.7                               |
| Water flow (l/h)                                 | 1800                               | 1200                               |
| Pump (RPM)                                       | 1450/1725                          | 1000                               |
| Max. water temperature (°C)                      | 60                                 | 60                                 |
| Power consumption (kW)                           | 40/30                              | 40/30                              |
| Voltage/phase/frequency/current (V/~/Hz/A)       | 380-415/3/50/56 or 380-415/3/60/56 | 380-415/3/50/56 or 380-415/3/60/56 |
| Dimensions L x W x H (mm)                        | 1495 x 950 x 1235                  | 1495 x 950 x 1235                  |
| Weight (kg)                                      | 425                                | 475                                |
| El-cable, oil resistant (M)                      | 15/15                              | 15/15                              |
| Nozzle size, straight fan 1/4"                   | 0065                               | 0003                               |
| <b>FEATURES</b>                                  |                                    |                                    |
| 40 Hp motor                                      | ●                                  | ●                                  |
| 80 l water brake tank                            | ●                                  | ●                                  |
| Pneumatic wheels                                 | ●                                  | ●                                  |
| Stainless steel pump head                        | ●                                  | ●                                  |
| Built-in safety valve                            | ●                                  | ●                                  |
| Triplex pump with solid ceramic plunges          |                                    | ●                                  |
| Built-in booster pump                            |                                    | ●                                  |
| 25 micron filtration system                      |                                    | ●                                  |
| Duplex-steel valves, with stainless steel casing |                                    | ●                                  |
| <b>STANDARD EQUIPMENT</b>                        |                                    |                                    |
| HP hose                                          | 20 m (½")                          | 20 m (½")                          |
| Lance                                            | single                             | single                             |
| Gun                                              | dry shut P.A. - model 551180       | dry shut P.A - dump gun w/ by-pass |
| ITEM NO. 50 HZ                                   | 700995162                          | 700995198                          |
| ITEM NO. 60 HZ                                   | 700995163                          | 700995165                          |



# Accessories for pressure washers



## Couplings & Adapters

### Ergo System

Female 3/8"

Male 3/8"

Male stainless steel

Kit (male, female, bend restrictor)

Kit (male, female)

Packing ring 3/8"

Male 1/4" KEW nipple

### Coupling for connection off

2 HP hoses, with coupling + nipples 3/8"

### Adapters for hose to machine:

Used for external injectors,  
high pressure hoses and hose reels

1 KEW quick coupling male 3/8" -

M27 x 1.5 external thread.

Wap outlet to KEW hose

2 KEW quick coupling female 3/8" -

M27 x 1.5 internal thread.

KEW outlet to Wap hose

3 Adapter M21 external x 3/8" external

### Adapters for pistol to lance:

Used for lances, floor cleaners,  
brushes and other accessories

connected to the gun

4 Ergo gun to Wap accessory -

coupling male - M21 x 1.5

external thread

5 Wap gun to Ergo accessory -

coupling female - M21 x 1.5

internal thread

6 M22 x 1,5 gun outlet to Ergo  
accessory

1 GEKA coupling - hose end

3/4"

2 NITO coupling - hose end

3/4"

1/2"

3 GARDENA coupling - hose end

3/4"

## Item No.

106402075

1600493

1603101

101119496

101119499

1801075

1609325

4809131

66159

66160

64540

66161

66162

301000645

1311

1600659

1604669

1608629

# Accessories for pressure washers



POSEIDON 2-24 PORTABLE  
POSEIDON 2-26 PORTABLE  
POSEIDON 2-22 TJ XT  
POSEIDON 2-25 XT  
POSEIDON 2-26 XT  
POSEIDON 3-30 XT  
POSEIDON 3-40 XT  
POSEIDON 4-28 XT  
POSEIDON 4-30 XT  
POSEIDON 4-30 XT  
POSEIDON 5-41 PA XT  
POSEIDON 5-53 PA XT  
POSEIDON 5-56 PA XT  
POSEIDON 5-56 FA  
POSEIDON 5-62 PA XT  
POSEIDON 5-62 FA  
POSEIDON 6-64 FA XT  
POSEIDON 6-65 FA XT  
POSEIDON 6-79 FA XT  
POSEIDON 6-61 FFA  
POSEIDON 7-67 FFA  
POSEIDON 7-67 FFA  
POSEIDON 8-111 ST  
POSEIDON 8-125 ST  
NEPTUNE 1-22 / X  
NEPTUNE 2-33 / X  
NEPTUNE 2-41 / X  
NEPTUNE 2-26 / X SPECIAL  
NEPTUNE 2-30 / X SPECIAL  
NEPTUNE 4-25 FAX  
NEPTUNE 4-43 FAX  
NEPTUNE 4-50 FAX FAX  
NEPTUNE 4-55 FAX FAX  
NEPTUNE 5-50 FAX FAX / NEPTUNE 5 SB  
NEPTUNE 5-53 FAX FAX  
NEPTUNE 7-63 FAX FAX2  
NEPTUNE 8-103  
NEPTUNE E 12 / 24  
POSEIDON 2-31 PE / XT  
POSEIDON 2-36 PE / XT  
POSEIDON 5-53 PE / XT  
POSEIDON 5-67 PE / XT  
POSEIDON 5-54 DE  
NEPTUNE 5-46 PE  
NEPTUNE 5-56 PE  
NEPTUNE 7-61 PE  
NEPTUNE 5-51 DE  
NEPTUNE 7-66 DE  
NEPTUNE 7-72 DE  
NEPTUNE 7-72 DE  
ALPHA BOOSTER 3-26  
ALPHA BOOSTER 3-41  
ALPHA BOOSTER 5-49  
ALPHA BOOSTER 8-103  
UNO / DUO BOOSTER  
DELTA BOOSTER  
DELTA BOOSTER 5-57 D  
SOLAR BOOSTER 7-58 D  
SOLAR BOOSTER 8-103 D  
SOLAR BOOSTER 5-45 G  
SOLAR BOOSTER 7-58 G  
SOLAR BOOSTER 7-58 G  
SOLAR BOOSTER 7-58 E 184/7-58 E 184/7-58 E 184/7-58 E 54H

## Couplings & Adapters



1 GEKA coupling, int. thread

3/4"



2 NITO coupling, int. thread

3/4"



3 GARDENA coupling, int. thread

3/4"



4 Universal brass coupling

internal thread 3/4"



Special water supply hose,

black/yellow stripe

by metre

Oil resistant, abrasion-resistant, 3/4"



Hoses

High pressure hose

for 3/8" Ergo couplings. DN6

10 m Single wire (3/8" x 3/8")

15 m Single wire

15 m Single wire (3/8" x Swivel) (XT-models)



High pressure hose, Ø 5/16"

for 3/8" Ergo couplings. DN8

10 m Single wire

20 m Single wire

10 m Double wire

15 m Double wire

20 m Double wire



Double wire hose, Ø 3/8"

for 3/8" Ergo couplings. DN10

1 m

2 m

3 m

5 m

10 m

15 m

20 m

25 m

30 m

50 m

Item No.

1718

1602945

32541

61369

6465

301002275\*

101117763\*

101406176

1405569\*

1405666

101405770\*

301001100\*

301001101\*

1402916

1402924

1402932

1402940

6101766\*

1402064\*

1402072\*

1402080

1402098

1402759



10 m  
15 m  
20 m

[illegible]Ergo 2000 Standard  
Ergo 2000 VarioPress (PA-models)

.....

## Swivel for gun

Ergo 3000 gun, Max 40 l/min.

Ergo 3000, swivel lock

Ergo 3000 VarioPress, swivel lock



12 bar - for AUTO BOOSTER 5-20 D

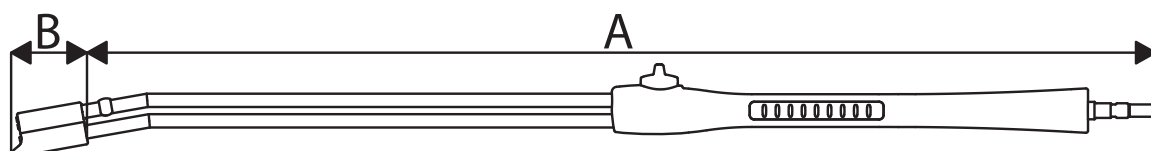
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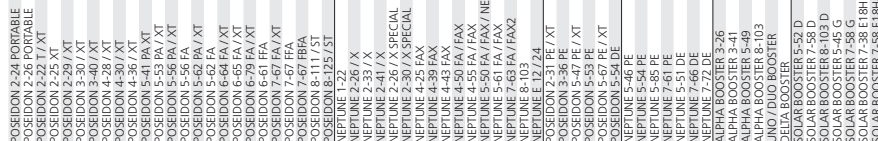
Adaptable to left or right handed  
use, long or short reaches.

Fits to all Plus lances

A = The length measured from the back of the nozzle head to the lance nipple.  
B = The length of nozzle head / nozzle protection.  
A + B = The total length.







## Item No.



for flushing.

Length = 100 - Bend  
=====

0340 - Violet

.....

For work on scaffold and narrow areas.



0750 - Skin Red

```
length = 112
```

Length = 98  
.....

(without HP nozzle)

pressure detergent function

Straight - Length = 108

# Accessories for pressure washers



## Lances

### TurboHammer Plus lance

Rotary jet increases cleaning effect,

max. temp. 60°C (incl. nozzle)

L = 95 - 0350 W12 - Bordeaux

L = 113 - 0450 W11 - Light Blue

L = 113 - 0500 W11 - Yellow

L = 113 - 0550 W11 - Neon Green

L = 113 - 0600 W11 - Metallic Blue

L = 113 - 0700 W11 - Red Orange

L = 113 - 0800 W11 - Beige

L = 113 - 1000 W11 - Graphite Black

L = 113 - 0350 W12 - Bordeaux

L = 113 - 0370 W12 - Bronze

L = 113 - 0400 W12 - Metallic Grey

L = 113 - 0500 W12 - Yellow

L = 113 - 0550 W12 - Neon Green

W11 = 5.5 cm dia. nozzle head

W12 = 4 cm dia. nozzle head

### Short spray lances

(without 1/8 " NPT-HP nozzle)

For cleaning of motors and hard to reach areas

1 Short simple lance, 100 mm

High pressure only, without nozzle

2 FlexoPower lance, 100 mm

Pressure regulation at the nozzle head, without nozzle

3 Double short lance, 100 mm

Adjustable pressure, without HP nozzle

### Long reach lance, 1500 mm

Projects a concentrated waterstream

up to 3-4 m from nozzle, incl. 0640 nozzle\*

0640 nozzle for long reach lance

### Curved lance, 1090 mm

For vehicle underchassis, with 8010 nozzle

## Item No.

106403077

106402290

106402291

106402292

106402293

106402294

106402295

106403078

106403001

106408222

106403002

106403003

106408220

106402151

106402152

106402150

6401193

2802696

6402016

# Accessories for pressure washers



## Nozzles



**TurboHammer only nozzle 1/8"**

Fits all Universal Plus lances

max. temp. 60°C

0450 W11 - Light Blue

0500 W11 - Yellow

0550 W11 - Neon Green

0600 W11 - Metallic Blue

0700 W11 - Red Orange

0800 W11 - Beige

1000 W11 - Graphite Black

1100 W11 - Orange

0275 W12 - Dark Brown

0350 W12 - Bordeaux

0370 W12 - Bronze

0400 W12 - Metallic Grey

0450 W12 - Light Blue

0500 W12 - Yellow

0550 W12 - Neon Green

W11 = 5.5 cm dia. nozzle head

W12 = 4 cm dia. nozzle head



**Standard nozzle 0° 1/8" NPT**

04

05

06

07



**Standard nozzle 15° 1/8" NPT**

04

05

06

07



**Standard nozzle 25° 1/8" NPT**

03

034

04

045

05

055

06

07

075

08

085

09



**Standard nozzle, 50°, 1/8" NPT**

04

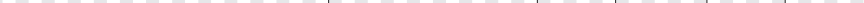
06

07

**Item No.**



[illegible][illegible][illegible]

|                                            |                                                                                      |      |
|--------------------------------------------|--------------------------------------------------------------------------------------|------|
| Vario nozzle casing<br>(without HP nozzle) |  | 5888 |
|--------------------------------------------|--------------------------------------------------------------------------------------|------|

[illegible]

1/8" NPT

## Accessories for pressure washers

[illegible]

## Accessories for pressure washers



## Filters



1 Suction hose filter with 3 m hose 3/4" with footvalve/non return valve



2 Suction filter with footvalve,  
excl. hose

## Hose Reels



Hose reel kit - standard on X models



## ② Hose reel brake and guide kit for P 5-6-7 XT

Hose reel kit for POSEIDON 6 &amp; 7 FFA/FBFA

POSEIDON 3

POSEIDON 4

POSEIDON 5, max. 20 m DN8



**3 POSEIDON 7 & 8, black, powder-coated,**  
incl. connection hose, 1800 mm  
For max. 20 m DN10 hoses  
For old P 7 & 8 models



**4 POSEIDON 7 & 8, stainless steel**  
incl. connection hose, 1800 mm  
For max. 20 m DN10 hoses  
For old P 7 & 8 models

NEPTUNE 1-2 complete kit, max 20 m

NEPTUNE 4 hose reel kit, max 20 m



## 5 NEPTUNE 5/7/8 hose reel kit



**6 NEPTUNE 5/7/8/E hose + cord reel kit**  
For max. 20 m DN10 hoses

All hose reels are delivered WITHOUT hose



Hose drum retractable, with 20 m DN10 hose  
Painted blue, incl. wall bracket.  
Without connection hose  
Weight = 33 kg  
Dimensions L x W x H = 550 x 220 x 550 mm  
Max pressure 276 bar, max 100°C



Hose drum stainless steel, retractable w/bracket

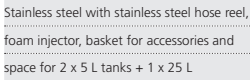
Without hose (max 20 m DN10 hose)

Without connection hose



1 Up to 50 m, 3/8", DN10 with 3/8"

N.B: Without hose!



## Basic Cleaning Equipment

① For cleaning of lorry, bus, bodywork, etc. With pressure regulation for detergent.

155 cm long

② Fits to all Universal Plus lances

SelfService Brush - AUTO BOOSTER

## Attachment for cleaning

With pressure/detergent control.

055, 80 cm long

055, 170 cm lon

065, 80 cm long

065, 170 cm lon

Natural short hair, soft brush

Natural long hair, very soft br

Nylon long hair, hard

# Accessories for pressure washers



## Basic Cleaning Equipment

### Wheel kit

Wheel kit, complete for NEPTUNE PE/DE

For small frame

Wheel kit, complete for NEPTUNE PE/DE

For large frame

Front wheel kit for POSEIDON 5-6-7

### Under carriage washer

With nozzle 40065

Swivel wheels allow you to clean under large vehicles with ease

### HydroScrub

① P300 P - light weight model. - Ø300

Max 200 bar, Water flow 420-750 ltr/h.

Incl. 6 nozzles, Max 60 C°

② P300 H - Ø300

Handheld model for cleaning tables, walls, etc.

Max 200 bar, Water flow 420-750 ltr/h

Incl. 6 nozzles, Max 60 C°

③ HydroScrub S 500 - Ø500 without nozzles

### Soft Blasting

① Softblasting lance

For removal of graffiti or rust

from glass, metal and concrete

05 nozzle

06 nozzle

② Armex™ Powder (blasting agent)

For softblasting kit, 25 kg

③ Pickup and hose

To have a complete kit, you must have

① + ② + ③

### Item No.

106268075

106239901

106403145

6400036

106403155

106403156

106411313

6401233

6401234

5218617

6400375





# Accessories for pressure washers



## Chemical Equipment

Foam injector with by pass

For external injection of foaming

detergent products > 850 L/h

Stainless steel

Extension hose 30 cm with Ergo coupling\*

To be used with foam lance

Foam injector

Standard > 850 L/h

For POSEIDON 2 PORTABLE, 3 & 4. Max 1150 l/h

For aggressive liquids (e.g. Chlorinated)

Extension hose 30 cm with Ergo coupling\*

To use with foam lance

02 injector - low pressure

Machines < 850 L/h

POSEIDON 8 injector > 1150 l/h

Extension hose 30 cm with Ergo coupling\*

03 injector - low pressure

Extension hose 30 cm with Ergo coupling\*

Perfect solution for large machines

when high accuracy is required.

3% fixed dosing injector - low pressure

Extension hose 30 cm with Ergo coupling\*

Foam sprayers

Foam sprayer, fixed dosing, 1 L

Up to max. 750 L/h, max 60°C

Extra bottle 1 L - without lid

Foam sprayer, 1-10% dosing, 2 L

Up to max. 1000 L/h, max 60°C

Extra bottle 2 L - without lid

Item No.

6401242

6401243

301001311

6401244

6410879

6401245

301001311

6401246

106402248

301001311

6401247

301001311

6401092

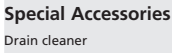
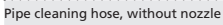
301001311

106408159

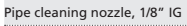
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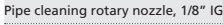
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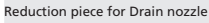
|                                      |            |              |           |     |   |           |
|--------------------------------------|------------|--------------|-----------|-----|---|-----------|
| 10 m/DN4 hose + adapter for Ergo Gun | ○○○○○○○○○○ | ○○○○○○○○○○○○ | ○○○ ○○○○○ | ○○○ | ○ | 301002490 |
| 20 m/DN4 hose + adapter for Ergo Gun | ○○○○○○○○○○ | ○○○○○○○      | ○○○ ○○○○○ | ○○○ | ○ | 301002491 |
| 30 m/DN4 hose + adapter for Ergo Gun | ○○○○○○○○○○ | ○○○○○○○      | ○○○ ○○○○○ | ○○○ | ○ | 301002492 |
| Outside Ø 9,1 mm hose                |            |              |           |     |   |           |
| Outside Ø 10,7 mm hose on connection |            |              |           |     |   |           |

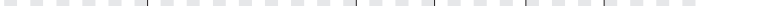
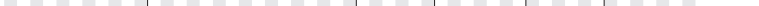


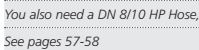
|                                 |            |              |     |       |     |   |   |       |
|---------------------------------|------------|--------------|-----|-------|-----|---|---|-------|
| For use with DN 4 Hose          | ○○○○○○○○○○ | ○○○○○○○○○○○○ | ○○○ | ○○○○○ | ○○○ | ○ | ○ | 46921 |
| Nozzle length 20 mm, Ø 12 mm    |            |              |     |       |     |   |   |       |
| Round nozzle top, without holes |            |              |     |       |     |   |   |       |
| 3 holes in side of nozzle       |            |              |     |       |     |   |   |       |
| 3 x 1.04 mm                     |            |              |     |       |     |   |   |       |
| (Total 0640 Nozzle)             |            |              |     |       |     |   |   |       |



|                                |           |         |           |            |       |
|--------------------------------|-----------|---------|-----------|------------|-------|
| For use with DN 4 Hose         | ○○○○○○○○○ | ○○○○○○○ | ○○○ ○○○ ○ | ○○○ ○ ○ ○○ | 46918 |
| Length 25 mm, Ø 12 mm          |           |         |           |            |       |
| Flat nozzle top, without holes |           |         |           |            |       |
| 4 holes in side of nozzle      |           |         |           |            |       |
| 2 x 1.21 mm + 2 x 0.85 mm      |           |         |           |            |       |
| (Total 0800 Nozzle)            |           |         |           |            |       |



|   |                                          |                                                                                      |         |
|---|------------------------------------------|--------------------------------------------------------------------------------------|---------|
| 1 | Adapter 3/8" Male for hose for Ergo guns |  | 6401067 |
| 2 | 045 Loose nozzle, 3/8"                   |  | 2800431 |
| 2 | 05 Loose nozzle, 3/8"                    |  | 2800084 |
| 2 | 06 Loose nozzle, 3/8"                    |  | 2800894 |



|                                 |   |   |   |   |   |   |   |   |         |
|---------------------------------|---|---|---|---|---|---|---|---|---------|
| Water and sludge suction system |   |   |   |   |   |   |   |   |         |
| Up to 300 L/min                 |   |   |   |   |   |   |   |   |         |
| 05                              | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | 6402017 |
| 06                              |   |   |   | ○ |   | ○ | ○ | ○ | 6402018 |

Ideal for emptying flooded basements  
or swimming pools. Extracts stones  
(up to 20 mm), sludge, dirt, sand,  
algae and sediment

[illegible]





**Automatic Control Units**

Operating hours counter , 24V - 50 Hz, 7 pcs.



|                                             |  |
|---------------------------------------------|--|
| POSEIDON 2-24 PORTABLE                      |  |
| POSEIDON 2-26 PORTABLE                      |  |
| POSEIDON 2-22 TJ / XT                       |  |
| POSEIDON 2-55 / XT                          |  |
| POSEIDON 2-26 / XT                          |  |
| POSEIDON 3-30 / XT                          |  |
| POSEIDON 3-40 / XT                          |  |
| POSEIDON 4-28 / XT                          |  |
| POSEIDON 4-30 / XT                          |  |
| POSEIDON 4-30 / XT                          |  |
| POSEIDON 4-30 / XT                          |  |
| POSEIDON 5-53 PA / XT                       |  |
| POSEIDON 5-56 PA / XT                       |  |
| POSEIDON 5-56 PA / XT                       |  |
| POSEIDON 5-62 PA / XT                       |  |
| POSEIDON 6-64 FA / XT                       |  |
| POSEIDON 6-65 FA / XT                       |  |
| POSEIDON 6-79 FA / XT                       |  |
| POSEIDON 7-61 FFA                           |  |
| POSEIDON 7-67 FFA                           |  |
| POSEIDON 7-67 FFA                           |  |
| POSEIDON 8-111 / ST                         |  |
| POSEIDON 8-125 / ST                         |  |
| NEPTUNE 1-22 / X                            |  |
| NEPTUNE 1-33 / X                            |  |
| NEPTUNE 2-41 / X                            |  |
| NEPTUNE 2-26 / X SPECIAL                    |  |
| NEPTUNE 2-30 / X SPECIAL                    |  |
| NEPTUNE 4-25 FAX                            |  |
| NEPTUNE 4-43 FAX                            |  |
| NEPTUNE 4-50 FA / FAX                       |  |
| NEPTUNE 4-55 FA / FAX                       |  |
| NEPTUNE 5-50 FA / FAX / NEPTUNE 5 SB        |  |
| NEPTUNE 5-50 FA / FAX                       |  |
| NEPTUNE 7-63 FA / FAX2                      |  |
| NEPTUNE 8-103                               |  |
| NEPTUNE E 12 / 24                           |  |
| POSEIDON 2-31 PE / XT                       |  |
| POSEIDON 3-36 PE / XT                       |  |
| POSEIDON 5-53 PE / XT                       |  |
| POSEIDON 5-67 PE / XT                       |  |
| POSEIDON 5-54 DE                            |  |
| NEPTUNE 5-46 PE                             |  |
| NEPTUNE 5-56 PE                             |  |
| NEPTUNE 7-61 PE                             |  |
| NEPTUNE 5-51 DE                             |  |
| NEPTUNE 7-66 DE                             |  |
| NEPTUNE 7-72 DE                             |  |
| ALPHA BOOSTER 3-26                          |  |
| ALPHA BOOSTER 3-41                          |  |
| ALPHA BOOSTER 5-49                          |  |
| ALPHA BOOSTER 8-103                         |  |
| UNO / DUO BOOSTER                           |  |
| DELTA BOOSTER                               |  |
| SOLAR BOOSTER 5-57 D                        |  |
| SOLAR BOOSTER 7-58 D                        |  |
| SOLAR BOOSTER 8-103 D                       |  |
| SOLAR BOOSTER 5-45 G                        |  |
| SOLAR BOOSTER 7-58 G                        |  |
| SOLAR BOOSTER 8-103 G                       |  |
| SOLAR BOOSTER 5-57 BU                       |  |
| SOLAR BOOSTER 7-58 E 184/7-58 E36/7-58 E54H |  |

Item No.  
42628

**Remote control\***

with cable

With 1 control unit, 4 illuminated

buttons + OFF (1 x detergent)

NEPTUNE 5, 7, 8 & E

## Liquid sprayers



1.5



8P



5S

10SP

20S

| TECHNICAL DATA               | 1.5   | 8P    | 5S      | 10SP <sup>1)</sup> | 20S     |
|------------------------------|-------|-------|---------|--------------------|---------|
| Pump pressure (bar)          | 2     | 4     | 6       | 6                  | 6       |
| Tank capacity (l)            | 1.25  | 8     | 5       | 10                 | 20      |
| Working pressure (bar/psi)   | 2/29  | 3/43  | 6/87    | 6/87               | 6/87    |
| Max. water temperature (°C)  | 30    | 40    | 50      | 30                 | 50      |
| Length of hose (m)           | -     | 1.3   | 1       | 2                  | 4       |
| Seal                         | Viton | Viton | Viton   | Viton              | Viton   |
| Compressed air connection    | No    | No    | Yes     | Yes                | Yes     |
| With hand pump               | Yes   | Yes   | Yes     | Yes                | Yes     |
| Metal nozzle with regulation | Yes   | Yes   | Yes     | Yes                | Yes     |
| Diameter (mm)                | 130   | 200   | 190     | 210                | 210     |
| Height (mm)                  | 300   | 620   | 455     | 545                | 770     |
| Weight (kg)                  | 0.4   | 2.2   | 3.1     | 6.6                | 7.7     |
| ITEM NO.                     | 80853 | 25598 | 7110005 | 7110010            | 7110020 |

| ACCESSORIES                         | 1.5 | 8P | 5S            | 10SP <sup>1)</sup> | 20S           |
|-------------------------------------|-----|----|---------------|--------------------|---------------|
| Pistol valve (excl. hose and lance) |     |    | ● / 7110420   |                    |               |
| Pistol valve (excl. hose and lance) |     |    |               | ● / 7110403        | ● / 7110403   |
| Manual pump, complete               |     |    | ● / 7110241   |                    | ○ / 7110241   |
| Lance 50 cm with flat jet nozzle    |     |    | ● / 4810327   | ● / 4810327        | ● / 4810327   |
| Spray gun, Pro acces                |     |    | ○ / 4810328   | ○ / 4810328        |               |
| Foam nozzle G 1/4                   |     |    | ○ / 308000057 | ○ / 308000057      | ○ / 308000057 |

<sup>1)</sup> The 10SP is a stainless steel tank for durability, with a polyethylene internal liner for use with detergents containing chlorine or those with a pH below 3.



## TRK 25 - for excellent cleaning results

- Cleaning head for tank, barrel and containers
- Nickel-plated brass\*
- Electric drive\*\*
- 360° cleaning head reaches every corner inside the tank
- Optional, double handle for easy use
- Optional nozzles



| TECHNICAL DATA           | TRK 25         |
|--------------------------|----------------|
| Max. flow rate (l/h)     | 2400           |
| Operating pressure (bar) | 180            |
| No. of nozzles (pieces)  | 2              |
| Connected load (V)       | 230            |
| Drive (kW)               | 0.056 electric |
| Lenght (mm)              | 1000           |
| ITEM NO.                 | 7847           |



## Brake & part washer - B23 STAINLESS



◀ Cleaning takes place with the help of hot water and detergent under low pressure. In this way harmful dust, oil, grease and dirt are bound and removed in one operation. The B23 Stainless can be moved freely in the workshop – independently of water and power supplies. One filling of compressed air and detergent is sufficient for 10-20 cleaning jobs. The tray can be turned horizontally and the height adjusted. This means that the brake washer is suitable for lorries as well as cars.

The mobile brake washer for cleaning of brake and spare parts in garages or workshops without risk of breathing hazardous dust. With B23 Stainless brake washer quick, easy and environmentally friendly cleaning of brake and clutch parts is possible.



### Makes your cleaning of brakes and clutch parts fast and easy

- 23 l tank for good working capacity
- Stainless steel heating tank against corrosion
- Independent cleaning
- Adjustable cleaning basket
- Max. temperature 85°C hot water cleaning of oils and grease
- Insulated tank keeps water warm



| TECHNICAL DATA                                      | B23 STAINLESS   |
|-----------------------------------------------------|-----------------|
| Pump pressure (bar/MPa)                             | 6/0.6           |
| Water flow Q <sub>max</sub> /Q <sub>IEC</sub> (l/h) | 90/90           |
| Water temperature (water/steam) (°C)                | 15-85           |
| Tank capacity (l)                                   | 23              |
| Hose length (m)                                     | 3               |
| Dimensions L x W x H (mm)                           | 350 x 450 x 220 |
| Heating element (W)                                 | 2000            |
| Heating time (min)                                  | 40              |
| Weight (kg)                                         | 55              |
| Voltage/phase/frequency/current (V/~/Hz/A)          | 230/1/50/9      |
| ITEM NO.                                            | 106403134       |



Nilfisk-ALTO stationary solutions are incredibly flexible. Through careful planning of the installation, it is possible not only to work in the general vicinity of the pressure washer, but also to work at various locations throughout your premises by using a pipework system, allowing one or more users to clean at long distances away from the machine.

The pressure washer can thus be stored in the plant, away from processing equipment, or non-authorised personnel. The planning of a good installation can provide users with multiple outlets and allow the introduction of detergents and sanitisers.

Thus, when moving from one cleaning point to another... you simply disconnect the hose and gun and move to the next site... without transporting an unwieldy pressure washer with you.

You may be interested in **maintaining** hygiene levels in a slaughterhouse, kitchen or processing plant.

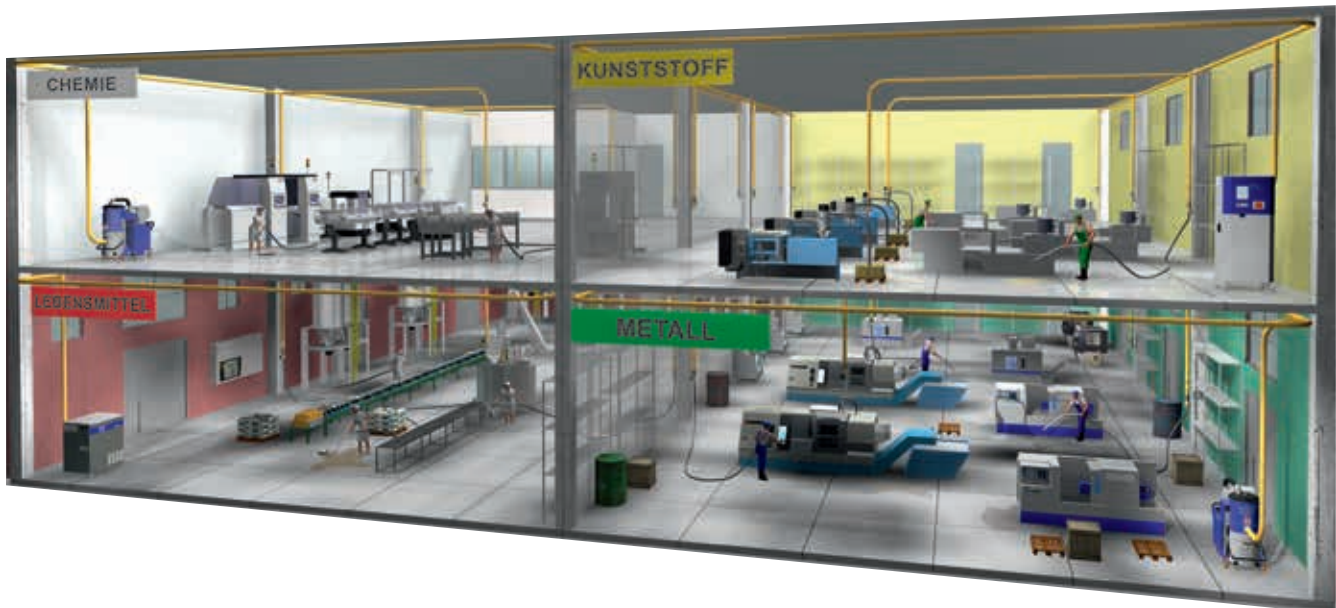
You may be interested in **degreasing** metal components in an industrial site.

You may be interested in **adding the final cleaning touch** to vehicles at the end of the production process.

But you are definitely also interested in **rationalising** your cleaning process.

Nilfisk-ALTO stationary pressure washers can help you do just that!

Machines can easily be installed in any location around the site. A carefully planned and optimised piping system will then ensure that you can easily and quickly clean at any area of your installation.



## Stationary units offer numerous advantages

- Units are pre-set for your own needs. Individual users do not need to modify the settings, reducing the risk of error and reducing necessary training time of personnel.
- No need to transport machines from one end of the site to the other.
- No need to purchase several mobile machines to fulfil all cleaning applications.
- The placing of an outlet hose/lance/accessories at each cleaning point means that each user can be operational in seconds, reducing preparation time and labour costs.
- When using pressure washers, chemicals can be applied directly at each site, avoiding transport of detergents manually or through pipework.
- Careful planning can mean that for one machine, up to 6 or more people can work at any given time.

## Increased flexibility with Nilfisk-ALTO options

The UNO, DUO, ALPHA and SOLAR BOOSTERS can be equipped with an electronic control board. This gives the possibility to use a wide range of FACTORY-MOUNTED options and equipment such as remote control, coin boxes, pressure relief...

The use of options means that a standard machine is quickly and easily configured to become a customer-specific solution.



| Option                             | Description                                                                                                                                                                                                                                                                         | UNO BOOSTER | UNO BOOSTER EXTENDED                                          | DUO BOOSTER | DUO BOOSTER 7-121                                             | ALPHA BOOSTER 5 | SOLAR BOOSTER D/G                                             | SOLAR BOOSTER E/G                                             |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------------------------------------------------|-------------|---------------------------------------------------------------|-----------------|---------------------------------------------------------------|---------------------------------------------------------------|
|                                    |                                                                                                                                                                                                                                                                                     | Item No.    | Item No.                                                      | Item No.    | Item No.                                                      | Item No.        | Item No.                                                      | Item No.                                                      |
| High Pressure detergent manual use | Injection of detergent under high pressure, manually controlled at the machine.                                                                                                                                                                                                     | 107340903   | 107340903                                                     | 107340903   | 107340903                                                     | na              | 107340903                                                     | na                                                            |
| 1 x detergent, electronic          | Injection of 1 x detergent under high pressure controlled by solenoid valve and dosing unit. Detergent can be activated at a remote control unit or coin box.<br>NOTE:<br>For the DUO BOOSTER, the activation of detergent will only lead to the use of 1 of the 2 pumps' capacity. | na          | 107340900<br><br>Also need: Remote control box with 3 buttons | na          | 107340906<br><br>Also need: Remote control box with 3 buttons | 107360900*      | 107370952<br><br>Also need: Remote control box with 4 buttons | 107370952<br><br>Also need: Remote control box with 4 buttons |
| 2 x detergent                      | Injection of 2 x detergent under high pressure controlled by solenoid valve and dosing unit. Detergent can be activated at a remote control unit or coin box. NOTE:<br>For the DUO BOOSTER, the activation of detergent will only lead to the use of 1 of the 2 pumps' capacity.    | na          | 107340901<br><br>Also need: Remote control box with 4 buttons | na          | 107340907<br><br>Also need: Remote control box with 4 buttons | 107360901*      | 107370953<br><br>Also need: Remote control box with 5 buttons | 107370953<br><br>Also need: Remote control box with 5 buttons |
| Pressure relief                    | If the system is not in use for 10 minutes (or 20 seconds after the system closes down), a valve opens and relieves the pressure in the high pressure piping line. The entire system is free of pressure and must afterwards be started again.                                      | na          | 107340902                                                     | 107340902   | 107340902                                                     | na              | 107370966                                                     | 107370966                                                     |
| No-Scale                           | Prevents scale in the boiler or internal water tank.                                                                                                                                                                                                                                | na          | na                                                            | na          | na                                                            | na              | 107370958                                                     | 107370958                                                     |
| Low water security                 | Pressure switch on water inlet of the stationary unit. Set to 1 bar. Inlet water lower than 1 bar - the motor pump stops avoiding the unit running in "dry" mode.                                                                                                                   | 107340905   | 107340905                                                     | 107340905   | 107340905                                                     | na              | 107340905                                                     | Standard                                                      |
| Control kit                        | Option control kit for detergent, coin box, remote control with ALPHA BOOSTER 5                                                                                                                                                                                                     | na          | na                                                            | na          | na                                                            | 107360902       | na                                                            | na                                                            |





| Option                              | Description                                                                                                                                            | UNO<br>BOOSTER | UNO<br>BOOSTER<br>EXTENDED | DUO<br>BOOSTER | DUO<br>BOOSTER<br>7-121 | ALPHA<br>BOOSTER 5 | SOLAR<br>BOOSTER D/G                 | SOLAR<br>BOOSTER<br>E/G              |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------------------|----------------|-------------------------|--------------------|--------------------------------------|--------------------------------------|
|                                     |                                                                                                                                                        | Item No.       | Item No.                   | Item No.       | Item No.                | Item No.           | Item No.                             | Item No.                             |
| Cold/Warm<br>switchover             | Allows double water inlet (either hot or cold) and switchover between sources.                                                                         | na             | 107340915                  | na             |                         | na                 | na                                   | 107370959 (E)                        |
| Water inlet security                | Comprises of a magnetic valve on the water tap, 5 m cable and a 24v, DC plug. If the hose breaks, the valve on the tap closes, preventing water spill. | 107340910      | 107340910                  | 107340910      | 107340910               | na                 | 107340910                            |                                      |
| Remote control<br>boxes             | On-Off = 2 buttons                                                                                                                                     | 107340911      | 107340911                  | 107340911      | 107340911               | 107340911*         | 107340911                            | 107340911                            |
|                                     | On-Off + 1 function<br>(burner or option ) = 3 buttons                                                                                                 | na             | 107340912                  | na             | 107340912               | 107340912*         | 107340912                            | 107340912                            |
|                                     | On-Off + 2 functions<br>(burner or option ) = 4 buttons                                                                                                | na             | 107340913                  | na             | 107340913               | 107340913*         | 107340913                            | 107340913                            |
|                                     | On-Off + 3 functions<br>(burner or option ) = 5 buttons                                                                                                | na             | 107340914                  | na             | 107340914               | na                 | 107340914                            | 107340914                            |
|                                     | Mains cut off button                                                                                                                                   | 29277          | 29277                      | 29277          | 29277                   | na                 | 29277                                | 29277                                |
| Coin boxes                          | Mechanical, simple on-off, €½                                                                                                                          | 54328          | 54328                      | 54328          | 54328                   | 54328*             | 54328                                | 54328                                |
|                                     | Mechanical, simple on-off, €1                                                                                                                          | 54329          | 54329                      | 54329          | 54329                   | 54329*             | 54329                                | 54329                                |
|                                     | Mechanical, simple on-off, Tokens                                                                                                                      | 54330          | 54330                      | 54330          | 54330                   | 54330*             | 54330                                | 54330                                |
|                                     | Mechanical, on-off + 1 detergent, €½                                                                                                                   | 54332          | 54332                      | 54332          | 54332                   | 54332*             | 54332                                | 54332                                |
|                                     | Mechanical, on-off + 1 detergent, €1                                                                                                                   | 54333          | 54333                      | 54333          | 54333                   | 54333*             | 54333                                | 54333                                |
|                                     | Mechanical, on-off + 1 detergent, Token                                                                                                                | 54334          | 54334                      | 54334          | 54334                   | 54334*             | 54334                                | 54334                                |
| Kit for coin box                    | It allows the mounting of mechanical coin boxes on UNO and DUO BOSTER Basic versions.                                                                  | 107340908      | 107340908                  | na             | na                      | na                 | na                                   | na                                   |
|                                     | FROST PROTECTION Standard<br>(Water wasted/no recirculation) Requires a built-in pressure relief.                                                      |                | 107370954                  |                | 107370954               | na                 | 107370954                            | 107370954                            |
|                                     | FROST PROTECTION Deluxe<br>with heater                                                                                                                 |                | 107370955                  |                | 107370955               | na                 | 107370955                            | 107370955                            |
| M.M.O.                              | Allows connection of up to 3 SOLAR BOOSTER units together.                                                                                             |                |                            |                |                         |                    | 107370964                            | 107370964                            |
| Closed air intake for<br>gas models |                                                                                                                                                        |                |                            |                |                         |                    | 107370965                            | 107370965                            |
| Stainless steel cabinet<br>parts    |                                                                                                                                                        |                |                            |                |                         |                    | 107370963 (G/GH)<br>107370962 (D/EH) | 107370963 (G/GH)<br>107370962 (D/EH) |

# Accessories for stationary pressure washer solutions



| Basic equipment | Desired pressure | Desired flow | No. of pumps required | Item No. |
|-----------------|------------------|--------------|-----------------------|----------|
|-----------------|------------------|--------------|-----------------------|----------|

Colour coded lance system for DELTA BOOSTER  
regulation for pressure and flow

DELTA BOOSTER lance, 160 bar, 930 mm

|        |     |       |     |         |
|--------|-----|-------|-----|---------|
| White  | 27  | 1.020 | 1   | 6300846 |
| Black  | 27  | 2.100 | 2   | 6300847 |
| Brown  | 50  | 1.020 | 1   | 6300848 |
| Green  | 53  | 1.980 | 2   | 6300849 |
| Blue   | 80  | 1.020 | 1   | 6300850 |
| Red    | 80  | 1.620 | 1.5 | 6300851 |
| Orange | 107 | 1.020 | 1   | 6300852 |
| Yellow | 107 | 1.560 | 1.5 | 6300853 |
| Chrome | 152 | 1.020 | 1   | 6300870 |

|                   |                      |  |  |       |
|-------------------|----------------------|--|--|-------|
| Water intake hose | R3/4"-2.5 m (1xGEKA) |  |  | 11427 |
|-------------------|----------------------|--|--|-------|

|                      |  |  |  |           |
|----------------------|--|--|--|-----------|
| Feet for UNO BOOSTER |  |  |  | 107303119 |
|----------------------|--|--|--|-----------|

Stainless steel cabinet for

ALPHA BOOSTER 3, ALPHA BOOSTER 5

107360903

## TRUCK BOOSTER

|                                                                      |  |  |  |           |
|----------------------------------------------------------------------|--|--|--|-----------|
| Insulation pad kit                                                   |  |  |  | 107370975 |
| Anti-frost closed circuit kit                                        |  |  |  | 107370971 |
| Remote control box, four buttons<br>(stop, on, hot water, detergent) |  |  |  | 107370973 |
| Anti-calc kit                                                        |  |  |  | 107370974 |

## Self-service application accessories -

### AUTO BOOSTER

|                                  |         |  |  |           |
|----------------------------------|---------|--|--|-----------|
| Self-service brush attachment    |         |  |  | 106402241 |
| Spray lance for brush attachment | 1020 mm |  |  | 106402169 |
| Water softener for AUTO BOOSTER  |         |  |  | 107370970 |
| Coin counter                     |         |  |  | 107370976 |

Fuel supply

|                          |  |  |  |       |
|--------------------------|--|--|--|-------|
| Gas threshold hose, 3/4" |  |  |  | 54026 |
|--------------------------|--|--|--|-------|

Swivel arm, wall on ceiling mounted

Ceiling boom

|                                                                         |                 |  |  |           |
|-------------------------------------------------------------------------|-----------------|--|--|-----------|
| ① Swivel arm, ceiling boom 1750 mm                                      | Stainless steel |  |  | 37871     |
| ② Swivel arm, ceiling dual 1600/1750 mm - Inlet 1/4" - Outlet 1/4"      | Stainless steel |  |  | 309000209 |
| ③ Swivel arm, wall boom, right side, 2000 mm - Inlet 1/4" - Outlet 1/4" | Stainless steel |  |  | 37742     |







A close-up photograph showing a hand holding a blue microfiber cloth, wiping a stainless steel knife. Below the hand, a black-handled brush with a light blue bristle head is shown cleaning a dark, reflective surface, likely a kitchen sink or countertop. A thick plume of white steam or vapor rises from the brush's contact point. The background is a blurred brick wall. A red circular graphic is overlaid on the left side of the image, containing white text.

**Now you can  
easily create  
a healthier  
environment**

# Ideal for removing dirt and debris and disinfecting in one easy step

The Nilfisk-ALTO range of steam cleaners cover a wide range of applications in many segments and provide the benefit of efficient cleaning and sanitisation. Furthermore steam cleaning leaves surfaces virtually dry as soon as the cleaning is completed.

Steam cleaning will help to maintain a clean and sanitary environment. This will prevent the spread of contagious diseases so common in schools, nurseries and care homes.

Dry steam cleaning will save time and money and has a wide variety of applications in the hotel, pub and hospitality industries. Cleaning chores such as lobby floors or pool grout, that used to be a major undertaking can now be completed more efficiently.

Restaurants are particularly vulnerable to spills, stains, and grease. Steam cleaning can help maintain a cleaner more sanitary working environment.

Steam cleaning can help reduce the spread of bacteria and viruses common in veterinary practices. Cleanliness and sanitation are extremely important in any clinic.

Steam cleaning will allow you to valet a car in half the time with visibly superior results. Upholstery and floor mats are dry within minutes. Not only is the cleaning faster, but the car is deodorised as well.

Hospital and Nursing Home administrators love steam-cleaning systems. Keeping patient and visitor areas hygienic and odour free has never been easier.



# SO 4500 – steam only



◀ The SO 4500 is a 4.5 bar pressure steam only cleaning system. Designed for light to medium soiled areas. It is lightweight and uniquely designed in stainless steel, with a continuous fill boiler, allowing refill at any time during operation. This machine is ideally suited for all sectors of industry and commerce where vacuum recovery is not required.

The SO range is ideal for applications where only steam cleaning with no water pick-up is needed. Cleaned areas can be left to dry and chemicals are not required for additional sanitisation. ▶



## Your reliable and compact choice for everyday use

- Silent running
- Steel construction
- Clear pressure display
- Wide range of accessories included
- Simple operator controls
- Light weight and highly manoeuvrable
- Front locking castors



| TECHNICAL DATA                            | SO 4500         |
|-------------------------------------------|-----------------|
| Steam pressure (bar)                      | 4.5             |
| Steam temperature (°C)                    | 170             |
| Vacuum function                           | No              |
| Detergent tank                            | No              |
| Water tank capacity (l)                   | 5               |
| Boiler capacity (l)                       | 1.8             |
| Voltage/phase/frequency/current (V/~Hz/A) | 230-240/1/50/10 |
| Weight (kg)                               | 12              |
| FEATURES                                  |                 |
| Continuous fill boiler                    | ●               |
| Steam control switch                      | ●               |
| Automatic safety shut off                 | ●               |
| STANDARD EQUIPMENT                        |                 |
| Hose (m)                                  | 4               |
| Extension tube x 2                        | ●               |
| Triangular brush                          | ●               |
| Floor brush                               | ●               |
| Window squeegee                           | ●               |
| Detail brush nozzle                       | ●               |
| Curved steam lance                        | ●               |
| Large brush elbow                         | ●               |
| Long steam lance                          | ●               |
| 55 mm round brush                         | ●               |
| 5 x brass and 5 x nylon detail brushes    | ●               |
| ITEM NO.                                  | 45000001        |





◀ The SV 8000 is ideal for cleaning in situations when chemical is not required. Using steam and vacuum together will leave surfaces sanitised and dry. With its compact size and swivel wheels it becomes highly manoeuvrable and user friendly.

The SV range provides the benefits of steam cleaning with the added drying effect of a vacuum pick-up. Cleaned areas are thus ready for use again in a shorter time.



## Powerful and economical at the same time – a perfect solution

- Stainless steel frame and cabinet
- Removable waste tank with locking lid
- Silent running
- Wet pick up recovery facility
- Stainless steel construction
- Clear pressure display
- Wide range of accessories included
- Simple operator controls
- Highly manoeuvrable
- Front locking castors



| TECHNICAL DATA                                                          | SV 8000         |
|-------------------------------------------------------------------------|-----------------|
| Steam pressure (bar)                                                    | 8               |
| Steam temperature (°C)                                                  | 170             |
| Vacuum function                                                         | Yes             |
| Detergent tank                                                          | No              |
| Water tank capacity (l)                                                 | 5               |
| Boiler capacity (l)                                                     | 3.3             |
| Voltage/phase/frequency/current (V~/Hz/A)                               | 230-240/1/50/13 |
| Weight (kg)                                                             | 25              |
| <b>FEATURES</b>                                                         |                 |
| Continuous fill boiler                                                  | ●               |
| Steam control switch                                                    | ●               |
| Automatic safety shut off                                               | ●               |
| <b>STANDARD EQUIPMENT</b>                                               |                 |
| Hose (m)                                                                | 4               |
| Long steam lance                                                        | ●               |
| Short steam lance                                                       | ●               |
| Upholstery tool                                                         | ●               |
| Basket                                                                  | ●               |
| Handle                                                                  | ●               |
| Crevice tool                                                            | ●               |
| Extension tube x 2                                                      | ●               |
| 400 mm floor brush including carpet, squeegee and brush attachment      | ●               |
| 150 mm steam and vacuum nozzle, including brush and squeegee attachment | ●               |
| 250 mm glass washer                                                     | ●               |
| 5 x brass and 5 nylon detail brushes                                    | ●               |
| ITEM NO.                                                                | 45000003        |

## SDV 4500 / 8000 - steam, detergent & vacuum



◀ This commercial 4.5 bar pressure steam cleaning machine is made from a stainless steel construction body. This machine is ideally suited for small cleaning tasks and lighter usage eg. less than 6 hours per day. The SDV 4500 is environmentally friendly and has been certified in killing many super bugs including MRSA.

▶ The SDV lines offer detergent injection in addition to the normal steam cleaning effect – useful for incrustated stains or for additional sanitisation effect. The vacuum pick-up ensures that cleaned areas are quickly ready for re-use.



### Highly efficient chewing gum remover

- Stainless steel frame and cabinet
- Detergent delivery
- Removable waste tank recovery facility
- Silent running
- Wet pick up recovery facility
- Clear pressure display
- Simple operator controls
- Highly manoeuvrable
- Highly efficient chewing gum remover
- Optional steam only tool kit
- Front locking castors



| TECHNICAL DATA                                                                  | SDV 4500        |
|---------------------------------------------------------------------------------|-----------------|
| Steam pressure (bar)                                                            | 4.5             |
| Steam temperature (°C)                                                          | 170             |
| Vacuum function                                                                 | Yes             |
| Detergent tank                                                                  | Yes             |
| Water tank capacity (l)                                                         | 2.5             |
| Boiler capacity (l)                                                             | 1.8             |
| Voltage/phase/frequency/current (V/~/Hz/A)                                      | 230-240/1/50/13 |
| Weight (kg)                                                                     | 25              |
| <b>FEATURES</b>                                                                 |                 |
| Continuous fill boiler                                                          | ●               |
| Steam control switch                                                            | ●               |
| Automatic safety shut off                                                       | ●               |
| <b>STANDARD EQUIPMENT</b>                                                       |                 |
| Steam and vacuum hose (m)                                                       | 2.5             |
| Steam lance - long                                                              | ●               |
| Steam lance - short                                                             | ●               |
| Upholstery tool                                                                 | ●               |
| Extension tube x 2                                                              | ●               |
| Basket                                                                          | ●               |
| Handle                                                                          | ●               |
| Crevice tool                                                                    | ●               |
| 300 mm floor brush nozzle including carpet, squeegee and brush attachment       | ●               |
| 150 mm steam and vacuum nozzle, including carpet, squeegee and brush attachment | ●               |
| Glass washer, 250 mm                                                            | ●               |
| 5 x brass and 5 nylon detail brushes                                            | ●               |
| ITEM NO.                                                                        | 45000005        |



◀ This powerful 8 bar commercial steam cleaning machine is made from a stainless steel construction for extra durability and high performance. With its integral vacuum system, steam cleaning becomes highly efficient leaving the surfaces clean and dry. The SDV 8000 is environmentally friendly and has been certified in killing many super bugs including MRSA.

Bring stainless steel surfaces, chrome fixtures and fittings back to their original shine whilst cleaning and sanitising.



## Environmentally friendly

- Stainless steel frame and cabinet
- Detergent delivery
- Removable waste tank recovery facility
- Silent running
- Wet pick up recovery facility
- Clear pressure display
- Simple operator controls
- Highly manoeuvrable
- Highly efficient chewing gum remover
- Optional steam only tool kit
- Front locking castors



| TECHNICAL DATA                                                            | SDV 8000        |
|---------------------------------------------------------------------------|-----------------|
| Steam pressure (bar)                                                      | 8               |
| Steam temperature (°C)                                                    | 170             |
| Vacuum function                                                           | Yes             |
| Detergent tank                                                            | Yes             |
| Water tank capacity (l)                                                   | 5               |
| Boiler capacity (l)                                                       | 3.3             |
| Voltage/phase/frequency/current (V~/Hz/A)                                 | 230-240/1/50/13 |
| Weight (kg)                                                               | 35              |
| <b>FEATURES</b>                                                           |                 |
| Continuous fill boiler                                                    | ●               |
| Steam control switch                                                      | ●               |
| Automatic safety shut off                                                 | ●               |
| <b>STANDARD EQUIPMENT</b>                                                 |                 |
| Steam and vacuum hose (m)                                                 | 4               |
| Long steam lance                                                          | ●               |
| Short steam lance                                                         | ●               |
| Upholstery tool                                                           | ●               |
| Extension tube x 2                                                        | ●               |
| Basket                                                                    | ●               |
| Handle                                                                    | ●               |
| Crevice tool                                                              | ●               |
| 400 mm floor brush nozzle including carpet, squeegee and brush attachment | ●               |
| 150 mm steam and vacuum nozzle, including brush and squeegee attachment   | ●               |
| 250 mm glass washer                                                       | ●               |
| 5 x brass and 5 nylon detail brushes                                      | ●               |
| ITEM NO.                                                                  | 45000007        |



# Accessories for professional steam cleaners



2,5 m hose for steam, vac and detergent

4 m hose for steam, vac and detergent

4 m hose, steam only

Extension tube for steam + vac

300 mm floor brush nozzle

300 mm brush insert

300 mm squeegee insert

300 mm carpet insert

250 mm glass washer

Round stainless steel detail brush (pack of 10)

SO 4500

SV 8000

SDV 4500

SDV 8000

Item No.  
450000030

○ ● ○

● ○ ●

450000045

●

450000056

● ● ●

450000031

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450000032

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450000035

● ● ●

450000036

○ ○ ○

450000038

# Accessories for professional steam cleaners



Round polyester detail brush (pack of 10)

Round brass detail brush (pack of 10)

Upholstery suction tool

400 mm floor brush nozzle

400 mm brush insert

400 mm squeegee insert

400 mm carpet insert

150 mm steam and vacuum nozzle

150 mm steam and vacuum brush attachment

150 mm steam and vacuum squeegee attachment

Crevice tool

SO 4500

SV 8000

SDV 4500

SDV 8000

**Item No.**  
450000039

☐ ☐ ☐

☐ ☐ ☐

450000040

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450000037

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450000048

☒ ☒ ☒

450000049

# Accessories for professional steam cleaners



Long steam lance

SO 4500

SV 8000

SDV 4500

SDV 8000

Item No.  
450000050

● ● ●



Short steam lance

● ● ●

450000051



Short steam lance in plastic

○ ○ ○

450000052



Steam and vacuum, gulper nozzle

○ ○ ○

450000053



95 mm triangular brush

○ ○ ○

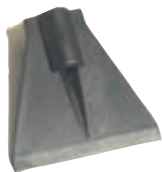
450000054



Ice scraper

○ ○ ○

450000055



Extension tube steam only

●

450000057



Floor brush steam only

●

450000058



Triangular Brush, steam only

●

450000059







Large brush elbow, steam only

SO 4500

SV 8000

SDV 4500

SDV 8000

Item No.  
450000060



Window squeegee, steam only

●

450000061



Long steam nozzle, steam only

●

450000062



Curved steam nozzle, steam only

●

450000063



Detail brush nozzle - steam only

●

450000064



Nylon detail brush x 10, steam only

○

450000065



Brass detail brush x 10, steam only

○

450000066



55 mm round brush

●

450000067

**Designed  
to meet real  
customer  
needs**





# Powerful, intelligent and economical – whichever cleaner you choose

Nilfisk-ALTO offers a complete range of innovative and powerful Wet&Dry vacuum cleaners – all designed to accommodate not only the most demanding professional's cleaning needs, but also to match a specific level of requirements in terms of suction power, with features such as very low noise, high performance and automatic or semi-automatic filter cleaning. "Blue" is simply the better alternative.

The **SALTIX 10** has been designed to meet the needs of contract cleaners, hotels, shops and offices and any customer looking for an efficient, easy-to-use vacuum cleaner.

With a large dust bag capacity and lightweight construction, the SALTIX 10 is ready for the job. Storage of the machine is no problem as the compact design and the smart parking clip will make it fit in the smallest places.

The onboard cable storage plus the ability to remove the cable in one simple action, with no un-ravelling the cable, are further time saving features. To help with easy maintenance and to maximise safety, an orange detachable power cord is included as standard.



All machines in the **AERO** range feature the Push&Clean semi-automatic filter cleaning system. The AERO offers a choice of 20 or 25 litre capacities. INOX containers are also available in the 20 litre models.

The AERO delivers high performance in a compact package, with huge working capacity and low noise. The AERO range comes with a complete selection of useful accessories.

The **MAXXI WD** series of commercial Wet&Dry vacuums is economical to buy and use. The MAXXI WD is a powerful, simple Wet&Dry solution. They feature a simple, washable cloth filter on all models, and 35 or 75 L containers.

The WD 7 is also available with a built-in drain hose and furthermore a 2-motors model, the WD 7 DUO. All models are equipped with a 10 m electric cable for good working range, and the MultiFit accessory system.



# ATTIX range – gives you top performance with less hassle

The ATTIX range is designed for demanding clean-up applications and always with the user in mind. Always ensuring productivity and efficiency wherever heavy cleaning is necessary, or where potentially hazardous dust needs to be safely collected.



**ATTIX 30, 40 & 50** represents a possibility of achieving superior suction power and innovative features. Silent and mobile, Wet or Dry - when high performance and robustness is required. Available either with the next generation of Push&Clean filter cleaning system or XtremeClean automatic filter cleaning system.



**ATTIX 7** is perfect for users who need big capacity and features that focus on efficiency. Our most silent vacuum ever, with superior suction performance, stainless steel tilt or lift-out container, XtremeClean automatic filter cleaning, antistatic capability and more.



**ATTIX 9** is designed to withstand the toughest applications. With the two-motor driven ATTIX 9 range, the high end of the industrial vac line of Nilfisk-ALTO is completed. A versatile, high performance unit for demanding everyday vacuuming.

The **ATTIX 115, 125, 145 & 155** industrial vacuum cleaner range is ideal for liquids and solid materials with a performance to perfectly satisfy any cleaning and maintenance situation. The robust steel construction, powerful turbine and the big container on wheels grant a high reliability and mobility capable of working 24 hours a day.



Modern, attractive and flexible. Developed primarily for use in filling stations, the **SB Series** is built for the rigors of outdoor use in all kinds of weather.

Coin-operated self-service vacuums with special requirements. Single motor or dual motor machines are available. All models use a simple cloth filter system for easy maintenance. Done to perfection, down to the smallest detail.



# ATTIX Safety range – a solution for every need

Hazardous dust demands the highest level of safety to ensure the maximum health protection. Nilfisk-ALTO health and safety vacuum cleaners span all dust classes – **M** (medium), **H** (high), Asbestos and explosive dusts classified as **ATEX Type 22**.



## M-Class safety vacuums

Dusts from dust classes L and M may be picked up using these vacuum cleaners. These include all health-endangering, non-carcinogenic dusts with OEL-values  $> 0.1 \text{ mg/m}^3$  and wood dusts. Application: Industry sectors as chemicals, wood, plastics, metal, pharmaceuticals, paper and textiles; for craftsmen including carpenters, joiners and painters. If you are working with M-Class hazardous dust, you will find the perfect Wet&Dry solution here.

## H-Class safety vacuums

Dusts from dust classes L, M and H including Asbestos may be picked up using these vacuum cleaners. These include all health-endangering dusts with OEL-values, all carcinogenic dusts and dusts contaminated with germs and bacteria. Application: Industry and trade sectors as chemicals, plastics, pharmaceuticals, mining, paper and textiles; for craftsmen such as roofers and painters. If you are working with H-Class hazardous dust, you will find the perfect Wet&Dry solution here.



## ATEX ZONE 22 safety vacuums

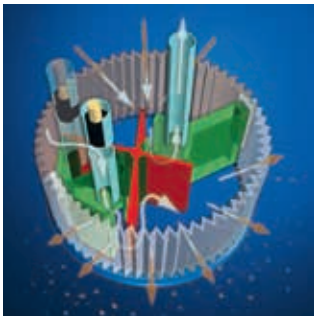
Dusts from dust classes L and M as well as explosive dusts may be picked up using these vacuum cleaners. These include all non-carcinogenic dusts with OEL values  $> 0.1 \text{ mg/m}^3$  and/or flammable dusts in ATEX ZONE 22 (previously Zone 11) applications.

Application: Industry and trade sectors as chemicals, wood, plastics, metal, pharmaceuticals, paper and textiles; for craftsmen such as carpenters, bakers and floor layers.

If you are working in an ATEX ZONE 22 explosive dust environment, you will find the perfect Wet&Dry solution here. Choose from many different container sizes and performance levels, all with features that will enhance your working efficiency and minimize your operating costs.

# XtremeClean – extremely efficient and completely automatic

Nilfisk-ALTO offers the impressive filter cleaning system called XtremeClean. Extremely efficient and completely automatic. Probably the best filter cleaning system that the market has ever seen. All you have to do is start the vacuum. The filter is immediately cleaned automatically every 15 or 30 seconds while you work. So there is no need to interrupt your work to clean your filter. You concentrate on your task, and XtremeClean will take care of the filter cleaning.



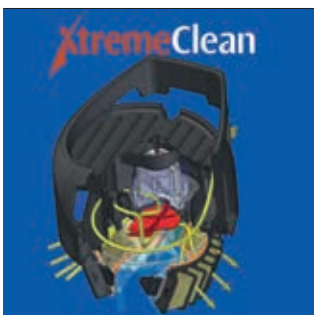
## **Powerful air pulses clean the filter gently and keeps suction performance constantly high – XtremeClean filter cleaning technology**

Advanced technology delivers automatic filter cleaning while you work with full vacuum performance. This first generation of XtremeClean technology, used in ATTIX 7, is based on a valve controlled solution, using reversed air flow to clean the one half of the filter cartridge – while you still work with the other half of the filter cartridge. The valve allows the surrounding air to enter into the container, passing through the filter in the opposite direction. The dirt is blasted off the filter and the suction performance is always high.



## **High level of filter filtration due to servo motor controlled Y-FLAP – Fully automatic XtremeClean technology**

The improved XtremeClean technology, used on the ATTIX 9 range, is a fully automatic filter cleaning system based on a servo motor controlled Y-FLAP, where the filter has the full surface available all the time during operation. This ensures an even longer lifetime, high efficiency and prevents power loss through restricted airflow - without interruptions. The perfect match for the powerful two motor performance machine.



## **Maximized container volume and automatic filter cleaning with Nano technology – XtremeClean is setting new standards**

Compactness and high performance are key features in the most recent generation of the XtremeClean system, used on the ATTIX 30, 40 and 50 range. With the ambition of setting new standards within automatic filter cleaning, the two flat filters with nano technology maximize the container volume and improve the efficiency even more. A servo motor controlled Y-FLAP ensures precise reversed air flow and prevents power loss during operation.

# Push&Clean – fast and simple cleaning of the filter cartridge

If you are working with fine dust, you are surely familiar with the dreaded task of cleaning clogged filter cartridges to restore normal suction performance. With Push&Clean, all you have to do to clean the filter, is block the inlet fitting or the hose, and push and release the filter cleaning button. Powerful air pulses will clean the filter gently, and you are back to work in no time.

## Constant high suction performance – Push&Clean technology for fast and simple filter cleaning

The Push&Clean technology allows a fast and simple cleaning of the filter cartridge. When you block the fitting for the air inlet or the hose and push the filter cleaning button, the surrounding air enters into the container, passing through the filter cartridge in the opposite direction. The dirt is blasted off the filter and the suction performance is high again. A comfortable and powerful but gentle way of cleaning the filter.



# Advanced fleece technology

To extend the well-known high performance of Nilfisk-ALTO Wet&Dry vacuum cleaners, advanced Nano technology has been introduced to our range of filter cartridges together with a re-defined design.

## NanoFibre fleece filters on all XtremeClean models

To extend the well-known high performance of Nilfisk-ALTO Wet&Dry vacuum cleaners, advanced Nano technology has been introduced to our range of filter cartridges together with a re-defined design. All filter elements in our series of XtremeClean machines (except H-class models) now utilize a NanoFibre fleece material with embossed ripple structure, and in combination with the powerful reversed air-pulses it prevents deep filtration and loss of performance. You will experience an impressive filter cleaning that grants for high efficiency in your daily work - even in the most tough fine dust application. As always, the Nilfisk-ALTO fleece filters have a high degree of filtration (min. 99,9%) and they are washable to keep the maintenance cost at a minimum.

**NanoFilter**  
Advanced Fleece Technology





# Features – designed to meet our customer needs!

Nilfisk-ALTO offers you a complete range of innovative and powerful Wet&Dry vacuum cleaners - all designed to accommodate not only your most demanding professional cleaning needs, but also to match your specific level of requirements in terms of suction power, with features such as very low noise, high performance and automatic or semi-automatic filter cleaning.

## MultiFit

Thanks to the universal Nilfisk-ALTO "MultiFit" connection system and the extensive range of accessories, the right attachment for each job can be found. MultiFit was conceived so that all suction hoses, regardless of whether the diameter is 27, 32, 36, 38 or 50 mm, can be connected to the vacuum without further expenditure. On most vacuum models, the MultiFit hose inlet is prepared for AntiStatic giving the flexibility to choose between universal or AntiStatic hoses.

### Advantages:

- Higher flexibility
- A solution to every application
- Adaptation of the hose diameter to the type of dust



## AntiStatic – To prevent shocks and dirt caused by static charges

The enormous speed of dust particles and the resulting friction cause a buildup of static electricity in the hose. Discharge causes sparks which can cause electrical shocks or even ignite explosive material or combustible dust. The Nilfisk-ALTO AntiStatic system means that the vacuum inlet fittings are connected to earth. This means that when working with a conductive suction hose, static buildup is discharged immediately. Electric shocks, sparks and dirt caused by electrostatic charges are prevented. Tested, unmistakable attachments ( $R \leq 1 \text{MQ}$ ) are required for vacuums from the TYPE 22 range.

### Advantages:

- No dangerous sparks in the suction hose
- No unpleasant electrical shocks
- Earthed suction hose prevents the accumulation of dirt



## AutoOnOff with speed control

Vacuums equipped with the Nilfisk-ALTO AutoOnOff are especially suitable for operation with electric or pneumatic tools (special accessory 'Airbox' needed). By connecting the tool directly to the machine, dust is vacuumed directly from source. The vacuum switches automatically on and off with the tool. AutoOnOff is combined with follow up controls for the complete emptying of the suction hose and continuous suction power regulation, to adapt suction power to the job.

### Advantages:

- Easier handling with continuous suction power regulation
- Reduced noise and lower energy consumption when maximum power is not necessary
- Tools attached will not stick to the surface

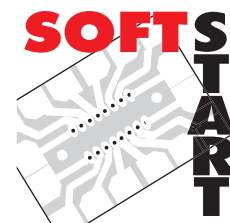


## SoftStart for a gentle start-up with controlled power

A gentle motor start-up keeps starting current low and reduces voltage dropouts. An European norm applies to short period current peaks and was created to prevent voltage dropouts when large electrical machines are switched on. A voltage dropout can lead to any system break down if the appliance (e.g. computers) is sensitive to voltage fluctuation. SoftStart helps keep starting current low and reduces voltage dropout. The function is certified by an independent testing institution.

### Advantages:

- Prevents blown fuses
- Protects motor and electronics against current peaks



## Flow Sensor with acoustic warning signal

According to health and safety regulations for operation of a vacuum cleaner, the air flow in the hose must always be at least 20 m/s to ensure that dust is fully transported to the container. This function must be controlled and an acoustic or visual warning signal must occur when it falls under the minimum requirement. The patented "FlowSensor" technology, used in all Nilfisk-ALTO H and M class and TYPE 22 vacuum cleaners electronically measures air flow directly with the use of two thermal gates. Consequently, air flow can be exactly determined in all operating conditions - regardless of the use of suction hoses with different diameters and/or power supply fluctuation. Air flow can even be measured accurately if speed control is used to reduce suction power, for example to prevent a sander attaching to a surface by suction.

### Advantages:

- Higher work safety with steady air speed
- Longer life and less maintenance through electronic components
- Reliable technology even with power supply fluctuation and/or hoses with different diameters
- Alarm signal activates when needed – not before



## System EC

The EC System, used in all Nilfisk-ALTO ATEX ZONE 22 vacuums, is a single-phase drive system developed with an electronically commutated direct current motor. The motor is electronically controlled, making carbon brushes unnecessary.

### Advantages:

- Collectorless motor – carbon brushes unnecessary
- Easier start
- Operation without wear and tear
- No sparks
- Life of the motor is approximately 10 times higher than universal collector motors
- Free of ignitable sources, therefore suitable for use in ATEX ZONE 22 applications
- With overload protection for motor and electronics
- A real alternative to 3-phase vacuums can be realised in the form of a much smaller and less expensive machine









# Naming and acronyms

Here you easily can see, what stands behind the machine names.

## ATTIX 965-21 SD XC

### Model Name

AERO 20 / 25  
ATTIX 30  
ATTIX 40  
ATTIX 50  
ATTIX 7  
ATTIX 9

### Production Model

### Feature Class

0 = Basic type  
1 = Convenience outlet  
2 = AutoOnOff for electric power tool  
6 = Liquid vacuum  
7 = Fire brigade vacuum

### Variants and Special Types (e.g. dust class, etc.)

1 = CE  
M = M- & L-class  
H = H-, M- & L-class + Asbestos  
M/B1 = M- & L-class + Type 22

### Filter Cleaning Features & Disposal Concepts

XC = XtremeClean Filter cleaning system  
PC = Push&Clean Filter cleaning system  
SD = SitDown

### Specials

EC = Brushless long-life motor system  
Type 22 = approved to pick up explosive dust in ATEX Zone 22  
CLEAN ROOM = for use in clean room applications



**XtremeClean**  
Automatic Filter Cleaning System

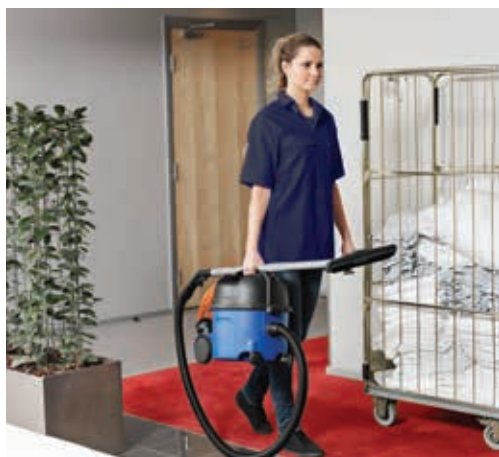
**Push&Clean**  
Filter Cleaning System

**NanoFilter**  
Advanced Fleece Technology

**SilentPower**  
Quiet Impact

**DualFilter**

## SALTIX 10 – Commercial dry vac



◀ The entire machine, including wand and hose, can be carried safely and comfortably in one hand.

Secure and handy, easy to reach accessory storage. ▶



### Your reliable and compact choice for everyday use

- Detachable orange cord for easy maintenance
- Low sound pressure level of just 50 dB(A) makes this vacuum ideal for daytime cleaning



| TECHNICAL DATA                    | SALTIX 10        |
|-----------------------------------|------------------|
| Air flow rate (l/min.)            | 1980             |
| Vacuum (mbar/kPa)                 | 220/22           |
| Power P <sub>IEC</sub> (W)        | 1200             |
| Working sound level (dB(A))       | 50               |
| Container volume (l)              | 10               |
| Dust bag capacity (l)             | 8                |
| Mains connection (V~/Hz)          | 230/1/50-60      |
| Dimensions L x W x H (mm)         | 395 x 340 x 390  |
| Weight (kg)                       | 5.2              |
| El cable (m)                      | 10               |
| <b>FEATURES</b>                   |                  |
| DualFilter system                 | ●                |
| Bumper protector of front wheel   | ●                |
| Suction power on hand tube        | ●                |
| Cable storage                     | ●                |
| Parking clip for nozzle           | ●                |
| <b>STANDARD EQUIPMENT</b>         |                  |
| Suction hose, 1.9 m               | 147 0765 500     |
| Extension tube, alu., 2 pcs.      | 011 6431 500     |
| Sack filter CPL*                  | 147 1432 500     |
| Filter bag*                       | 146 8618 000     |
| Crevice nozzle                    | 147 0146 500     |
| Brush nozzle                      | 140 8244 500     |
| Multi surface nozzle w. park clip | 140 6700 570     |
| Detachable cord set 10 m orange   | 107402676        |
| <b>ITEM NO.</b>                   | <b>107402787</b> |



◀ MAXXI WD is a simple but powerful range of Wet&Dry vacuums – an economical and easy-to-operate solution for commercial use. The durable and washable cloth filter is easy to clean and maintain and secures a high filtration.

The versatile tilt container on MAXXI WD 7 makes emptying and handling easy. Use the built-in drain hose for convenient discharge of liquids.



## Powerful and economical at the same time – a perfect solution

- Washable cloth filter and filter bag included
- MultiFit accessory system for the ultimate in task flexibility



| TECHNICAL DATA                     | MAXXI WD 3             | MAXXI WD 7-4 DUO     |
|------------------------------------|------------------------|----------------------|
| Air flow rate (l/min.)             | 2900                   | 4100                 |
| Vacuum (mbar/kPa)                  | 210/21                 | 215/21.5             |
| Power P <sub>max</sub> (W)         | 1500                   | 2 x 1500             |
| Power P <sub>IEC</sub> (W)         | 1350                   | 2 x 1350             |
| Working sound level (dB(A))        | 67                     | 69                   |
| Container volume (l)               | 35                     | 75                   |
| Mains connection (V~/Hz)           | 230/1/50               | 230/1/50             |
| Dimensions L x W x H (mm)          | 437 x 413 x 721        | 720 x 600 x 995      |
| Weight (kg)                        | 8                      | 22                   |
| El cable (m)                       | 10                     | 10                   |
| <b>FEATURES</b>                    |                        |                      |
| Robust trolley with folding handle |                        | ●                    |
| Tilting container                  |                        | ●                    |
| Dual motor                         |                        | ●                    |
| Drain hose                         |                        | ●                    |
| Accessory holder and cable storage | ●                      | ●                    |
| <b>STANDARD EQUIPMENT</b>          |                        |                      |
| Suction hose                       | 60897 [Ø32 mm x 1.8 m] | 46948 [Ø36 mm x 3 m] |
| Extension tube, alu., 2 pcs.       | 107400032 [Ø36]        | 302000529 [Ø36]      |
| Curved hand tube                   | 60911                  | 302000528 [Ø36]      |
| Sack filter                        | 140 8658 500           | 140 9512 500         |
| Filter bag*                        | 147 0745 010           | 147 0746 010         |
| Motor filter                       | 140 8682 500           | 140 8682 500         |
| Universal nozzle, 115 mm           | 14295                  |                      |
| Professional floor nozzle, 360 mm  |                        | 302000521            |
| Suction brush, 70 mm               | 5146                   |                      |
| Crevice nozzle                     | 6084                   | 6084                 |
| Combi nozzle, 260 mm               | 302000477              |                      |
| <b>ITEM NO.</b>                    | <b>905 8321 010</b>    | <b>905 8821 010</b>  |

● Standard feature  
\* 1 pcs. included with machine.



## AERO – Compact wet & dry vacs



◀ AERO is a compact Wet&Dry vacuum for use in household or semi-professional applications, where focus is on size and attractive features. As a lightweight machine AERO is the perfect solution to store in your car and for use in workshops and garages.

Washable PET cartridge filter and Push&Clean semi-automatic filter cleaning system prevent loss of performance and increase the efficiency in your cleaning task.



### Compact mobile and low sould – all in one

- MultiFit accessory system for the ultimate in task flexibility
- Washable PET fleece filter with minimum 99,9% filtration efficiency



| TECHNICAL DATA                                  | AERO 20-01              | AERO 20-01 INOX         | AERO 20-21 INOX         | AERO 20-11              | AERO 20-21              |
|-------------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Air flow rate (l/min.)                          | 3600                    | 3600                    | 3600                    | 3600                    | 3600                    |
| Vacuum (mbar/kPa)                               | 180/18                  | 180/18                  | 180/18                  | 180/18                  | 180/18                  |
| Power Pmax (W)                                  | 1300                    | 1300                    | 1300                    | 1300                    | 1300                    |
| Mains connection (V/~/Hz)                       | 230/1/50                | 230/1/50                | 230/1/50                | 230/1/50                | 230/1/50                |
| Working sound level (dB(A))                     | 67                      | 67                      | 67                      | 67                      | 67                      |
| Container volume (l)                            | 20                      | 20                      | 20                      | 20                      | 20                      |
| Dimensions L x W x H (mm)                       | 380 x 375 x 485         | 380 x 375 x 485         | 380 x 375 x 485         | 380 x 375 x 485         | 380 x 375 x 485         |
| Weight (kg)                                     | 5.7                     | 6.7                     | 6.7                     | 5.7                     | 5.7                     |
| El cable (m)                                    | 5                       | 5                       | 5                       | 5                       | 5                       |
| <b>FEATURES</b>                                 |                         |                         |                         |                         |                         |
| Filter cleaning system                          | Push&Clean              | Push&Clean              | Push&Clean              | Push&Clean              | Push&Clean              |
| Accessory holder                                | ●                       | ●                       | ●                       | ●                       | ●                       |
| Cable storage                                   | ●                       | ●                       | ●                       | ●                       | ●                       |
| Suction control on hand tube                    | ●                       | ●                       | ●                       | ●                       | ●                       |
| Power socket                                    |                         |                         | ●                       | ●                       | ●                       |
| AutoOnOff for electrical power tools            |                         |                         | ●                       |                         | ●                       |
| <b>STANDARD EQUIPMENT</b>                       |                         |                         |                         |                         |                         |
| Suction hose                                    | 107405600 [Ø32 x 1,9 m] | 107405600 [Ø32 x 1,9 m] | 107405599 [Ø32 x 2,5 m] | 107405600 [Ø32 x 1,9 m] | 107405599 [Ø32 x 2,5 m] |
| Extension tube, plastic, Ø36, 2 pcs.            | 40696                   | 40696                   |                         | 40696                   |                         |
| Extension tube, aluminium, Ø36, 2 pcs.          |                         |                         | 107400032               |                         | 107400032               |
| Filter element, PET, Ø185 x 140 mm              | 302000490               | 302000490               | 302000490               | 302000490               | 302000490               |
| Fleece filter bag, 4 pcs.* + wet filter, 1 pcs. | 302002404               | 302002404               | 302002404               | 302002404               | 302002404               |
| Crevice nozzle, 300 mm                          | 6084                    | 6084                    | 6084                    | 6084                    | 6084                    |
| Floor nozzle, 300 mm                            | 302002331               | 302002331               |                         | 302002331               |                         |
| Combi nozzle, 260 mm                            |                         |                         | 302002365               |                         | 302002365               |
| Brush nozzle, 70 mm                             | 5146                    | 5146                    | 5146                    | 5146                    | 5146                    |
| Universal nozzle, 115 mm                        | 14295                   | 14295                   | 14295                   | 14295                   | 14295                   |
| Tool adapter                                    |                         |                         | 302002356               | 302002356               | 302002356               |
| <b>ITEM NO.</b>                                 | <b>302002318</b>        | <b>302002319</b>        | <b>302003276</b>        | <b>302002320</b>        | <b>302002321</b>        |



◀ AERO INOX models are our most compact Wet&Dry vacuum with an easy-to-clean stainless steel container.

AERO -11 and -21 models are equipped with a power outlet with an optional AutoOnOff switch function – a convenient feature for use with electrical power tools.

With Push&Clean, all you have to do to clean the filter, is block the inlet fitting or the hose, and push and release the filter cleaning button. Powerful air pulses will clean the filter gently. The dirt is blasted off the filter and the suction performance is high again – you are back to work in no time. A comfortable and powerful but gentle way of cleaning the filter. ▶



| TECHNICAL DATA                                  | AERO 25-11              | AERO 25-21              |
|-------------------------------------------------|-------------------------|-------------------------|
| Air flow rate (l/min.)                          | 3600                    | 3600                    |
| Vacuum (mbar/kPa)                               | 190/19                  | 190/19                  |
| Power Pmax (W)                                  | 1400                    | 1400                    |
| Mains connection (V/~ /Hz)                      | 230/1/50                | 230/1/50                |
| Working sound level (dB(A))                     | 67                      | 67                      |
| Container volume (l)                            | 25                      | 25                      |
| Dimensions L x W x H (mm)                       | 380 x 375 x 545         | 380 x 375 x 545         |
| Weight (kg)                                     | 5.9                     | 5.9                     |
| El cable (m)                                    | 5                       | 5                       |
| <b>FEATURES</b>                                 |                         |                         |
| Filter cleaning system                          | Push&Clean              | Push&Clean              |
| Accessory holder                                | ●                       | ●                       |
| Cable storage                                   | ●                       | ●                       |
| Suction control on hand tube                    | ●                       | ●                       |
| Power socket                                    | ●                       | ●                       |
| AutoOnOff for electrical power tools            |                         | ●                       |
| <b>STANDARD EQUIPMENT</b>                       |                         |                         |
| Suction hose (m)                                | 107405599 [Ø32 x 2,5 m] | 107405599 [Ø32 x 2,5 m] |
| Extension tube, aluminium, Ø36, 2 pcs.          | 107400032               | 107400032               |
| Combi nozzle, 260 mm                            | 302002365               | 302002365               |
| Filter element, PET, Ø185 x 140 mm              | 302000490               | 302000490               |
| Fleece filter bag, 4 pcs.* + wet filter, 1 pcs. | 302002404               | 302002404               |
| Crevice nozzle, 300 mm                          | 6084                    | 6084                    |
| Brush nozzle, 70 mm                             | 5146                    | 5146                    |
| Universal nozzle, 115 mm                        | 14295                   | 14295                   |
| Accessory organizer                             | 302002407               | 302002407               |
| Tool adapter                                    | 302002356               | 302002356               |
| <b>ITEM NO.</b>                                 | <b>302002323</b>        | <b>302002324</b>        |

## ATTIX 30 – Single-phase wet & dry vacs



ATTIX 30 represents our compact and powerful range of all purpose Wet&Dry vacuum cleaners – a perfect solution for craftsmen on the move. The ergonomic design and low noise level emphasise our focus on real user benefits and longer working time.

Washable PET filter and Push&Clean semi-automatic filter cleaning system secure low downtime, continuously high suction performance and low maintenance cost – a machine built for professional use.



### Your reliable and compact choice for everyday use

- SilentPower - High performance that is seen, but not heard
- MultiFit accessory system for the ultimate in task flexibility
- Washable PET fleece filter with minimum 99,9% filtration efficiency



| TECHNICAL DATA                     | ATTIX 30-01              | ATTIX 30-01 PC           | ATTIX 30-11 PC           |
|------------------------------------|--------------------------|--------------------------|--------------------------|
| Air flow rate (l/min.)             | 3700                     | 3700                     | 3700                     |
| Vacuum (mbar/kPa)                  | 250/25                   | 250/25                   | 250/25                   |
| Power P <sub>max</sub> (W)         | 1500                     | 1500                     | 1500                     |
| Power P <sub>IEC</sub> (W)         | 1200                     | 1200                     | 1200                     |
| Working sound level (dB(A))        | 59                       | 59                       | 59                       |
| Container volume (l)               | 30                       | 30                       | 30                       |
| Mains connection (V/~/Hz)          | 230/1/50-60              | 230/1/50-60              | 230/1/50-60              |
| Dimensions L x W x H (mm)          | 450 x 380 x 595          | 450 x 380 x 595          | 450 x 380 x 595          |
| Weight (kg)                        | 10                       | 10                       | 10                       |
| El cable (m)                       | 7.5                      | 7.5                      | 7.5                      |
| <b>FEATURES</b>                    |                          |                          |                          |
| Filter cleaning system             |                          | Push&Clean               | Push&Clean               |
| Suction control on hand tube       | ●                        | ●                        | ●                        |
| Accessory holder and tool storage  | ●                        | ●                        | ●                        |
| SoftStart                          |                          |                          | ●                        |
| AntiStatic (electronic discharge)  |                          |                          | ○ AntiStatic ready       |
| Power socket                       |                          |                          | ●                        |
| <b>STANDARD EQUIPMENT</b>          |                          |                          |                          |
| Suction hose                       | 302000473 [Ø32 mm x 3 m] | 302000473 [Ø32 mm x 3 m] | 302000473 [Ø32 mm x 3 m] |
| Extension tube, alu., 2 pcs., Ø36  | 107400032                | 107400032                | 107400032                |
| Fleece filter bag, 5 pcs.*         | 302004000                | 302004000                | 302004000                |
| Filter element, PET, Ø185 x 140 mm | 302000490                | 302000490                | 302000490                |
| Universal nozzle, 115 mm           |                          |                          | 14295                    |
| Combi nozzle, 260 mm               | 302000477                | 302000477                | 302000477                |
| Brush nozzle, 230 mm               |                          |                          | 6086                     |
| Crevice nozzle, 300 mm             | 6084                     | 6084                     | 6084                     |
| Tool adapter                       |                          |                          | 60916                    |
| <b>ITEM NO.</b>                    | <b>302003405</b>         | <b>302003406</b>         | <b>302003407</b>         |





◀ The built-in storage for accessories and power cable makes the handling convenient and safe and the tool storage on top of the machine allows you to keep your tools ready at hand.

ATTIX 30-21 models include a power outlet with AutoOnOff switch function – a convenient feature for use with electrical power tools. The variable speed control allows you to adjust the suction power to the specific application.

The new generation of XtremeClean automatic filter cleaning system increases the efficiency and reduces down time – even in the most demanding fine dust application. The washable PET NanoFibre filter and reversed air flow prevents power loss without interruptions during operation.



| TECHNICAL DATA                       | ATTIX 30-21 PC           | ATTIX 30-21 XC       |
|--------------------------------------|--------------------------|----------------------|
| Air flow rate (l/min.)               | 3700                     | 3700                 |
| Vacuum (mbar/kPa)                    | 250/25                   | 250/25               |
| Power P <sub>max</sub> (W)           | 1500                     | 1500                 |
| Power P <sub>IEC</sub> (W)           | 1200                     | 1200                 |
| Working sound level (dB(A))          | 59                       | 59                   |
| Container volume (l)                 | 30                       | 30                   |
| Mains connection (V/~ /Hz)           | 230/1/50-60              | 230/1/50-60          |
| Dimensions L x W x H (mm)            | 450 x 380 x 595          | 450 x 380 x 595      |
| Weight (kg)                          | 10                       | 11                   |
| El cable (m)                         | 7.5                      | 7.5                  |
| <b>FEATURES</b>                      |                          |                      |
| Filter cleaning system               | Push&Clean               | XtremeClean          |
| Suction control on hand tube         | ●                        |                      |
| Accessory holder and tool storage    | ●                        | ●                    |
| SoftStart                            | ●                        | ●                    |
| AntiStatic (electronic discharge)    | ○ AntiStatic ready       | ○ AntiStatic ready   |
| AutoOnOff for electrical power tools | ●                        | ●                    |
| Speed control                        | ●                        | ●                    |
| Automatic water level shut-off       |                          | ●                    |
| <b>STANDARD EQUIPMENT</b>            |                          |                      |
| Suction hose                         | 302000473 [Ø32 mm x 3 m] | 25537 [Ø36 mm x 4 m] |
| Extension tube, chrome, 2 pcs., Ø36  | 302000529                | 302000529            |
| Curved hand tube, chrome, Ø36        |                          | 302000528            |
| Fleece filter bag, 5 pcs.*           | 302004000                |                      |
| Filter element, PET, Ø185 x 140 mm   | 302000490                |                      |
| Flat filter, PET, NanoFibre          |                          | 302002842            |
| Disposal bag, 5 pcs.*                |                          | 302000804            |
| Professional floor nozzle, 400 mm    | 302003666                | 302003666            |
| Crevice nozzle, 300 mm               | 6084                     | 6084                 |
| Tool adapter                         | 60916                    | 302000535            |
| <b>ITEM NO.</b>                      | <b>107407544</b>         | <b>107403508</b>     |









◀ ATTIX 40 is the ideal Wet&Dry machine if the needs are high performance in combination with a compact high quality stainless steel container. The robust and easy to clean stainless steel container and the superior suction power makes ATTIX 40 the perfect solution for commercial and industrial use.

Washable PET filters and automatic/semi-automatic filter cleaning systems secure low downtime, continuously high suction performance and low maintenance cost – a machine build for professional use. ▶



## With stainless steel container - the perfect combination of high performance and robustness in moist applications

- High quality stainless steel container
- SilentPower – High performance that is seen, but not heard
- MultiFit accessory system for the ultimate in task flexibility
- Washable PET fleece filter with minimum 99,9% filtration efficiency



| TECHNICAL DATA                       | ATTIX 40-01 PC INOX  | ATTIX 40-21 PC INOX         | ATTIX 40-21 XC INOX         |
|--------------------------------------|----------------------|-----------------------------|-----------------------------|
| Air flow rate (l/min.)               | 3700                 | 3700                        | 3700                        |
| Vacuum (mbar/kPa)                    | 250/25               | 250/25                      | 250/25                      |
| Power P <sub>max</sub> (W)           | 1500                 | 1500                        | 1500                        |
| Power P <sub>IEC</sub> (W)           | 1200                 | 1200                        | 1200                        |
| Working sound level (dB(A))          | 59                   | 59                          | 59                          |
| Container volume (l)                 | 37                   | 37                          | 37                          |
| Mains connection (V/~ /Hz)           | 230/1/50-60          | 230/1/50-60                 | 230/1/50-60                 |
| Dimensions L x W x H (mm)            | 450 x 440 x 735      | 450 x 440 x 735             | 450 x 440 x 735             |
| Weight (kg)                          | 13                   | 14                          | 14                          |
| El cable (m)                         | 7.5                  | 7.5                         | 7.5                         |
| <b>FEATURES</b>                      |                      |                             |                             |
| Filter cleaning system               | Push&Clean           | Push&Clean                  | XtremeClean                 |
| Accessory holder and tool storage    | ●                    | ●                           | ●                           |
| SoftStart                            | ●                    | ●                           | ●                           |
| AntiStatic (electronic discharge)    | ○ AntiStatic ready   | ●                           | ●                           |
| AutoOnOff for electrical power tools |                      | ●                           | ●                           |
| Speed control                        |                      | ●                           | ●                           |
| Automatic water level shut-off       |                      |                             | ●                           |
| <b>STANDARD EQUIPMENT</b>            |                      |                             |                             |
| Suction hose                         | 46948 [Ø36 mm x 3 m] | 302001682 [Ø36 mm x 5 m AS] | 302001682 [Ø36 mm x 5 m AS] |
| Extension tube, 2 pcs., Ø36          | 302000529, chrome    |                             | 15546, stainless steel      |
| Curved hand tube, Ø36                | 302000528, chrome    |                             | 46691, stainless steel      |
| Fleece filter bag, 5 pcs.*           | 302004004            | 302004004                   |                             |
| Filter element, PET, Ø185 x 140 mm   | 302000490            | 302000490                   |                             |
| Flat filter, PET NanoFibre           |                      |                             | 302002842                   |
| Disposal bag, 5 pcs.*                |                      |                             | 302000804                   |
| Professional floor nozzle, 400 mm    | 302003666            |                             | 302003666                   |
| Crevice nozzle, 300 mm               | 6084                 |                             | 6084                        |
| Tool adapter                         |                      | 302000535                   | 302000535                   |
| <b>ITEM NO.</b>                      | <b>302003414</b>     | <b>302003415</b>            | <b>107403512</b>            |



## ATTIX 50 – Single-phase wet & dry vacs



ATTIX 50 combines high Wet&Dry performance with big container capacity – the ideal solution for demanding customers with high frequency cleaning. The improved ergonomic design ensures functional and user-friendly operation – all in all an efficient and reliable solution.

The new generation of filter cleaning technology increases efficiency and reduces downtime. The advanced PET NanoFibre material applied in our series of XtremeClean machines prevents deep filtration and loss of performance – a real user-benefit for fine dust applications.



### When you need container volume

- SilentPower – High performance that is seen, but not heard
- MultiFit accessory system for the ultimate in task flexibility
- Washable PET fleece filter with minimum 99,9% filtration efficiency



| TECHNICAL DATA                       | ATTIX 50-01 PC       | ATTIX 50-21 PC              | ATTIX 50-21 XC       |
|--------------------------------------|----------------------|-----------------------------|----------------------|
| Air flow rate (l/min.)               | 3700                 | 3700                        | 3700                 |
| Vacuum (mbar/kPa)                    | 250/25               | 250/25                      | 250/25               |
| Power P <sub>max</sub> (W)           | 1500                 | 1500                        | 1500                 |
| Power P <sub>IEC</sub> (W)           | 1200                 | 1200                        | 1200                 |
| Working sound level (dB(A))          | 59                   | 59                          | 59                   |
| Container volume (l)                 | 47                   | 47                          | 47                   |
| Mains connection (V/~/Hz)            | 230/1/50-60          | 230/1/50-60                 | 230/1/50-60          |
| Dimensions L x W x H (mm)            | 450 x 380 x 750      | 450 x 380 x 750             | 450 x 380 x 750      |
| Weight (kg)                          | 11                   | 11                          | 12                   |
| El cable (m)                         | 7.5                  | 7.5                         | 7.5                  |
| <b>FEATURES</b>                      |                      |                             |                      |
| Filter cleaning system               | Push&Clean           | Push&Clean                  | XtremeClean          |
| Accessory holder and tool storage    | ●                    | ●                           | ●                    |
| SoftStart                            | ●                    | ●                           | ●                    |
| AntiStatic (electronic discharge)    | ○ AntiStatic ready   | ●                           | ○ AntiStatic ready   |
| AutoOnOff for electrical power tools |                      | ●                           | ●                    |
| Speed control                        |                      | ●                           | ●                    |
| Automatic water level shut-off       |                      |                             | ●                    |
| <b>STANDARD EQUIPMENT</b>            |                      |                             |                      |
| Suction hose                         | 46948 [Ø36 mm x 3 m] | 302001682 [Ø36 mm x 5 m AS] | 25537 [Ø36 mm x 4 m] |
| Extension tube, chrome, 2 pcs., Ø36  | 302000529            | 302000529                   | 302000529            |
| Curved hand tube, chrome, Ø36        | 302000528            | 302000528                   | 302000528            |
| Fleece filter bag, 5 pcs.*           | 302004004            | 302004004                   |                      |
| Filter element, PET, Ø185 x 140 mm   | 302000490            | 302000490                   |                      |
| Flat filter, PET NanoFibre           |                      |                             | 302002842            |
| Disposal bag, 5 pcs.*                |                      |                             | 302000728            |
| Professional floor nozzle, 400 mm    | 302003666            | 302003666                   | 302003666            |
| Crevice nozzle, 300 mm               | 6084                 | 6084                        | 6084                 |
| Tool adapter                         |                      | 302000535                   | 302000535            |
| <b>ITEM NO.</b>                      | <b>302003411</b>     | <b>107407545</b>            | <b>107403510</b>     |



◀ The ATTIX 50 CLEAN ROOM model is designed for use in clean room applications as found in hospitals, electronic laboratories and the pharmaceutical industry. A HEPA main filter and the additional motor cooling air filter provide high filtration of both exhaust working air and cooling air flows.

The EC drive system is a brushless longlife motor with electronically regulation and precise power control. A durable and efficient solution for continuously use without sparks or carbon dust from the motor.



**HEPA FILTER**  
99,995 - 99,999 %  
**FILTRATION**



| TECHNICAL DATA                         | ATTIX 50-21 PC EC           | ATTIX 50-21 PC CLEAN ROOM   |
|----------------------------------------|-----------------------------|-----------------------------|
| Air flow rate (l/min.)                 | 3200                        | 3200                        |
| Vacuum (mbar/kPa)                      | 230/23                      | 230/23                      |
| Power P <sub>max</sub> (W)             | 1400                        | 1400                        |
| Power P <sub>IEC</sub> (W)             | 1100                        | 1100                        |
| Working sound level (dB(A))            | 60                          | 60                          |
| Container volume (l)                   | 47                          | 47                          |
| Mains connection (V/~ /Hz)             | 230/1/50-60                 | 230/1/50-60                 |
| Dimensions L x W x H (mm)              | 450 x 380 x 750             | 450 x 380 x 750             |
| Weight (kg)                            | 11                          | 11                          |
| El cable (m)                           | 7.5                         | 7.5                         |
| <b>FEATURES</b>                        |                             |                             |
| Filter cleaning system                 | Push&Clean                  | Push&Clean                  |
| Accessory holder and tool storage      | ●                           | ●                           |
| SoftStart                              | ●                           | ●                           |
| AntiStatic (electronic discharge)      | ●                           | ●                           |
| AutoOnOff for electrical power tools   | ●                           | ●                           |
| Speed control                          | ●                           | ●                           |
| Long life brushless EC motordrive      | ●                           | ●                           |
| <b>STANDARD EQUIPMENT</b>              |                             |                             |
| Suction hose                           | 302001682 [Ø36 mm x 5 m AS] | 302001682 [Ø36 mm x 5 m AS] |
| Fleece filter bag, 5 pcs.*             | 302004004                   | 302004004                   |
| Filter element, PET, Ø185 x 140 mm     | 302000490                   |                             |
| Filter element, H-class, Ø211 x 140 mm |                             | 302000658                   |
| Tool adapter                           | 302000535                   | 302000535                   |
| Exhaust air collector, Ø50 MultiFit    |                             | 302003717                   |
| Motor cooling air filter               |                             | 302003721                   |
| <b>ITEM NO.</b>                        | <b>107400411</b>            | <b>107400412</b>            |

# ATTIX 560-21 XC – Single-phase wet & dry vacs



ATTIX 560-21 XC is perfect for users who need a larger capacity and features that focus on efficiency. Our most silent vacuum ever, with superior suction performance, automatic filter cleaning, anti-static capability and many other features. Even when it does a hard work, you almost won't notice it. This machine is the solution for the even more demanding customers with a higher frequency of cleaning. Maximum efficiency is supplied by automatic filter cleaning.

The XtremeClean filter cleaning system allows you to work without interruptions - and you will hardly hear it happens. It will handle fine dust and powder automatically, while you continue working.



## Large, robust, ergonomic powerful and extremely silent

- SilentPower – High performance that is seen, but not heard
- MultiFit accessory system for the ultimate in task flexibility
- Washable PET Nano fibre material with minimum 99,9% filtration efficiency



| TECHNICAL DATA                               | ATTIX 560-21 XC           |
|----------------------------------------------|---------------------------|
| Air flow rate (l/min.)                       | 3600                      |
| Vacuum (mbar/kPa)                            | 230/23                    |
| Power P <sub>max</sub> (W)                   | 1500                      |
| Power P <sub>IEC</sub> (W)                   | 1200                      |
| Working sound level (dB(A))                  | 57                        |
| Container volume (l)                         | 45                        |
| Mains connection (V/~ /Hz)                   | 230/1/50-60               |
| Dimensions L x W x H (mm)                    | 506 x 476 x 655           |
| Weight (kg)                                  | 16                        |
| El cable (m)                                 | 7.5                       |
| <b>FEATURES</b>                              |                           |
| Filter cleaning system                       | XtremeClean               |
| Accessory holder and tool storage            | ●                         |
| SoftStart                                    | ●                         |
| AntiStatic (electronic discharge)            | ●                         |
| AutoOnOff for electrical power tools         | ●                         |
| Speed control                                | ●                         |
| Automatic water level shut-off               | ●                         |
| <b>STANDARD EQUIPMENT</b>                    |                           |
| Suction hose                                 | 15325 [Ø27 mm x 3.5 m AS] |
| Filter element, PET NanoFibre, Ø275 x 187 mm | 107400562                 |
| Disposal bag, 5 pcs.*                        | 302000728                 |
| Tool adapter                                 | 107404520                 |
| <b>ITEM NO.</b>                              | <b>302000583</b>          |





## ATTIX 7 – Single-phase wet & dry vacs



◀ The Wet&Dry ATTIX 7 is perfect for users who need a big capacity and highly efficient machine with a robust steel chassis. As our quietest vacuum ever, the ATTIX 7 model is a genuine solution for professional use.

The high quality stainless steel container with 70 litre capacity features a tilt or lift-off option for disposal of debris – an ergonomic and convenient solution for both dry dust and wet applications. ▶



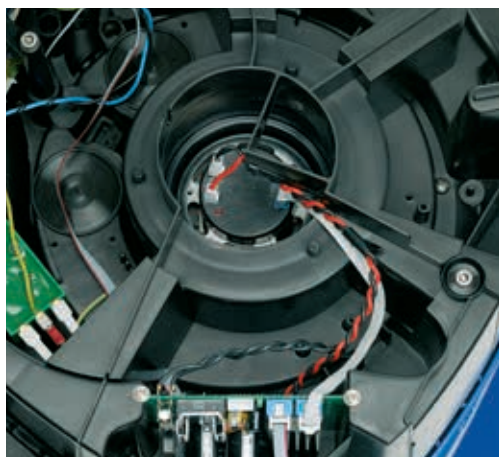
### Performance that is simply unheard of

- High quality stainless steel container with steel chassis
- SilentPower – High performance that is seen, but not heard
- MultiFit accessory system for the ultimate in task flexibility
- Washable PET fleece filter with minimum 99,9% filtration efficiency



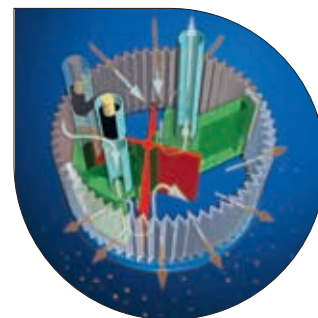
| TECHNICAL DATA                               | ATTIX 751-11         | ATTIX 751-21              |
|----------------------------------------------|----------------------|---------------------------|
| Air flow rate (l/min.)                       | 3600                 | 3600                      |
| Vacuum (mbar/kPa)                            | 230/23               | 230/23                    |
| Power P <sub>max</sub> (W)                   | 1500                 | 1500                      |
| Power P <sub>IEC</sub> (W)                   | 1200                 | 1200                      |
| Working sound level (dB(A))                  | 57                   | 57                        |
| Container volume (l)                         | 70                   | 70                        |
| Mains connection (V/~ /Hz)                   | 230/1/50-60          | 230/1/50-60               |
| Dimensions L x W x H (mm)                    | 605 x 580 x 970      | 605 x 580 x 970           |
| Weight (kg)                                  | 25                   | 25                        |
| El cable (m)                                 | 7.5                  | 7.5                       |
| <b>FEATURES</b>                              |                      |                           |
| Accessory holder and tool storage            | ●                    | ●                         |
| SoftStart                                    | ●                    | ●                         |
| AntiStatic (electronic discharge)            | ○ AntiStatic ready   | ●                         |
| Power socket                                 | ●                    | ●                         |
| AutoOnOff for electrical power tools         |                      | ●                         |
| Speed control                                |                      | ●                         |
| Tilt and lift-off container, stainless steel | ●                    | ●                         |
| <b>STANDARD EQUIPMENT</b>                    |                      |                           |
| Suction hose                                 | 25537 [Ø36 mm x 4 m] | 15325 [Ø27 mm x 3.5 m AS] |
| Filter bag, 5 pcs.*                          | 302002892            | 302002892                 |
| Filter element, PET, Ø185 x 140 mm           | 302000490            | 302000490                 |
| Curved hand tube, stainless steel, Ø36       | 46691                |                           |
| Tool adapter                                 |                      | 107404520                 |
| Diagonal nozzle tube, rubber                 | 5067                 |                           |
| <b>ITEM NO.</b>                              | <b>302001523</b>     | <b>302001525</b>          |





◀ The EC drive system is a brushless longlife motor with electronic regulation and precise power control. A durable and efficient solution for continuous use without sparks or carbon dust from the motor.

The XtremeClean filter cleaning technology increases efficiency and reduces downtime. The washable PET NanoFibre material used in all ATTIX 7 machines keeps suction performance constantly high and maintenance costs low.



| TECHNICAL DATA                               | ATTIX 761-21 XC           | ATTIX 791-21 EC           |
|----------------------------------------------|---------------------------|---------------------------|
| Air flow rate (l/min.)                       | 3600                      | 3800                      |
| Vacuum (mbar/kPa)                            | 230/23                    | 250/25                    |
| Power P <sub>max</sub> (W)                   | 1500                      | 1500                      |
| Power P <sub>IEC</sub> (W)                   | 1200                      | 1200                      |
| Working sound level (dB(A))                  | 57                        | 59                        |
| Container volume (l)                         | 70                        | 70                        |
| Mains connection (V/~ /Hz)                   | 230/1/50-60               | 230/1/50-60               |
| Dimensions L x W x H (mm)                    | 605 x 580 x 970           | 605 x 580 x 970           |
| Weight (kg)                                  | 27                        | 25                        |
| El cable (m)                                 | 7.5                       | 7.5                       |
| <b>FEATURES</b>                              |                           |                           |
| Filter cleaning system                       | XtremeClean               |                           |
| Accessory holder and tool storage            | ●                         | ●                         |
| SoftStart                                    | ●                         | ●                         |
| AntiStatic (electronic discharge)            | ●                         | ●                         |
| Power socket                                 | ●                         | ●                         |
| AutoOnOff for electrical power tools         | ●                         | ●                         |
| Speed control                                | ●                         | ●                         |
| Tilt and lift-off container, stainless steel | ●                         | ●                         |
| Long life brushless EC motordrive            |                           | ●                         |
| Automatic water level shut-off               | ●                         |                           |
| <b>STANDARD EQUIPMENT</b>                    |                           |                           |
| Suction hose                                 | 15325 [Ø27 mm x 3.5 m AS] | 15325 [Ø27 mm x 3.5 m AS] |
| Filter bag, 5 pcs.*                          | 302002892                 | 302002892                 |
| Filter element, PET, Ø185 x 140 mm           |                           | 302000490                 |
| Filter element, PET NanoFibre, Ø275 x 187 mm | 107400562                 |                           |
| Disposal bag, 5 pcs.*                        | 302001480                 |                           |
| Tool adapter                                 | 107404520                 | 107404520                 |
| <b>ITEM NO.</b>                              | <b>302001533</b>          | <b>302001536</b>          |



## ATTIX 7 SPECIAL PURPOSE – Single-phase wet & dry vacs



◀ The ATTIX 7 LIQUID VAC and FIRE BRIGADE VAC are specially designed for demanding wet applications like flood pickup, road spills or cleanup after fires. Robust wheels and heavy duty castors give high mobility even on rough ground.

With the high performance and built-in pump the ATTIX 7 LIQUID VAC and FIRE BRIGADE VAC are able to pick up liquids at 200 L/min and discharge at 300 L/min up to 9 meter higher or 50 meters away from the cleanup position.

A double stainless steel sieve system protects the pump and turbine from damage during wet pick-up.



### Special solutions for special applications

- Built-in pump for continuously and automatic liquid discharge
- High quality stainless steel container
- Comfortable grip and robust steel chassis for durability and easy mobility
- MultiFit accessory system for the ultimate in task flexibility
- Wet filter sieve - not suitable for dry pick-up



| TECHNICAL DATA                               | ATTIX 751-61 LIQUID VAC | ATTIX 751-71 FIRE BRIGADE VAC |
|----------------------------------------------|-------------------------|-------------------------------|
| Air flow rate (l/min.)                       | 3600                    | 3600                          |
| Vacuum (mbar/kPa)                            | 230/23                  | 230/23                        |
| Power P <sub>max</sub> (W)                   | 1500                    | 1500                          |
| Power P <sub>IEC</sub> (W)                   | 1200                    | 1200                          |
| Working sound level (dB(A))                  | 57                      | 57                            |
| Container volume (l)                         | 70                      | 70                            |
| Mains connection (V/~ /Hz)                   | 230/1/50-60             | 230/1/50-60                   |
| Dimensions L x W x H (mm)                    | 605 x 580 x 970         | 510 x 480 x 875               |
| Weight (kg)                                  | 33                      | 31                            |
| El cable (m)                                 | 7.5                     | 10                            |
| <b>FEATURES</b>                              |                         |                               |
| Accessory holder and tool storage            | ●                       | ●                             |
| SoftStart                                    | ●                       | ●                             |
| Speed control                                | ●                       | ●                             |
| In-line safety switch on mains cable         |                         | ●                             |
| Tilt and lift-off container, stainless steel | ●                       | ●                             |
| Compact chassis with inside wheels           |                         | ●                             |
| <b>STANDARD EQUIPMENT</b>                    |                         |                               |
| Suction hose                                 |                         | 302001677 [Ø36 mm x 3.5 m]    |
| Extension tube, stainless steel, 2 pcs., Ø36 |                         | 15546                         |
| Curved hand tube, stainless steel, Ø36       |                         | 46691                         |
| Storage box for suction hose                 |                         | 302001554                     |
| Filter sieve                                 | 302001434               | 302001434                     |
| Wet filter sieve, stainless steel            | 15475                   | 15475                         |
| Wet floor nozzle, alu., 450 mm               |                         | 15349                         |
| Crevice nozzle, 300 mm                       |                         | 6084                          |
| <b>ITEM NO.</b>                              | <b>302001529</b>        | <b>302001530</b>              |







# ATTIX 961-01 & 965-21 SD XC – Single-phase wet & dry vacs



◀ The big capacity stainless steel container keeps emptying to a minimum and ensures longer working time. The practical SitDown container system makes emptying convenient for fast and productive cleaning.

The new generation of filter cleaning technology increases efficiency and reduces downtime. The washable PET NanoFibre material used in all ATTIX 9 machines keeps suction performance constantly high and maintenance costs low.



## Superb performance and quality construction

- Dual-motor industrial performance
- High quality stainless steel container with steel chassis
- Washable PET fleece filter with minimum 99,9% filtration efficiency
- MultiFit accessory system for the ultimate in task flexibility



| TECHNICAL DATA                               | ATTIX 961-01             | ATTIX 965-21 SD XC |
|----------------------------------------------|--------------------------|--------------------|
| Air flow rate (l/min.)                       | 2 x 3600                 | 2 x 3600           |
| Vacuum (mbar/kPa)                            | 250/25                   | 250/25             |
| Power P <sub>max</sub> (W)                   | 2 x 1500                 | 2 x 1500           |
| Power P <sub>IEC</sub> (W)                   | 2 x 1200                 | 2 x 1500           |
| Working sound level (dB(A))                  | 67                       | 67                 |
| Container volume (l)                         | 70                       | 50                 |
| Mains connection (V/~ /Hz)                   | 230/1/50-60              | 230/1/50-60        |
| Dimensions L x W x H (mm)                    | 580 x 600 x 970          | 615 x 690 x 990    |
| Weight (kg)                                  | 30                       | 35                 |
| El cable (m)                                 | 10                       | 10                 |
| <b>FEATURES</b>                              |                          |                    |
| Filter cleaning system                       | Push&Clean               | XtremeClean        |
| Accessory holder and tool storage            | ●                        | ●                  |
| SoftStart                                    | ●                        | ●                  |
| AntiStatic (electronic discharge)            | ○ AntiStatic ready       | ○ AntiStatic ready |
| Tilt and lift-off container, stainless steel | ●                        |                    |
| SitDown container with castor wheels         |                          | ●                  |
| Speed control                                |                          | ●                  |
| AutoOnOff for electrical power tools         |                          | ●                  |
| <b>STANDARD EQUIPMENT</b>                    |                          |                    |
| Suction hose                                 | 302002796 [Ø38 mm x 4 m] |                    |
| Extension tube, stainless steel, Ø38, 2 pcs. | 107402474                |                    |
| Curved hand tube, stainless steel, Ø38       | 302002889                |                    |
| Fleece filter bag, 5 pcs.*                   | 302002892                |                    |
| Filter element, PET NanoFibre, Ø275 x 187 mm | 107400562                | 107400562          |
| Disposal bag, 5 pcs.*                        |                          | 302001480          |
| Professional floor nozzle, 400 mm            | 302002798                |                    |
| Crevice nozzle, 300 mm                       | 302002890                |                    |
| <b>ITEM NO.</b>                              | <b>302002900</b>         | <b>302002902</b>   |





◀ To complement the high performance the ATTIX 115 & 125 models integrate a durable polyester star-filter with big surface area. The manual filter shaker on top of the machine is easy-to-use and ensures a high efficiency of the filter.

ATTIX 115 & 125 is a series of threemotor industrial vacuum cleaners – the ideal solution for demanding applications in industry and construction sites where high airflow is required. The all-steel construction secures a strong and reliable machine with high mobility and big capacity.



## Superior suction power in a strong and flexible solution

- Three-motor industrial performance
- Comfortable grip and robust steel chassis for durability easy mobility
- Multifit adapter included for high flexibility in accessory choice



| TECHNICAL DATA                       | ATTIX 115-01       | ATTIX 125-01       |
|--------------------------------------|--------------------|--------------------|
| Air flow rate (l/min.)               | 8100               | 8100               |
| Vacuum (mbar/kPa)                    | 230/23             | 230/23             |
| Power P <sub>IEC</sub> (W)           | 3 x 1000           | 3 x 1000           |
| Working sound level (dB(A))          | 71                 | 71                 |
| Container volume (l)                 | 100                | 100                |
| Mains connection (V~/Hz)             | 230/1/50-60        | 230/1/50-60        |
| Dimensions L x W x H (mm)            | 800 x 600 x 1555   | 800 x 600 x 1555   |
| Weight (kg)                          | 68                 | 73                 |
| El cable (m)                         | 9                  | 9                  |
| <b>FEATURES</b>                      |                    |                    |
| Filter cleaning system               | Filter shaker      | Filter shaker      |
| Accessory/tube holder                | ●                  | ●                  |
| AntiStatic (electronic discharge)    | ○ AntiStatic ready | ○ AntiStatic ready |
| SitDown container with castor wheels | ●                  | ●                  |
| Independent motor/switches           | ●                  | ●                  |
| <b>STANDARD EQUIPMENT</b>            |                    |                    |
| Star filter, PET L-class             | 40000338           |                    |
| Star filter, PET M-class             |                    | 40000699           |
| MultiFit adapter Ø70/Ø50 mm          | 4072200392         | 4072200392         |
| Cyclone plate                        | Z5 60109           |                    |
| Accessory box                        |                    | 40000892           |
| <b>ITEM NO.</b>                      | <b>4010500044</b>  | <b>4010500045</b>  |

## ATTIX 145 & 155 – Three-phase wet & dry vacs



◀ The 100 liters steel container is ideal for collecting big amounts of solids (e.g. metal chips) or liquids (e.g. oil and lubricants). The practical SitDown container system makes emptying convenient for fast and productive cleaning.

A parallel connection of the side-channel blower gives the ATTIX 155 model a very high airflow – the perfect solution when big amounts of dust needs to be collected.

The wet&dry machines integrate a durable polyester star-filter with large surface area – suitable for fine dust applications - and a manual filter shaker. A build-in manometer monitors the filter efficiency during use. ▶



### Ideal for heavy industrial vacuum cleaning

- Powerful and reliable double side-channel blower – needing no maintenance
- Comfortable grip and robust steel chassis for durability easy mobility
- MultiFit adapter included for high flexibility in accessory choice



| TECHNICAL DATA                       | ATTIX 145-01       | ATTIX 155-01       |
|--------------------------------------|--------------------|--------------------|
| Air flow rate (l/min.)               | 5250               | 8600               |
| Vacuum (mbar/kPa)                    | 300/30             | 300/30             |
| Power P <sub>IEC</sub> (W)           | 2200               | 4000               |
| Working sound level (dB(A))          | 68                 | 72                 |
| Container volume (l)                 | 100                | 100                |
| Mains connection (V~/Hz)             | 400/3/50           | 400/3/50           |
| Dimensions L x W x H (mm)            | 1130 x 600 x 1530  | 1130 x 600 x 1530  |
| Weight (kg)                          | 114                | 139                |
| El cable (m)                         | 9                  | 9                  |
| <b>FEATURES</b>                      |                    |                    |
| Filter cleaning system               | Filter shaker      | Filter shaker      |
| Accessory/tube holder                | ●                  | ●                  |
| AntiStatic (electronic discharge)    | ○ AntiStatic ready | ○ AntiStatic ready |
| SitDown container with castor wheels | ●                  | ●                  |
| Vacuum gauge (filter surveillance)   | ●                  | ●                  |
| Pluge with phase inverter            | ●                  | ●                  |
| <b>STANDARD EQUIPMENT</b>            |                    |                    |
| Star filter, PET L-class             | 40000338           | 40000338           |
| MultiFit adapter Ø70/Ø50 mm          | 4072200392         | 4072200392         |
| <b>ITEM NO.</b>                      | <b>4030500151</b>  | <b>4030800366</b>  |



◀ These coin-operated Self-Service vacuums fulfil all special requirements for filling stations and are built for outside use in all kinds of weather. Available with either single or twin motor operation and a simple cloth filter system for quick and easy maintenance.

An electronic coin payment system provides the option of adjusting running time for different coins and to adopt a national coin or token. Always ready to work for your customers with a minimum of effort.



## Make a good profit with our made-to-measure solution

- Single or dual operation
- High performance and easy to use
- Washable cloth filter with high filtration
- Available in oil company colours and special coin or card reader versions

For further information, contact your local dealer.



| TECHNICAL DATA                              | SB STATION           | SB TANDEM                |
|---------------------------------------------|----------------------|--------------------------|
| Air flow rate (l/min.)                      | 4000                 | 2 x 4000                 |
| Vacuum (mbar/kPa)                           | 235/23.5             | 2 x 235/23.5             |
| Power P <sub>max</sub> (W)                  | 1700                 | 2 x 1700                 |
| Power P <sub>IEC</sub> (W)                  | 1400                 | 2 x 1400                 |
| Working sound level (dB(A))                 | 75                   | 75                       |
| Container volume (l)                        | 30                   | 30                       |
| Mains connection (V~/Hz)                    | 230/1/50-60          | 230/1/50-60              |
| Dimensions L x W x H (mm)                   | 822 x 546 x 2034     | 1183 x 546 x 2034        |
| Weight (kg)                                 | 90                   | 115                      |
| <b>FEATURES</b>                             |                      |                          |
| Automatic hose retraction                   | ●                    | ●                        |
| Electronic coiner with programming mode     | ●                    | ●                        |
| SoftStart                                   | ●                    | ●                        |
| Dual operation                              |                      | ●                        |
| <b>STANDARD EQUIPMENT</b>                   |                      |                          |
| Suction hose                                | 64084 [Ø50 mm x 5 m] | 2 x 64084 [Ø50 mm x 5 m] |
| Hose holder                                 | 43064                | 2 x 43064                |
| Crevice nozzle                              | 7102                 | 2 x 7102                 |
| Special cloth filter insert                 | 17069                | 2 x 17069                |
| Electric coin, €0,5 / €1 / €2 / Token       | 302000305            | 2 x 302000305            |
| <b>ITEM NO. - INCLUDING ELECTRIC COINER</b> | <b>65481</b>         | <b>65482</b>             |



# Respiratory and skin diseases result in very high human costs

The handling of hazardous dust is a complex matter that demands innovative product development and competent engineering. As a specialist, Nilfisk-ALTO offers proven, state-of-the-art solutions in every Hazard Class involving the demanding task of picking up health endangering dusts.

Working with hazardous dust demands the highest level of safety to ensure maximum health protection. Nilfisk-ALTO offers Health and Safety vacuum cleaners for hazardous dust classes – L (light), M (medium), H (high), and asbestos, and for explosive dusts classified as ATEX Type 22. All our solutions meet the new pan-European standards and bear all the necessary statutory test symbols. The entire range is designed for professionals who also demand low noise operation, ergonomics, long-life and reliable performance.

| SINCE 1997 – EN 60335-2-69, IEC 60335-2-69 |                                                                        | HAZARD TYPES                                                                                                                                                  | DISPOSAL                                        |
|--------------------------------------------|------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| Dust classe / Zone                         | Max. permeability                                                      |                                                                                                                                                               |                                                 |
| L                                          | 1%                                                                     | Removes 99% of: <ul style="list-style-type: none"> <li>Dusts with OEL values &gt; 1mg/m<sup>3</sup></li> </ul>                                                | -                                               |
| M                                          | 0.1%                                                                   | Removes 99.9% of: <ul style="list-style-type: none"> <li>Dusts with OEL values &gt; 0.1mg/m<sup>3</sup></li> <li>Wood dust</li> </ul>                         | Low dust                                        |
| H                                          | 0.005%                                                                 | Removes 99.995% of: <ul style="list-style-type: none"> <li>Dusts with OEL values</li> <li>Carcinogenic dusts</li> <li>Dusts with germs or bacteria</li> </ul> | Dust free                                       |
| Asbestos requirement                       | as H                                                                   | <ul style="list-style-type: none"> <li>Asbestos dust</li> </ul>                                                                                               |                                                 |
| Explosive dusts (ATEX Zone 22)             | <b>Type 22</b> - As Dust Class L, M or H, with additional requirements | <ul style="list-style-type: none"> <li>Dusts of dust explosion classes St1, St2 and St3 in ATEX Zone 22 (previously zone 11)</li> </ul>                       | Basic machine for ATEX Zone 22 with test M or H |



These vacuum cleaners permit picking up dusts from dust class L. These include dusts with OEL values > 1 mg/m<sup>3</sup>.



These vacuum cleaners permit picking up dusts from dust classes L and M. These include all healthendangering, non-carcinogenic dusts with OEL values > 0.1 mg/m<sup>3</sup> and hardwood dusts.



These vacuum cleaners permit picking up dusts from dust classes L, M and H. These include all healthendangering dusts with OEL values, all carcinogenic dusts and dusts contaminated with germs and bacteria.



Asbestos is a group of naturally-occurring inorganic crystalline silicates which are found in the form of fibres. When subjected to mechanical loads these fibres can split, producing ever thinner fibres, which can consequently be deposited in the lungs. Asbestos is not used anymore, but a lot of materials and buildings that contain asbestos have to be renovated. Asbestos dusts are only permitted to be picked up with vacuum cleaners conforming to dust class H.



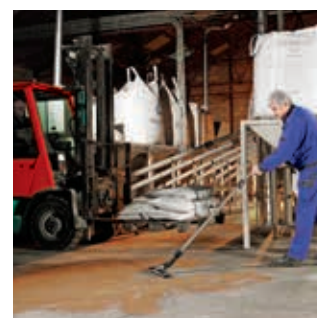
These vacuum cleaners are approved to pick up explosive/flammable dust in ATEX Zone 22 as well as dust from dust classes L, M or H. Furthermore these vacuum cleaners are approved to be used as dust extractors.

# ATEX ZONE 22

## – Beware of explosive dust



With regard to Health and Safety vacuum cleaners, diseases are not the only danger. It is well-known that cotton or paper can burn, but also other materials such as flour or even metals can ignite. The presence of oxygen and an ignition source with sufficient energy and a flammable substance (gas, liquid or solid) are factors which can provoke an explosion. The finer the dust, the higher the risk of explosion!



With the ATEX directive 94/9/EC that came into force in July 2003, the removal and separation of explosive materials has become an international regulation. Many types of dust which are potentially explosive are classified as an ATEX (ATmosphere EXplosive) application and equipment must meet additional and very special requirements.

Nilfisk-ALTO offers a range of safety vacuum cleaners to pick up explosive dust and separate it from the surrounding air. If dusts are to be vacuumed which are both explosive and hazardous, the vacuum must meet the requirements for both explosive and hazardous dust applications.

### Additional test certificates and third party approvals

ATEX Directive 94/9/EC puts the burden on the manufacturer to ensure that products supplied for use in explosive atmospheres are ATEX compliant. This means that for a Health and Safety vacuum designed for use in an explosive atmosphere, the machine must be ATEX compliant with reference to the particular working environment. All Nilfisk-ALTO TYPE 22 vacuum cleaners are ATEX compliant in ZONE 22, and this range of vacuum cleaners has passed a wide range of technical test requirements and third party approvals.

In addition to the normal requirements for a certified Health and Safety vacuum cleaner, some of the requirements to be met are listed below:

- Electric working materials must correspond to the regulations of the VDE 0165 "Setup of electrical equipment in explosive areas", for example EC system drives (free from sources of ignition).
- The machine must correspond to protection class IP 54 at least.
- Working materials must be marked with the occurring surface temperatures during constant use when these temperatures exceed 80°C. In addition, surface temperature must not exceed 135°C.
- Electric motors must be protected against short circuit, overheating due to overload or phase dropout.
- Air flow out of the vacuum must be directed in such a way that settled dust cannot be whirled up – exhaust speed max. 1 m/s at 50 mm above the floor.
- Conductive machine parts (including attachments such as the suction hose and hand tube) must be electrostatically earthed.
- Special coupling is to be used which secures the earthing and makes confusion with non-conductive attachment parts impossible.
- Earthing resistance must not be higher than 1 MΩ.
- Container casing must be made of very non-flammable material.
- Vacuums should be clearly marked with a warning label stating "approved for use with flammable dusts in ZONE 22".
- The vacuum should also be marked with L-, M- or H-Class, depending on which requirements apply.

Nilfisk-ALTO single-phase TYPE 22 vacuum cleaners for ATEX ZONE 22 are tested and certified with the following classification:

 II 3D Ex tD A22 T 135 °C IP54

# M-Class Health & Safety Vacuum cleaners



◀ If working with M-Class hazardous dust, our series of M-Class certified vacuum cleaners is the perfect Wet&Dry solution. A safe and easy-to-use solution with features to enhance working efficiency.

The built-in FlowSensor and acoustic warning signal monitors air speed in the suction hose to make sure that it does not fall below the minimum of 20 m/s. The use of suction hoses with different diameters is easily adjustable on the main control board.



**For the professionals that also demand low noise operation, ergonomics, long-life and reliable performance**

- Approved for work with M-Class hazardous dust
- SilentPower – High performance that is seen, but not heard
- MultiFit accessory system for the ultimate in task flexibility
- Washable PET fleece filter with minimum 99,9% filtration efficiency



| TECHNICAL DATA                       | ATTIX 30-2M PC              | ATTIX 30-2M XC              | ATTIX 50-2M PC              | ATTIX 50-2M XC              |
|--------------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Air flow rate (l/min.)               | 3700                        | 3700                        | 3700                        | 3700                        |
| Vacuum (mbar/kPa)                    | 250/25                      | 250/25                      | 250/25                      | 250/25                      |
| Power Pmax (W)                       | 1500                        | 1500                        | 1500                        | 1500                        |
| Power P <sub>IEC</sub> (W)           | 1200                        | 1200                        | 1200                        | 1200                        |
| Working sound level (dB(A))          | 59                          | 59                          | 59                          | 59                          |
| Container volume (l)                 | 30                          | 30                          | 47                          | 47                          |
| Mains connection (V/~/Hz)            | 230/1/50-60                 | 230/1/50-60                 | 230/1/50-60                 | 230/1/50-60                 |
| Dimensions L x W x H (mm)            | 450 x 380 x 595             | 450 x 380 x 595             | 450 x 380 x 750             | 450 x 380 x 750             |
| Weight (kg)                          | 10                          | 11                          | 11                          | 12                          |
| El cable (m)                         | 7.5                         | 7.5                         | 7.5                         | 7.5                         |
| <b>FEATURES</b>                      |                             |                             |                             |                             |
| Filter cleaning system               | Push&Clean                  | XtremeClean                 | Push&Clean                  | XtremeClean                 |
| Accessory holder and tool storage    | ●                           | ●                           | ●                           | ●                           |
| SoftStart                            | ●                           | ●                           | ●                           | ●                           |
| AntiStatic (electronic discharge)    | ●                           | ●                           | ●                           | ●                           |
| AutoOnOff for electrical power tools | ●                           | ●                           | ●                           | ●                           |
| Speed control                        | ●                           | ●                           | ●                           | ●                           |
| <b>STANDARD EQUIPMENT</b>            |                             |                             |                             |                             |
| Suction hose                         | 302001682 [Ø36 mm x 5 m AS] | 302001682 [Ø36 mm x 5 m AS] | 302001682 [Ø36 mm x 5 m AS] | 302001682 [Ø36 mm x 5 m AS] |
| Extension tube, chrome, 2 pcs., Ø36  | 302000529                   |                             | 302000529                   |                             |
| Curved hand tube, chrome, Ø36        | 302000528                   |                             | 302000528                   |                             |
| Filter bag, 5 pcs.*                  | 302004000                   | 302004000                   | 302004004                   | 302004004                   |
| Flat filter, PET NanoFibre           |                             | 302002842                   |                             | 302002842                   |
| Filter element, PET, Ø185 x 140 mm   | 302000490                   |                             | 302000490                   |                             |
| Disposal bag, 5 pcs.*                |                             | 302000804                   |                             | 302000728                   |
| Tool adapter                         | 302000535                   | 302000535                   | 302000535                   | 302000535                   |
| Professional floor nozzle, 400 mm    | 302003666                   |                             | 302003666                   |                             |
| ITEM NO.                             | 107400402                   | 107400401                   | 107400403                   | 107400404                   |





◀ All M-class models are provided with an AntiStatic hose system to avoid unpleasant electrical shocks during use. The earthed connection prevents accumulation of dirt and ensures electrostatic discharge.

Choose from different container sizes, materials and different filter cleaning systems to find exactly the right machine for your application and cleaning task.

Washable PET filters and automatic/semi-automatic filter cleaning systems secure low downtime, continuously high suction performance and low maintenance cost – a machine built for professional use. ▶



| TECHNICAL DATA                               | ATTIX 751-2M              | ATTIX 761-2M XC           |
|----------------------------------------------|---------------------------|---------------------------|
| Air flow rate (l/min.)                       | 3600                      | 3600                      |
| Vacuum (mbar/kPa)                            | 230/23                    | 230/23                    |
| Power P <sub>max</sub> (W)                   | 1500                      | 1500                      |
| Power P <sub>IEC</sub> (W)                   | 1200                      | 1200                      |
| Working sound level (dB(A))                  | 57                        | 57                        |
| Container volume (l)                         | 70                        | 70                        |
| Mains connection (V/~/Hz)                    | 230/1/50-60               | 230/1/50-60               |
| Dimensions L x W x H (mm)                    | 605 x 580 x 970           | 605 x 580 x 970           |
| Weight (kg)                                  | 25                        | 27                        |
| El cable (m)                                 | 7.5                       | 7.5                       |
| <b>FEATURES</b>                              |                           |                           |
| Filter cleaning system                       |                           | XtremeClean               |
| Accessory holder and tool storage            | ●                         | ●                         |
| SoftStart                                    | ●                         | ●                         |
| AntiStatic (electronic discharge)            | ●                         | ●                         |
| AutoOnOff for electrical power tools         | ●                         | ●                         |
| Speed control                                | ●                         | ●                         |
| Tilt and lift-off container, stainless steel | ●                         | ●                         |
| <b>STANDARD EQUIPMENT</b>                    |                           |                           |
| Suction hose                                 | 15325 [Ø27 mm x 3.5 m AS] | 15325 [Ø27 mm x 3.5 m AS] |
| Fleece filter bag, 5 pcs.*                   | 302002892                 | 302002892                 |
| Filter element, PET, Ø185 x 140 mm           | 302000490                 |                           |
| Filter element, PET NanoFibre, Ø275 x 187 mm |                           | 107400562                 |
| Disposal bag, 5 pcs.*                        |                           | 302001480                 |
| Tool adapter                                 | 107404520                 | 107404520                 |
| <b>ITEM NO.</b>                              | <b>302001526</b>          | <b>302001535</b>          |

## H-Class – Health & Safety Vacuum cleaners



◀ If working with H-Class hazardous dust or asbestos, safe and dust-free dust handling is a key parameter. Our series of certified H-Class vacuum cleaners offers a safe and easy-to-use solution with features which enhance safe working.

The built-in FlowSensor and acoustic warning signal monitor air speed in the suction hose to make sure that it does not fall below the minimum of 20 m/s. The use of suction hoses with different diameters is easily adjustable on the main control board.



### When you don't want to compromise your working safety

- Approved for work with H-class hazardous dust and asbestos
- Certified H-class filter with 99,995 - 99,999% filtration efficiency
- SilentPower – High performance that is seen, but not heard
- MultiFit accessory system for the ultimate in task flexibility



| TECHNICAL DATA                         | ATTIX 30-0H              | ATTIX 30-0H PC       | ATTIX 30-2H PC              | ATTIX 50-0H PC       | ATTIX 50-2H PC              |
|----------------------------------------|--------------------------|----------------------|-----------------------------|----------------------|-----------------------------|
| Air flow rate (l/min.)                 | 3000                     | 3700                 | 3700                        | 3700                 | 3700                        |
| Vacuum (mbar/kPa)                      | 230/23                   | 250/25               | 250/25                      | 250/25               | 250/25                      |
| Power P <sub>max</sub> (W)             | 1150                     | 1500                 | 1500                        | 1500                 | 1500                        |
| Power P <sub>IEC</sub> (W)             | 1000                     | 1200                 | 1200                        | 1200                 | 1200                        |
| Working sound level (dB(A))            | 59                       | 59                   | 59                          | 59                   | 59                          |
| Container volume (l)                   | 30                       | 30                   | 30                          | 47                   | 47                          |
| Mains connection (V~/Hz)               | 230/1/50-60              | 230/1/50-60          | 230/1/50-60                 | 230/1/50-60          | 230/1/50-60                 |
| Dimensions L x W x H (mm)              | 450 x 380 x 595          | 450 x 380 x 595      | 450 x 380 x 595             | 450 x 380 x 750      | 450 x 380 x 750             |
| Weight (kg)                            | 10                       | 10                   | 10                          | 11                   | 11                          |
| El cable (m)                           | 7.5                      | 7.5                  | 7.5                         | 7.5                  | 7.5                         |
| <b>FEATURES</b>                        |                          |                      |                             |                      |                             |
| Filter cleaning system                 |                          | Push&Clean           | Push&Clean                  | Push&Clean           | Push&Clean                  |
| Accessory holder and tool storage      | ●                        | ●                    | ●                           | ●                    | ●                           |
| SoftStart                              | ●                        | ●                    | ●                           | ●                    | ●                           |
| AntiStatic (electronic discharge)      |                          | ○ AntiStatic ready   | ●                           | ○ AntiStatic ready   | ●                           |
| AutoOnOff for electrical power tools   |                          |                      | ●                           |                      | ●                           |
| Speed control                          |                          |                      | ●                           |                      | ●                           |
| Power socket                           |                          |                      | ●                           |                      | ●                           |
| <b>STANDARD EQUIPMENT</b>              |                          |                      |                             |                      |                             |
| Suction hose                           | 302000473 [Ø32 mm x 3 m] | 46948 [Ø36 mm x 3 m] | 302001682 [Ø36 mm x 5 m AS] | 46948 [Ø36 mm x 3 m] | 302001682 [Ø36 mm x 5 m AS] |
| Extension tube, chrome, 2 pcs., Ø36    |                          | 302000529            |                             | 302000529            |                             |
| Curved hand tube, chrome, Ø36          |                          | 302000528            |                             | 302000528            |                             |
| Safety filter bag, 5 pcs.*             | 302004000                | 107400233            | 107400233                   | 107400236            | 107400236                   |
| Filter element, H-class, Ø211 x 140 mm | 302000658                | 302000658            | 302000658                   | 302000658            | 302000658                   |
| Tool adapter                           |                          |                      | 302000535                   |                      | 302000535                   |
| Crevice nozzle                         | 6084                     |                      |                             |                      |                             |
| Brush nozzle                           | 6086                     |                      |                             |                      |                             |
| Professional floor nozzle, 400 mm      |                          | 302003666            |                             | 302003666            |                             |
| Diagonal nozzle tube, rubber           |                          | 5067                 |                             | 5067                 |                             |
| <b>ITEM NO.</b>                        | <b>107407546</b>         | <b>107400405</b>     | <b>107400406</b>            | <b>107400407</b>     | <b>107400408</b>            |



◀ All H-class models are provided with the Nilfisk-ALTO safety filter bag system - a sealed and dust-free disposal system that gives additional safety in hazardous dust applications. No dust escapes when the filter bag is changed.

ATTIX 965-0H/M is approved for both M- and H-class applications. By choosing the correct container inlet, the machine allows dust-free and therefore safe disposal.



All H-class vacuum cleaners are provided with an individually tested and certified filter element with verification of the filtration efficiency.



| TECHNICAL DATA                               | ATTIX 50-2H XC              | ATTIX 751-0H         | ATTIX 761-2H XC         | ATTIX 965-0H/M SD XC |
|----------------------------------------------|-----------------------------|----------------------|-------------------------|----------------------|
| Air flow rate (l/min.)                       | 3700                        | 3100                 | 3600                    | 2 x 3600             |
| Vacuum (mbar/kPa)                            | 250/25                      | 230/23               | 230/23                  | 250/25               |
| Power P <sub>max</sub> (W)                   | 1500                        | 1200                 | 1500                    | 2 x 1500             |
| Power P <sub>IEC</sub> (W)                   | 1200                        | 1000                 | 1200                    | 2 x 1200             |
| Working sound level (dB(A))                  | 59                          | 57                   | 57                      | 67                   |
| Container volume (l)                         | 47                          | 70                   | 70                      | 70                   |
| Mains connection (V~/Hz)                     | 230/1/50-60                 | 230/1/50-60          | 230/1/50-60             | 230/1/50-60          |
| Dimensions L x W x H (mm)                    | 450 x 380 x 750             | 605 x 580 x 970      | 605 x 580 x 970         | 615 x 690 x 990      |
| Weight (kg)                                  | 12                          | 25                   | 27                      | 45                   |
| El cable (m)                                 | 7.5                         | 7.5                  | 7.5                     | 10                   |
| <b>FEATURES</b>                              |                             |                      |                         |                      |
| Filter cleaning system                       | XtremeClean                 |                      | XtremeClean             | XtremeClean          |
| Accessory holder and tool storage            | ●                           | ●                    | ●                       | ●                    |
| SoftStart                                    | ●                           | ●                    | ●                       | ●                    |
| AntiStatic (electronic discharge)            | ●                           | ○ AntiStatic ready   | ●                       | ○ AntiStatic ready   |
| AutoOnOff for electrical power tools         | ●                           |                      | ●                       |                      |
| Speed control                                | ●                           |                      | ●                       |                      |
| Tilt and lift-off container, stainless steel |                             | ●                    | ●                       |                      |
| SitDown container with castor wheels         |                             |                      |                         | ●                    |
| Dual motor                                   |                             |                      |                         | ●                    |
| <b>STANDARD EQUIPMENT</b>                    |                             |                      |                         |                      |
| Suction hose                                 | 302001682 [Ø36 mm x 5 m AS] | 46948 [Ø36 mm x 3 m] | 63209 [Ø36 mm x 4 m AS] |                      |
| Curved hand tube, stainless steel, Ø36       |                             | 46691                |                         |                      |
| Safety filter bag, 5 pcs.*                   | 107400236                   | 302001486            | 302001486               | 302003473            |
| Flat filter, H-class                         | 107400449                   |                      |                         |                      |
| Filter element, H-class, Ø211 x 140 mm       |                             | 302000658            |                         |                      |
| Filter element, H-class, Ø275 x 187 mm       |                             |                      | 107400564               | 107400564            |
| Disposal bag, 5 pcs.*                        |                             |                      |                         | 302001480            |
| Tool adapter                                 | 302000535                   |                      | 48750                   |                      |
| Diagonal nozzle tube, rubber                 |                             | 5067                 |                         |                      |
| <b>ITEM NO.</b>                              | <b>107400409</b>            | <b>302001519</b>     | <b>302002174</b>        | <b>302002903</b>     |



## TYPE 22 – Health & Safety Vacuum cleaners



◀ The built-in FlowSensor and acoustic warning signal monitor air speed in the suction hose to make sure that it does not fall below the minimum of 20 m/s. The use of suction hoses with different diameters is easily adjustable on the main control board.

▶ The ATTIX 995-0H/M SD XC TYPE 22 is the most powerful twin-motor machine approved to be used for both H-, and M-Class dust in ZONE 22 environments. Featuring XtremeClean filter cleaning and a Stainless Steel SitDown container. The perfect concept for industrial use where safety is a must.



### Build to pick-up combustible/flammable dust in ATEX Zone 22

- Brushless long life EC motors for ignition-source-free performance
- Approved for work in ATEX Zone 22 environments with explosive dust
- Approved for use as dust extractor
- A full range of Type 22 accessories is available to tailor your machine to your application.



| TECHNICAL DATA                               | ATTIX 40-0M PC TYPE 22 | ATTIX 791-2M/B1            | ATTIX 995-0H/M SD XC TYPE 22 |
|----------------------------------------------|------------------------|----------------------------|------------------------------|
| Air flow rate (l/min.)                       | 3200                   | 3800                       | 2 x 3200                     |
| Vacuum (mbar/kPa)                            | 230/23                 | 250/25                     | 230/23                       |
| Power P <sub>max</sub> (W)                   | 1400                   | 1500                       | 2 x 1400                     |
| Power P <sub>IEC</sub> (W)                   | 1100                   | 1200                       | 2 x 1100                     |
| Working sound level (dB(A))                  | 60                     | 59                         | 67                           |
| Container volume (l)                         | 37                     | 70                         | 50                           |
| Mains connection (V~/Hz)                     | 230/1/50-60            | 230/1/50-60                | 230/1/50-60                  |
| Dimensions L x W x H (mm)                    | 450 x 440 x 735        | 605 x 580 x 970            | 615 x 690 x 990              |
| Weight (kg)                                  | 13                     | 25                         | 45                           |
| El cable (m)                                 | 7.5                    | 7.5                        | 10                           |
| FEATURES                                     |                        |                            |                              |
| Filter cleaning system                       | Push&Clean             |                            | XtremeClean                  |
| Accessory holder and tool storage            | ●                      | ●                          | ●                            |
| SoftStart                                    | ●                      | ●                          | ●                            |
| AntiStatic (electronic discharge)            | ●                      | ●                          | ●                            |
| AutoOnOff for electrical power tools         |                        | ●                          |                              |
| Speed control                                |                        | ●                          |                              |
| Tilt and lift-off container, stainless steel |                        | ●                          |                              |
| SitDown container with castor wheels         |                        |                            | ●                            |
| Dual motor                                   |                        |                            | ●                            |
| STANDARD EQUIPMENT                           |                        |                            |                              |
| Suction hose, electrically conductive        | 44193 [Ø36 mm x 4 m]   | 107404779 [Ø27 mm x 3.5 m] |                              |
| Curved hand tube, stainless steel, Ø36       | 44188                  |                            |                              |
| Filter bag, 5 pcs.*                          | 302004004              | 302002892                  |                              |
| Safety filter bag, 5 pcs.*                   |                        |                            | 302003473                    |
| Filter element, H-class, Ø211 x 140 mm       | 302000490              | 302000490                  |                              |
| Filter element, H-class, Ø275 x 187 mm       |                        |                            | 107400564                    |
| Disposal bag, 5 pcs.*                        |                        |                            | 302001480                    |
| Tool adapter                                 |                        | 107404521                  |                              |
| Diagonal nozzle, rubber                      | 302000227              |                            |                              |
| Motor cooling air filter                     | 302003721              | 302000491                  | 107400041                    |
| ITEM NO.                                     | 107400410              | 302001537                  | 302002904                    |



## Find the right connection for the accessory

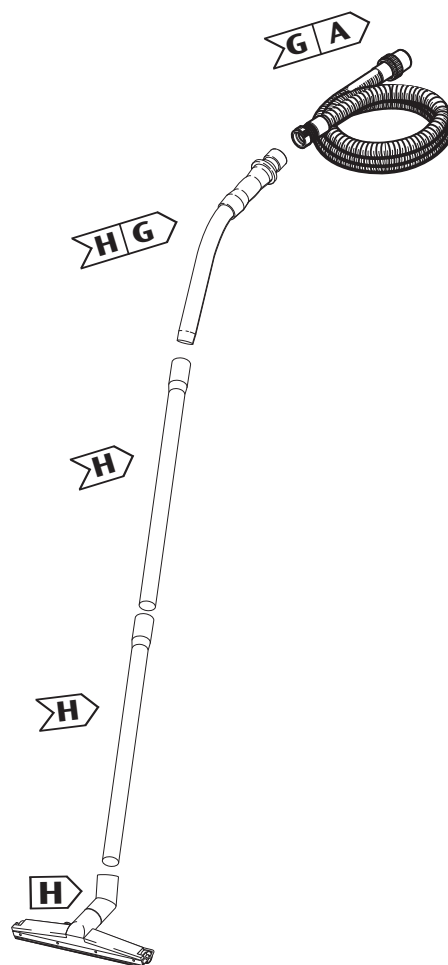


On the next pages you will find all accessories to fit your Nilfisk-ALTO vacuum cleaner and customize it to your specific demands.

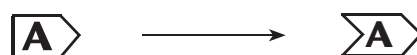
To find your way through, we have created a symbol system to match your accessories.

The symbols are shown with the accessories and helps you find the right connection. The arrow always shows the direction of the airflow (e.g. towards container).

Arrows with the same letter (e.g. (A-AB)) assures a perfect fit.



**The right fit**



**The wrong fit**





EXCEPT Type 22 vacuums

☐ Can be used. (Items included as standard can be seen on the machine pages)

EXCEPT Type 22 vacuums



**136** Please enter [www.nilfisk-alto.com](http://www.nilfisk-alto.com) to see videos and other features for our products. ☐ Can be used. (Items included as standard can be seen on the machine pages)

# Accessory sets for vacuum cleaners

EXCEPT Type 22 vacuums



## Industrial set

**B>A**

### 5-piece, 38 mm dia. connection

4 m suction hose, universal, Ø38

2 x 500 mm extension tubes, stainless steel

Curved hand tube, stainless steel

Industrial adjustable floor nozzle, 400 mm

Crevice nozzle, plastic, 300 mm

## Item No.

302002881

302002796

107402474

302002889

302002798

302002890



## Industrial set

**B>A**

### 6-piece, 50 mm dia. connection

4 m suction hose, universal, Ø50

Curved extension tube, anodised aluminium

Industrial adjustable floor nozzle, 500 mm

Replacement rubber lips

Crevice nozzle, special plastic, 350 mm

Coarse dirt nozzle, aluminium, 200 mm

63216

15358

15335

15343

15346

7102

41100



## Standard set

**B>A**

### 3-piece, 50 mm dia. connection

4 m suction hose, universal, Ø50

Diagonal tube nozzle, rubber, 250 mm

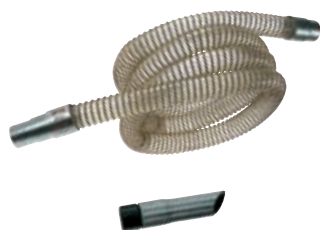
Crevice nozzle, special plastic, 350 mm

6085

15358

7868

7102



## Chip set

**B>A**

### 2-piece, 50 mm dia. connection

4 m heat resistant suction hose, Ø50

Diagonal tube nozzle, rubber, 250 mm

61681

15182

7868



## Bus set

**B>A**

### 6-piece, 50 mm dia. connection

16 m suction hose, universal, Ø50

2 x 560 mm extension tubes, plastic

Crevice nozzle, special plastic, 350 mm

Coarse dirt nozzle, aluminium, 200 mm

Suction brush, plastic

Hose holder

63217

5152

7102

41100

40458

65081



**EXCEPT Type 22 vacuums**



plastic, 90°

Adapter, Ø70-Ø50 mm, metal, MultiFit

Suction hoses – 50 mm dia.



Universal 1.75 m

Universal 4 m

Oil-resistant, 4 m

Heat-resistant, 4 m

Antistatic 4 m

Chips 4 m

Metal 4 m

Hand tubes – Ø50-Ø36 mm



**Hand tube, curved, chrome-plated, turnable**  
for connecting 36 mm dia. accessories

**Hand tube, straight, chrome-plated, turnable**  
for connecting 36 mm dia. accessories

Adapter, Ø50/36 mm, plastic

### ..... Extension tubes



Curved extension tube, aluminium, 1000 mm

Extension tube, plastic, 1050 mm (2 pcs.)

Fixed suction nozzles, aluminium



Large rolling nozzle: alu., 600 mm, with rubber lips

Replacement brush strip (1 pcs.)

Replacement brush strip (2 pcs.)

.....  
Industrial floor nozzle



Rubber lips and height adjustable wheels,  
for wet vacuuming, aluminium, 500 mm wide

Replacement rubber lips (2 pcs.)

Replacement rubber lips, oil-resistant (2 pcs.)

Replacement wheels (2 pcs.)

EXCEPT Type 22 vacuums



# Accessories for vacuum cleaners

EXCEPT Type 22 vacuums



## System 38

Wet&Dry

M-Class

H-Class

Industrial

### Pipe and oven cleaning

>E|A<

#### Suction hose - Ø38-Ø36 mm dia.

heat-resistant, 4 m

universal, 4 m

Item No.

6070

15365

### Extension tube

Aluminium with thermal insulation, 2 m

>E|A<

15339

Aluminium with thermal insulation, 2.5 m

>F|E<

15340

### Pipe cleaning nozzle

|F>

For external cleaning of pipes with

a dia. of 70 - 120 mm

7964

a dia. of 120 - 200 mm

8054

### Oven nozzle

|F>

Aluminium/steel 350 mm wide,

6079

Teflon scraper insert

Replacement scraper insert, Teflon

6080

### Oven nozzle, "XL", 400 mm

|F>

Sturdy nozzle made of stainless steel with

63380

stainless steel scraper insert

Replacement scraper insert, stainless steel

64930

### Suction hose - 38 mm dia.

>C|A<

Universal, 4 m

302002796

Antistatic, 5 m

107401368

### Extension tubes

>D>

Stainless steel, 2 x 500 mm

107402474

### Hand tube

>D|C<

Curved stainless steel

302002889

### Professional floor nozzle

>D>

Basic, plastic, 400 mm, with brushes and rubber lips

302002798

Replacement brush set (2 pcs.)

302003796

Replacement rubber lips (2 pcs.)

302003797

Premium, plastic, 450 mm,

302002799

with brushes, height adjustable wheels and rubber lips

Replacement brush set (2 pcs.)

302003794

Replacement rubber lips (2 pcs.)

302003795

### Crevice nozzle

>D>

Plastic, 300 mm

302002890

### Tool adapter

>D>

Ø38 - Ø50 mm, 300 mm, Antistatic

302002884

Shown, item no.: 63380



EXCEPT Type 22 vacuums



Suction hose – 36 mm dia.



## Universal, 3 m with quick system

Universal, 4 m with quick system

## Oil-resistant, 3,5 m with quick system

Antistatic, 3 m with quick system

Antistatic, 4 m with quick system

Antistatic, 5 m with quick system



## Stainless steel with quick system

Chromium-plated steel with quick system

for suction hoses with quick system

Adapter, plastic



Tool adapter, AntiStatic



Telescopic tube, 550-970 mm, with ratchet mechanism

stainless steel

chromium-plated steel

**Straight extension tube (2 pcs)**

stainless steel, 2 x 500 mm

chromium-plated steel, 2 x 500 mm

aluminium, 2 x 500 mm

plastic, 2 x 500 mm

Combi-nozzle, plastic, 260 mm, foot operated

with thread picker and swivel joint for carpets

and smooth floors at home and office

## Replacement thread picker

Plastic, 250 mm, foot operated for carpets

and hard floors



Plastic, 300 mm. Foot operated switchover

thread picker with big rear wheels for

every day use in shops or offices

# Accessories for vacuum cleaners

EXCEPT Type 22 vacuums



## System 36



Shown, item no.: 15349

Wet&Dry

M-Class

H-Class

Industrial

### Professional floor nozzle



Plastic, with brushes and rubber lips, 400 mm

Replacement brush strips (2 pcs)

Replacement rubber lips (2 pcs)

### Floor nozzle



Aluminium, 330 mm

Replacement brush insert

### Large area floor nozzle



Aluminium 450 mm with rubber lips and height adjustable wheels for wet vacuuming

Replacement rubber lips

Replacement rubber lips oil resistant

Replacement wheels (2 pcs)

### Large area floor nozzle

Aluminium 450 mm with brush strips and height adjustable wheels for dry vacuuming

Replacement brush strips

Replacement wheels (2 pcs)

### Large area floor nozzle

Aluminium 450 mm with special fluff strip and height adjustable wheels for textile floors

Replacement special fluff strips (2 pcs)

Replacement wheels (2 pcs)

### Water suction nozzle



Plastic 300 mm

Replacement wheels (2 pcs)

### Special floor nozzle



Plastic, 400 mm with corrugated rubber lips and height adjustable wheels for wet and dry vacuuming, especially at building sites

Replacement rubber lips

### Parquet nozzle



Plastic, 300 mm with long and soft horsehair bristles for a gentle and thorough cleaning of sensitive surfaces

### Electric suction brush



305 mm with brush and vacuum function, by an electric motor connected to a standard equipment socket, 230 V, only -11 and -21 models

Item No.

302003666

302003796

302003797

5147

6521

15349

15352

302000186

15345

15348

15351

15345

15350

15353

15345

7270

18794

5149

6114

64195

11664

# Accessories for vacuum cleaners

EXCEPT Type 22 vacuums



## System 36

Wet&Dry

M-Class

H-Class

Industrial

### Turbine carpet suction brush



Plastic, 300 mm with brush and vacuum function, vacuum-driven, with suction power control and cleaning flap

Item No.

54118

### Turbine carpet suction brush



Plastic, 150 mm for textile coverings, upholstered furniture, etc., vacuum-driven, with integrated integrated swing out crevice nozzle

41275

### Brush nozzle



Plastic, 230 mm for delicate parts, upholstery and furniture

6086

### Suction brush



Plastic, 70 mm with nylon bristles, for dashboards, etc.

5146

### Oval brush



Plastic, 240 mm for cleaning delicate parts with large surfaces

40455

### Suction nozzles



#### Radiator brush nozzle

Plastic, for radiators, blinds, etc.

5144

#### Universal nozzle

Aluminium, 150 mm

5145

#### Universal nozzle

Plastic, 115 mm with brush insert, for car upholstery, carpets, etc.

14295

#### Crevice nozzle

Plastic, 300 mm shock and abrasion-proof

6084

#### Crevice nozzle

Chrome-plated, 920 mm for oven and boiler cleaning

17836

#### Diagonal tube nozzle

Rubber for vacuuming machines, etc., abrasion-proof

5067

#### Rubber nozzle

Flat, 100 mm oil and heat-resistant

40456



# Accessories for vacuum cleaners

EXCEPT Type 22 vacuums



## System 32 / 27

## Bags & Filters



### Suction hoses



Antistatic, 32 mm dia., 5 m, with tool adapter

Universal, 27 mm dia., 3.5 m, with tool adapter

Antistatic, 27 mm dia., 3.5 m, with tool adapter

Co-axial hose, 32 mm dia., 5 m, with tool adapter  
and air hose. For use with pneumatic tools in  
combination with airbox.

### Animal care nozzles



Spiked currycomb

Plastic, for long fur

Replacement spiked currycomb insert

Currycomb

Plastic, for long fur

Replacement currycomb insert

Brush currycomb

Plastic, for short fur

Replacement brush currycomb insert

### Bags & filters

Filter bags

Filter bags, paper (10 pcs)

Filter bags, paper (5 pcs)

Fleece filter bags (3 pcs)

Fleece filter bags (3 pcs)

Fleece filter bags (5 pcs)

Fleece filter bags (5 pcs)

Fleece filter bags (5 pcs)

Fleece filter bags (4 pcs) + Wet filter (1 pcs)

Disposal bags (5 pcs)

Removal sack

Disposal bags for safe disposal of filter element

(10 pcs)

Dry Wet&Dry M-Class H-Class Industrial

Item No.

30657

14289

15325

107400841

6094

15038

6092

15037

6093

15039

140 8618 000

302001138

147 0745 010

147 0746 010

302002892

302004000

302004004

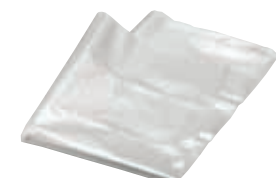
302002404

302000728

302000804

302001480

30082



# Accessories for vacuum cleaners

EXCEPT Type 22 vacuums



## Bags & filters

Dry Wet&Dry M-Class H-Class Industrial

Item No.



### Filter support bags

Cotton bag, reusable, prevents burst of filter bag while vacuuming fine dust

○ ○ ○ ○ ○

○ ○

302000200



### Safety filter bag (5 pcs)

Filter material BIA-tested

○ ○

○

302001486

302003473

107400233

107400236



### Filter elements

PET fleece, washable, Ø185 x 140 mm, 0,3 m²

○

○

○

○

○

○

○

○

○

○

302000490

Paper/glass fibre, H-class, Ø211 x 140 mm, 0,8 m²

○

○

○

○

○

○

○

302000658

PET Nano-fibre, washable, Ø275 x 187 mm, 0,8 m²

○

○

○

○

○

○

○

107400562

Paper/glass fibre, H-class, Ø275 x 187 mm, 1,0 m²

○

○

○

○

○

○

○

107400564

PET fleece, washable

○

○

140 8686 500

Motor filter

○

○

140 8682 500

Shown, item no.: 302000490

Micro filter element, HEPA tested, Grade H14

○

○

○

○

○

○

○

302001095

Ø185 x 140 mm, 0,3 m²

HEPA filter

○

107402902

Motor filter

○

147 0670 500



Shown, item no.: 302002842

Flat filter, PET Nano-fibre, washable (2 pcs), 0,5 m²

○

○

○

○

302002842

Flat filter, paper/glass fibre, H-class (2 pcs), 0,5 m²

○

107400449

### Filter element protective cover

Cloth filter for protection of the filter cartridge

○

○

○

○

○

○

○

○

○

○

11801

Best suitable for dust with fibres and for coarse dust



### Wet filter sieve, stainless steel

○

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15475

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302002885



### Cloth filter insert, special

Needle felt, plastic coated. Best suitable for very fine dust, hygroscopic dust and adhesive dust

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302000606

High level filtration efficiency

○

○

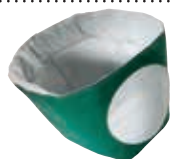
○

○

302000525

○

302002894



Shown, item no.: 302000606

Sack filter – MAXXI WD 3

○

140 8658 500

Sack filter – MAXXI WD 7

○

140 9512 500

Sack filter

○

147 1432 500

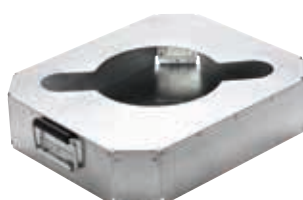


Shown, item no.: 140 9512 500

EXCEPT Type 22 vacuums



## exhaust air collector

Item No.



# Accessories for vacuum cleaners

EXCEPT Type 22 vacuums

Wet&Dry

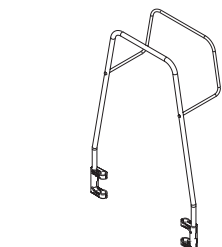
M-Class

H-Class

Industrial



## Other accessories



### Hose holder

Convenient, organized storage for your short or long suction hose

○ ○ ○ ○

○ ○

○ ○

Item No.

65081



### Forklift disposal device

○

○

302002622

### Container ATTIX 9 SD Complete

○

○

302003127



### Accessory net

Keeps your accessories close at hand

○ ○ ○ ○ ○ ○

○ ○

○ ○

302000524

### Accessory basket

Keeps your accessories close at hand

○

○

302002624



### Accessory organizer

○

302002407



### Chip basket

Collect large debris when wet vacuuming

○ ○ ○ ○ ○

○ ○

○ ○

302001612

○ ○

302001434

○

302003003

### Air box

230 V

○ ○ ○ ○ ○

○ ○

○

302001192



When connected to the Autoonoff receptacle on a vacuum cleaner, and to a pneumatic tool, the Air box will turn the machine on and off automatically with the tool, only for -21 or 2H/M models.

Recommended for use in combination with co-axial hose 32 mm dia. (107400841)



230 V

○ ○ ○ ○ ○ ○ ○ ○

○ ○ ○ ○

○ ○ ○

107400079

110/120 V

○ ○ ○ ○ ○ ○ ○ ○

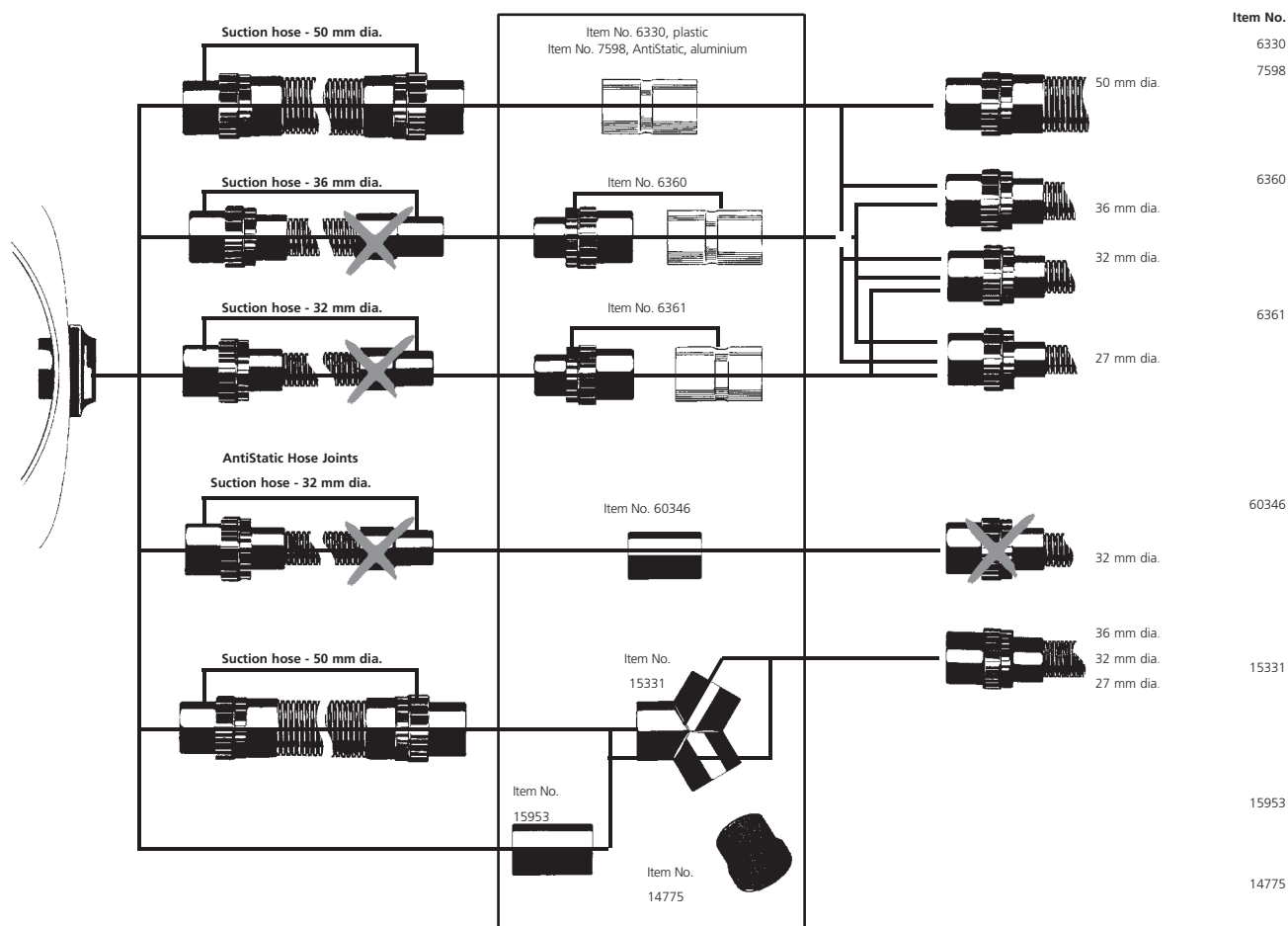
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○ ○ ○

107400394

# Hose connection and distributors

EXCEPT Type 22 vacuums



## Suction hoses



### Universal

Colour: Silver metallic, Ø27, Ø32, Ø36, Ø38, Ø50  
To use: Temperature at -50 to +60°C

### Antistatic

Colour: Black, Ø27, Ø32, Ø36, Ø50  
To use: Temperature at -50 to +60°C

### Oil-resistant

Colour: Brown, Ø36, Ø50  
To use: Temperature at -60 to +120°C  
(short term +150°C)  
Bend radius: Ø27 r = 60 mm, Ø32 r = 70 mm,  
Ø36 r = 75 mm, Ø50 r = 120 mm



### Heat-resistant

Colour: Brown, Ø36, Ø50  
To use: Temperature at -60 to +120°C  
(short term +150°C)  
Bend radius: Ø36 r = 75 mm, Ø50 r = 120 mm



### Metal

Colour: Galvanized, Ø50  
To use: Temperature at -50 to +120°C  
Bend radius: r = 180 mm  
High wear-resistant. Not suitable for acid and lye.



### Chips, abrasive

Colour: Transparent, Ø50  
To use: Temperature at -40 to +90°C  
(short term +125°C)  
Bend radius: Ø60 r = 60 mm  
Special for metal shavings, glass, sliver and other materials, oil-resistant, antistatic, aluminium sleeves and steel wire coil



# Suction hose systems

EXCEPT Type 22 vacuums



| Lengths as required |                  | Nozzle side sleeve                                                                  |                                                                                           | By the metre<br>– max 20 m                       | Vacuum side sleeve                                                                  |           | Complete |                                                                                                  |
|---------------------|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------|-----------|----------|--------------------------------------------------------------------------------------------------|
|                     |                  |                                                                                     | Item No.                                                                                  | Item No.                                         |                                                                                     | Item No.  | Length m | Item No.                                                                                         |
| System 70           | Universal        |    | 42419                                                                                     | 34947***                                         |    | 34955     |          |                                                                                                  |
| System 50           | Universal        |    | 15101                                                                                     | 11984                                            |    | 15101     | 1.75     |  19930        |
|                     |                  |                                                                                     |                                                                                           |                                                  |                                                                                     |           | 4        | 15358                                                                                            |
|                     | Oil-resistant    |    | 15101                                                                                     | 14238                                            |    | 15101     | 4        | 6468                                                                                             |
|                     | Heat-resistant   |    | 7162                                                                                      | 14238                                            |    | 7162      | 4        | 11061                                                                                            |
|                     | Antistatic       |   | 15811                                                                                     | 7599                                             |   | 15811     | 4        | 15815                                                                                            |
|                     | Chips            |  | 33435                                                                                     | 15309                                            |  | 14630     | 4        | 15182                                                                                            |
|                     | Metal            |                                                                                     |                                                                                           |                                                  |                                                                                     |           | 4        | 15013                                                                                            |
| System 38           | Universal        |  | 302002887                                                                                 | 107400052<br>(only available in<br>roll of 20 m) |  | 107400049 | 4        |  302002796  |
|                     | Antistatic       |                                                                                     |                                                                                           |                                                  |  | 107401525 | 5        |  107401368  |
| System 36           | Universal        |  | 11597                                                                                     | 11985                                            |  | 15102     | 3        |  15805      |
|                     |                  |  | 46690*                                                                                    | 11985                                            |  | 15102     | 3        |  46948*     |
|                     |                  |                                                                                     |                                                                                           |                                                  |                                                                                     |           | 4        |  25537*     |
|                     | Oil-resistant    |  | 46690*                                                                                    | 6429                                             |  | 15102     | 3.5      |  302001677* |
|                     | Heat-resistant   |  | 7674**                                                                                    | 6429                                             |  | 7673      | 4        |  6070**     |
|                     | Anti-kink spring |  | 14194**                                                                                   |                                                  |                                                                                     |           |          |                                                                                                  |
|                     | AntiStatic       |  | 46690*                                                                                    | 15312                                            |  | 15812     | 3        |  60781*     |
|                     |                  |                                                                                     |                                                                                           |                                                  |                                                                                     |           | 4        |  63209*     |
|                     |                  |                                                                                     |                                                                                           |                                                  |                                                                                     |           | 5        |  302001682* |
|                     |                  |  | 14243                                                                                     | 15312                                            |  | 15812     | 4        |  15311      |
|                     | Electric tool    |                                                                                     |                                                                                           |                                                  |                                                                                     |           |          |                                                                                                  |
|                     |                  | Connection DN 33-36                                                                 |  48070 |                                                  |                                                                                     |           |          |                                                                                                  |
|                     |                  | DIN 44717, DN 35-40 AS                                                              | 48750                                                                                     |                                                  |                                                                                     |           |          |                                                                                                  |
| System 32           | Universal        |  | 46947*                                                                                    | 14240****                                        |  | 15103     |          |                                                                                                  |
|                     | Hand tube        |  | 60911                                                                                     | 14240****                                        |  | 15103     | 3        |  302000473  |
|                     | Antistatic       |  | 46947*                                                                                    |                                                  |                                                                                     |           |          |                                                                                                  |
|                     | Electric tool    |  | 107404564                                                                                 | 43502                                            |  | 30928     | 5        |  30657      |
| System 27           | Universal        |  | 107404520                                                                                 | 15307                                            |  | 15104     | 3.5      |  14289      |
|                     | Antistatic       |  | 107404520                                                                                 | 15326                                            |  | 15369     | 3.5      |  15325      |

○ Can be used. (Items included as standard can be seen on the machine pages)

\* Quick system for curved hand tube 46691/302000528 or adapter

\*\* Only for oven and pipe cleaning

Please enter [www.nilfisk-alto.com](http://www.nilfisk-alto.com) to see videos and other features for our products.

\*\*\* Max. 10 m \*\*\*\*\* Max. 20 m AS = Antistatic



# Accessories for health & safety vacuum systems Type 22



Our safety vacuum systems have been tested in accordance with the appropriate standards for ATEX Zone 22 or Zone 2. ONLY TYPE 22 accessories must be used to ensure continued conformity to the standards.



ATIX 40-0M PC TYPE 22  
ATIX 791-2M/81  
ATIX 995-0HM SD XC TYPE 22

## Item No.

### Safety filter bag (5 pcs.)

2-ply, with film bag, BIA-tested, with sealing cap,  
for dust-free disposal of substances with TLV values  
and carcinogenic substances



|                       |           |
|-----------------------|-----------|
| <input type="radio"/> | 107400236 |
| <input type="radio"/> | 302001486 |
| <input type="radio"/> | 302003473 |

### Filter bag (5 pcs.)

Fleece filter bag  
Fleece filter bag



|                       |           |
|-----------------------|-----------|
| <input type="radio"/> | 302004004 |
| <input type="radio"/> | 302002892 |

### Filter support bag



|                       |           |
|-----------------------|-----------|
| <input type="radio"/> | 107402626 |
|-----------------------|-----------|

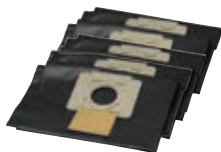
### Removal sack (10 pcs.)

Disposal bags for safe disposal of filter elements



|                       |       |
|-----------------------|-------|
| <input type="radio"/> | 30082 |
|-----------------------|-------|

### Disposal bags (5 pcs.)



|                       |           |
|-----------------------|-----------|
| <input type="radio"/> | 302001480 |
| <input type="radio"/> | 302000804 |

### Filter element

Paper/glass fiber, H-class, Ø275 x 187 mm, 1,0 m²  
PET fleece, washable, Ø185 x 140 mm, 0,3 m²



|                       |           |
|-----------------------|-----------|
| <input type="radio"/> | 107400564 |
| <input type="radio"/> | 302000490 |

### Motor cooling air filter kit

Replacement filter fleece (1 pcs.)



|                       |           |
|-----------------------|-----------|
| <input type="radio"/> | 302003721 |
| <input type="radio"/> | 107400453 |

### Motor cooling air filter kit

Replacement filter fleece (5 pcs.)



|                       |           |
|-----------------------|-----------|
| <input type="radio"/> | 302000491 |
| <input type="radio"/> | 302001871 |

### Motor cooling air filter, PET fleece

|                       |           |
|-----------------------|-----------|
| <input type="radio"/> | 107400041 |
|-----------------------|-----------|



ATTIX 40-0M PC TYPE 22

ATTIX 791 2 MB1

ATTIX 995-0HM SD XC TYPE 22

## Connection – 50 mm dia.

|                                                                                      | Length  |   |   |   | Item No.  |
|--------------------------------------------------------------------------------------|---------|---|---|---|-----------|
| Suction hose with connection sleeves, electrically conductive < 10 <sup>6</sup> ohms | 4 m     | ○ | ○ | ○ | 43245     |
| Chip suction hose, with connection sleeves, abrasion-resistant                       | 4 m     | ○ | ○ | ○ | 42825     |
|                                                                                      | 8 m     | ○ | ○ | ○ | 63710     |
| Extension tube, curved, stainless steel, galvanised                                  | 1100 mm | ○ | ○ | ○ | 33609     |
| Suction brush, plastic                                                               |         | ○ | ○ | ○ | 42831     |
| Industrial roller nozzle with brush strips                                           | 500 mm  | ○ | ○ | ○ | 42834     |
| Large rolling nozzle, aluminium                                                      | 600 mm  |   |   | ○ | 302002886 |
| Large rolling nozzle, aluminium                                                      | 600 mm  |   |   | ○ | 302001481 |
| Coarse dirt nozzle, aluminium                                                        | 200 mm  | ○ | ○ | ○ | 42835     |
| Diagonal tube nozzle, rubber                                                         | 330 mm  | ○ | ○ | ○ | 42836     |
| Crevice nozzle, plastic                                                              | 430 mm  | ○ | ○ | ○ | 42837     |
| Rubber nozzle, flat                                                                  | 200 mm  | ○ | ○ | ○ | 42839     |

## Connection – 36 mm dia.

|                                                                                                                                                            |            |   |   |   |           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---|---|---|-----------|
| Suction hose with connection sleeves, electrically conductive < 10 <sup>6</sup> ohms                                                                       | 4 m        | ○ | ○ | ○ | 44193     |
| Extension tube, straight, stainless steel                                                                                                                  | 880 mm     | ○ | ○ | ○ | 46982     |
| Curved hand tube, stainless steel                                                                                                                          | 480 mm     | ○ | ○ | ○ | 44188     |
| Brush nozzle, plastic                                                                                                                                      | 230 mm     | ○ | ○ | ○ | 44191     |
| Large-capacity floor nozzle, with brush strips and height adjustable wheels                                                                                | 450 mm     | ○ | ○ | ○ | 302000369 |
| Replacement brush strips                                                                                                                                   |            |   |   |   | 15351     |
| Crevice nozzle, plastic                                                                                                                                    | 290 mm     | ○ | ○ | ○ | 44192     |
| Tube cleaning nozzle                                                                                                                                       | 70-120 mm  | ○ | ○ | ○ | 48066     |
| Tube cleaning nozzle                                                                                                                                       | 120-200 mm | ○ | ○ | ○ | 48067     |
| Diagonal tube nozzle, rubber                                                                                                                               |            | ○ | ○ | ○ | 302000227 |
| B1 set for spark-free vacuum cleaners                                                                                                                      |            | ○ | ○ | ○ | 48907     |
| 6-piece, connection 36 mm. dia., 4 m suction hose, antistatic, curved hand tube, extension tube, large capacity floor nozzle, crevice nozzle, brush nozzle |            |   |   |   |           |

## Connection – 27 mm dia.

|                                                              |       |   |   |   |           |
|--------------------------------------------------------------|-------|---|---|---|-----------|
| Suction hose, electrically conductive < 10 <sup>6</sup> ohms | 3.5 m | ○ | ○ | ○ | 107404779 |
|--------------------------------------------------------------|-------|---|---|---|-----------|

# HOME CLEANER & TW 300 / CAR - Carpet extractors



Perfect for cleaning of even the dirtiest carpets and furniture. Simple operation, robust and stable design for commercial use. Maximum suction power for excellent cleaning results.

Professional cleaning of carpets, seats, furniture and other upholstered units.



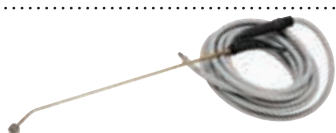
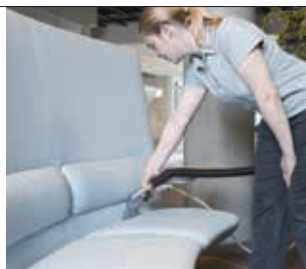
## Spray extraction units for all applications and area sizes. Simple operation, robust, stable design for commercial use

- The all-round cleaner for carpets, furnitures and other upholstery elements (HOME CLEANER)
- Both wet & dry vacuuming (HOME CLEANER)
- Mains-powered (HOME CLEANER)
- Low centre of gravity (TW 300)
- Clear lid on recovery tank (TW 300)
- Compact spray extraction unit with extensive accessory package (TW 300)
- Rugged tanks (TW 300)
- Super suction power (TW 300)
- Mains-powered (TW 300)
- Taylor made for upholstery cleaning (TW 300 CAR)



| TECHNICAL DATA                      | HOME CLEANER    | TW 300          | TW 300 CAR      |
|-------------------------------------|-----------------|-----------------|-----------------|
| Cleaning width (mm)                 | 260             | 260             | 260             |
| Solution/Recovery tank (l)          | 8/8             | 8/8             | 8/8             |
| Air flow rate (l/min.)              | 2400            | 2400            | 2400            |
| Vacuum (mbar/kPa)                   | 190/19          | 190/19          | 190/19          |
| Power consumption (W)               | 1000            | 1000            | 1000            |
| Mains connection (V/~/Hz)           | 230/1/50        | 230/1/50        | 230/1/50        |
| Pump pressure (bar/MPa)             | 2/0.2           | 2/0.2           | 2/0.2           |
| Water flow (l/m)                    | 2               | 2               | 2               |
| Main cable length (m)               | 7.5             | 7.5             | 7.5             |
| Dimensions L x W x H (mm)           | 390 x 390 x 520 | 390 x 390 x 520 | 390 x 390 x 520 |
| Weight (kg)                         | 9.5             | 9.5             | 9.5             |
| <b>FEATURES</b>                     |                 |                 |                 |
| Single-phase                        | ●               | ●               | ●               |
| With fixed cable                    | ●               | ●               | ●               |
| Detergent tank                      | ●               | ●               | ●               |
| <b>STANDARD EQUIPMENT</b>           |                 |                 |                 |
| Carpet nozzle                       |                 | 7310            |                 |
| Upholstery nozzle, 80 mm            | 14295           |                 | 6696            |
| Suction hose                        | 48331           | 34484           | 34484           |
| Spray hose with coupling, Ø32 x 3 m | 7359            | 7359            | 7359            |
| Extension tubes, Ø36, 1 pcs.        | 15546           |                 |                 |
| Combi nozzles                       | 302000477       |                 |                 |
| Crevice nozzle                      | 6084            |                 |                 |
| Brush nozzle                        | 5146            |                 |                 |
| Suction nozzle                      | 47895           |                 |                 |
| Insert for suction nozzle           | 47896           |                 |                 |
| Filter bag TW, 10 pcs.              | 6695            |                 |                 |
| ITEM NO.                            | 303000002       | 67009           | 303000006       |





## Standard equipment

Spray and suction hose complete

With sleeves, nipple and coupling

Suction hose, Ø 32 mm, 3 m

Suction hose, Ø 32 mm, 3 m

Spray hose

Tubes and carpet adapter

Nozzle x 1, 260 mm, stainless steel tube

Nozzle x 1, 260 mm, stainless steel tube

Nozzle x 1, 300 mm, with 4 spray tips

Upholstery tool

Plastic, with internal nozzle

Aluminium with external nozzle

Universal nozzle, plastic

Pre-spray lance

With 10 m spray hose, nipple and coupling

Vacuum cleaner set

Consists of:

Combi nozzle

Water vacuuming nozzle

Universal nozzle

Crevice tool

Suction brush

Vacuum cleaning tube

Curved hand tube, plastic

Dust bag for 13 L (10 pack)

Vacuum cleaning tube - Chromium-plated

Extension tubes, Ø36, 1 pcs.

Combi nozzle, plastic

Water vacuuming nozzle, plastic, 300 mm

Crevice tool, plastic

Suction nozzle

Suction brush, plastic

HOME CLEANER

TW 300

TW 300 CAR

Item No.

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**Without  
compromising  
on cleaning  
performance**





# The efficient one-stop solution

Our aim is to be in the forefront of cleaning technology and offer you a comprehensive range of scrubber dryers which let you take advantage of a perfect quality combined with numerous features. In fact, our range of scrubber dryers save you more than just time; you will also profit from their easy maintenance and operation - not to mention their economical functioning. Our experience offer you proven results in productivity, durability, ergonomics, performance, service and safety.

All our walk-behind scrubber dryers have different cleaning capacities, which means you will always be able to find the optimum machine for your needs. These versatile machines are capable of cleaning any hard floor.

Choose models with either disc or cylindrical brushes, with or without traction, battery or electrical-driven. A cylindrical brush ensures debris enters the scrubbing path and is collected in a separate hopper (wet sweeping) and is ideal for cleaning garages, warehouses, automotive or sports facilities etc.



Our range of ride-on scrubbers give you perfect quality combined with a number of additional features. Time-tested technology ensures efficient and economical application.

Nilfisk-ALTO ride-on scrubbers mean perfect cleanness in next to no time. These machines take care of several steps simultaneously. The scrubber - which can be switched on when ever needed – does its job with the help of water and an additional detergent. In the final step, the rear-mounted squeegee picks up used water and collects it in the tank.

Our SCRUBTEC BOOST range cleans floors more effectively than traditional disc scrubbers! The unique BOOST™ pad is rectangular and provides consistent contact across the cleaning path. Its orbital motion requires less pad pressure and attacks dirt from multiple directions as it passes over the floor. Efficient use of the cleaning solution results in water savings of 50% to 70% with BOOST™, reducing waste water removal costs and protecting the environment.





# A great range of performers for floor cleaning

The FLOORTEC sweepers are the most effective solution in confined areas. Rugged design, low sound level and dust-free sweeping for both in- and outdoor use.

We have walk-behind sweepers available for in- and outdoor use and for cleaning large carpeted areas. For optimal capacity, some of our walkbehind machines use the overthrow system, which means the main broom fills the hopper from the top.

FLOORTEC walk-behinds are ideal solution for small to medium sized cleaning jobs such as service stations, parking lots, school yards, factories and small warehouses. Battery driven for indoor use and petrol driven for demanding outdoor tasks. They are all designed for simple operation, easy service and maintenance, and all feature dust-free sweeping.



Our range of ride-on sweepers gets the job done quickly, effectively and with maximum driver comfort. Their design is combined with powerful engines, wide sweeping path, excellent manoeuvrability and a ramp climbing capacity from 16% to 20% for cleaning large areas of floors or carpets, and for getting into confined spaces such as elevators or narrow aisles. Battery driven for indoor use and petrol driven for demanding tasks. They are all designed for simple operation, easy service and maintenance, and all feature dust-free sweeping. Some models offer a high dump system for easy emptying.

# A complete and worry free range of polishers/burnishers

SPINTEC 443 is a range of single disc floor polishers for your professional maintenance and everyday cleaning tasks. This platform offers you the choice of low speed, high speed and dual speed models, which ensures you an efficient scrubbing, stripping, polishing and spray cleaning of almost all types of floors, while you also get a longer lasting and better look.

The SPINTEC 551 UH is a handy and easy-to-use burnisher ideally suited for daytime cleaning in hospitals, institutions, hotels, retail stores and for contract cleaning companies. With a folding handle it is easy to transport and can be in operation within few seconds.





## SCRUBTEC 233 – Small scrubber dryers



◀ SCRUBTEC 233 is the practical answer for small area cleaning with its unique combination of compact design, cleaning performance and drying efficiency. Its size means it can clean under furniture and in tight areas where other scrubber dryers cannot reach. No other machine on the market can offer the same combination of cleaning, drying efficiency and compactness as the SCRUBTEC 233.

► The optional carpet kit containing hard floor, carpet and upholstery tools allows the SCRUBTEC 233 to be used for cleaning small carpeted areas and car seats.



### Excellent cleaning performance despite compact profile

- Clear recovery lid
- No tool squeegee blade change
- No tool brush removal
- Low noise level
- Ergonomic, adjustable and foldable handle
- Strong handle lock
- Extremely compact
- Easy cleaning, refilling and emptying of the removable solution/recovery tank
- Easy transport and storage
- Large carrying handle on tanks
- Suitable for small areas without cable extension
- Dual squeegees for cleaning both forward and reverse



| TECHNICAL DATA                         | SCRUBTEC 233      |
|----------------------------------------|-------------------|
| Cleaning width (mm)                    | 330               |
| Squeegee width (mm)                    | 285               |
| Theoretical surface performance (m²/h) | 1320              |
| Working speed (km/h)                   | 4                 |
| Tank capacity solution/recovery (l)    | 10/11             |
| Power source (V-Hz)                    | 220/240-50/60     |
| Brush motor (W)                        | 100               |
| Brush speed (RPM)                      | 200               |
| Vacuum motor power (W)                 | 550               |
| El cable (mm)                          | 15                |
| Dimensions L x W x H (mm)              | 665 x 390 x 460   |
| Weight (kg)                            | 22                |
| <b>FEATURES</b>                        |                   |
| Clean and dry forward and backwards    | ●                 |
| Cable version                          | ●                 |
| Delivered ready for use                | ●                 |
| <b>STANDARD EQUIPMENT</b>              |                   |
| Brushes, 2 pcs.                        | 9097242000        |
| Squeegees, 2 pcs.                      | 9097542000        |
| <b>ITEM NO.</b>                        | <b>9087235020</b> |





◀ The new SCRUBTEC 234 C for faster and more efficient cleaning compared to a mop. SCRUBTEC 234 C is the smart alternative to mopping. An automatic scrubber dryer leaving your floors spotless. There is no slippery residue and no aching back. It is perfect for maintenance of hard floor in small areas, e.g. stone, tile, cement, marble, rubber, vinyl, etc.

► The cable-operated SCRUBTEC 234 C is light and portable and it cleans both forward and reverse. Thanks to the spring loaded cylindrical brush deck can it clean up to a wall and leave the floor 100% dry. It is equipped with separate solution and recovery tanks for easy filling and emptying.



## No more mopping – you get clean floors in less time

- Four times faster than mopping, removes the dirt instead of evening it out
- Unique design permits cleaning under furniture and right to the edge of the floor
- Scrubbing and vacuuming in forward and reverse
- Easily transported



| TECHNICAL DATA                                      | SCRUBTEC 234 C    |
|-----------------------------------------------------|-------------------|
| Cleaning width (mm)                                 | 340               |
| Squeegee width (mm)                                 | 440               |
| Theoretical surface performance (m <sup>2</sup> /h) | 1360              |
| Working speed (km/h)                                | 4                 |
| Tank capacity solution/recovery (l)                 | 11/12             |
| Power source (V-Hz)                                 | 220/240-50/60     |
| Brush motor (W)                                     | 320               |
| Brush speed (RPM)                                   | 1000              |
| Vacuum motor power (W)                              | 900               |
| El cable (mm)                                       | 15                |
| Dimensions L x W x H (mm)                           | 620 x 480 x 480   |
| Weight (kg)                                         | 38                |
| <b>FEATURES</b>                                     |                   |
| Clean and dry forward and backwards                 | ●                 |
| Cable version                                       | ●                 |
| Delivered ready for use                             | ●                 |
| <b>STANDARD EQUIPMENT</b>                           |                   |
| Brush                                               | L08425200         |
| Squeegee kit 2 pcs.                                 | 9097353000        |
| <b>ITEM NO.</b>                                     | <b>9087133020</b> |

## SCRUBTEC 337 – Small scrubber dryers



◀ The SCRUBTEC 337 battery operated scrubber dryer represents a unique combination of compact design, cleaning performance and drying efficiency. Despite the small profile, the cleaning power is excellent. SCRUBTEC 337 is ideal for light to medium cleaning of hard floors.

Equipped with battery, on-board charger, brushes and oil-resistant polyurethane squeegee blades as standard, the unique squeegee design ensure perfect water pick-up. ▶



### Easy cleaning, refilling and emptying – let you focus on the job

- Clear recovery lid
- No tool squeegee blade change
- No tool brush removal
- Low noise level
- Ergonomic, adjustable and foldable handle
- Strong handle lock
- Extremely compact
- Easy cleaning, refilling and emptying of the removable solution/recovery tank
- Easy transport and storage
- Large carrying handle on tanks
- Battery powered and ideal for small areas
- Two tank system



| TECHNICAL DATA                                      | SCRUBTEC 337      |
|-----------------------------------------------------|-------------------|
| Cleaning width (mm)                                 | 370               |
| Squeegee width (mm)                                 | 470               |
| Theoretical surface performance (m <sup>2</sup> /h) | 1480              |
| Working speed (km/h)                                | 4                 |
| Tank capacity solution/recovery (l)                 | 11/12             |
| Power source, battery (V)                           | 12                |
| Brush pressure (kg)                                 | 27                |
| Brush motor (W)                                     | 240               |
| Brush speed (RPM)                                   | 140               |
| Vacuum motor power (W)                              | 200               |
| Traction motor (W)                                  | Brush assist      |
| Dimensions L x W x H (mm)                           | 730 x 435 x 550   |
| Weight with batteries (kg)                          | 72                |
| <b>FEATURES</b>                                     |                   |
| Battery version                                     | ●                 |
| On-board charger                                    | ●                 |
| Delivered ready for use                             | ●                 |
| <b>STANDARD EQUIPMENT</b>                           |                   |
| Brushes                                             | 9098529000        |
| Battery, 12V 55 Ah                                  | 9098977000        |
| On-board charger                                    | ●                 |
| Squeegee                                            | ●                 |
| <b>ITEM NO.</b>                                     | <b>9087302020</b> |



◀ SCRUBTEC 343.2 is the ideal solution for supermarkets & shops, garages and car showrooms, schools, restaurants and cafeterias, administration and state buildings, food industry, industrial facilities etc.

SCRUBTEC 343.2 is extremely compact and ideal for all-round cleaning of all different kinds of floors with 5 different brushes and 5 different pads. Compact, easy to transport and very user friendly. The SCRUBTEC 343.2 offers high brush pressure and large tank capacity in a compact and modern design.



## Compact cable and battery walk-behind scrubber/dryer

- Compact, highly manoeuvrable, with high productivity
- Large capacity tanks
- Brush assisted traverse
- Low battery protection
- Easy rear emptying through long hose
- Automatic brush on/off
- Break-away squeegee
- Offset brush deck with side protection wheel
- Rugged roto moulded polyethylene tanks and chassis
- Additional wheel for easy transportation
- Ready to use with brush, batteries and on-board charger (Combi version)



| TECHNICAL DATA                                      | SCRUBTEC 343.2 E    | SCRUBTEC 34.2 B OBC | SCRUBTEC 343.2 B COMBI |
|-----------------------------------------------------|---------------------|---------------------|------------------------|
| Cleaning width (mm)                                 | 430                 | 430                 | 430                    |
| Squeegee width (mm)                                 | 700                 | 700                 | 700                    |
| Theoretical surface performance (m <sup>2</sup> /h) | 1720                | 1720                | 1720                   |
| Working speed (km/h)                                | 4                   | 4                   | 4                      |
| Tank capacity solution/recovery (l)                 | 31/31               | 31/31               | 31/31                  |
| Power source (V-Hz)                                 | 220/240 - 50/60     |                     |                        |
| Power source, battery (V)                           |                     | 24                  | 24                     |
| Brush pressure (kg)                                 | 31                  | 38                  | 38                     |
| Brush motor (W)                                     | 1100                | 520                 | 520                    |
| Brush speed (RPM)                                   | 150                 | 135                 | 135                    |
| Vacuum motor power (W)                              | 550                 | 300                 | 300                    |
| Traction motor (W)                                  | Brush assist        | Brush assist        | Brush assist           |
| Dimensions L x W x H (mm)                           | 1020 x 570 x 860    | 1020 x 570 x 860    | 1020 x 570 x 860       |
| Weight with batteries (kg)                          | 75, without battery | 129,5               | 129,5                  |
| <b>FEATURES</b>                                     |                     |                     |                        |
| Cable version                                       | ●                   |                     |                        |
| Battery version                                     |                     | ●                   | ●                      |
| On-board charger                                    |                     | ●                   | ●                      |
| Delivered ready for use                             | ●                   |                     | ●                      |
| <b>STANDARD EQUIPMENT</b>                           |                     |                     |                        |
| Squeegee                                            | 909 5702 000        | 909 5702 000        | 909 5702 000           |
| 2 x battery, 70 Ah, maintenance free                |                     |                     | 80564300               |
| On-board charger                                    |                     | 909 6428 000        | 909 6428 000           |
| Brush                                               | L08812891           |                     | L08812891              |
| ITEM NO.                                            | 9087317020          | 9087319020          | 9087315020             |



# SCRUBTEC 553 – Medium scrubber dryers



◀ SCRUBTEC 553 is suitable for easy, efficient floor cleaning in hospitals, retail outlets, manufacturing plants, car showrooms, garages, warehouses, restaurants, hotels, and wherever it is important that floors are kept clean.

Brush decks with powerful brush motors and grey non-marking protective wheel on brush deck.



## With features that you actually want and need – nothing more, nothing less

- Solution brush off in neutral
- 42 L solution and recovery tanks
- Large access to recovery tank speeds up cleaning time
- Adjustable scrubbing pressure (L versions) provides the best results under all conditions



| TECHNICAL DATA                         | SCRUBTEC 553 E       | SCRUBTEC 553 B    | SCRUBTEC 553 B COMBI | SCRUBTEC 553 BL   | SCRUBTEC 553 BL COMBI |
|----------------------------------------|----------------------|-------------------|----------------------|-------------------|-----------------------|
| Cleaning width (mm)                    | 530                  | 530               | 530                  | 530               | 530                   |
| Squeegee width (mm)                    | 760                  | 760               | 760                  | 760               | 760                   |
| Theoretical surface performance (m²/h) | 2120                 | 2120              | 2120                 | 2120              | 2120                  |
| Working speed (km/h)                   | 4                    | 4                 | 4                    | 4.5               | 4.5                   |
| Tank capacity solution/recovery (l)    | 42/42                | 42/42             | 42/42                | 42/42             | 42/42                 |
| Power source (V-Hz)                    | 220/240-50/60        |                   |                      |                   |                       |
| Power source, battery (V)              |                      | 24                | 24                   | 24                | 24                    |
| Brush pressure (kg)                    | 32                   | 25                | 25                   | 25/35             | 25/35                 |
| Brush motor (W)                        | 1100                 | 480               | 480                  | 480               | 480                   |
| Vacuum motor power (W)                 | 550                  | 370               | 370                  | 370               | 370                   |
| Traction motor (W)                     | Brush assist         | Brush assist      | Brush assist         | 200               | 200                   |
| Dimensions L x W x H (mm)              | 1185 x 541 x 1050    | 1185 x 541 x 1050 | 1185 x 541 x 1050    | 1185 x 541 x 1050 | 1185 x 541 x 1050     |
| Weight with batteries (kg)             | 134, without battery | 137               | 137                  | 152               | 152                   |
| <b>FEATURES</b>                        |                      |                   |                      |                   |                       |
| Cable version                          | ●                    |                   |                      |                   |                       |
| Battery version                        |                      | ●                 | ●                    | ●                 | ●                     |
| On-board charger                       |                      | ○                 | ●                    | ○                 | ●                     |
| Chemical mixing system                 | ○                    | ○                 | ○                    | ○                 | ○                     |
| Traction drive                         |                      |                   |                      | ●                 | ●                     |
| Adjustable brush pressure              |                      | ○                 | ○                    | ●                 | ●                     |
| Delivered ready for use                | ●                    |                   | ●                    |                   | ●                     |
| <b>STANDARD EQUIPMENT</b>              |                      |                   |                      |                   |                       |
| Squeegee                               | 909 6851 000         | 909 6851 000      | 909 6851 000         | 909 6851 000      | 909 6851 000          |
| 2 x battery, 105 Ah, maintenance free  |                      |                   | 80564400             |                   | 80564400              |
| On-board charger                       |                      |                   | 909 6739 000         |                   | 909 6739 000          |
| Brush                                  | L08837025            |                   | L08837025            |                   | L08837025             |
| ITEM NO.                               | 9087184020           | 9087176020        | 9087177020           | 9087179020        | 9087180020            |



◀ SCRUBTEC 651 is a medium-size walk-behind cylindrical scrubber dryer. Included features are low noise level, and the dashboard is designed to reduce typical operator errors. Suitable for efficient floor cleaning in for example retail outlets, warehouses, restaurants and hotels.

Easy-fill tank system allows the machine to be filled from nearest available water supply. The large cover and recovery tank opening makes it very easy to clean.



## High productivity due to fast, effective and inexpensive cleaning

- Solution brush off in neutral
- 55 L solution and recovery tanks
- Large access to recovery tank speeds up cleaning time
- Adjustable scrubbing pressure provides the best results under all conditions



| TECHNICAL DATA                                      | SCRUBTEC 651 BCL COMBI |
|-----------------------------------------------------|------------------------|
| Cleaning width (mm)                                 | 510                    |
| Squeegee width (mm)                                 | 760                    |
| Theoretical surface performance (m <sup>2</sup> /h) | 2860                   |
| Working speed (km/h)                                | 5.6                    |
| Tank capacity solution/recovery (l)                 | 55/55                  |
| Power source, battery (V)                           | 24                     |
| Brush pressure (kg)                                 | 28                     |
| Brush motor (W)                                     | 2 x 400                |
| Vacuum motor power (W)                              | 370                    |
| Traction motor (W)                                  | 200                    |
| Dimensions L x W x H (mm)                           | 1250 x 575 x 1090      |
| Weight with batteries (kg)                          | 158                    |
| <b>FEATURES</b>                                     |                        |
| Battery version                                     | ●                      |
| On-board charger                                    | ●                      |
| Wet sweep function                                  | ●                      |
| Chemical mixing system                              | ○                      |
| Traction drive                                      | ●                      |
| Delivered ready for use                             | ●                      |
| <b>STANDARD EQUIPMENT</b>                           |                        |
| Squeegee                                            | 909 6851 000           |
| 2 x battery, 105 Ah, maintenance free               | 80564400               |
| On-board charger                                    | 909 6739 000           |
| 2 x brush                                           | 909 5823 000           |
| <b>ITEM NO.</b>                                     | <b>9087193020</b>      |

## SCRUBTEC 653 – Medium scrubber dryers



◀ SCRUBTEC 653 is a medium-size walk-behind scrubber dryer. Features included are low sound level, adjustable scrubbing pressure and a dashboard designed to reduce typical operator errors. Suitable for efficient floor cleaning in manufacturing plants, retail outlets, warehouses and hotels, for example.

Optional chemical mixing system automatically mixes chemical stored in an on-board container with clean water stored in the machine's solution tank, and delivers the mixed solution to the brush deck for scrubbing application. The advantages are reduced costs and risk.



### Large non-marking wheels for easy turning and use on any kind of floor

- Solution brush off in neutral
- 55 L solution and recovery tanks
- Large access to recovery tank speeds up cleaning time
- Adjustable scrubbing pressure (L versions) provides the best results under all conditions



| TECHNICAL DATA                                      | SCRUBTEC 653 E       | SCRUBTEC 653 B    | SCRUBTEC 653 B COMBI | SCRUBTEC 653 BL   | SCRUBTEC 653 BL COMBI |
|-----------------------------------------------------|----------------------|-------------------|----------------------|-------------------|-----------------------|
| Cleaning width (mm)                                 | 530                  | 530               | 530                  | 530               | 530                   |
| Squeegee width (mm)                                 | 760                  | 760               | 760                  | 760               | 760                   |
| Theoretical surface performance (m <sup>2</sup> /h) | 2120                 | 2120              | 2120                 | 2120              | 2120                  |
| Working speed (km/h)                                | 4                    | 4                 | 4                    | 4.5               | 4.5                   |
| Tank capacity solution/recovery (l)                 | 55/55                | 55/55             | 55/55                | 55/55             | 55/55                 |
| Power source (V-Hz)                                 | 220/240-50/60        |                   |                      |                   |                       |
| Power source, battery (V)                           |                      | 24                | 24                   | 24                | 24                    |
| Brush pressure (kg)                                 | 32                   | 25                | 25                   | 25/35             | 25/35                 |
| Brush motor (W)                                     | 1100                 | 480               | 480                  | 480               | 480                   |
| Vacuum motor power (W)                              | 550                  | 370               | 370                  | 370               | 370                   |
| Traction motor (W)                                  | Brush assist         | Brush assist      | Brush assist         | 200               | 200                   |
| Dimensions L x W x H (mm)                           | 1320 x 540 x 1090    | 1320 x 540 x 1090 | 1320 x 540 x 1090    | 1320 x 540 x 1090 | 1320 x 540 x 1090     |
| Weight with batteries (kg)                          | 138, without battery | 144               | 144                  | 158               | 158                   |
| <b>FEATURES</b>                                     |                      |                   |                      |                   |                       |
| Cable version                                       | ●                    |                   |                      |                   |                       |
| Battery version                                     |                      | ●                 | ●                    | ●                 | ●                     |
| On-board charger                                    |                      | ○                 | ●                    | ○                 | ●                     |
| Chemical mixing system                              | ○                    | ○                 | ○                    | ○                 | ○                     |
| Traction drive                                      |                      |                   |                      | ●                 | ●                     |
| Adjustable brush pressure                           |                      | ○                 | ○                    | ●                 | ●                     |
| Delivered ready for use                             | ●                    |                   | ●                    |                   | ●                     |
| <b>STANDARD EQUIPMENT</b>                           |                      |                   |                      |                   |                       |
| Squeegee                                            | 909 6851 000         | 909 6851 000      | 909 6851 000         | 909 6851 000      | 909 6851 000          |
| 2 x battery, 105 Ah, maintenance free               |                      |                   | 80564400             |                   | 80564400              |
| On-board charger                                    |                      |                   | 909 6739 000         |                   | 909 6739 000          |
| Brush                                               | L08837025            |                   | L08837025            |                   | L08837025             |
| ITEM NO.                                            | 9087198020           | 9087186020        | 9087187020           | 9087189020        | 9087190020            |





◀ SCRUBTEC 661 is a medium-size walk-behind scrubber dryer. Features included are low sound level, adjustable scrubbing pressure and a dashboard designed to reduce typical operator errors. Suitable for efficient floor cleaning in manufacturing plants, retail outlets, warehouses and hotels, for example.

The ergonomic handle and “one-touch” easy to understand control panel operates all scrubbing features and includes all indicators/gauges for fewer operator errors.



## Low noise level allows the units to be used anytime, even in noise sensitive areas

- Solution brush off in neutral
- Twin brush
- 55 L solution and recovery tanks
- Large access to recovery tank speeds up cleaning time
- Adjustable scrubbing pressure provides the best results under all conditions



| TECHNICAL DATA                                      | SCRUBTEC 661 BL   | SCRUBTEC 661 BL COMBI |
|-----------------------------------------------------|-------------------|-----------------------|
| Cleaning width (mm)                                 | 610               | 610                   |
| Squeegee width (mm)                                 | 810               | 810                   |
| Theoretical surface performance (m <sup>2</sup> /h) | 3420              | 3420                  |
| Working speed (km/h)                                | 5.6               | 5.6                   |
| Tank capacity solution/recovery (l)                 | 55/55             | 55/55                 |
| Power source, battery (V)                           | 24                | 24                    |
| Brush pressure (kg)                                 | 20/40             | 20/40                 |
| Brush motor (W)                                     | 2 x 350           | 2 x 350               |
| Vacuum motor power (W)                              | 370               | 370                   |
| Traction motor (W)                                  | 200               | 200                   |
| Dimensions L x W x H (mm)                           | 1310 x 650 x 1090 | 1310 x 650 x 1090     |
| Weight with batteries (kg)                          | 158               | 158                   |
| <b>FEATURES</b>                                     |                   |                       |
| Battery version                                     | ●                 | ●                     |
| On-board charger                                    | ○                 | ●                     |
| Chemical mixing system                              | ○                 | ○                     |
| Traction drive                                      | ●                 | ●                     |
| Adjustable brush pressure                           | ●                 | ●                     |
| Delivered ready for use                             |                   | ●                     |
| <b>STANDARD EQUIPMENT</b>                           |                   |                       |
| Squeegee                                            | 909 5372 000      | 909 5372 000          |
| 2 x battery, 105 Ah, maintenance free               |                   | 80564400              |
| On-board charger                                    |                   | 909 6739 000          |
| 2 x brush                                           |                   | L08603842             |
| ITEM NO.                                            | 9087195020        | 9087196020            |

## SCRUBTEC 8 – Large scrubber dryers



◀ The SCRUBTEC 8 is the complete walk- behind unit for large area cleaning. More versatility, greater productivity, better reliability, extremely quiet and with advanced ergonomics. These walk- behind units are truly state-of-the-art for scrubber/dryer efficiency.

The one-touch controls reduce operator error for improved safety and better cleaning results. Advanced ergonomics mean reduced operator fatigue. ▶



### Brings a new dimension to large area floor cleaning

- Timesaving and convenient on-board battery charger is standard equipment
- The parabolic squeegee leaves the floor dry and ready for re-use
- Grey, foam-filled wheels leave no marks on the floor
- Large 85 L solution and recovery tanks reduce downtime
- Rear filling and emptying of tanks for convenience
- Wide scrubbing path and better traction speed increases productivity
- Adjustable scrubbing pressure ensures good results on all surfaces



| TECHNICAL DATA                                      | SCRUBTEC 866      | SCRUBTEC 871      | SCRUBTEC 886      | SCRUBTEC 871 C    |
|-----------------------------------------------------|-------------------|-------------------|-------------------|-------------------|
| Cleaning width (mm)                                 | 660               | 710               | 860               | 710               |
| Squeegee width (mm)                                 | 826               | 890               | 1040              | 890               |
| Theoretical surface performance (m <sup>2</sup> /h) | 3170              | 3410              | 4130              | 3410              |
| Working speed (km/h)                                | 4.8               | 4.8               | 4.8               | 4.8               |
| Tank capacity solution/recovery (l)                 | 85/85             | 85/85             | 85/85             | 85/85             |
| Power source, battery (V)                           | 24                | 24                | 24                | 24                |
| Brush size (mm)                                     | 2 x 330           | 2 x 355           | 2 x 430           | 2 x 690 cyl.      |
| Brush motor (W)                                     | 2 x 560           | 2 x 560           | 2 x 560           | 2 x 600           |
| Brush pressure (kg)                                 | 36-68             | 36-68             | 36-68             | 36                |
| Brush speed (RPM)                                   | 200               | 200               | 200               | 615               |
| Vacuum motor power (W)                              | 550               | 550               | 550               | 550               |
| Traction motor (W)                                  | 330               | 330               | 330               | 330               |
| Dimensions L x W x H (mm)                           | 1550 x 710 x 1120 | 1570 x 760 x 1120 | 1620 x 910 x 1120 | 1510 x 780 x 1120 |
| Weight with batteries (kg)                          | 385               | 387               | 383               | 383               |
| <b>FEATURES</b>                                     |                   |                   |                   |                   |
| Battery version                                     | ●                 | ●                 | ●                 | ●                 |
| On-board charger                                    | ●                 | ●                 | ●                 | ●                 |
| Chemical mixing system                              | ○                 | ○                 | ○                 | ○                 |
| Traction drive                                      | ●                 | ●                 | ●                 | ●                 |
| Adjustable brush pressure                           | ●                 | ●                 | ●                 | ○                 |
| <b>STANDARD EQUIPMENT</b>                           |                   |                   |                   |                   |
| Squeegee                                            | 10398A            | 10399A            | 10748A            | 10399A            |
| ITEM NO.                                            | 05390E            | 05400E            | 05410E            | 05420E            |



◀ The SCRUBTEC R 4 range of ride-on scrubber dryers bridges the critical gap between walk-behind machines and bigger ride-on machines. These machines effectively make the operator a natural extension of the machine itself. Perfect for use in Warehouses, Industry, Garage/Car facilities, Manufacturing and Supermarkets.

Patented “Magic” deck system (linked to the steering wheel) means that deck orientation follows the steering wheel to guarantee best cleaning performance with maximum comfort and minimum effort and side skirts are no longer needed. ▶



## The ideal machine for your everyday cleaning work

- The parabolic squeegee perfectly covers the scrubbing track without leaving traces
- Patented automatic speed control that significantly increases operator safety
- Super compact design makes cleaning of restricted space areas fast and easy
- Low noise mode makes daytime cleaning and cleaning of noise-sensitive areas viable
- Robust and extremely versatile machine suitable for many different application areas
- Ergonomic and low placed inclined foot platform: easy driver access from both sides of the machine



| TECHNICAL DATA                                      | SCRUBTEC R 466    | SCRUBTEC R 471    | SCRUBTEC R 471 C  |
|-----------------------------------------------------|-------------------|-------------------|-------------------|
| Cleaning width (mm)                                 | 660               | 710               | 710               |
| Squeegee width (mm)                                 | 890               | 890               | 890               |
| Theoretical surface performance (m <sup>2</sup> /h) | 3690              | 4260              | 4260              |
| Working speed (km/h)                                | 6                 | 6                 | 6                 |
| Tank capacity solution/recovery (l)                 | 80/80             | 80/80             | 80/80             |
| Power source, battery (V)                           | 24                | 24                | 24                |
| Brush size (mm)                                     | 2 x 330           | 2 x 355           | 2 x 690 Cyl.      |
| Brush motor (W)                                     | 2 x 400           | 2 x 400           | 2 x 600           |
| Brush pressure (kg)                                 | 30-40             | 32-50             | 35                |
| Brush speed (RPM)                                   | 230               | 230               | 720               |
| Vacuum motor power (W)                              | 420               | 420               | 420               |
| Traction motor (W)                                  | 300               | 300               | 300               |
| Dimensions L x W x H (mm)                           | 1355 x 670 x 1200 | 1355 x 750 x 1200 | 1355 x 810 x 1200 |
| Weight with batteries (kg)                          | 366               | 368               | 371               |
| <b>FEATURES</b>                                     |                   |                   |                   |
| Battery version                                     | ●                 | ●                 | ●                 |
| On-board charger                                    | ●                 | ●                 | ●                 |
| Chemical mixing system                              | ○                 | ○                 | ○                 |
| Magic scrub deck                                    | ●                 | ●                 | ●                 |
| Wet sweep function                                  |                   |                   | ●                 |
| Automatic speed control                             | ●                 | ●                 | ●                 |
| Adjustable brush pressure                           | ●                 | ●                 |                   |
| <b>STANDARD EQUIPMENT</b>                           |                   |                   |                   |
| Squeegee                                            | ●                 | ●                 | ●                 |
| On-board charger                                    | ●                 | ●                 | ●                 |
| ITEM NO.                                            | 9087270020        | 9087271020        | 9087272020        |



# SCRUBTEC R 6 – Ride-on scrubber dryer



◀ The SCRUBTEC R 671, R 686, R 6100 and R 671 C ride-on scrubber dryers are not only reliable and ergonomic, they are also the ideal solution for high speed scrubbing. They can be configured with different brushes, pads and other options to suit exact customer requirements.

On Touch scrubbing button is conveniently located on the easy-to-understand control panel.



## Highly-productive scrubbing maximizes cleaning results while reducing associated costs

- High productivity
- Ergonomic and easy to use
- Optional chemical mixing system
- Easy to understand control panel
- Adjustable scrubbing and transport speed control
- Gimbal brush/pad system follow uneven floors
- Large battery compartment ensure long running time
- No tool maintenance system



| TECHNICAL DATA                                      | SCRUBTEC R 671    | SCRUBTEC R 686    | SCRUBTEC R 671 C  | SCRUBTEC R 6100    |
|-----------------------------------------------------|-------------------|-------------------|-------------------|--------------------|
| Cleaning width (mm)                                 | 710               | 860               | 710               | 991                |
| Squeegee width (mm)                                 | 826               | 1050              | 826               | 1176               |
| Theoretical surface performance (m <sup>2</sup> /h) | 4480              | 5420              | 4480              | 6250               |
| Working speed (km/h)                                | 6.3               | 6.3               | 6.3               | 6.3                |
| Tank capacity solution/recovery (l)                 | 120/120           | 120/120           | 120/120           | 120/120            |
| Power source, battery (V)                           | 24                | 24                | 24                | 24                 |
| Brush size (mm)                                     | 2 x 355           | 2 x 430           | 2 x 710 Cyl.      | 3 x 330            |
| Brush motor (W)                                     | 2 x 480           | 2 x 480           | 2 x 373           | 3 x 480            |
| Brush pressure (kg)                                 | 39-96             | 39-96             | 27-45             | 59-96              |
| Brush speed (RPM)                                   | 260               | 260               | 260               | 900                |
| Vacuum motor power (W)                              | 560               | 560               | 560               | 560                |
| Traction motor (W)                                  | 780               | 780               | 780               | 780                |
| Dimensions L x W x H (mm)                           | 1540 x 820 x 1390 | 1540 x 930 x 1390 | 1540 x 830 x 1390 | 1540 x 1070 x 1390 |
| Weight with batteries (kg)                          | 602               | 602               | 616               | 626                |
| <b>FEATURES</b>                                     |                   |                   |                   |                    |
| Battery version                                     | ●                 | ●                 | ●                 | ●                  |
| On-board charger                                    | ○                 | ○                 | ○                 | ○                  |
| Chemical mixing system                              | ○                 | ○                 | ○                 | ○                  |
| Wet sweep function                                  |                   |                   | ●                 |                    |
| Adjustable brush pressure                           | ●                 | ●                 | ●                 | ●                  |
| <b>STANDARD EQUIPMENT</b>                           |                   |                   |                   |                    |
| Squeegee                                            | ●                 | ●                 | ●                 | ●                  |
| 2 x brush                                           | ○                 | ○                 | ○                 |                    |
| 3 x brush                                           |                   |                   |                   | ○                  |
| ITEM NO.                                            | 56114004          | 56114005          | 56114008          | 56114006           |











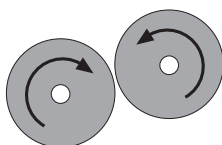
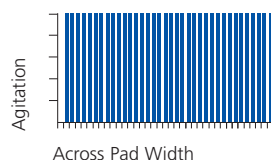
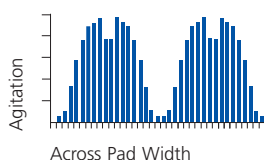
## Cleans better than a conventional disc scrubbers!

For years, the only way to productively clean and maintain smooth tile or concrete floors has been with a twin-disc automatic scrubber using contra-rotating pads or brushes. These machines operate with low (200-300) RPM and require high pad pressure to achieve an acceptable result. On these models, cleaning solution is slung away from the pads and only contained with side skirting that is easily worn or damaged. Another drawback to disc scrubbers is that the pad only cleans in one direction as it passes over the floor surface.

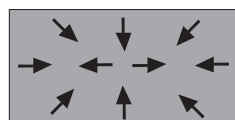


### The unique BOOST™ pad

The unique BOOST™ pad is rectangular, not round, and provides consistent contact across the cleaning path. Two round pads have less contact area in the center and on the edges.



One Way and Uneven Directional Scrubbing of Conventional Disc Machines



Even Multi-Directional Scrubbing By BOOST™ Orbital Pad Scrubber

- 50-70% less water consumption**  
 The orbital action contains the cleaning solution in the brush deck and carries it for the full length of the pad/brush. Compared to traditional disc scrubbers that sling water away from the pad, BOOST's efficient use of the cleaning solution results in water savings of 50-70%.
- 50-70% less chemical consumption**  
 Using less water means using significantly less cleaning chemical. With the SCRUBTEC BOOST, there is no need to change your current floor care chemical program.
- 25% increase in battery runtime**  
 The reduced water usage and reduced pad/brush pressure enables the SCRUBTEC BOOST to utilize the motors and battery pack more efficiently which translates into an increase of run time of up to 25% compared to similar disc scrubbers!
- 40% increase in pad life**  
 Less pad pressure is required to achieve the desired cleaning result since the dirt is attacked from multiple directions. The combination of high RPM orbital action at reduced pad/brush pressure can extend the life of your floor pads by up to 40%!
- Less down time means fewer empty and refill cycles**  
 Use of less water during cleaning keeps the operator working productively rather than emptying and refilling the scrubber tanks.
- Cleaner floors equal more effective burnishing to extend strip and re-coat cycles**  
 The cleaner the floor, the more effective burnishing. With more effective cleaning and burnishing, the time between labor-intensive strip-and-recoats can be extended, which means less money spent on floor stripper and finish.

# SCRUBTEC BOOST 5 & 8 – Walk-behind BOOST scrubber dryers



◀ SCRUBTEC BOOST 5 and 8 are suitable for cleaning in such locations as retail stores, restaurants, sports centres, supermarkets, hospitals, offices and schools. The BOOST™ technology is one of the most significant developments in the cleaning industry in recent years. It offers real and measurable environmental protection, as well as meaningful cost savings to the user.

With SCRUBTEC BOOST, cleaning solution is introduced in front of the rectangular scrubbing pad/ brush and provides consistent contact via patented pulse solution control across the cleaning path. Using less water during cleaning keeps the operator working productively, rather than emptying and refilling the scrubber tanks. ▶



## Real and measurable environmental protection, as well as meaningful cost savings for you

- Break away squeegee with grey non marking protection wheels
- Optional chemical mixing system for all models
- 42 L solution/recovery tanks on BOOST 5, 85 L on BOOST 8
- Large access to recovery tank speeds up cleaning time
- Reduced noise levels to improve operator safety
- Adjustable scrubbing pressure provides the best results under all conditions
- Available with 510 or 710 mm BOOST deck for even cleaning results with minimized water and chemical consumptions



| TECHNICAL DATA                         | SCRUBTEC BOOST 5 COMBI | SCRUBTEC BOOST 8  |
|----------------------------------------|------------------------|-------------------|
| Cleaning width (mm)                    | 510                    | 710               |
| Squeegee width (mm)                    | 770                    | 890               |
| Theoretical surface performance (m²/h) | 2295                   | 3410              |
| Working speed (km/h)                   | 4.5                    | 4.5               |
| Tank capacity solution/recovery (l)    | 42/42                  | 85/85             |
| Power source, battery (V)              | 24                     | 24                |
| Pad size (mm)                          | 510 x 356              | 710 x 356         |
| Brush motor (W)                        | 560                    | 560               |
| Brush pressure (kg)                    | 18-34                  | 30-57             |
| Brush speed - Orbital (RPM)            | 2250                   | 2250              |
| Vacuum motor power (W)                 | 370                    | 370               |
| Dimensions L x W x H (mm)              | 1190 x 510 x 1059      | 1540 x 780 x 1120 |
| Weight with batteries (kg)             | 148                    | 384               |
| <b>FEATURES</b>                        |                        |                   |
| Battery version                        | ●                      | ●                 |
| On-board charger                       | ●                      | ●                 |
| Chemical mixing system                 | ○                      | ○                 |
| Traction drive                         | ●                      | ●                 |
| Adjustable brush pressure              | ●                      | ●                 |
| Delivered ready to use                 | ●                      | ●                 |
| <b>STANDARD EQUIPMENT</b>              |                        |                   |
| Squeegee                               | 909 6851 000           | 10399A            |
| Battery                                | 80564300               |                   |
| On-board charger                       | 909 6739 000           | ●                 |
| Pad, red                               | 997020                 | 997001            |
| ITEM NO.                               | 9087257020             | 05370E            |



◀ This machine effectively makes the operator a natural extension of the machine itself. The squeegee covers the scrubbing track perfectly without leaving a trace.

The magic deck system, linked to the steering wheel for maximum comfort and the minimum effort.



## Super compact design makes cleaning of restricted space areas fast and easy

- The parabolic squeegee perfectly covers the scrubbing track without leaving traces
- Ergonomic seat and steering wheel
- Patented automatic speed control that significantly increases operator safety
- Low noise mode makes daytime cleaning and cleaning of noise-sensitive areas viable
- Robust and extremely versatile machine suitable for many different application areas
- Ergonomic and low placed inclined foot platform: easy driver access from both sides of the machine



| TECHNICAL DATA                                      | SCRUBTEC BOOST R 4 |
|-----------------------------------------------------|--------------------|
| Cleaning width (mm)                                 | 710                |
| Squeegee width (mm)                                 | 890                |
| Theoretical surface performance (m <sup>2</sup> /h) | 4260               |
| Working speed (km/h)                                | 6                  |
| Tank capacity solution/recovery (l)                 | 80/80              |
| Power source, battery (V)                           | 24                 |
| Pad size (mm)                                       | 710 x 356          |
| Brush motor (W)                                     | 560                |
| Brush pressure (kg)                                 | 32-50              |
| Brush speed - Orbital (RPM)                         | 2250               |
| Vacuum motor power (W)                              | 420                |
| Traction motor (W)                                  | 300                |
| Dimensions L x W x H (mm)                           | 1355 x 800 x 1200  |
| Weight with batteries (kg)                          | 366                |
| <b>FEATURES</b>                                     |                    |
| Battery version                                     | ●                  |
| On-board charger                                    | ●                  |
| Chemical mixing system                              | ○                  |
| Magic scrub deck                                    | ●                  |
| Automatic speed control                             | ●                  |
| Adjustable brush pressure                           | ●                  |
| <b>STANDARD EQUIPMENT</b>                           |                    |
| Squeegee                                            | ●                  |
| Pad, red                                            | ●                  |
| On-board charger                                    | ●                  |
| <b>ITEM NO.</b>                                     | <b>9087273020</b>  |







◀ FLOORTEC 480 M walk-behind sweeper is the ideal solution for sweeping small amounts of dry dirt, sand, gravel, cans, bottle caps and cigarettes on indoor and outdoor spaces.

Extremely light and strong hopper, equipped with a carrying handle for easy emptying – no need to expose hands to dirt. The hopper can stay in open position to take large items or rubbish bin contents.



## The ideal solution sweeping small amounts of dry dirt

- Over throw system with use of two main brooms for excellent sweeping performance of large debris
- Easy storage, up-right or hanged on a wall
- Ergonomic and pleasant to operate due to SoftGrip handle
- Height-adjustable handle (3 positions)
- Individually adjustable side brooms
- Front positioned dual casters are located behind the side brooms and are therefore always in a clean swept area
- Large and non marking wheels makes it easy to push and extremely manoeuvrable



| TECHNICAL DATA                                      | FLOORTEC 480 M    |
|-----------------------------------------------------|-------------------|
| Working width, with/without side brooms (mm)        | 840/450           |
| Side broom, diameter (mm)                           | 260               |
| Main broom, diameter (mm)                           | 150               |
| Theoretical surface performance (m <sup>2</sup> /h) | 3360              |
| Working speed (km/h)                                | 4                 |
| Hopper volume (l)                                   | 34                |
| Power source                                        | Manual            |
| Dimensions L x W x H (mm)                           | 1300 x 840 x 1030 |
| Weight (kg)                                         | 16                |
| <b>FEATURES</b>                                     |                   |
| Adjustable main broom                               | ●                 |
| Adjustable side broom                               | ●                 |
| Hopper with external handle                         | ●                 |
| Foldable handle                                     | ●                 |
| Delivered ready to use                              | ●                 |
| <b>STANDARD EQUIPMENT</b>                           |                   |
| Main broom                                          | ● x 2             |
| Side broom                                          | ● x 2             |
| ITEM NO.                                            | 9084803010        |

## BK 900 – Manual sweepers



### Robust, manually-operated sweeper – large robust hopper with carrying handle

- Height-adjustable main broom
- Height-adjustable side broom to compensate for wear
- Larger hopper
- Rugged metal frame
- Folding handle for easy storage and transport
- Direct throw sweeping system
- Light and strong hopper with carrying handle for easy emptying

◀ BK 900 is a robust, manually-operated sweeper for small areas equipped with a large robust hopper with carrying handle. Perfect for sweeping leaves, small amounts of dry dirt, bottle tops and cigarettes, etc. in- or outside buildings, hotels and conference halls.

690 mm sweeping path with side broom. ▶



| TECHNICAL DATA                               | BK 900           |
|----------------------------------------------|------------------|
| Working width, with/without side brooms (mm) | 690/490          |
| Theoretical surface performance (m²/h)       | 2760             |
| Working speed (km/h)                         | 4                |
| Hopper volume (l)                            | 40               |
| Power source                                 | Manual           |
| Dimensions L x W x H (mm)                    | 1060 x 790 x 900 |
| Weight (kg)                                  | 25               |
| <b>FEATURES</b>                              |                  |
| Adjustable main broom                        | ●                |
| Adjustable side broom                        | ●                |
| Hopper with external handle                  | ●                |
| Foldable handle                              | ●                |
| Delivered ready to use                       | ●                |
| <b>STANDARD EQUIPMENT</b>                    |                  |
| Main broom                                   | 60642            |
| Side broom                                   | 60641            |
| ITEM NO.                                     | 60441            |





◀ FLOORTEC 350 B is a battery-powered walk-behind sweeper with dust control and traction. Main and side brooms, filter, battery and on-board charger ready for use as standard. Suitable for service stations, car parks, playgrounds, factories, small warehouses, office buildings, hotels and conference halls.

FLOORTEC 350 B has a standard on-board charger for easy, convenient charging anywhere. Also features a convenient drink holder. ▶



## The ideal solution sweeping small amounts of dry dirt

- Dust free sweeping
- Adjustable main and side broom
- Adjustable handle
- Large hopper
- Quick and easy inspection/change of filters and brooms without using tools
- Driver ergonomics, traction and easy manoeuvrability for optimum work flow
- Durable polyethylene construction and rotor molded cover resist corrosion
- Mechanically linked motor and gearbox reduce maintenance costs and minimize downtime



| TECHNICAL DATA                               | FLOORTEC 350 B      |
|----------------------------------------------|---------------------|
| Working width, with/without side brooms (mm) | 720/500             |
| Side broom, diameter (mm)                    | 315                 |
| Theoretical surface performance (m²/h)       | 2880                |
| Working speed (km/h)                         | 4                   |
| Hopper volume (l)                            | 60                  |
| Power source, battery (V)                    | 12                  |
| Filter area (m²)                             | 1                   |
| Dimensions L x W x H (mm)                    | 998 x 797 x 500     |
| Weight (kg)                                  | 68                  |
| <b>FEATURES</b>                              |                     |
| Battery version                              | ●                   |
| On-board charger                             | ●                   |
| Polyester filter                             | ●                   |
| Dust control                                 | ●                   |
| Traction drive                               | ●                   |
| Foldable handle                              | ●                   |
| Delivered ready for use                      | ●                   |
| <b>STANDARD EQUIPMENT</b>                    |                     |
| Main broom                                   | 1463174000          |
| Side broom                                   | 146 3035 000        |
| Battery, 12 V 46 Ah maintenance free         | 1464483000          |
| <b>ITEM NO.</b>                              | <b>908 4704 010</b> |

# FLOORTEC 560 – Walk-behind sweepers



◀ FLOORTEC 560 is the ideal solution for dust-free sweeping for in- and outdoor use and small to medium-sized cleaning jobs, such as service stations, parking lots, school yards, factories and small warehouses. Also ideal for cleaning large carpeted areas. Low sound level provides operators with a pleasant working environment.

Adjustable ergonomic drive handle to match operator height. Foldable for easy transport. ▶



## Dust free sweeping of floors and carpet areas

- Effective in narrow spaces
- Overthrow sweeping system
- Dust free sweeping of floors and carpet areas
- Quick and easy inspection/change of filters and brooms without using tools
- Driver ergonomics, traction and easy manoeuvrability for optimum work flow
- Durable polyethylene construction and rotor molded cover resist corrosion
- Mechanically linked motor and gearbox reduce maintenance costs and minimize downtime



| TECHNICAL DATA                               | FLOORTEC 560 B OBC | FLOORTEC 560 P   |
|----------------------------------------------|--------------------|------------------|
| Working width, with/without side brooms (mm) | 820/600            | 820/600          |
| Side broom, diameter (mm)                    | 420                | 420              |
| Theoretical surface performance (m²/h)       | 3690               | 3690             |
| Working speed (km/h)                         | 4.5                | 4.5              |
| Hopper volume (l)                            | 50                 | 50               |
| Power source, battery (V)                    | 12                 |                  |
| Power source, petrol (kW)                    |                    | 2.2              |
| Fuel tank (l)                                |                    | 1.2              |
| Filter area (m²)                             | 2                  | 2                |
| Dimensions L x W x H (mm)                    | 1070 x 780 x 840   | 1070 x 780 x 840 |
| Weight (kg)                                  | 90                 | 105              |
| <b>FEATURES</b>                              |                    |                  |
| Battery version                              | ●                  |                  |
| Petrol version                               |                    | ●                |
| On-board charger                             | ●                  |                  |
| Polyester filter                             | ○                  | ○                |
| Dust control                                 | ●                  | ●                |
| Traction drive                               | ●                  | ●                |
| Foldable handle                              | ●                  | ●                |
| Delivered ready to use                       |                    | ●                |
| <b>STANDARD EQUIPMENT</b>                    |                    |                  |
| Main broom                                   | 146 0748 000       | 146 0748 000     |
| Side broom                                   | 145 1899 000       | 145 1899 000     |
| Battery charger                              | 146 2359 000       |                  |
| Main filter, paper                           | 145 4806 000       | 145 4806 000     |
| ITEM NO.                                     | 908 4108 010       | 908 4109 010     |



◀ FLOORTEC R 360 with its 360° manoeuvrability and up to 16% ramp climbing capacity is the most effective solution for dust-free sweeping in narrow areas, it is small enough to fit into elevators and narrow aisles. The ideal solution for medium sized areas such as service stations, parking lots, school yards, shopping malls, sport centres, factories and warehouses.

The steering column adjusts to fit the operator and to ensure easy access to the machine. ▶



## 360° dust-free sweeping and a ramp climbing capacity of up to 16%

- Electrical filter shaker
- 16% ramp climbing capacity
- Two side brooms for wide sweeping path
- Foot pedal for speed and forward/reverse bottom on control panel
- Powerful vacuum motor and large filter
- Quick and easy change of filters, main and side brooms without tools
- Adjustable seat to accommodate all drivers ensures maximum driver safety and comfort
- Adjustable steering column to fit the operator



| TECHNICAL DATA                               | FLOORTEC R 360 B OBC | FLOORTEC R 360 P  |
|----------------------------------------------|----------------------|-------------------|
| Working width, with/without side brooms (mm) | 1000/600             | 1000/600          |
| Side broom, diameter (mm)                    | 420                  | 420               |
| Theoretical surface performance (m²/h)       | 3850                 | 3850              |
| Working speed (km/h)                         | 5.5                  | 5.5               |
| Min. turn-around aisle width (mm)            | 1460                 | 1460              |
| Hopper volume (l)                            | 50                   | 50                |
| Power source, battery (V)                    | 24                   |                   |
| Power source, petrol (kW)                    |                      | 2.2               |
| Fuel tank (l)                                |                      | 2.2               |
| Filter area (m²)                             | 3                    | 3                 |
| Dimensions L x W x H (mm)                    | 1255 x 795 x 1155    | 1255 x 795 x 1155 |
| Weight (kg)                                  | 144                  | 202               |
| <b>FEATURES</b>                              |                      |                   |
| Battery version                              | ●                    |                   |
| Petrol version                               |                      | ●                 |
| On-board charger                             | ●                    |                   |
| Polyester filter                             | ○                    | ○                 |
| Dust control                                 | ●                    | ●                 |
| Wet sweep by-pass                            | ●                    | ●                 |
| Delivered ready to use                       |                      | ●                 |
| <b>STANDARD EQUIPMENT</b>                    |                      |                   |
| Main broom                                   | 146 0748 000         | 146 0748 000      |
| Side broom                                   | 145 1899 000         | 145 1899 000      |
| Battery charger                              | 146 2052 000         |                   |
| Main filter, paper                           | 146 1888 000         | 146 1888 000      |
| ITEM NO.                                     | 908 4207 010         | 908 4208 010      |

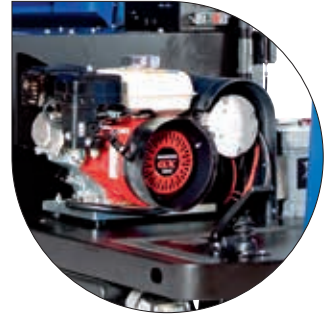


# FLOORTEC R 670 – Ride-on sweepers w/manual dump



◀ FLOORTEC R 670 is a robust sweeper designed to withstand tough working conditions – indoors or out. Excellent turning radius – for optimum work flow and up to 20% ramp climbing capacity.

Easy access to all components – easy inspection and maintenance. ▶



## Made to meet your different cleaning needs

- Electrical filter shaker
- 20% ramp climbing capacity
- Two side brooms for wide sweeping path
- Easy to inspect/change filters and brooms without tools
- Foot pedal for speed and forward/reverse button on control panel
- Thermal switches on the drive and broom motors for protection and reduced maintenance cost
- Flap lifting device for picking up large debris
- Operator entry from either side for superior ergonomics
- Adjustable steering wheel



| TECHNICAL DATA                               | FLOORTEC R 670 B OBC | FLOORTEC R 670 P  |
|----------------------------------------------|----------------------|-------------------|
| Working width, with/without side brooms (mm) | 1260/700             | 1260/700          |
| Side broom, diameter (mm)                    | 430                  | 430               |
| Theoretical surface performance (m²/h)       | 4410                 | 4410              |
| Working speed (km/h)                         | 5                    | 5                 |
| Min. turn-around aisle width (mm)            | 2360                 | 2360              |
| Hopper volume (l)                            | 70                   | 70                |
| Power source, battery (V)                    | 24                   |                   |
| Power source, petrol (kW)                    |                      | 2.9               |
| Fuel tank (l)                                |                      | 2.5               |
| Filter area (m²)                             | 3.6                  | 3.6               |
| Dimensions L x W x H (mm)                    | 1480 x 930 x 1220    | 1480 x 930 x 1220 |
| Weight (kg)                                  | 255                  | 315               |
| <b>FEATURES</b>                              |                      |                   |
| Battery version                              | ●                    |                   |
| Petrol version                               |                      | ●                 |
| On-board charger                             | ●                    |                   |
| Polyester filter                             | ○                    | ○                 |
| Dust control                                 | ●                    | ●                 |
| Wet sweep by-pass                            | ●                    | ●                 |
| Delivered ready to use                       |                      | ●                 |
| <b>STANDARD EQUIPMENT</b>                    |                      |                   |
| Main broom                                   | 145 4879 000         | 145 4879 000      |
| Side broom                                   | 1463952000           | 1463952000        |
| Battery charger                              | 146 2668 000         |                   |
| Main filter, paper                           | 145 5665 000         | 145 5665 000      |
| ITEM NO.                                     | 9084315010           | 9084316010        |



◀ The FLOORTEC R 680 is a high capacity dust-free sweeper with a working width of 1050 mm, a powerful vacuum system and a 130 litre hopper for sweeping large floor areas without emptying. The FLOORTEC R 680 excels not only in productivity but also in climbing power. Ramp climbing up to 20% incline.

For easy emptying of the 130 L hopper, FLOORTEC R 680 is equipped with a hydraulic high-dump with a variable lift mechanism, to empty the hopper into containers of various heights. Max. lifting height is 1.8 m and emptying height is up to 1.5 m.



## High-capacity sweeping with hydraulic high-dump

- Dust free sweeping
- Adjustable main and side broom
- Adjustable handle
- Large hopper
- Quick and easy inspection/change of filters and brooms without using tools
- Driver ergonomics, traction and easy manoeuvrability for optimum work flow
- Durable polyethylene construction and rotor molded cover resist corrosion
- Mechanically linked motor and gearbox reduce maintenance costs and minimize downtime



| TECHNICAL DATA                               | FLOORTEC R 680 B   |
|----------------------------------------------|--------------------|
| Working width, with/without side brooms (mm) | 1050/800           |
| Side broom, diameter (mm)                    | 520                |
| Theoretical surface performance (m²/h)       | 4410               |
| Working speed (km/h)                         | 6                  |
| Min. turn-around aisle width (mm)            | 1690               |
| Hopper volume (l)                            | 130                |
| Power source, battery (V)                    | 24                 |
| Filter area (m²)                             | 3.6                |
| Dimensions L x W x H (mm)                    | 1750 x 1200 x 1370 |
| Weight (kg)                                  | 440                |
| <b>FEATURES</b>                              |                    |
| Battery version                              | ●                  |
| High variable dump                           | ●                  |
| Polyester filter                             | ○                  |
| Dust control                                 | ●                  |
| Wet sweep by-pass                            | ●                  |
| <b>STANDARD EQUIPMENT</b>                    |                    |
| Main broom                                   | 146 1018 000       |
| Side broom                                   | 146 1025 000       |
| Main filter, paper                           | 1463523000         |
| <b>ITEM NO.</b>                              | <b>9084514010</b>  |

# SPINTEC 443 / H / DS – Single discs



◀ The SPINTEC 443 range is a single disc polisher for professional maintenance and cleaning tasks on a variety of floor types: concrete and coated floors, stone and ceramic floor coverings, tiles, PVC and linoleum, parquet, wood and carpets.

A clean and shiny floor is one of the most decisive criteria for retail customers.

▶ Cable hook, where the cable can be easily wound up on the machine. When the cable shall be wound up it can be quick and easily released thanks to the quick release function.



## Easy, efficient and long life with a minimum of service

- Offset motor to clean under furniture and radiators.
- Rugged tube and frame resistant to knocks and bumps without breaking
- Long life with a minimum of service costs
- Cable hook, where the cable can be easily wound up on the machine
- Rubber bumper protects obstacles and machine from damages
- Quiet operation and long life
- Easy to operate
- Mains powered



| TECHNICAL DATA            | SPINTEC 443      | SPINTEC 443 H    | SPINTEC 443 DS   |
|---------------------------|------------------|------------------|------------------|
| Working size (mm/")       | 430/17           | 430/17           | 430/17           |
| Speed (RPM)               | 180              | 410              | 185/370          |
| Power source (V-Hz)       | 220/240-50       | 220/240-50       | 220/240-50       |
| Power consumption (W)     | 1100             | 1500             | 1500             |
| Main cable length (m)     | 15               | 15               | 15               |
| Dimensions L x W x H (mm) | 572 x 445 x 1236 | 572 x 445 x 1236 | 572 x 445 x 1236 |
| Weight (kg)               | 37               | 40               | 40               |
| <b>FEATURES</b>           |                  |                  |                  |
| High speed polisher       |                  | ●                |                  |
| Dual speed polisher       |                  |                  | ●                |
| Belt drive                | ●                | ●                | ●                |
| Cable holder              | ●                | ●                | ●                |
| High visibility cable     | ●                | ●                | ●                |
| Integrated plug holder    | ●                | ●                | ●                |
| ITEM NO.                  | 56380065         | 56380068         | 56380070         |





◀ The SPINTEC 551 UH burnisher is a 1500rpm belt driven machine. We have improved ergonomics in handling, balance and transportation and we have improved serviceability. The SPINTEC 551 UH is a complete and worry free machine.

Practical cable hook to keep the cable in order after use, just turn the cable hook in position and wire the cable. The cable release is made easy. Orange cable for high visibility for high safety.



## Ready to use, maintenance free, durable, easy to clean

- Rugged tube and frame resistant to knocks and bumps without breaking
- Cable hook, where the cable can be easily wound up on the machine
- Rubber bumper protects obstacles and machine from damages
- Ready to use
- Easy to operate
- Maintenance free
- Quiet operation
- Mains powered
- Durable



| TECHNICAL DATA            | SPINTEC 551 UH   |
|---------------------------|------------------|
| Working size (mm/")       | 510/20           |
| Brush speed (RPM)         | 1500             |
| Power source (V-Hz)       | 230-50           |
| Power consumption (W)     | 1100             |
| Main cable length (m)     | 15               |
| Dimensions L x W x H (mm) | 824 x 566 x 1261 |
| Weight (kg)               | 41               |
| <b>FEATURES</b>           |                  |
| Belt drive                | ●                |
| Cable holder              | ●                |
| High visibility cable     | ●                |
| ITEM NO.                  | 56380072         |

## The accessories – increase your efficiency



The Floor Care range is supported with a wide range of accessories, in order to customize the machine to meet exactly your demands:

### Selection of different types of batteries

Wet/acid flat plate or tubular types with a life time of 800-1500 cycles. One cycle is equal to one full discharge and one full charge.

In our program there are also Wet Semi-traction batteries which have a life time around 300-500 cycles.

- They have high capacity.
- They need to be maintained/re-filled with distilled water.
- They must be charged in a ventilated room because of the gases created while charging.

### Gel/maintenance free batteries

- They have a lower capacity.
- They are more expensive.
- There is no need for re-filling with distilled water.
- They can be charged anywhere, as there are no gases generated during charging.

### Chargers

Most of our external chargers are of the "High Frequency" type, they will charge both Wet or Gel batteries, the charger can easily be adjusted to fit your battery pack. For our scrubber dryers and combination machines we have a wide selection of different brushes (normal or cylindrical), pads and pad drivers, as well as a selection of different squeegee blades.



### Pads and brushes

- Super Grid / Black Extremely aggressive
- Clean Grid / Brown Aggressive
- Polypropylene / Blue-Red Medium
- Nylon / Red Medium / Soft
- Universal (Union mix) / White Soft / Light

The correct brush or pad for your hard floor cleaning machine is essential to do the job properly and to save time. What's more, the cost savings from productivity gains can be substantial.

This guide is intended to help you choose the right tool for the job. Our range includes pads for stripping, scrubbing, spray cleaning, polishing and burnishing - and brushes for every need.

**Note:** The wrong choice can easily damage the floor, so take no chances. Seek advice from your local Nilfisk-ALTO dealer.

### Squeegee blades

- Natural Gum Rubber (beige) offers superior water control and pickup.
- PU (natural) material offers excellent water control and pickup. The material is oil resistant and offers greater life cycles.
- Urethane (black) material is generally used as an inner squeegee blade.

For our sweepers we also supply a range of different side and main brooms, as well as different filters. All can naturally be inspected and changed without the use of any tools.

# Batteries and chargers for walk-behind and ride-on scrubber dryers



| Batteries and chargers                                           | Pieces needed | SCRUBTEC 337 | SCRUBTEC 343.2 | SCRUBTEC 5 & 6 / SCRUBTEC BOOST 5 | SCRUBTEC 8 / SCRUBTEC BOOST 8 | SCRUBTEC R 4 / SCRUBTEC BOOST R 4 | SCRUBTEC R 6 | Item No.   |
|------------------------------------------------------------------|---------------|--------------|----------------|-----------------------------------|-------------------------------|-----------------------------------|--------------|------------|
| Battery 12 V-55 Ah AGM                                           | 1             | ●            |                |                                   |                               |                                   |              | 9098977000 |
| Battery 12 V-84 Ah                                               | 1             | ○            |                |                                   |                               |                                   |              | 1464853000 |
| Battery 12V-76Ah GEL Monoblock                                   | 2             |              | ○              |                                   |                               |                                   |              | 80564310   |
| Battery 12V-50Ah GEL Monoblock                                   | 2             |              | ○              |                                   |                               |                                   |              | 80564200   |
| Battery 12V-68Ah AGM spiralcell ***** Only with external charger | 2             |              | ○              |                                   |                               |                                   |              | 80561268   |
| Battery 12V-52Ah AGM spiralcell ***** Only with external charger | 2             |              | ○              |                                   |                               |                                   |              | 80561252   |
| Charger HF 24V 30A for AGM spiralcell                            | 1             |              | ○              |                                   |                               |                                   |              | 80542432   |
| Battery 12V-70Ah GEL Monoblock                                   | 2             |              |                | ○                                 |                               |                                   |              | 80564300   |
| Charger HF 24V 10A SB120R                                        | 1             |              |                | ○                                 |                               |                                   |              | 80512410   |
| Battery 12V-105Ah GEL Monoblock                                  | 2             |              |                | ○                                 |                               |                                   |              | 80564400   |
| Charger HF 24V 13A SB120R                                        | 1             |              |                | ○                                 |                               |                                   |              | 80532413   |
| Battery 12V-110Ah WET Semi T Monobloc                            | 2             |              |                | ○                                 |                               |                                   |              | L00200049  |
| Charger HF 24V 13A SB120R                                        | 1             |              |                | ○                                 |                               |                                   |              | 80532413   |
| Battery 12V-110Ah WET Tubular Monobloc                           | 2             |              |                | ○                                 |                               |                                   |              | 80564600   |
| Battery filling system                                           | 1             |              |                | ○                                 |                               |                                   |              | 7116077    |
| Charger HF 24V 13A SB120R                                        | 1             |              |                | ○                                 |                               |                                   |              | 80532413   |
| Battery 12V-85Ah WET Semi T Monobloc                             | 2             |              |                | ○                                 |                               |                                   |              | 80564800   |
| Battery filling system                                           | 1             |              |                | ○                                 |                               |                                   |              | 7116062    |
| Charger HF 24V 10A SB120R                                        | 1             |              |                | ○                                 |                               |                                   |              | 80512410   |
| Battery 12V-85Ah wet semi traction monobloc                      | 2             |              |                | ○                                 |                               |                                   |              | 80564800   |
| Battery filling system                                           | 1             |              |                | ○                                 |                               |                                   |              | 7116062    |
| Charger HF 24V 10A SB120R                                        | 1             |              |                | ○                                 |                               |                                   |              | 80512410   |
| Battery 12V-68Ah AGM spiralcell ***** Only with external charger | 2             |              |                | ○                                 |                               |                                   |              | 80561268   |
| Charger HF 24V 30A for AMG spiralcell                            | 1             |              |                | ○                                 |                               |                                   |              | 80542433   |
| Battery 6V-255Ah WET Semi T Monobloc                             | 4             |              |                | ○                                 |                               |                                   |              | 80565000   |
| Battery filling system                                           | 1             |              |                | ○                                 |                               |                                   |              | 7116054    |
| Battery 24V-240Ah WET in tray with BFS                           | 1             |              |                | ○                                 |                               |                                   |              | L00290018  |
| Battery filling system                                           | 1             |              |                | ○                                 |                               |                                   |              | 7116054    |
| Battery 6V-180Ah WET Tubular Monobloc                            | 4             |              |                | ○                                 |                               |                                   |              | 80564500   |
| Battery filling system                                           | 1             |              |                | ○                                 |                               |                                   |              | 7116054    |
| Battery 6V-240Ah GEL Monoblock                                   | 4             |              |                | ○                                 |                               |                                   |              | 80564100   |
| Battery 24V-220Ah GEL Single Cells in tray                       | 1             |              |                | ○                                 |                               |                                   |              | L00210012  |
| Battery 6V-180Ah GEL Monoblock                                   | 4             |              |                | ○                                 |                               |                                   |              | 80564000   |
| Battery 6V-200Ah WET Tubular Monobloc                            | 4             |              |                |                                   | ○                             |                                   |              | 80563200   |
| Battery 6V-180Ah GEL Monoblock                                   | 4             |              |                |                                   | ○                             |                                   |              | 80564000   |
| Battery 6V-285Ah WET Semi T Monobloc                             | 4             |              |                |                                   |                               | ○                                 |              | 7116015    |
| Charger HF 24V 30A SB175R                                        | 1             |              |                |                                   |                               | ○                                 |              | 80542431   |
| Battery 24V-320Ah WET in tray with Aquamatic                     | 1             |              |                |                                   |                               | ○                                 |              | L00290016  |
| Battery 24V-360Ah WET in tray with Aquamatic                     | 1             |              |                |                                   |                               | ○                                 |              | 80561311   |
| Battery 24V-400Ah WET Welded cells w/o tray                      | 1             |              |                |                                   |                               | ○                                 |              | 80561312   |
| Charger HF 24V 40A SB175R                                        | 1             |              |                |                                   |                               | ○                                 |              | 80542440   |
| Battery 6V-240Ah GEL Monobloc                                    | 4             |              |                |                                   |                               | ○                                 |              | 80564100   |
| Charger HF 24V 25A SB175R                                        | 1             |              |                |                                   |                               | ○                                 |              | 80542426   |
| Battery 6V-320Ah GEL Single Cells in tray                        | 1             |              |                |                                   |                               | ○                                 |              | 80561411   |
| Charger HF 24V 40A SB175R                                        | 1             |              |                |                                   |                               | ○                                 |              | 80542440   |
| Kit On-board charger-EU                                          | 1             |              |                |                                   |                               | ○                                 |              | 56114260   |

↑ Item no. always consists of one piece.



↑ Item no. always consists of one piece.

# Brushes for scrubber dryers



| Brushes                    | Pieces needed | SCRUBTEC 233 | SCRUBTEC 337 | SCRUBTEC 343 2 | SCRUBTEC 553/653 | SCRUBTEC 651 | SCRUBTEC 661 | SCRUBTEC 866 | SCRUBTEC 871 | SCRUBTEC 871 C | SCRUBTEC 886 | SCRUBTEC R 466 | SCRUBTEC R 471 | SCRUBTEC R 671 | SCRUBTEC R 671 C | SCRUBTEC R 686 | SCRUBTEC R 6100 | Item No.     |
|----------------------------|---------------|--------------|--------------|----------------|------------------|--------------|--------------|--------------|--------------|----------------|--------------|----------------|----------------|----------------|------------------|----------------|-----------------|--------------|
| <b>Universal/Union Mix</b> |               |              |              |                |                  |              |              |              |              |                |              |                |                |                |                  |                |                 |              |
| 12" (305 mm)               | 2             |              |              |                |                  |              |              |              |              |                |              |                |                |                |                  |                |                 | L08603875    |
| 13" (330 mm)               | 2             |              |              |                |                  |              |              |              |              |                |              |                |                |                |                  |                |                 | 303000381    |
| 14" (355 mm)               | 2             |              |              |                |                  |              |              |              |              |                |              |                |                |                |                  |                |                 | 303000382    |
| 14" (370 mm)               | 1             |              |              |                |                  |              |              |              |              |                |              |                |                |                |                  |                |                 | 9099007000   |
| 17" (430 mm)               | 1             |              |              |                |                  |              |              |              |              |                |              |                |                |                |                  |                |                 | 909 5694 000 |
| 17" (430 mm)               | 2             |              |              |                |                  |              |              |              |              |                |              |                |                |                |                  |                |                 | 303000384    |
| 21" (530 mm)               | 1             |              |              |                |                  |              |              |              |              |                |              |                |                |                |                  |                |                 | L08837027    |
| <b>Polypropylene</b>       |               |              |              |                |                  |              |              |              |              |                |              |                |                |                |                  |                |                 |              |
| 6.5" (165 mm)              | 2             |              |              |                |                  |              |              |              |              |                |              |                |                |                |                  |                |                 | 9097242000   |
| 6.5" (165 mm)              | 2             |              |              |                |                  |              |              |              |              |                |              |                |                |                |                  |                |                 | 9097543000   |
| 12" (305 mm)               | 2             |              |              |                |                  |              |              |              |              |                |              |                |                |                |                  |                |                 | L08603842    |
| 12.5" (318 mm)             | 3             |              |              |                |                  |              |              |              |              |                |              |                |                |                |                  |                |                 | 56114218     |
| 13" (330 mm)               | 2             |              |              |                |                  |              |              |              |              |                |              |                |                |                |                  |                |                 | 11438A       |
| 13.5" (343 mm)             | 2             |              |              |                |                  |              |              |              |              |                |              |                |                |                |                  |                |                 | 56114223     |
| 14" (355 mm)               | 2             |              |              |                |                  |              |              |              |              |                |              |                |                |                |                  |                |                 | 11427B       |
| 14" (370 mm) - light       | 1             |              |              |                |                  |              |              |              |              |                |              |                |                |                |                  |                |                 | 9099006000   |
| 14" (370 mm)               | 1             |              |              |                |                  |              |              |              |              |                |              |                |                |                |                  |                |                 | 9098529000   |
| 16.5" (420 mm)             | 2             |              |              |                |                  |              |              |              |              |                |              |                |                |                |                  |                |                 | 56114228     |
| 17" (430 mm)               | 2             |              |              |                |                  |              |              |              |              |                |              |                |                |                |                  |                |                 | 11424B       |
| 21" (530 mm)               | 1             |              |              |                |                  |              |              |              |              |                |              |                |                |                |                  |                |                 | L08837025    |
| <b>Nylon</b>               |               |              |              |                |                  |              |              |              |              |                |              |                |                |                |                  |                |                 |              |
| 12.5" (318 mm)             | 3             |              |              |                |                  |              |              |              |              |                |              |                |                |                |                  |                |                 | 56114219     |
| 13" (330 mm)               | 2             |              |              |                |                  |              |              |              |              |                |              |                |                |                |                  |                |                 | 11437A       |
| 13.5" (343 mm)             | 2             |              |              |                |                  |              |              |              |              |                |              |                |                |                |                  |                |                 | 56114224     |
| 14" (355 mm)               | 2             |              |              |                |                  |              |              |              |              |                |              |                |                |                |                  |                |                 | 10874A       |
| 16.5" (420 mm)             | 2             |              |              |                |                  |              |              |              |              |                |              |                |                |                |                  |                |                 | 56114229     |
| 17" (430 mm)               | 2             |              |              |                |                  |              |              |              |              |                |              |                |                |                |                  |                |                 | 10875A       |
| <b>Light grit</b>          |               |              |              |                |                  |              |              |              |              |                |              |                |                |                |                  |                |                 |              |
| 12.5" (318 mm)             | 3             |              |              |                |                  |              |              |              |              |                |              |                |                |                |                  |                |                 | 56114220     |
| 13" (330 mm)               | 2             |              |              |                |                  |              |              |              |              |                |              |                |                |                |                  |                |                 | 10382A       |
| 13.5" (343 mm)             | 2             |              |              |                |                  |              |              |              |              |                |              |                |                |                |                  |                |                 | 56114225     |
| 14" (355 mm)               | 2             |              |              |                |                  |              |              |              |              |                |              |                |                |                |                  |                |                 | 10383A       |
| 16.5" (420 mm)             | 2             |              |              |                |                  |              |              |              |              |                |              |                |                |                |                  |                |                 | 56114230     |
| 17" (430 mm)               | 1             |              |              |                |                  |              |              |              |              |                |              |                |                |                |                  |                |                 | 909 5691 000 |
| 17" (430 mm)               | 2             |              |              |                |                  |              |              |              |              |                |              |                |                |                |                  |                |                 | 10384A       |
| 21" (530 mm)               | 1             |              |              |                |                  |              |              |              |              |                |              |                |                |                |                  |                |                 | L08837028    |

↑ Item no. always consists of one piece.

# Brushes for scrubber dryers



| Brushes        |   | Pieces needed |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Item No.     |
|----------------|---|---------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--------------|
| Clean grit     |   |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |              |
| 12" (305 mm)   | 2 |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | L08603873    |
| 12.5" (318 mm) | 3 |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 56114221     |
| 13" (330 mm)   | 2 |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 11439A       |
| 13.5" (343 mm) | 2 |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 56114226     |
| 14" (355 mm)   | 2 |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 11431B       |
| 14" (370 mm)   | 1 |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 9099009000   |
| 16.5" (420 mm) | 2 |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 56114231     |
| 17" (430 mm)   | 1 |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 909 5692 000 |
| 17" (430 mm)   | 2 |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 11430B       |
| 21" (530 mm)   | 1 |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | L08837029    |
|                |   |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |              |
|                |   |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |              |
|                |   |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |              |
| Super grit     |   |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |              |
| 12" (305 mm)   | 2 |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | L08603872    |
| 12.5" (318 mm) | 3 |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 56114222     |
| 13" (330 mm)   | 2 |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 11440A       |
| 13.5" (343 mm) | 2 |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 56114227     |
| 14" (355 mm)   | 2 |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 11426B       |
| 14" (370 mm)   | 1 |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 9099008000   |
| 16.5" (420 mm) | 2 |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 56114232     |
| 17" (430 mm)   | 2 |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 11425B       |
| 21" (530 mm)   | 1 |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | L08837065    |
|                |   |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |              |
|                |   |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |              |
|                |   |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |              |
| Cylindrical    |   |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |              |
| Polypropylene  |   |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |              |
| 490 mm         | 2 |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 909 5823 000 |
| 690 mm         | 2 |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 56412046     |
| 690 mm         | 2 |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 30614A       |
|                |   |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |              |
| Nylon          |   |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |              |
| 430 mm         | 1 |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | L08425200    |
| 490 mm         | 2 |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 909 5824 000 |
| 690 mm         | 2 |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 56412192     |
| 690 mm         | 2 |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 30615A       |
|                |   |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |              |
| Clean grit     |   |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |              |
| 430 mm         | 1 |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | L08425300    |
| 690 mm         | 2 |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 56412194     |
| 690 mm         | 2 |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 30616A       |
|                |   |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |              |
| Super grit     |   |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |              |
| 430 mm         | 1 |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | L08425400    |
| 490 mm         | 2 |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 909 5825 000 |
| 690 mm         | 2 |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 56412195     |
| 690 mm         | 2 |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 30617A       |
|                |   |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |              |
|                |   |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |              |
|                |   |               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |              |

↑ Item no. always consists of one piece.



# Pads and pad drivers for scrubber dryers



| Pads                               | Pieces needed | Packed | SCRUBTEC 233 | SCRUBTEC 337 | SCRUBTEC 343.2 | SCRUBTEC 553/653 | SCRUBTEC BOOST 5 | SCRUBTEC 661 | SCRUBTEC 866 | SCRUBTEC 871 | SCRUBTEC 886 | SCRUBTEC BOOST 8 | SCRUBTEC R 466 | SCRUBTEC R 471 | SCRUBTEC R 671 | SCRUBTEC R 686 | SCRUBTEC R 6100 | Item No. |
|------------------------------------|---------------|--------|--------------|--------------|----------------|------------------|------------------|--------------|--------------|--------------|--------------|------------------|----------------|----------------|----------------|----------------|-----------------|----------|
| <b>EcoPad, white (175-600 RPM)</b> |               |        |              |              |                |                  |                  |              |              |              |              |                  |                |                |                |                |                 |          |
| 6.5" (165 mm)                      | 2             | 5      | ○            |              |                |                  |                  |              |              |              |              |                  |                |                |                |                |                 | 10001968 |
| 12" (305 mm)                       | 2             | 5      |              |              |                |                  | ○                |              |              |              |              |                  |                |                |                |                |                 | 10001909 |
| 13" (330 mm)                       | 3**/2/1*      | 5      |              | ○            |                |                  |                  | ○            |              |              |              |                  | ○              |                |                | ○              |                 | 10001915 |
| 14" (355 mm)                       | 2/1*          | 5      |              | ○            |                |                  |                  |              | ○            |              |              |                  |                | ○              | ○              |                |                 | 10001921 |
| 17" (430 mm)                       | 2/1*          | 5      |              |              | ○              |                  |                  |              |              | ○            |              |                  |                |                |                | ○              |                 | 10001936 |
| 21" (530 mm)                       | 1             | 5      |              |              |                | ○                |                  |              |              |              |              |                  |                |                |                |                |                 | 10001966 |
| <b>EcoPad, red (175-600 RPM)</b>   |               |        |              |              |                |                  |                  |              |              |              |              |                  |                |                |                |                |                 |          |
| 6.5" (165 mm)                      | 2             | 5      | ○            |              |                |                  |                  |              |              |              |              |                  |                |                |                |                |                 | 10001969 |
| 12" (305 mm)                       | 2             | 5      |              |              |                |                  | ○                |              |              |              |              |                  |                |                |                |                |                 | 10001908 |
| 13" (330 mm)                       | 3**/2/1*      | 5      |              | ○            |                |                  |                  | ○            |              |              |              | ○                |                |                |                | ○              |                 | 10001914 |
| 14" (355 mm)                       | 2/1*          | 5      |              | ○            |                |                  |                  |              | ○            |              |              |                  | ○              | ○              |                |                |                 | 10001920 |
| 17" (430 mm)                       | 2/1*          | 5      |              |              | ○              |                  |                  |              |              | ○            |              |                  |                |                |                | ○              |                 | 10001941 |
| 21" (530 mm)                       | 1             | 5      |              |              |                | ○                |                  |              |              |              |              |                  |                |                |                |                |                 | 10001965 |
| <b>EcoPad, blue (175-600 RPM)</b>  |               |        |              |              |                |                  |                  |              |              |              |              |                  |                |                |                |                |                 |          |
| 12" (305 mm)                       | 2             | 5      |              |              |                |                  | ○                |              |              |              |              |                  |                |                |                |                |                 | 10001905 |
| 13" (330 mm)                       | 3**/2/1*      | 5      |              | ○            |                |                  |                  | ○            |              |              |              | ○                |                |                |                | ○              |                 | 10001911 |
| 14" (355 mm)                       | 2/1*          | 5      |              | ○            |                |                  |                  |              | ○            |              |              |                  | ○              | ○              |                |                |                 | 10001917 |
| 17" (430 mm)                       | 2/1*          | 5      |              |              | ○              |                  |                  |              |              | ○            |              |                  |                |                |                | ○              |                 | 10001939 |
| 21" (530 mm)                       | 1             | 5      |              |              |                | ○                |                  |              |              |              |              |                  |                |                |                |                |                 | 10001962 |
| <b>EcoPad, brown (175-600 RPM)</b> |               |        |              |              |                |                  |                  |              |              |              |              |                  |                |                |                |                |                 |          |
| 6.5" (165 mm)                      | 2             | 5      | ○            |              |                |                  |                  |              |              |              |              |                  |                |                |                |                |                 | 10001970 |
| 12" (305 mm)                       | 2             | 5      |              |              |                |                  | ○                |              |              |              |              |                  |                |                |                |                |                 | 10001906 |
| 13" (330 mm)                       | 3**/2/1*      | 5      |              | ○            |                |                  |                  | ○            |              |              |              | ○                |                |                |                | ○              |                 | 10001912 |
| 14" (355 mm)                       | 2/1*          | 5      |              | ○            |                |                  |                  |              | ○            |              |              |                  | ○              | ○              |                |                |                 | 10001918 |
| 17" (430 mm)                       | 2/1*          | 5      |              |              | ○              |                  |                  |              |              | ○            |              |                  |                |                |                | ○              |                 | 10001971 |
| 21" (530 mm)                       | 1             | 5      |              |              |                | ○                |                  |              |              |              |              |                  |                |                |                |                |                 | 10001963 |

# Pads and pad drivers for scrubber dryers



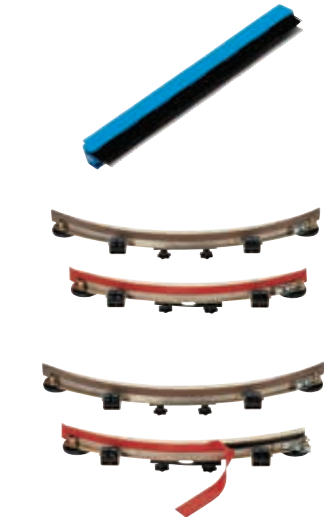
| Pads                                  | Pieces needed | Packed | SCRUBTEC 233 | SCRUBTEC 337 | SCRUBTEC 343.2 | SCRUBTEC 553/653 | SCRUBTEC BOOST 5 | SCRUBTEC 661 | SCRUBTEC 866 | SCRUBTEC 871 | SCRUBTEC 886 | SCRUBTEC BOOST 8 | SCRUBTEC R 466 | SCRUBTEC R 471 | SCRUBTEC BOOST R 4 | SCRUBTEC R 671 | SCRUBTEC R 686 | SCRUBTEC R 6100 | Item No.     |
|---------------------------------------|---------------|--------|--------------|--------------|----------------|------------------|------------------|--------------|--------------|--------------|--------------|------------------|----------------|----------------|--------------------|----------------|----------------|-----------------|--------------|
| <b>EcoPad, black (175-600 RPM)</b>    |               |        |              |              |                |                  |                  |              |              |              |              |                  |                |                |                    |                |                |                 |              |
| 12" (305 mm)                          | 2             | 5      |              |              |                |                  | ○                |              |              |              |              |                  |                |                | ○                  |                |                |                 | 10001904     |
| 13" (330 mm)                          | 3**/2/1*      | 5      |              | ○            |                |                  |                  | ○            |              |              |              |                  | ○              |                |                    |                | ○              |                 | 10001910     |
| 14" (355 mm)                          | 2/1*          | 5      |              | ○            |                |                  |                  |              | ○            |              |              |                  |                | ○              |                    |                |                |                 | 10001916     |
| 17" (430 mm)                          | 2/1*          | 5      |              |              | ○              |                  |                  |              |              | ○            |              |                  |                |                |                    | ○              |                |                 | 10001938     |
| 21" (530 mm)                          | 1             | 5      |              |              |                | ○                |                  |              |              |              |              |                  |                |                |                    |                |                |                 | 10001961     |
| <b>Pad, white BOOST</b>               |               |        |              |              |                |                  |                  |              |              |              |              |                  |                |                |                    |                |                |                 |              |
| 510 x 356 mm                          | 1             | 5      |              |              |                | ○                |                  |              |              |              |              |                  |                |                |                    |                |                |                 | 997023       |
| 710 x 356 mm                          | 1             | 5      |              |              |                |                  |                  |              |              |              |              | ○                |                |                | ○                  |                |                |                 | 997002       |
| 810 x 356 mm                          | 1             | 5      |              |              |                |                  |                  |              |              |              |              |                  |                |                |                    |                |                |                 | 997005       |
| <b>Pad, red BOOST</b>                 |               |        |              |              |                |                  |                  |              |              |              |              |                  |                |                |                    |                |                |                 |              |
| 510 x 356 mm                          | 1             | 5      |              |              |                | ●                |                  |              |              |              |              |                  |                |                |                    |                |                |                 | 997020       |
| 710 x 356 mm                          | 1             | 5      |              |              |                |                  |                  |              |              |              |              | ●                |                | ●              |                    |                |                |                 | 997001       |
| 810 x 356 mm                          | 1             | 5      |              |              |                |                  |                  |              |              |              |              |                  |                |                |                    |                |                |                 | 997004       |
| <b>Pad, blue BOOST</b>                |               |        |              |              |                |                  |                  |              |              |              |              |                  |                |                |                    |                |                |                 |              |
| 510 x 356 mm                          | 1             | 5      |              |              |                | ○                |                  |              |              |              |              |                  |                |                |                    |                |                |                 | 997021       |
| 710 x 356 mm                          | 1             | 5      |              |              |                |                  |                  |              |              |              |              | ○                |                |                | ○                  |                |                |                 | 997006       |
| 810 x 356 mm                          | 1             | 5      |              |              |                |                  |                  |              |              |              |              |                  |                |                |                    |                |                |                 | 997007       |
| <b>Pad, black BOOST</b>               |               |        |              |              |                |                  |                  |              |              |              |              |                  |                |                |                    |                |                |                 |              |
| 510 x 356 mm                          | 1             | 5      |              |              |                | ○                |                  |              |              |              |              |                  |                |                |                    |                |                |                 | 997022       |
| 710 x 356 mm                          | 1             | 5      |              |              |                |                  |                  |              |              |              |              | ○                |                |                | ○                  |                |                |                 | 997000       |
| 810 x 356 mm                          | 1             | 5      |              |              |                |                  |                  |              |              |              |              |                  |                |                |                    |                |                |                 | 997003       |
| <b>Pad, 3H Hi Pro. BOOST</b>          |               |        |              |              |                |                  |                  |              |              |              |              |                  |                |                |                    |                |                |                 |              |
| 710 x 356 mm                          | 1             | 10     |              |              |                |                  |                  |              |              |              |              | ○                |                |                | ○                  |                |                |                 | 997016       |
| 810 x 356 mm                          | 1             | 10     |              |              |                |                  |                  |              |              |              |              |                  |                |                |                    |                |                |                 | 997017       |
| <b>Pad, Maroon BOOST</b>              |               |        |              |              |                |                  |                  |              |              |              |              |                  |                |                |                    |                |                |                 |              |
|                                       | 1             | 10     |              |              |                |                  |                  |              |              |              |              | ○                |                |                | ○                  |                |                |                 | 997024       |
|                                       | 1             | 10     |              |              |                |                  |                  |              |              |              |              |                  |                |                |                    |                |                |                 | 997018       |
| <b>Velcro, 2 sided for Maroon pad</b> |               |        |              |              |                |                  |                  |              |              |              |              |                  |                |                |                    |                |                |                 |              |
|                                       | 1             | 1      |              |              |                |                  |                  |              |              |              |              |                  |                |                |                    |                |                |                 | 30793A       |
|                                       | 1             | 1      |              |              |                |                  |                  |              |              |              |              |                  |                |                |                    |                |                |                 | 30794A       |
| <b>Pad driver assembly</b>            |               |        |              |              |                |                  |                  |              |              |              |              |                  |                |                |                    |                |                |                 |              |
| 6.5" (165 mm)                         | 2             | 1      | ○            |              |                |                  |                  |              |              |              |              |                  |                |                |                    |                |                |                 | 9097243000   |
| 12" (305 mm)                          | 2             | 1      |              |              |                | ○                |                  |              |              |              |              |                  |                |                |                    |                |                |                 | L08603939    |
| 12.75" (324 mm)                       | 3             | 1      |              |              |                |                  |                  |              |              |              |              |                  |                |                |                    |                |                |                 | 56114241     |
| 13" (330 mm)                          | 2             | 1      |              |              |                |                  |                  | ○            |              |              |              | ○                |                |                |                    |                |                |                 | 38035A       |
| 13.75" (350 mm)                       | 2             | 1      |              |              |                |                  |                  |              |              |              |              |                  |                |                |                    | ○              |                |                 | 56114242     |
| 14" (355 mm)                          | 2             | 1      |              |              |                |                  |                  |              |              | ○            |              |                  |                | ○              |                    |                |                |                 | 38036A       |
| 14" (355 mm)                          | 1             | 1      |              | ○            |                |                  |                  |              |              |              |              |                  |                |                |                    |                |                |                 | 909 5331 000 |
| 16.75" (425 mm)                       | 2             | 1      |              |              |                |                  |                  |              |              |              |              |                  |                |                |                    |                | ○              |                 | 56114243     |
| 17" (430 mm)                          | 1             | 1      |              | ○            |                |                  |                  |              |              |              |              |                  |                |                |                    |                |                |                 | 909 5695 000 |
| 17" (430 mm)                          | 2             | 1      |              |              |                |                  |                  |              |              | ○            |              |                  |                |                |                    |                |                |                 | 38034A       |
| 21" (530 mm)                          | 1             | 1      |              |              | ○              |                  |                  |              |              |              |              |                  |                |                |                    |                |                |                 | L08837018    |

# Pads and pad drivers for scrubber dryers



SCRUBTEC 233  
SCRUBTEC 234 C  
SCRUBTEC 337  
SCRUBTEC 343.2  
SCRUBTEC 553 / 651 C / 653 / BOOST 5  
SCRUBTEC 661  
SCRUBTEC 866  
SCRUBTEC 871 / 871 C / BOOST 8  
SCRUBTEC 886  
SCRUBTEC R 4 / BOOST R 4  
SCRUBTEC R 671  
SCRUBTEC R 671 C  
SCRUBTEC R 686  
SCRUBTEC R 6100

| Squeegee and squeegee blades | Pieces needed |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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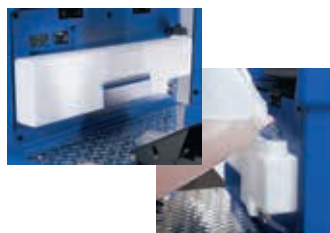
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○ Can be used. (Items included as standard can be seen on the machine pages)  
● Standard equipment

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# Accessories for scrubber dryers



| Other options                                         | Pieces needed | SCRUBTEC 233 | SCRUBTEC 234 C | SCRUBTEC 337 | SCRUBTEC 343 2 | SCRUBTEC 553 | SCRUBTEC BOOST 5 | SCRUBTEC 651 C | SCRUBTEC 653 | SCRUBTEC 661 | SCRUBTEC 866 / 871 / 871 C / 886 / BOOST 8 | SCRUBTEC R 466 | SCRUBTEC R 471 | SCRUBTEC BOOST R 4 | SCRUBTEC R 671 / R 671 C / R 686 | SCRUBTEC R 6100 | Item No.     |
|-------------------------------------------------------|---------------|--------------|----------------|--------------|----------------|--------------|------------------|----------------|--------------|--------------|--------------------------------------------|----------------|----------------|--------------------|----------------------------------|-----------------|--------------|
| <b>Chemical mixing system kit</b>                     |               |              |                |              |                |              |                  |                |              |              |                                            |                |                |                    |                                  |                 |              |
| Chemical mixing system SCRUBTEC 5                     | 1             |              |                |              |                | ○            | ○                |                |              |              |                                            |                |                |                    |                                  |                 | 9097163000   |
| Chemical mixing system SCRUBTEC 6                     | 1             |              |                |              |                |              |                  | ○              | ○            | ○            |                                            |                |                |                    |                                  |                 | 9097160000   |
| Chemical mixing system SCRUBTEC 8                     | 1             |              |                |              |                |              |                  |                |              |              | ○                                          |                |                |                    |                                  |                 | 11363A       |
| Chemical mixing system SCRUBTEC R 4                   | 1             |              |                |              |                |              |                  |                |              |              |                                            | ○              | ○              | ○                  |                                  |                 | 9099069000   |
| Chemical mixing system SCRUBTEC R 6                   | 1             |              |                |              |                |              |                  |                |              |              |                                            |                |                |                    | ○                                | ○               | 56114088     |
| <b>Carpet kit</b>                                     |               |              |                |              |                |              |                  |                |              |              |                                            |                |                |                    |                                  |                 |              |
| Carpet/hard floor kit                                 | 1             | ○            |                |              |                |              |                  |                |              |              |                                            |                |                |                    |                                  |                 | 9097575000   |
| Kit - Vacuum wand with caddy                          | 1             |              |                |              |                |              |                  |                |              |              |                                            |                |                |                    | ○                                | ○               | 56601087     |
| <b>Warning and safety kits</b>                        |               |              |                |              |                |              |                  |                |              |              |                                            |                |                |                    |                                  |                 |              |
| Warning light strobe Amber                            | 1             |              |                |              |                |              |                  |                |              |              |                                            |                |                |                    |                                  |                 | 10877A       |
| Warning light beacon flashing                         | 1             |              |                |              |                |              |                  |                |              |              |                                            | ○              | ○              | ○                  |                                  |                 | 9098937000   |
| Filter for float ball cage "Antifoaming"              | 1             |              | ○              | ○            | ○              | ○            | ○                | ○              | ○            | ○            |                                            | ○              | ○              | ○                  |                                  |                 | 909 5065 000 |
| Seat belt                                             | 1             |              |                |              |                |              |                  |                |              |              |                                            |                |                |                    |                                  |                 | 53572A       |
| Parking brake, secondary (manual engagement)          | 1             |              |                |              |                |              |                  |                |              | ○            |                                            |                |                |                    |                                  |                 | 11372A       |
| Kit, Warning Beacon                                   | 1             |              |                |              |                |              |                  |                |              |              |                                            |                |                |                    | ○                                | ○               | 56114253     |
| Kit, Seat Belt                                        | 1             |              |                |              |                |              |                  |                |              |              |                                            |                |                |                    | ○                                | ○               | 56422162     |
| <b>Wheel options</b>                                  |               |              |                |              |                |              |                  |                |              |              |                                            |                |                |                    |                                  |                 |              |
| Traction wheel, oil-resistant, Ø200 mm for SCRUBTEC 5 | 1             |              |                |              |                | ○            | ○                |                |              |              |                                            |                |                |                    |                                  |                 | 9097032000   |
| Traction wheel, oil-resistant, Ø300 mm for SCRUBTEC 6 | 1             |              |                |              |                |              |                  | ○              | ○            | ○            |                                            |                |                |                    |                                  |                 | 9097026000   |
| Soft casters for SCRUBTEC 6                           | 1             |              |                |              |                |              |                  |                |              |              |                                            |                |                |                    | ○                                | ○               | 9098947000   |
| Soft casters dual assembly for SCRUBTEC 8             | 1             |              |                |              |                |              |                  |                |              | ○            |                                            |                |                |                    |                                  |                 | 909 5511 000 |
| <b>Brush deck kits</b>                                |               |              |                |              |                |              |                  |                |              |              |                                            |                |                |                    |                                  |                 |              |
| Brush deck kit SCRUBTEC 651 C                         | 1             |              |                |              |                | ○            | ○                | ●              | ○            | ○            |                                            |                |                |                    |                                  |                 | 909 6854 000 |
| Brush deck kit SCRUBTEC 553/653                       | 1             |              |                |              |                | ●            | ○                | ○              | ●            | ○            |                                            |                |                |                    |                                  |                 | 9097177000   |
| Brush deck kit SCRUBTEC 661                           | 1             |              |                |              |                | ○            | ○                | ○              | ○            | ●            |                                            |                |                |                    |                                  |                 | 9097179000   |
| Brush deck kit SCRUBTEC R 466                         | 1             |              |                |              |                |              |                  |                |              |              |                                            | ●              | ○              |                    |                                  |                 | 9098741000   |
| Brush deck kit SCRUBTEC R 471                         | 1             |              |                |              |                |              |                  |                |              |              |                                            | ○              | ●              |                    |                                  |                 | 9098742000   |
| <b>Extra powerful vacuum kit</b>                      |               |              |                |              |                |              |                  |                |              |              |                                            |                |                |                    |                                  |                 |              |
| Powerful vacuum kit                                   | 1             |              |                |              |                |              |                  |                |              |              |                                            | ○              | ○              | ○                  |                                  |                 | 9098455000   |
| Kit dual, Vacuum motor                                | 1             |              |                |              |                |              |                  |                |              |              |                                            |                |                |                    | ○                                | ○               | 56114245     |
| <b>Others</b>                                         |               |              |                |              |                |              |                  |                |              |              |                                            |                |                |                    |                                  |                 |              |
| Kit - vacuum sound reduction                          | 1             |              |                |              |                |              |                  |                |              |              |                                            |                |                |                    | ○                                | ○               | 56114246     |
| Kit - seat armrest                                    | 1             |              |                |              |                |              |                  |                |              |              |                                            |                |                |                    | ○                                | ○               | 7-03-04249   |
| Brush install tool                                    | 1             |              |                |              |                |              |                  |                |              |              |                                            |                |                |                    | ○                                |                 | 56114379     |

↑ Item no. always consists of one piece.

○ Can be used. (Items included as standard can be seen on the machine pages)  
● Standard equipment



| Standard equipment & options        | Pieces needed | BK 900 | FLOORTEC 350 B | FLOORTEC 560 B / P | FLOORTEC R 360 B / P | FLOORTEC R 670 B / P | FLOORTEC R 680 B | Item No.     |
|-------------------------------------|---------------|--------|----------------|--------------------|----------------------|----------------------|------------------|--------------|
| Broom main, standard                | 1             | ●      |                |                    |                      |                      |                  | 60642        |
|                                     | 1             |        | ●              |                    |                      |                      |                  | 1463174000   |
|                                     | 1             |        |                | ●                  | ●                    |                      |                  | 146 0748 000 |
|                                     | 1             |        |                |                    |                      | ●                    |                  | 145 4879 000 |
|                                     | 1             |        |                |                    |                      |                      | ●                | 146 1018 000 |
| Broom main, nylon                   | 1             |        |                | ○                  | ○                    |                      |                  | 146 0752 000 |
| Broom main, polypropylene           | 1             |        | ○              |                    |                      |                      |                  | 146 3015 000 |
|                                     | 1             |        |                | ○                  | ○                    |                      |                  | 146 0751 000 |
| Broom main, mix steel               | 1             |        |                |                    |                      | ○                    |                  | 145 4963 000 |
|                                     | 2             |        |                |                    | ○                    |                      |                  | 145 4957 000 |
|                                     | 2             |        |                | ○                  | ○                    |                      |                  | 146 0750 000 |
| Broom main, carpet / natural fiber  | 1             |        |                |                    |                      | ○                    |                  | 145 6080 000 |
|                                     | 1             |        |                | ○                  | ○                    |                      |                  | 146 0753 000 |
|                                     | 1             |        | ○              |                    |                      |                      |                  | 146 3016 000 |
| natural fiber                       | 1             |        |                |                    |                      | ○                    |                  | 145 6135 000 |
| Side brooms, standard               | 1             | ●      |                |                    |                      |                      |                  | 60641        |
|                                     | 1             |        | ●              |                    |                      |                      |                  | 146 3035 000 |
|                                     | 1/2 *         |        |                | ●                  | ●                    |                      |                  | 145 1899 000 |
|                                     | 2             |        |                |                    |                      | ●                    |                  | 1463952000   |
| Side brooms, mixed steel            | 1             |        |                |                    |                      | ○                    |                  | 145 4963 000 |
|                                     | 1/2 *         |        |                | ○                  | ○                    |                      |                  | 145 4959 000 |
| Side brooms, carpet / natural fiber | 1             |        |                |                    |                      | ○                    |                  | 146 1148 000 |
|                                     | 1             |        |                |                    | ○                    |                      |                  | 1463969000   |
|                                     | 1/2 *         |        |                | ○                  | ○                    |                      |                  | 145 4976 000 |
| black nylon carpet                  | 2             |        | ○              |                    |                      |                      |                  | 146 3036 000 |
| Filter                              | 1             |        |                |                    | ●                    | ●                    |                  | 1463523000   |
|                                     | 1             |        |                | ●                  |                      |                      |                  | 146 1888 000 |
|                                     | 1             |        | ●              |                    |                      |                      |                  | 145 4806 000 |
|                                     | 1             | ●      |                |                    |                      |                      |                  | 1463161000   |
| polyester                           | 1             |        | ○              |                    |                      |                      |                  | 145 4746 000 |
| polyester antistatic                | 1             |        | ○              |                    |                      |                      |                  | 146 0368 000 |
| pre filter                          | 1             |        | ○              |                    |                      |                      |                  | 146 0782 000 |
| polyester                           | 1             |        | ○              |                    |                      |                      |                  | 146 1988 000 |
| polyester antistatic                | 1             |        | ○              |                    |                      |                      |                  | 146 1889 000 |
| polyester                           | 1             |        |                |                    | ○                    |                      |                  | 146 2759 000 |
| polyester antistatic                | 1             |        |                |                    | ○                    |                      |                  | 145 6013 000 |
| pre filter                          | 1             |        |                |                    | ○                    |                      |                  | 146 2731 000 |
| pocket filter with filter shaker    | 1             |        |                |                    | ○                    |                      |                  | 146 2677 000 |

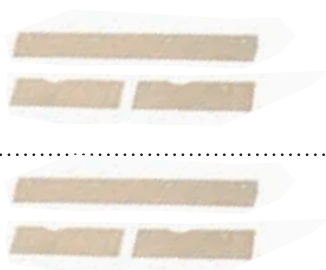
↑ Item no. always consists of one piece.

○ Can be used. (Items included as standard can be seen on the machine pages)  
● Standard equipment

\* FLOORTEC 560 only need one

Please enter [www.nilfisk-alto.com](http://www.nilfisk-alto.com) to see videos and other features for our products.

# Accessories for sweepers



| Options                                       | Pieces needed | BK 900 | FLOORTEC 350 | FLOORTEC 560 B / P | FLOORTEC R 360 B / P | FLOORTEC R 670 B / P | FLOORTEC R 680 B | Item No.     |
|-----------------------------------------------|---------------|--------|--------------|--------------------|----------------------|----------------------|------------------|--------------|
| Skirts non marking kit (side, rear and front) | 1             |        |              |                    |                      | ○                    |                  | 146 2744 000 |
|                                               | 1             |        | ○            |                    |                      |                      |                  | 1463167000   |
| <b>Skirt non marking</b>                      |               |        |              |                    |                      |                      |                  |              |
| Skirt non marking, side                       | 2             |        |              |                    |                      | ○                    |                  | 146 1150 000 |
| Skirt non marking, rear                       | 1             |        |              |                    |                      | ○                    |                  | 146 1151 000 |
| Skirt non marking                             | 1             |        |              |                    |                      | ○                    |                  | 146 1152 000 |
| Skirt non marking, side                       | 2             |        | ○            |                    |                      |                      |                  | 146 0587 000 |
| Skirt non marking, rear                       | 1             |        | ○            |                    |                      |                      |                  | 146 0743 000 |
| <b>Other options</b>                          |               |        |              |                    |                      |                      |                  |              |
| Wheel with brake                              | 1             |        | ○            |                    |                      |                      |                  | 146 0569 000 |
| Wheel, front, non marking                     | 1             |        |              |                    |                      | ○                    |                  | 146 0329 000 |
| Wheel, rear, non marking                      | 2             |        |              |                    |                      | ○                    |                  | 146 0330 000 |
| Wheel, front, non marking                     | 1             |        |              |                    |                      | ○                    |                  | 146 2745 000 |
| Wheel, rear, non marking                      | 2             |        |              |                    |                      | ○                    |                  | 146 2746 000 |
|                                               |               |        |              |                    |                      |                      |                  |              |
| Light, working kit                            | 1             |        |              | ○                  |                      |                      |                  | 146 2663 000 |
| Working light                                 | 1             |        |              |                    |                      | ○                    |                  | 146 2680 000 |
|                                               |               |        |              |                    |                      |                      |                  |              |
| Warning beacon flash                          | 1             |        |              | ○                  |                      |                      |                  | 146 2659 000 |
| Warning beacon flash                          | 1             |        |              |                    |                      | ○                    |                  | 146 2692 000 |
| Warning beacon flash                          | 1             |        |              |                    |                      | ○                    |                  | 146 2676 000 |
| Warning beacon flash for overhead guard       | 1             |        |              |                    |                      | ○                    |                  | 146 2098 000 |
|                                               |               |        |              |                    |                      |                      |                  |              |
| Carpet kit                                    | 1             |        | ○            |                    |                      |                      |                  | 1463171000   |
| Carpet kit                                    | 1             |        |              | ○                  |                      |                      |                  | 146 2102 000 |
| Carpet kit                                    | 1             |        |              |                    |                      | ○                    |                  | 1464101000   |
|                                               |               |        |              |                    |                      |                      |                  |              |
| Charger on-board                              | 1             |        |              | ○                  | ○                    |                      |                  | 146 2052 000 |
|                                               | 1             |        |              | ○                  |                      |                      |                  | 146 0635 000 |
|                                               |               |        |              |                    |                      |                      |                  |              |
| Filter sharker kit (battery versions only)    | 1             |        | ○            |                    |                      |                      |                  | 146 2670 000 |
|                                               |               |        |              |                    |                      |                      |                  |              |
| Reverse alarm                                 | 1             |        |              | ○                  |                      |                      |                  | 146 2661 000 |
| Overhead guard kit                            | 1             |        |              |                    |                      | ○                    |                  | 146 2735 000 |
| Overhead guard kit                            | 1             |        |              |                    |                      | ○                    |                  | 146 2674 000 |
|                                               |               |        |              |                    |                      |                      |                  |              |
| Side broom protection kit                     | 1             |        |              | ○                  |                      |                      |                  | 146 2876 000 |
| Broom, left side kit                          | 1             |        |              |                    |                      | ○                    |                  | 1463489000   |
|                                               |               |        |              |                    |                      |                      |                  |              |
| Kit mini containers                           | 1             |        |              | ○                  |                      |                      |                  | 1463981000   |
| Kit broom bumper right                        | 1             |        |              | ○                  |                      |                      |                  | 1464058000   |
| Kit broom bumper left                         | 1             |        |              | ○                  |                      |                      |                  | 1464105000   |

↑ Item no. always consists of one piece.

○ Can be used. (Items included as standard can be seen on the machine pages)  
● Standard equipment



# Accessories for polishers & burnisher



| Accessories                   | Pieces needed | Packed | SPINTEC 443 | SPINTEC 443 DS | SPINTEC 443 H | SPINTEC 551 UH | Item No. |
|-------------------------------|---------------|--------|-------------|----------------|---------------|----------------|----------|
| <b>Pad driver Super Grip</b>  |               |        |             |                |               |                |          |
| Pad driver                    | 1             |        | ○           | ○              | ○             |                | 11316A   |
| <b>Pads (175-600 RPM)</b>     |               |        |             |                |               |                |          |
| White 17" (Ø 430 mm)          | 1             | 5      | ○           | ○              | ○             |                | 10001936 |
| White 20" (Ø 510 mm)          | 1             | 5      |             |                | ○             |                | 10001960 |
| Red 17" (Ø 430 mm)            | 1             | 5      | ○           | ○              | ○             |                | 10001941 |
| Red 20" (Ø 510 mm)            | 1             | 5      |             |                | ○             |                | 10001959 |
| Blue 17" (Ø 430 mm)           | 1             | 5      | ○           | ○              | ○             |                | 10001939 |
| Blue 20" (Ø 510 mm)           | 1             | 5      |             |                | ○             |                | 10001956 |
| Brown 17" (Ø 430 mm)          | 1             | 5      | ○           | ○              | ○             |                | 10001971 |
| Brown 20" (Ø 510 mm)          | 1             | 5      |             |                | ○             |                | 10001957 |
| Black 17" (Ø 430 mm)          | 1             | 5      | ○           | ○              | ○             |                | 10001938 |
| Black 20" (Ø 510 mm)          | 1             | 5      |             |                | ○             |                | 10001955 |
| <b>Brush Light to medium</b>  |               |        |             |                |               |                |          |
|                               |               |        | ○           | ○              |               |                | 11298A   |
| <b>Brush Polishing</b>        |               |        |             |                |               |                |          |
|                               |               |        | ○           | ○              |               |                | 11296A   |
| <b>Brush Medium cleaning</b>  |               |        |             |                |               |                |          |
|                               |               |        | ○           | ○              |               |                | 11299A   |
| <b>Brush Heavy cleaning</b>   |               |        |             |                |               |                |          |
|                               |               |        | ○           | ○              |               |                | 11310A   |
| <b>Carpet</b>                 |               |        |             |                |               |                |          |
|                               |               |        | ○           | ○              |               |                | 11297A   |
| <b>Spray buff attachment</b>  |               |        |             |                |               |                |          |
|                               |               |        | ○           | ○              | ○             |                | 11295A   |
| <b>Solution tank assembly</b> |               |        |             |                |               |                |          |
|                               |               |        | ○           | ○              |               |                | 10104A   |
| <b>Foam generator</b>         |               |        |             |                |               |                |          |
|                               |               |        | ○           | ○              |               |                | 11294A   |

It is a quicker,  
easier and more  
effective way to  
clean with our  
detergents





# Why and how to use detergents

Use of detergents makes cleaning quicker and easier. The chemical compounds break down and bind the dirt particles. Imagine cleaning grease and oil from your hands or dishes without the help of soap or washing liquid? Of course not. The same principle applies to detergents for use with cleaning equipment.



## Detergents thus offer big benefits:

- Speed the cleaning process.
- Reduce time and thus labour and energy costs.
- Reduce water consumption by reducing cleaning time.
- Save money!
- Protect surfaces : use of detergents means you may be able to avoid higher pressures or mechanical cleaning effects, leaving surfaces intact.
- Certified Quality: Confirmed by internationally recognized institutes.

## Why use Nilfisk-ALTO detergents:

- All products have been developed by Nilfisk-ALTO.
- Nilfisk-ALTO detergents are ecological, 80% of the tensides are 100% biodegradable within 14 days.
- Some detergents are formulated with anti-corrosion compounds that protect the lifetime of the equipment.
- All detergents are tested on our equipment – ensuring that parts do not corrode or get damaged by contact with the chemicals. Warranty is thus assured.

Nilfisk-ALTO not only ensures the quality and performance of our detergents but also the compliance with the latest legislations such as REACH and GHS.





# The equipment for your detergent application



## Perfect solution when high accuracy is required

Detergent can be applied simply using the products inbuilt equipment (injectors etc). On a pressure washer, however, external – or down-stream – injectors may offer several advantages:

- Avoid passing detergent through the pressure washer components.
- Allow the user to turn on-off easily.
- Reduce the time between detergent shut-off and the actual stop.
- Can be placed closer to the work zone, allowing refilling and switch on/off more easily.
- Be more adapted to certain, aggressive chemicals.



The simple foam sprayer system can be easily attached to most machine's spray guns and provides a simple and effective way to obtain thick foam in order to increase the detergent's cleaning effect.



In addition with a foam injector, the foam lance will assure an air intake into the water/chemical stream, giving a thick foam. The foam will adhere to the surface to be cleaned, increasing the contact with the dirt and thus the cleaning effect. Foam also allows excellent visibility of areas already sprayed by detergent – and thus reduces waste and cost.



# Detergents - VEHICLE CLEANING



## Prewash

| Product                                                                        | Soiling | Fields of application                                                        | Technique | Size                      | Item No.                   |
|--------------------------------------------------------------------------------|---------|------------------------------------------------------------------------------|-----------|---------------------------|----------------------------|
| <b>RIM TOP</b><br>Basic rim cleaner.<br>Dilution: 5-10%; pH: 2.5 (1% solution) | ▼<br>●  | Cleaning of steel and light alloy wheel rims.                                |           | 10 L                      | 80935                      |
| <b>ALLOSIL</b><br>Coarse dirt remover.<br>Dilution: 1-5%; pH: 10 (1% solution) | ●<br>■  | Precleaning or main cleaning of cars, trucks, busses, fork-lift trucks, etc. |           | 4 x 2.5 L<br>10 L<br>25 L | 25000202<br>81237<br>81209 |



## Main wash

|                                                                                                    |             |                                                                                                                            |  |                                                |                                              |
|----------------------------------------------------------------------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------|----------------------------------------------|
| <b>ACTIVE SHAMPOO</b><br>Foam cleaner – neutral.<br>Dilution: 0.1-0.5%; pH: 7 (1% solution)        | ●           | Cleaning of cars, particularly in brush washing installations, but also in high-pressure and self-service car washes, etc. |  | 25 L<br>220 kg                                 | 81216<br>80874                               |
| <b>SUPER PLUS</b><br>Foam cleaner – alkaline.<br>Dilution: 0.1-0.5%; pH: 10.5 (1% solution)        | ●<br>■      | Cleaning of cars, trucks, busses and commercial vehicles in self-service car washes or by high pressure washer.            |  | 4 x 2.5 L<br>10 L<br>25 L<br>220 kg<br>1000 kg | 25000204<br>81170<br>81220<br>81083<br>81093 |
| <b>PROWASH P</b><br>Foam cleaner – alkaline/powder.<br>Dilution: 0.05-0.2%; pH: 10.7 (1% solution) | ●<br>■      | Cleaning of cars, trucks, busses and commercial vehicles in self-service car washes or by high pressure washer.            |  | 25 kg                                          | 80825                                        |
| <b>AUTOACTIVE</b><br>Shampoo.<br>Dilution: 0.1-0.5%; pH: 9.5 (1% solution)                         | ●<br>■      | Cleaning of cars, trucks, busses and commercial vehicles in self-service car washes or by high pressure washer.            |  | 4 x 2.5 L<br>10 L<br>25 L<br>220 kg<br>1000 kg | 25000205<br>81136<br>81218<br>80748<br>80833 |
| <b>ACTIVE FOAM</b><br>Shampoo and wax effect – neutral.<br>Dilution: 0.1-0.5%; pH: 7 (1% solution) | ●           | Cleaning of cars in brush washing installations with feeble or too short drying zone.                                      |  | 25 L                                           | 81217                                        |
| <b>SAPPHIRE</b><br>Shampoo and wax effect – alkaline.<br>Dilution: 0.1-0.5%; pH: 10 (1% solution)  | ●<br>■      | Cleaning of cars, trucks, busses and commercial vehicles in self-service car washes or by high pressure washer.            |  | 4 x 2.5 L<br>10 L<br>25 L                      | 25000206<br>81180<br>81219                   |
| <b>ACIDO</b><br>Special cleaner.<br>Dilution: 1-3%; pH: 2 (1% solution)                            | ▼<br>●<br>★ | Special cleaning of trucks, commercial vehicles, tarpaulins, boxes, washing bays, etc.                                     |  | 4 x 2.5 L<br>10 L<br>25 L                      | 25000203<br>81204<br>81205                   |
| <b>INSECT REMOVER AL</b><br>Alkaline insect remover.<br>Dilution: 1-5 %; pH: 9.7 (1%)              | ■<br>●      | Removal of insects from windscreens and care bodywork.                                                                     |  | 25 L                                           | 308000151                                    |
| <b>TRUCK CLEANER AL</b><br>Alkaline cleaner.<br>Dilution: 0.3-0.5%; pH: 9.8 (1%)                   | ■<br>●      | Removal of greases, oil, mineral dirt. Cleaning of trucks and busses.                                                      |  | 25 L                                           | 308000153                                    |



## Care & conservation

|                                                                                                |   |                                                                                        |  |              |                |
|------------------------------------------------------------------------------------------------|---|----------------------------------------------------------------------------------------|--|--------------|----------------|
| <b>QUICK DRY</b><br>Drying aid – concentrated.<br>Dilution: 0.05-0.2%; pH: 5 (1% solution)     | ◆ | For care and quick drying of vehicles in self-service and brush washing installations. |  | 25 L         | 81221          |
| <b>ACTIVE WAX</b><br>Conservation agent with waxes.<br>Dilution: 0.1-0.2%; pH: 5 (1% solution) | ◆ | For care and quick drying of vehicles in self-service and brush washing installations. |  | 10 L<br>25 L | 81177<br>81222 |

Explanation of symbols: \* Suitable, but not for continuous use.  
Please read the product description carefully!

■ Greases, oils, soot, proteins, blood

● Sand, dirt, light oil and grease

▼ Lime, rust, cement

★ Bacteria, viruses, fungi

◆ Care, conservation, gloss, machine protection





## Industrial floors and working surfaces

| Product                                                                                                | Soiling     | Fields of application                                                                                                              | Technique | Size                                           | Item No.                                    |
|--------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------|---------------------------------------------|
| <b>ACIDO</b><br>All-round cleaner – acid.<br>Dilution: 1-10%; pH: 2 (1% solution)                      | ▼<br>●<br>★ | Rust transformer/rust dissolver, lime/cement haze remover in trade and industry; disinfectant agent in foodstuffs related sectors. | <br><br>  | 4 x 2.5 L<br>10 L<br>25 L                      | 25000203<br>81204<br>81205                  |
| <b>UNIVERSAL</b><br>All-round cleaner – neutral.<br>Dilution: 0.5-10%; pH: 7 (1% solution)             | ●           | Various cleaning tasks on a wide range of particularly delicate surfaces in trade and industry.                                    | <br><br>  | 4 x 2.5 L<br>10 L<br>25 L                      | 25000213<br>80930<br>81225                  |
| <b>J 25 MULTI</b><br>All-round cleaner – alkaline.<br>Dilution: 1-10%; pH: 9.5 (1% solution)           | ●<br>■      | Cleaning of industrial and commercial floors, motor vehicles, steel parts, motors/machines, walls, facades, working surfaces, etc. | <br><br>  | 4 x 2.5 L<br>10 L<br>25 L<br>220 kg<br>1000 kg | 25000214<br>80923<br>81228<br>8418<br>81171 |
| <b>COMBI ACTIVE</b><br>All-round cleaner – strongly alkaline.<br>Dilution: 1-10%; pH: 13 (1% solution) | ■           | Cleaning of sturdy industrial floors, steel parts, motors/machines, working surfaces, etc.                                         | <br><br>  | 10 L<br>25 L<br>220 kg<br>1000 kg              | 81172<br>81229<br>8316<br>81053             |
| <b>SHAMPOO P</b><br>All-round cleaner – powder.<br>Dilution: 0.3-1%; pH: 10.7 (1% solution)            | ■           | Cleaning of industrial and commercial floors, motor vehicles, steel parts, motors/machines, walls, facades, working surfaces, etc. | <br><br>  | 25 kg                                          | 8385                                        |



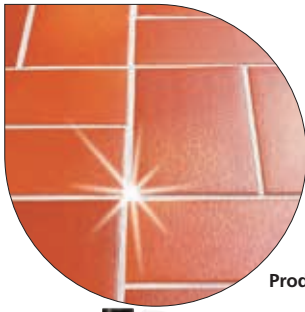
## Various applications

|                                                                                                                                             |             |                                                                                                                                                          |          |                |                |
|---------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------------|----------------|
| <b>DES 3000</b><br>Disinfection cleaner.<br>Dilution: 1-5%; pH: 9.5 (1% solution)                                                           | ●<br>■<br>★ | Floor and hard surface cleaning in slaughterhouses, bakeries, butchers' shops, cheese-making plants, canteens, agriculture, pharmaceuticals plants, etc. | <br><br> | 25 L           | 81241          |
| <b>ALKAFOAM</b><br>Foam cleaner.<br>Dilution: 1-5%; pH: 12 (1% solution)                                                                    | ●<br>■      | Hard surface cleaning of machines, walls, working surfaces and tiles, etc., particularly in slaughterhouses and butchers' shops.                         | <br><br> | 25 L<br>220 kg | 81231<br>81240 |
| <b>PHOSPHAT</b><br>Phosphating agent.<br>Dilution: 0.5-1%; pH: 5.5 (1% solution)                                                            | ●<br>■      | Temporary corrosion protection for iron parts in metal processing plants.                                                                                |          | 25 L           | 81232          |
| <b>BACTERIA STOP</b><br>Disinfection agent.<br>Dilution: 0.015-0.08%; pH: 6 (0.015% solution)                                               | ★           | For combating bacteria in phosphating baths.                                                                                                             |          | 6 x 1 L        | 105301605      |
| <b>UNIKAL PLUS</b><br>Solvent-based cold cleaner.<br>Dilution: apply neat; pH: not applicable                                               | ■           | Metal processing plants and workshops.                                                                                                                   | <br>     | 10 L<br>25 L   | 81173<br>81234 |
| <b>CONSEX FORTE</b><br>Motor vehicle conservation agent remover.<br>Dilution: apply neat; pH: not applicable                                | ■           | Wax and preservative removal from motor vehicles in metal processing plants.                                                                             | <br><br> | 25 L           | 81223          |
| <b>SUPER BLAST P</b><br>Sandblasting agent for high-pressure units.<br>Dilution: apply neat via wet spraying attachment; pH: not applicable | ▼           | Rust and paint removal and smoothing of sturdy industrial and commercial surfaces.                                                                       |          | 25 kg          | 8379           |
| <b>ARMEX</b><br>Abrasive agent for "Soft Blasting", baking soda and slightly alkaline.<br>pH: 8.2 (1% Solution)                             | ■           | Cars and buses, trucks and vans, hard floor, metal industry and special purpose.                                                                         |          | 25 kg          | 5218617        |

\* Suitable, but not for continuous use.  
Please read the product description carefully!

Phosphating plants Automatic floor cleaners Single-disc machines Manual cleaning Consumer high pressure washers

# Detergents - FLOOR CARE



## Hard floors

| Product                                                                                                  | Soiling | Fields of application                                                                                                                    | Technique | Size                                           | Item No.                                         |
|----------------------------------------------------------------------------------------------------------|---------|------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------|--------------------------------------------------|
| <b>QUICK FRESH</b><br>Maintenance cleaner with refreshing effect.<br>Dilution: 1-5%; pH: 7 (1% solution) | ●       | Daily floor cleaning in hotels, restaurants, car showrooms, office buildings, supermarkets, schools, exhibition rooms, DIY markets, etc. |           | 4 x 2.5 L<br>10 L<br>25 L                      | 25000208<br>81074<br>81226                       |
| <b>WAX CLEAN</b><br>Maintenance cleaner with gloss effect<br>Dilution: 1-3%; pH: 7 (1% solution)         | ●       | Daily floor cleaning in hotels, restaurants, car showrooms, office buildings, supermarkets, schools, exhibition rooms, DIY markets, etc. |           | 4 x 2.5 L<br>10 L                              | 25000211<br>81212                                |
| <b>INTENSIVE</b><br>All-round cleaner.<br>Dilution: 3-10%; pH: 9.3 (1% solution)                         | ●<br>■  | Various cleaning applications on a wide range of surfaces in trade and industry.                                                         |           | 4 x 2.5 L<br>10 L<br>25 L<br>220 kg<br>1000 kg | 25000209<br>81137<br>81227<br>80804<br>80840     |
| <b>TORNADO</b><br>Basic cleaner.<br>Dilution: 3-10%; pH: 11 (1% solution)                                | ■       | Basic cleaning of sturdy commercial and industrial floors for removing coatings, films or very severe soiling.                           |           | 4 x 2.5 L<br>10 L<br>25 L<br>220 kg<br>1000 kg | 25000210<br>80940<br>81230<br>80491<br>308000055 |
| <b>ACTIVE ACID</b><br>Rust and cement haze remover.<br>Dilution: 1-5%; pH: 1.5 (1% solution)             | ■<br>▼  | Special cleaning of sturdy commercial and industrial floors.                                                                             |           | 25 L                                           | 81224                                            |
| <b>SPOT-EX</b><br>Rubber scuff mark remover.<br>Dilution: apply neat; pH: 6 (1% solution)                | ■       | Floor cleaning in warehouses, workshops, DIY markets, supermarkets, industrial buildings with stacker and rubber markings.               |           | 6 x 1 L<br>10 L                                | 81316<br>81207                                   |



## Textile floors

|                                                                                        |   |                                                                                                                  |  |                              |                           |
|----------------------------------------------------------------------------------------|---|------------------------------------------------------------------------------------------------------------------|--|------------------------------|---------------------------|
| <b>TOP WASH</b><br>Spray extraction cleaner.<br>Dilution: 1-5%; pH: 8 (1% solution)    | ● | Textile and hard floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc. |  | 4 x 2.5 L<br>6 x 1 L<br>10 L | 25000215<br>8467<br>80937 |
| <b>TOP WASH P</b><br>Spray extraction cleaner.<br>Dilution: 1-5%; pH: 10 (1% solution) | ● | Textile floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc.          |  | 6 x 1 kg<br>8 kg             | 81100<br>81033            |



## Care

|                                                                                            |   |                                                                                                                            |  |                   |                   |
|--------------------------------------------------------------------------------------------|---|----------------------------------------------------------------------------------------------------------------------------|--|-------------------|-------------------|
| <b>PRO GLOSS</b><br>Floor gloss emulsion.<br>Dilution: apply neat; pH: 7 (1% solution)     | ◆ | Floor sealing with gloss effect in schools, hotels, car showrooms, restaurants, supermarkets, medical practices, etc.      |  | 4 x 2.5 L<br>10 L | 25000212<br>81078 |
| <b>PROTECTOR</b><br>Floor polymer dispersion.<br>Dilution: apply neat; pH: 7 (1% solution) | ◆ | Floor sealing for lasting protection in schools, hotels, car showrooms, restaurants, supermarkets, medical practices, etc. |  | 10 L              | 81077             |



## Ancillary products

|                                                                                                       |   |                                                                                       |  |         |       |
|-------------------------------------------------------------------------------------------------------|---|---------------------------------------------------------------------------------------|--|---------|-------|
| <b>FOAM STOP</b><br>Anti-foaming agent.<br>Dilution (waste water tank): 0.05%;<br>pH: 7 (1% solution) | ◆ | Foam combating for cleaning tasks with extreme foam development in the recovery tank. |  | 6 x 1 L | 8469  |
| <b>ODOUR STOP</b><br>Odour combating agent.<br>Dilution: 2-10%; pH: 7 (1% solution)                   |   | Odour combating on surfaces and in machines in trade and industry.                    |  | 1 L     | 81176 |

Explanation of symbols: \* Suitable, but not for continuous use.  
Please read the product description carefully!

■ Greases, oils, soot, proteins, blood

● Sand, dirt, light oil and grease

▼ Lime, rust, cement

★ Bacteria, viruses, fungi

◆ Care, conservation, gloss, machine protection



| High pressure unit | Product                                                                  | Soiling | Fields of application                                                 | Technique | Size    | Item No. |
|--------------------|--------------------------------------------------------------------------|---------|-----------------------------------------------------------------------|-----------|---------|----------|
|                    | ANTI STONE                                                               | ◆       | Mobile and stationary high pressure washers and comparable systems.   |           | 6 x 1 L | 8466     |
|                    | Scaling protection agent. Dilution:                                      |         |                                                                       |           | 10 L    | 80919    |
|                    | Pour neat into the scaling protection agent tanks; pH: 7.5 (1% solution) |         |                                                                       |           | 25 L    | 81235    |
|                    |                                                                          |         |                                                                       |           |         |          |
|                    |                                                                          |         |                                                                       |           |         |          |
|                    |                                                                          |         |                                                                       |           |         |          |
|                    |                                                                          |         |                                                                       |           |         |          |
|                    |                                                                          |         |                                                                       |           |         |          |
|                    |                                                                          |         |                                                                       |           |         |          |
| Washing systems    | STONE EX                                                                 | ▼       | Mobile and stationary high pressure washers and comparable systems.   |           | 10 L    | 81191    |
|                    | Descaling agent. Dilution:                                               |         |                                                                       |           | 25 L    | 81236    |
|                    | Pour neat into the water tank; pH: 2.7 (1% solution)                     |         |                                                                       |           |         |          |
|                    |                                                                          |         |                                                                       |           |         |          |
|                    |                                                                          |         |                                                                       |           |         |          |
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|                    |                                                                          |         |                                                                       |           |         |          |
|                    |                                                                          |         |                                                                       |           |         |          |
|                    | BROXO P                                                                  | ◆       | Washing systems and phosphating plants with water softeners /osmosis. |           | 25 kg   | 8338     |
|                    | Regeneration salt for osmosis plants.                                    |         |                                                                       |           |         |          |
|                    | Dilution: Pour neat into the saline tank; pH: not applicable             |         |                                                                       |           |         |          |
|                    |                                                                          |         |                                                                       |           |         |          |
|                    |                                                                          |         |                                                                       |           |         |          |
|                    |                                                                          |         |                                                                       |           |         |          |
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|                    |                                                                          |         |                                                                       |           |         |          |
|                    |                                                                          |         |                                                                       |           |         |          |



\* Suitable, but not for continuous use.  
Please read the product description carefully!



# CarWash Systems



**Commercial car wash is a market with a large potential for the future.**

For more than 30 years, Nilfisk-ALTO CarWash has been a pioneer and specialist for commercial car wash. The concentration on self-service and centre car wash stations with facility management is an important basis for the success in this market segment. For any activities the economic success is always the centre of attention.

More than 1000 locations in Europe confirm the contentedness of the customers as well as the reliability of the technology and the operator concept.

The potential and prospects of this market are also very promising for the future: the number of vehicles in Europe will continue to increase, the environmental protection will become even more important and with regard to the stability of value, cleanliness and care clearly rise in value.

Either individual modules or turn key projects, Nilfisk-ALTO CarWash Division can offer the customer a solution for every location: from the compact car wash to the car wash centre. Fully developed in details.

Modern, attractive, flexible. The car wash facilities are economic and profitable for the investor and perfectly designed for wash customers' use.

With more than 1000 locations in Europe our success and expertise is unquestioned.

## **Professional support - just from the beginning**

The quality of the conception and project engineering as well as of the location analysis and the resulting marketable configuration by the experienced Nilfisk-ALTO team are substantial conditions for a later success.

That also applies for the question about the "right" financing, where you can rely on the long-standing experience and the good relations of our specialists.

The technical part of the business can be optimized individually by different service options.

For further information please see [www.nilfisk-alto-carwash.com](http://www.nilfisk-alto-carwash.com)



**Nilfisk**  
**ALTO**







Find more  
information on  
[nilfisk-alto.com](http://nilfisk-alto.com)

The Nilfisk-ALTO brand is owned by Nilfisk-Advance A/S, one of the world's leading manufacturers and suppliers of professional cleaning equipment.

With global company headquarters in Denmark, the company has developed professional cleaning equipment for over 100 years.

Nilfisk-Advance has production facilities in North America, South America, Europe, and China, and has an extensive network of sales entities in 43 countries and is represented in more than 100 countries around the world.

The company currently has around 5400 employees worldwide, with global sales of approx. Euro 847 million in 2011.

We supply quality high pressure washers, vacuum cleaners and floor care equipment to agriculture, automotive and industrial companies, cleaning contractors and private consumers.

We are committed to the highest level of Corporate Responsibility. We develop cleaning solutions that provide you with cleaning efficiency while using less energy, less water and less detergent, so that you can focus on doing your job.

With the Nilfisk-ALTO brand we focus on innovation and growth. We believe in developing and maintaining long lasting relationships with our customers, suppliers and employees.

**green  
meets  
clean**

Dealer:

**Nilfisk  
ALTO**  
works for you