





#### 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.



# 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 effiency 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. Ie. 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 industri 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 develop-ment, why we are proud to have been awarded the IF Design for Ergonomics multiple times for our high level of user friend-liness with special focus on reducing operator fatigue.

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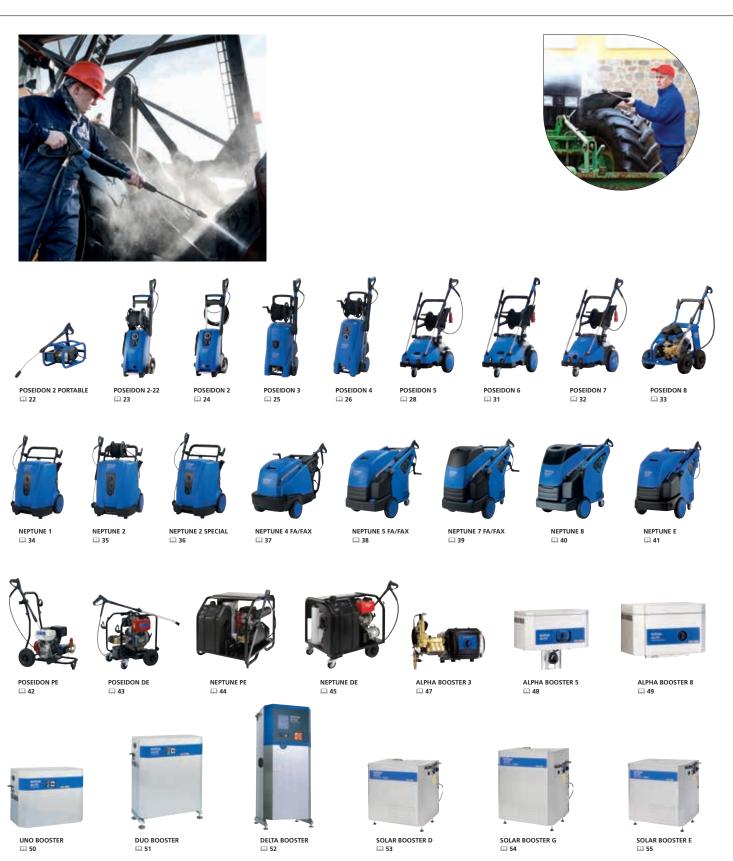


# Your problem is our solution

F

A

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







TRUCK BOOSTER

AUTO BOOSTER

MULTICLEANER 7-53



MERLION



MERMAID

6





ATTIX 40-0H PC TYPE 22

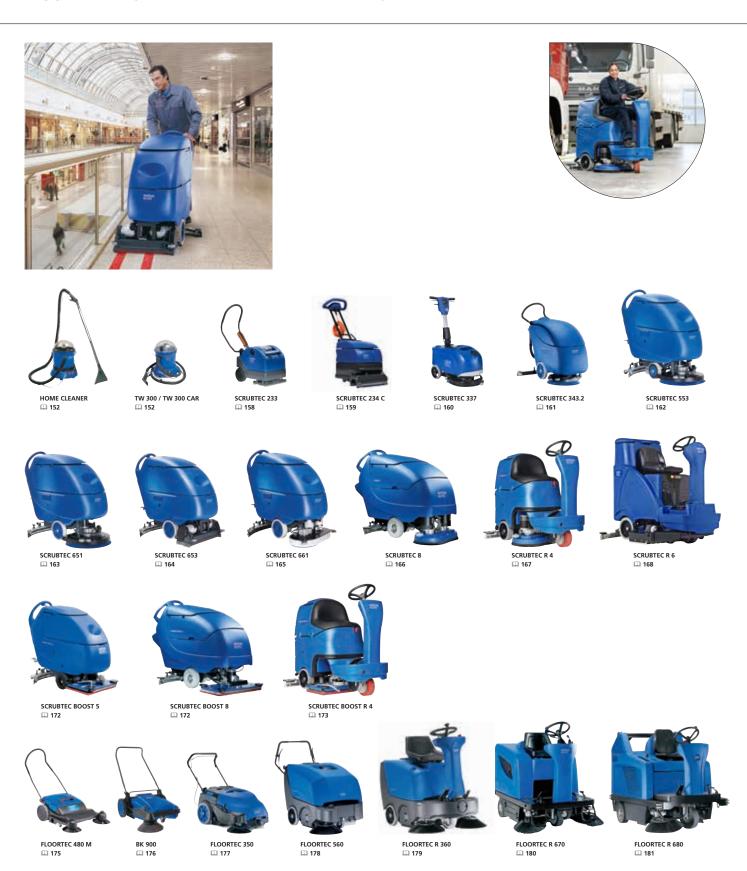
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# Bigger than you think, but smaller than you expect!





SPINTEC 551 UH



# **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-touse and reliable products with improved environmental performance – using less energy, less water and less detergent.
- 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.
- 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.
- 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'.



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

11

# 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.



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.









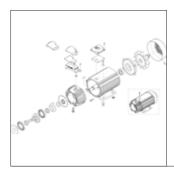


# Premium class, long-life pumps

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.



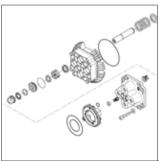
High efficiency stainless steel inlet and outlet valves. A Flow Activatet unloader system for optimal comfort in use. Includes water flow regulation and detergent injection valve.



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!

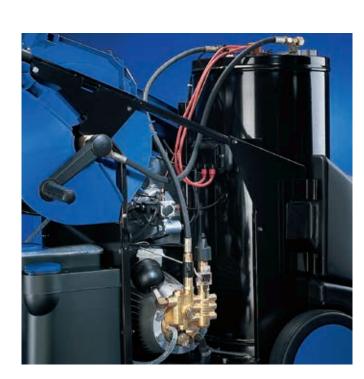
Service life of the coil can be prolonged in cases of aggressive water conditions by use of special protective chemicals:

- 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 soothing 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.





POSEIDON 2



POSEIDON 3 POSEIDON 4

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.



POSEIDON 5-41/5-53 PA



POSEIDON 5-56/5-62 PA-FA



POSEIDON 8

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.



POSEIDON 6 FA



POSEIDON 7 FA



POSEIDON 7 FBFA

# 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 featurepacked 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 8

NEPTUNE 7

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 highpressure 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

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 flexibile.

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.

Nilfisk ALTO works for you



# **POSEIDON 2 PORTABLE – Compact mobile cold water**



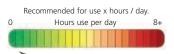
# Tough performance for construction and trade

- 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 2-24 PORTABLE	POSEIDON 2-26 PORTABLE
Pump pressure (bar/MPa)	100/10	140/14
Cleaning impact (kg/force)	2.4	2.6
Water flow Qmax/QIEC (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
FEATURES		
Pistons / number of pistons	Stainless / 3	Stainless / 3
Automatic start/stop	•	•
STANDARD EQUIPMENT		
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





#### Ideal for everyday cleaning work

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

- 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.



Recommended for use x hours / day. 0 Hours use per day 8+



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 Qmax/QIEC (I/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
FEATURES		
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		•
STANDARD EQUIPMENT		
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



#### 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

- 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.

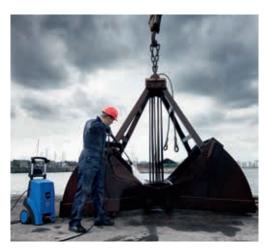


Recommended for use x hours / day. 0 8+ Hours use per day



TECHNICAL DATA	POSEIDON	POSEIDON	POSEIDON
	2-25 XT	2-29	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
FEATURES			
Pistons / number of pistons	Stainless / 3	Ceramic coated / 3	Ceramic coated / 3
Automatic start/stop	•	•	•
Flow regulation	•	•	•
Additonal hose and rotary jet lance	•		•
Detergent injector hose and doser	•	•	•
Detergent tank (l)	2	2	2
Hose reel	•		•
STANDARD EQUIPMENT			
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

### Nilfisk ALTO



#### Powerful and compact

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

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.



Recommended for use x hours / day. 0 Hours use per day 8+





TECHNICAL DATA	POSEIDON	POSEIDON	POSEIDON	POSEIDON
	3-30	3-30 XT	3-40	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			
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
FEATURES				
Pistons / number of pistons	Stainless / 3	Stainless / 3	Stainless / 3	Stainless / 3
Automatic start/stop	•	•	•	•
Additonal hose and rotary jet lance		•		
Detergent injector hose and doser	•	•	•	•
Hose reel		•		•
STANDARD EQUIPMENT				
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



# Small and compact – yet powerful and efficient

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

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.



Recommended for use x hours / day. 0 Hours use per day 8+





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	•	•	•	•	•	•
Additonal 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

Nilfisk ALTO works for you



# 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	POSEIDON	POSEIDON	POSEIDON
	5-41 PA	5-41 PAXT	5-53 PA	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
FEATURES				
Pistons / number of pistons	Ceramic / 3	Ceramic / 3	Ceramic / 3	Ceramic / 3
Automatic start/stop	•	•	•	•
Additonal hose and rotary jet lance		•		•
Hose reel		•		•
STANDARD EQUIPMENT				
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

# POSEIDON 5-56 & 5-62 – Medium mobile cold water

The large, wide rear wheels give excellent ground

maniability over even ground.

loading into a vehicle.

clearance and great maneuverability even over tough ground. The front castor wheel also allows optimal

The POSEIDON line is easy to lift thanks to the clear manual lifting points, reducing the strain for easy



Recommended for use x hours / day.

Hours use per day

8+

0



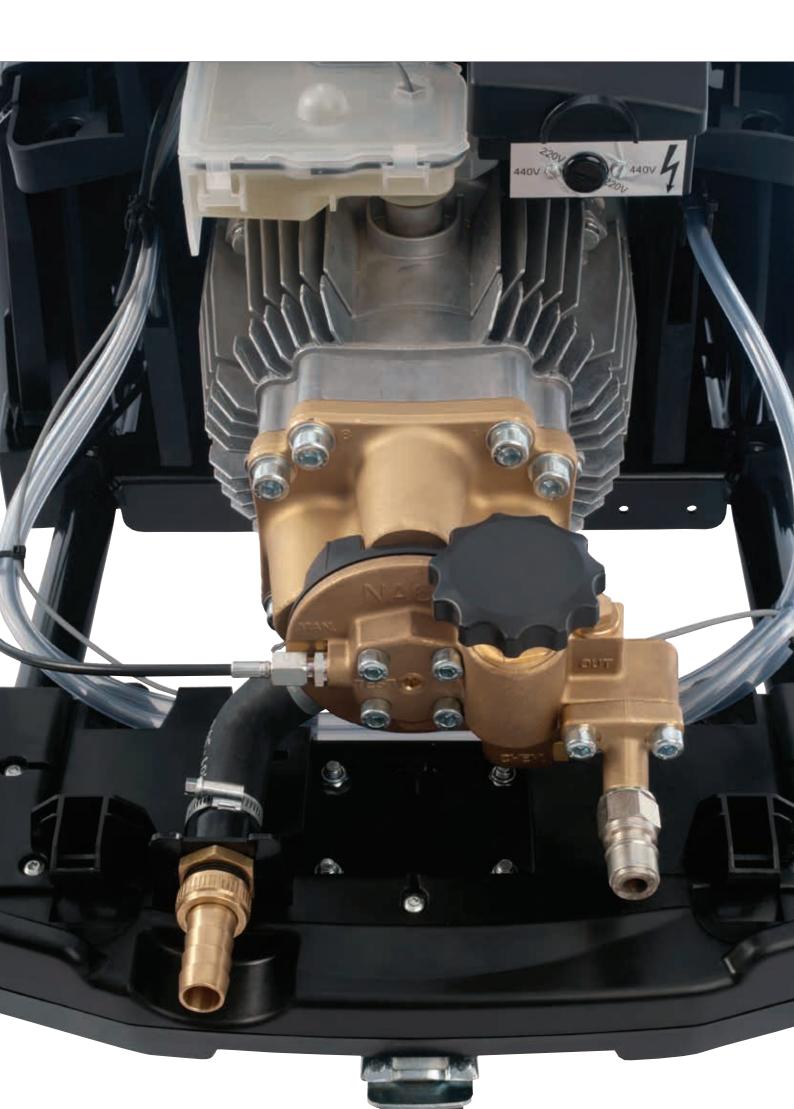
#### You can always trust your POSEIDON 5

- 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					
Automatic start/stop	•	•	•	•	•	•
Additonal 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







#### 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

6 FA can be fed with hot water and used as a hot water pressure washer, thus reducing cleaning time in many applications! 0

most all-round and competitive range of heavy duty pressure washers for industry, agriculture, shipping,

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

inspired by the traditional C3 pump and offers a max

transport sector and food industry.

TECHNICAL DATA	POSEIDON 6-64 FA	POSEIDON 6-64 FAXT	POSEIDON 6-65 FA	POSEIDON 6-65 FAXT	POSEIDON 6-79 FA	POSEIDON 6-79 FAXT	POSEIDON 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 102
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
FEATURES							
Pistons / number of pistons	Ceramic / 4	Ceramic / 4	Ceramic / 4	Ceramic / 4	Ceramic / 4	Ceramic / 4	Ceramic / 4
Automatic start/stop	•	•	•	•	•	•	•
Additonal 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		•		•		•	
STANDARD EQUIPMENT							
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



Recommended for use x hours / day. Hours use per day 8+

Standard feature

### 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.



Recommended for use x hours / day. 0 Hours use per day 8+

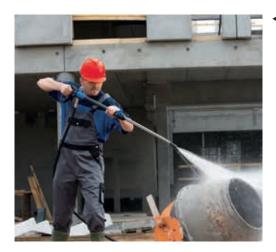
#### The ultimate industrial quality

- 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



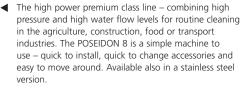
TECHNICAL DATA	POSEIDON	POSEIDON	POSEIDON	POSEIDON
	7-67 FA	7-67 FAXT	7-67 FFA	7-67 FBFA
Pump pressure (bar/MPa)	195/19.5	195/19.5	195/19.5	195/19.5
Cleaning impact (kg/force)	6.7	6.7	6.7	6.7
Water flow Qmax/Qiec (l/h)	1280/1180	1280/1180	1280/1180	1280/1180
Max. inlet temperature (°C)	85	85	85	70
Pump (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
FEATURES				
Pistons / number of pistons	Ceramic / 4	Ceramic / 4	Ceramic / 4	Ceramic / 4
Automatic start/stop	•	•	•	•
Additonal 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		•		
STANDARD EQUIPMENT				
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





#### 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



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.



Recommended for use x hours / day. 0 Hours use per day 8+



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
FEATURES				
Pistons / number of pistons	Ceramic / 3	Ceramic / 3	Ceramic / 3	Ceramic / 3
Stainless steel frame		•		•
Automatic start/stop	•	•	•	•
STANDARD EQUIPMENT				
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



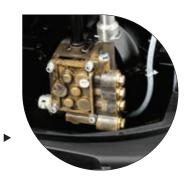
Very mobile hot water machine, with a unique vertical design

- 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-intense 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.



Recommended for use x hours / day. 0 Hours use per day 8+

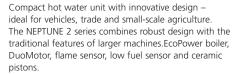


TECHNICAL DATA	NEPTUNE 1-22
Pump pressure (bar/MPa)	110/11
Cleaning impact (kg/force)	2.2
Water flow Qmax/Qiec (l/h)	600/540
Max. inlet temperature (°C)	40
Pump (RPM)	2800
Water temperature (water/steam) (°C)	80/
Fuel consumption, $\Delta T=45^{\circ}C$ (kg/h)	2.4
Fuel tank (l)	17
Dimensions L x W x 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
FEATURES	
Pistons / number of pistons	Stainless / 3
Automatic start/stop	
Flame sensor	
Low fuel cut off	
Detergent tank (l)	5
STANDARD EQUIPMENT	
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



# 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



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.



Nilfisk

ALTO

	Recommended for use x hours / day.	
0	Hours use per day	8+
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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/Qiec (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, $\Delta T=45^{\circ}C$ (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
FEATURES						
Pistons / number of pistons	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		•		•		•
STANDARD EQUIPMENT						
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

### **NEPTUNE 2 SPECIAL – Compact mobile hot water**

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#### 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

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.





Recommended for use x hours / day. 0 Hours use per day 8+

PECIAL	NEPTUNE 2-26 X SPECIAL	NEPTUNE 2-30 SPEC
	140/14	155/15.5
	2.6	3.0
	600/560	660/600

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, $\Delta T=45^{\circ}C$ (kg/h)	2.5	2.5	2.7	2.7
Fuel tank (I)	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
FEATURES				
Pistons / number of pistons	Ceramic / 3	Ceramic / 3	Ceramic / 3	Ceramic / 3
Automatic start/stop	•		•	•
Flame sensor	•		•	•
Low fuel cut off	•		•	•
Detergent tank (I)	5	5	5	5
Hose reel				•
STANDARD EQUIPMENT				
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

#### Nilfisk ALTO works for you



# 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

 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.



Recommended for use x hours / day. 0 Hours use per day 8+



TECHNICAL DATA	NEPTUNE 4-25 FAX	NEPTUNE 4-39 FAX	NEPTUNE 4-43 FAX	NEPTUNE 4-50 FA	NEPTUNE 4-50 FAX	NEPTUNE 4-55 FA	NEPTUNE 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, $\Delta T=45^{\circ}C$ (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
FEATURES							
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	•	•	•		•		•
STANDARD EQUIPMENT							
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

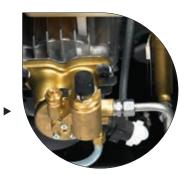


#### High performance, ease of use, low noise and great cleaning efficiency

- 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.



Recommended for use x hours / day. 0 Hours use per day 8+



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/Qiec (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, $\Delta T$ =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			
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
FEATURES				
Pistons / number of pistons	Ceramic / 3	Ceramic / 3	Ceramic / 3	Ceramic / 3
Automatic start/stop	•	•	•	•
Flame sensor	•	•	•	•
Detergent tank (I)	A:15 + B:10	A:15 + B:10	A:15 + B:10	A:15 + B:10
Additional hose		•		•
Hose reel		•		•
STANDARD EQUIPMENT				
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

#### Nilfisk ALTO works for you



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

- EcoPower boiler with > 92% efficiency
- 115 kW boiler flow activated control
- system for reduced running costsErgo 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

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.



Recommended for use x hours / day. 0 Hours use per day 8+



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, $\Delta T=45^{\circ}C$ (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
FEATURES		
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		•
STANDARD EQUIPMENT		
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 timeconsuming 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, $\Delta T=45^{\circ}C$ (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
FEATURES	
Pistons / number of pistons	Ceramic / 3
Automatic start/stop	
Detergent tank (I)	A:15 + B:10
STANDARD EQUIPMENT	
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

## **NEPTUNE E** – Electrically heated mobile hot water





# 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

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.



Recommended for use x hours / day. 0 Hours use per day 8+

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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
FEATURES		
Pistons / number of pistons	Ceramic / 3	Ceramic / 3
Automatic start/stop	•	•
Detergent tank (I)	A:35 + B:10	A:35 + B:10
STANDARD EQUIPMENT		
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

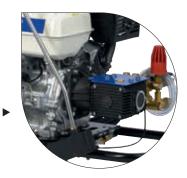


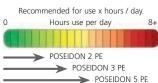
## Ideal solution for cleaning in the middle of a field or on a building site

- 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

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.







TECHNICAL DATA	POSEIDON	POSEIDON	POSEIDON	POSEIDON	POSEIDON
	2-31 PE	2-31 PE XT	3-36 PE	5-47 PE	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 (I/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	0	•	•	•	•
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

### POSEIDON PE/DE – Mobile cold water, petrol and diesel driven





# 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

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.



I

Recommended for use x hours / day. 0 Hours use per day 8+



TECHNICAL DATA	POSEIDON	POSEIDON	POSEIDON	POSEIDON
Pump pressure (bar/MPa)	5-53 PE 200/20	<b>5-67 PE</b> 230/23	<b>5-67 PE XT</b> 230/23	5-54 DE 195/19.5
Cleaning impact (kg/force)	5.3	6.7	6.7	5.4
Water flow Qmax/Qiec (I/h)	1030/930	1150/1100	1150/1100	1000/950
		60	60	60
Max. inlet temperature (°C)	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 (I/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
FEATURES				
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			•	
STANDARD EQUIPMENT				
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

#### NEPTUNE PE – Mobile hot water – petrol driven



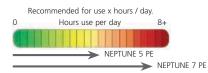
# High performance and productivity – a simple and efficient cleaning tool

- 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

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.







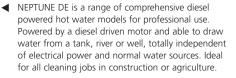
TECHNICAL DATA	NEPTUNE 5-46 PE	NEPTUNE 5-54 PE	NEPTUNE 5-85 PE	NEPTUNE 7-61 PE
Pump pressure (bar/MPa)	200/20	220/22	240/24	220/22
Cleaning impact (kg/force)	4.6	5.4	8.5	6.1
Water flow Qmax/Qiec (I/h)	860/800	1000/900	1450/1350	1120/1010
Max. inlet temperature (°C)	40	40	40	40
Pump (RPM)	1775	1700	1570	1775
Water temperature (water/steam) (°C)	90/150	90/150	90/150	90/150
Fuel consumption, Boiler (Diesel) $\Delta T=45^{\circ}C$ (kg/h)		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 (I)	57	57	57	57
Onboard fuel tank for motor (I)	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	0400	0450	0050	0500
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





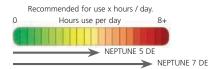
# Total indepence of electrical power and normal water sources

- 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



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







TECHNICAL DATA	NEPTUNE	NEPTUNE	NEPTUNE
	5-51 DE	7-66 DE	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) $\Delta T=45^{\circ}C$ (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 (I)	57	57	57
Onboard fuel tank for motor (I)	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 x1050	1130 x 910 x1050
Weight (kg)	220	315	510
Nozzle size	0450	0650	0640
FEATURES			
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	•		
STANDARD EQUIPMENT			
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
ITEM NO.	106239610	106239630	106239635



### ALPHA BOOSTER 3 – Stationary cold water





# 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)

 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.







TECHNICAL DATA	ALPHA BOOSTER	ALPHA BOOSTER
	3-26	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
FEATURES		
Pistons / number of pistons	Ceramic / 3	Ceramic / 3
Automatic start/stop	•	•
Water brake tank	•	•
Stainless steel cabinet	0	0
STANDARD EQUIPMENT		
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
ITEM NO.	107361115	107361130

### ALPHA BOOSTER 5 – Stationary cold water

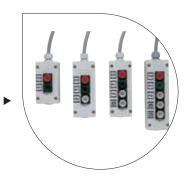


# Powerful and long lasting stationary cold water cleaning

- 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

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.







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
FEATURES	
Pistons / number of pistons	Ceramic / 3
Automatic start/stop	•
Water brake tank	
Stainless steel cabinet**	
STANDARD EQUIPMENT	
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
ITEM NO.	107361230

## ALPHA BOOSTER 8 – Stationary cold water





#### 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

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.







TECHNICAL DATA	ALPHA BOOSTER 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**



## 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 serviceabilityWater inlet coupling, NITO internal
- 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

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.







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
FEATURES		
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

#### Nilfisk ALTO



#### 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 •

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.



Recommended for use x hours / day. 0 Hours use per day 8+



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**



# 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

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.



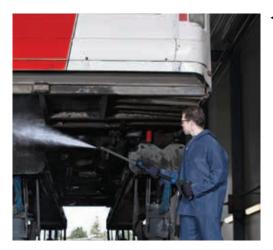
Recommended for use x hours / day. 0 Hours use per day 8+



TECHNICAL DATA	DELTA BOOSTER 3-PUMPS	DELTA BOOSTER 4-PUMPS	DELTA BOOSTER 5-PUMPS	DELTA BOOSTER 6-PUMPS	DELTA BOOSTER 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				
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
FEATURES					
Pistons / number of pistons	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

### **SOLAR BOOSTER DIESEL – Stationary hot water**





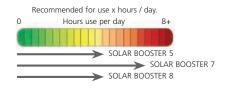
#### Gives you hot water at the lowest possible cost

- 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 emperature settings, the boiler offers efficient and low cost heating.







TECHNICAL DATA	SOLAR BOOSTER 5-52 D	SOLAR BOOSTER 7-58 D	SOLAR BOOSTER 7-58 DS	SOLAR BOOSTER 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, $\Delta T=45^{\circ}C$ (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
FEATURES				
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

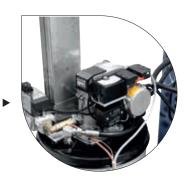
### SOLAR BOOSTER GAS – Stationary hot water

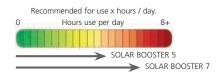


- Major fuel and service cost savings
- Brass cylinder head
- Expandable control technology with PLC, customisation through options
- Unit diagnosis system
- Reduced running and service costs
- New economical gas burner
- Closed air intake
- Galvanized and powder coated cabinet and frame
- Otional; MMO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

 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.







TECHNICAL DATA	SOLAR BOOSTER 5-45 G	SOLAR BOOSTER 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 $\Delta T 45^{\circ}C$ (m <sup>3</sup> /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
El cable (m)	4	4
Nozzle size	0550	0680
FEATURES		
Pistons / number of pistons	Ceramic / 3	Ceramic / 4
Axial pump	•	•
Automatic start/stop	•	
ITEM NO.	107370450	107370470

### **SOLAR BOOSTER ELECTRIC – Stationary hot water**





 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 I 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.



Recommended for use x hours / day.0Hours use per day8+

#### 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
- Otional; MMO (Multiple Machine Option)



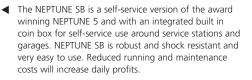
TECHNICAL DATA	SOLAR BOOSTER 7-38 E18H	SOLAR BOOSTER 7-58 E18H	SOLAR BOOSTER 7-58 E36H	SOLAR BOOSTER 7-58 E54H
Pump pressure (bar/MPa)	135/13.5	170/17	170/17	170/17
Cleaning impact (kg/force)	3.8	5.8	5.8	5.8
Water flow Qmax/Qiec (l/h)	875/810	1200/1110	1200/1110	1200/1110
Max. inlet temperature (°C)	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 $\Delta T$ 45°C at full flow (°C)	19	14	27.8	41.7
Dimensions L x W x H (mm)	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 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  $1 \in$ Change of nozzle allows different pressure: •
- 80/170 bar/MPa
- Two nozzles 0700/0475 included .



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.



Recommended for use x hours / day. 0 Hours use per day 8+



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, $\Delta T=45^{\circ}C$ (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
FEATURES	
Pistons / number of pistons	Ceramic / 3
Detergent injector system	
Automatic start/stop	
STANDARD EQUIPMENT	
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



Recommended for use x hours / day.

Hours use per day

8+

TRUCK BOOSTER 7

TRUCK BOOSTER 5



# 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 messurement



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

The TRUCK BOOSTER is equipped with cabinet/door

insulation and an electrically powered heater/fan, to prevent interior parts from freezing. The heater is ontrolled by its own thermostat and switches on at low temperatures only when the TRUCK BOOSTER 0

cleaning – all year round.

is not running.

TECHNICAL DATA	TRUCK BOOSTER 5-49 D	TRUCK BOOSTER 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, $\Delta T=45^{\circ}C$ (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
FEATURES		
Pistons / number of pistons	Ceramic / 3	Ceramic / 4
Low pump oil safety	•	•
Automatic start/stop	•	•
STANDARD EQUIPMENT		
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
ITEM NO.	107370830	107370810

### **AUTO BOOSTER – Self-service**



## 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



A stainless steel unit in a solid and robust design and

with various features. Offering low running costs and

Ine 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.



Recommended for use x hours / day. 0 Hours use per day 8+



TECHNICAL DATA	AUTO BOOSTER	AUTO BOOSTER
	5-20 D	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, $\Delta T$ =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
FEATURES		
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
STANDARD EQUIPMENT		
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% •
- Hygenic, user-friendly and selfpropelled 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 desinfection, or can detect objects in the washing area. The robot is easily transported from one facility to another.



Recommended for use x hours / day. 0 Hours use per day 8+



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 widt (mm)	700
Noice 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
FEATURES	
Pistons / number of pistons	Ceramic / 4
Detergent / desinfection kit	○ / 107341901
Manual cleaning kit	○ / 107341902
Detection of obsticles kit	○ / 107341903
GSM Module kit	○ / 107341900
ITEM NO.	107341010

### **MERLION – Heavy-Duty high pressure water blasters**



#### 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
FEATURES		
20 Hp motor	•	•
Automatic start/stop with timer	•	•
Triplex pump with ceramic plunges	•	•
STANDARD EQUIPMENT		
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

- 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 ٠
- Removing lime scale deposits and marine growth • • Deck cleaning and cleaning of cargo hold



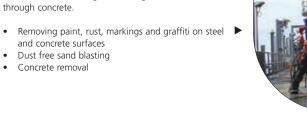
### **MERMAID** – Heavy-Duty high pressure water blasters





# 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 holderDrip return ensuring long seal life and drip
- free operation (MERMAID 800)Identical suction and discharge valves,
- easily replaceable (MERMAID 800)



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





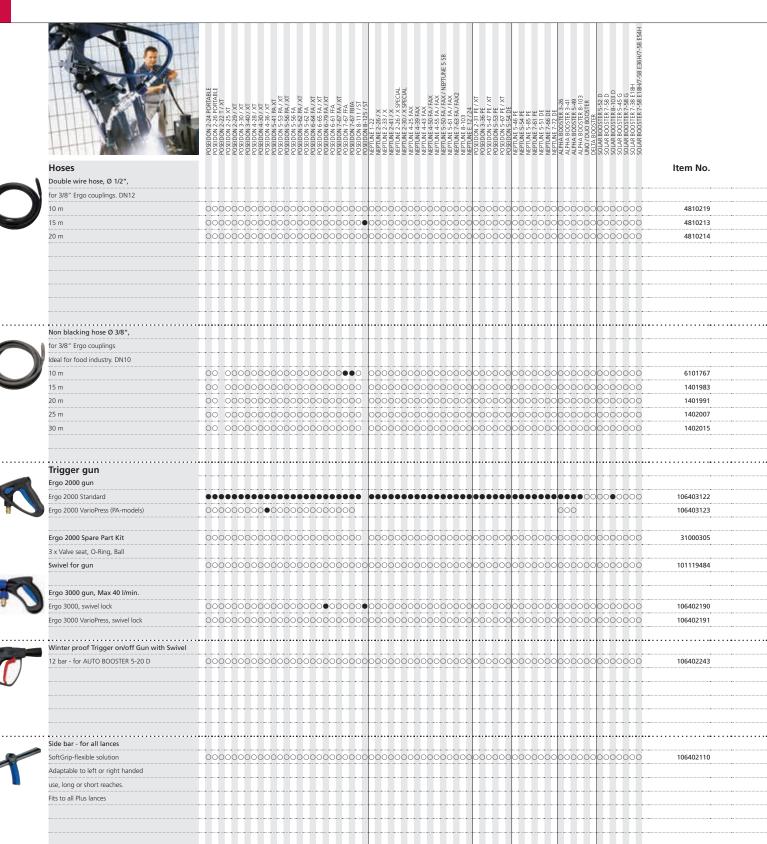
TECHNICAL DATA	MERMAID 500	MERMAID 800
Pump pressure (bar/MPa)	500/50	800/80
Cleaning impact (kg/force)	16.3	13.7
Water flow (I/h)	1800	1200
Pump (RPM)	1450/1725	1000
Max. water temperature (°C)	60	60
Power consumption (kW)	40/30	40/30
Voltage/phase/frequency/current (V/~/Hz/A)	380-415/3/50/56 or 380-415/3/60/56	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
FEATURES		
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		•
STANDARD EQUIPMENT		
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

	Couplings & Adapters	POSEDRON 2.54 PORTABLE POSEDRON 2.54 PORTABLE POSEDRON 2.55 XT POSEDRON 2.55 XT POSEDRON 2.55 XT POSEDRON 2.56 PORTABLE POSEDRON 2.56 PORTABLE POSEDRON 2.56 PORTABLE POSEDRON 4.50 XT POSEDRON 4.56 PA/XT POSEDRON 6.56 FA/XT POSEDRON 6.57 FA/XT POSEDRON 1.57 FA/XT POSEDRON 1.57 FA/XT POSEDRON 1.57 FA/XT POSEDRON 1.57 FA/XT POSEDRON 1.57 FA/XT POSEDRON 1.57 FA/XT POSEDRON 6.51 FA/XT POSEDR	NETTURE 1-25 NETTURE 2-35 / X NETTURE 2-35 / X NETTURE 2-35 / X NETTURE 2-35 / X NETTURE 2-35 / X SFEC.AL NETTURE 2-35 / X SFEC.AL NETTURE 2-35 / X SFEC.AL NETTURE 4-35 / X X NETTURE 4-35 / X X NETTURE 4-35 / X X NETTURE 4-35 / X X NETTURE 5-15 / X X NETTURE 5-50 / X X NETTURE 5-50 / X X	NETTURE 5-46 F NETTURE 5-46 F NETTURE 5-54 F NETTURE 5-54 F NETTURE 5-54 F NETTURE 5-24 F NETTURE 5-24 F NETTURE 7-24 F NETTURE 7-24 F ALIPHA BOOTER 3-44 ALIPHA BOOTER 3-46 ALIPHA BOOTER 3-44 ALIPHA ALIP	Hera Rec-//Hera R
	Couplings & Adapters Ergo System Female 3/8" Male 3/8" Male 3/8" Kit (male, female, bend restrictor) Kit (male, female) Packing ring 3/8" Male 1/4" KEW nipple				106402075           1600493           1603101           101119496           101119499           1801075
7	Coupling for connection off 2 HP hoses, with coupling + nippels 3/8"	00	0	00	4809131
• پ	Adapters for hose to machine: Used for external injectors, high pressure hoses and hose reels KEW quick coupling male 3/8" - M27 x 1.5 external thread. Wap outlet to KEW hose				66159
	KEW quick coupling female 3/8" - M27 x 1.5 internal thread. KEW outlet to Wap hose     Adapter M21 external x 3/8" external				66160 64540
0	Adapters for pistol to lance: Used for lances, floor cleaners, brushes and other accessories connected to the gun © Ergo gun to Wap accessory - coupling male - M21 x 1.5				66161
<b>°</b>	external thread  Wap gun to Ergo accessory - coupling female - M21 x 1.5 internal thread  M22 x 1,5 gun outlet to Ergo accessory				66162 301000645
• ۳	GEKA coupling - hose end     3/4*     NITO coupling - hose end	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 1311
	3/4" 1/2" GARDENA coupling - hose end 3/4"		000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 1604669



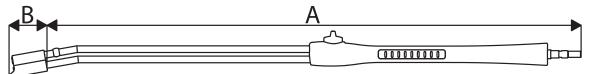
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Supplementary accessories adapters not required
 Standard equipment or recommended equipment



#### Definition of length of 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.



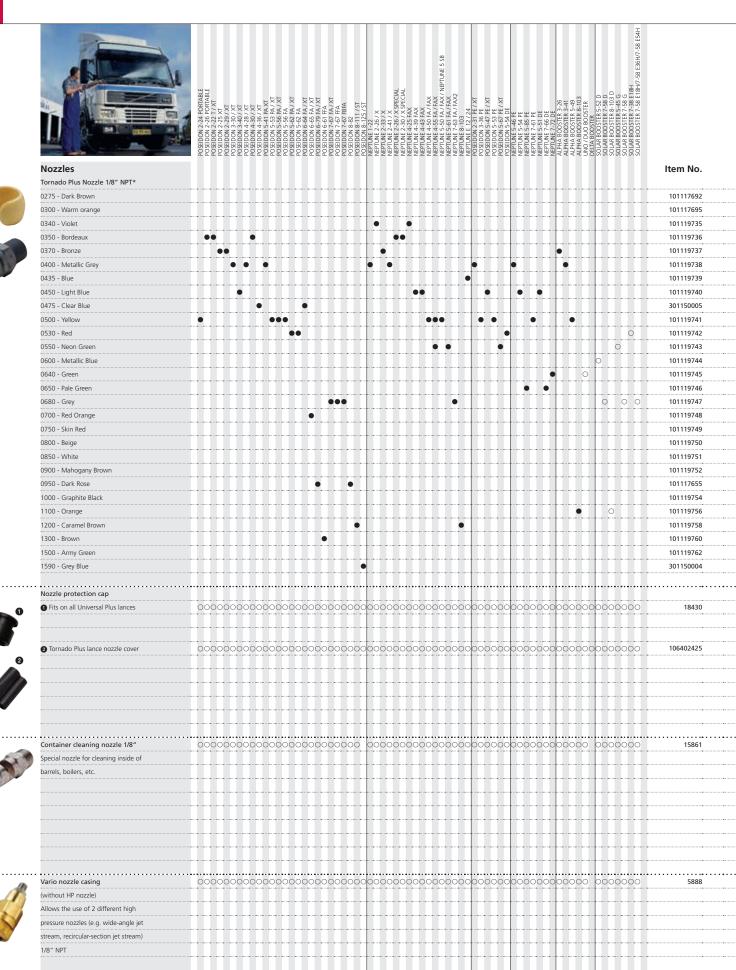


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Lances	illillillill)				1117			Item No.
Tornado Plus lance (without HP nozzle)						<u>/ I I I I</u>		
Double lance with separate high and low		í la la la la	<u>[]</u> ]];		444			
pressure nozzles. Easy pressure adjustment		/			4			
and optimal low pressure spray pattern for flushing.			4447		4117			
for flushing. Length = 208 - Bend	000000000000000000000000000000000000000		0000000				00000	106403012
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		4						
PowerSpeed Vario Plus lance, 109 cm		<u>,                                     </u>			44.47			
High impact rotary jet with pressure					4447			
regulation for tough jobs, adjustable Spray angle 0°- 20°, max. temp. 85°C		t						
Spray angle 0°- 20°, max. temp. 85°C 0340 - Violet		0 0			4447			106403090
0370 - Bronze	0000 00	0 00				0		106403091
0450 - Light Blue	0		00	00 0	00 0	0		106403092
0500 - Yellow	0 0 000 0		000	00	0	0		106403093
0530 - Red	00				0			106403094
0640 - Green		<u>,                                     </u>		0		0 0		106403095
0680 - Grey	000	£	0		o _ c	2	0	106403096
0700 - Red Orange 0750 - Skin Red	0	£			4447			106403097
0750 - Skin Red 0950 - Dark Rose	0	t te te te '			4447			106403098 106403110
1200 - Caramel Brown	0		1117	0	4117	0		106403111
1590 - Grey Blue	 0	, i i i i i i i i i i i i i i i i i i i		Í				106403112
PowerSpeed Vario Plus lance, 77 cm								
For work on scaffold and narrow areas,								
max. temp. 85°C					4117			······
0340 - Violet	0	0 0						106403020
0370 - Bronze 0450 - Light Blue	0000 00 0	0 00	00	00 0	00 0	0		106403021
0450 - Light Blue 0500 - Yellow	0 0 000 0		000		00 0	0		106403022
0530 - Red	00000		000	00				106403023
0640 - Green				0		0 0	0	106403025
0680 - Grey	000	1	0		0 C		0	106403026
0750 - Skin Red	0	4						106403027
		4						••••••
FlexoPower Plus lance		£			4.4.4.4			
Without HP nozzle. Single lance with the possibility to switch between high-low		t						
possibility to switch between high-low pressure at the nozzle head.								
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Length = 101	000000000000000000000000000000000000000							106402281
Length = 96	000000000000000000000000000000000000000							106402282
		4						
Universal Plus lance		£						
(without HP nozzle)					4447			
Ideal for hot water machines with high		t						
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Bent - Length = 108	000000000000000000000000000000000000000							106403035
Bent - Length = 94	000000000000000000000000000000000000000							106403036
Straight - Length = 206	000000000000000000000000000000000000000							106403030
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Straight - Length = 108	000000000000000000000000000000000000000							106403033
Straight - Length = 65	000000000000000000000000000000000000000	0000000	0000000	200000	0000000	000000	000000	106403032
		,			4447			106403037

	Lances	POSTIDON 2-24 PORTABLE POSTIDON 2-24 PORTABLE POSTIDON 2-25 I / XT POSTIDON 2-25 / XT POSTIDON 2-29 / XT POSTIDON 2-29 / XT POSTIDON 3-40 / XT POSTIDON 3-40 / XT POSTIDON 4-29 / XT	POSIDON 4-36 POSIDON 4-36 POSIDON 5-56 PA POSIDON 5-56 PA POSIDON 5-56 PA POSIDON 5-56 PA POSIDON 5-56 PA POSIDON 5-66 FA/M POSIDON 6-66 FA/M POSIDON 6-66 FA/M POSIDON 6-66 FA/M POSIDON 6-66 FA/M POSIDON 6-76 FA/M POSIDON 7-67 FA/M POSIDON 7-7 FA/M POSIDON 7-7 FA/M POSIDON 7-7 FA/M POSIDON 7-7 FA/M	N CCCCCFFF	NEPTURE 4-50 KA/ FAX NEPTURE 4-55 KA/ FAX NEPTURE 5-56 KA/ FAX NEPTURE 5-59 KA/ FAXX NEPTURE 5-59 KA/ FAX2 NEPTURE 3-102 NEPTURE 3-102 NEPTURE 3-102	POSEDON 2-31 FE / XT POSEDON 5-47 FE		ALPHA BOOSTER 3-26 ALPHA BOOSTER 3-41 ALPHA BOOSTER 5-49 ALPHA BOOSTER 8-103 ALPHA BOOSTER 8-103 ALPHA BOOSTER 8-103	PLILA EVOL SULAR BOOSTER -S.2.D SULAR BOOSTER -S.2.D SULAR BOOSTER -S.4.G SULAR BOOSTER -S.4.G SULAR BOOSTER -S.4.G SULAR BOOSTER - S.4.B EBH/J-58	ltem No.
	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	00 0 0	• 000 • 00	000	0 000 0	• (	0	0	0 0	106403077 106402290 106402291 106402292
	L = 113 - 0600 W11 - Metallic Blue L = 113 - 0700 W11 - Red Orange L = 113 - 0800 W11 - Beige L = 113 - 1000 W11 - Graphite Black		• •00		0		0 00	0	0 0 0	106402293 106402294 106402295 106403078
	L = 113 - 0350 W12 - Bordeaux L = 113 - 0370 W12 - Bronze L = 113 - 0400 W12 - Metallic Grey	• •	•	0 000		• 0		00		106403001 106408222 106403002
	L = 113 - 0500 W12 - Yellow L = 113 - 0550 W12 - Neon Green W11 = 5.5 cm dia. nozzle head W12 = 4 cm dia. nozzle head	•	• ••• •		000	0 0	0	0	0 0	106403003 106408220
	Short spray lances (without 1/8 " NPF-HP nozzle) For cleaning of motors and hard to reach areas									
0	Short simple lance, 100 mm High pressure only, without nozzle	000000000	000000000000000000000000000000000000000	0000000000	0000000	0000000	000000	000000	0000000	106402151
0	FlexoPower lance, 100 mm Pressure regulation at the nozzle head, without nozzle	000000000	000000000000000000000000000000000000000	000000000	0000000	0000000	200000	00000	0000000	106402152
9	Double short lance, 100 mm     Adjustable pressure, without HP nozzle	0000000000	000000000000000000000000000000000000000	000000000	0000000	0000000	000000	00000	0000000	106402150
F	Long reach lance, 1500 mm Projects a concentrated waterstream up to 3-4 m from nozzle, incl. 0640 nozzle*		0.0		0	00	0 00	0	00 0000	6401193
	0640 nozzle for long reach lance				0	00	0 00	0	00 0000	2802696
	Curved lance, 1090 mm									
4	For vehicle underchassis, with 8010 nozzle	000000000	000000000000000000000000000000000000000	00000000	00000 0	0000000	000000	000 00	0000000	6402016



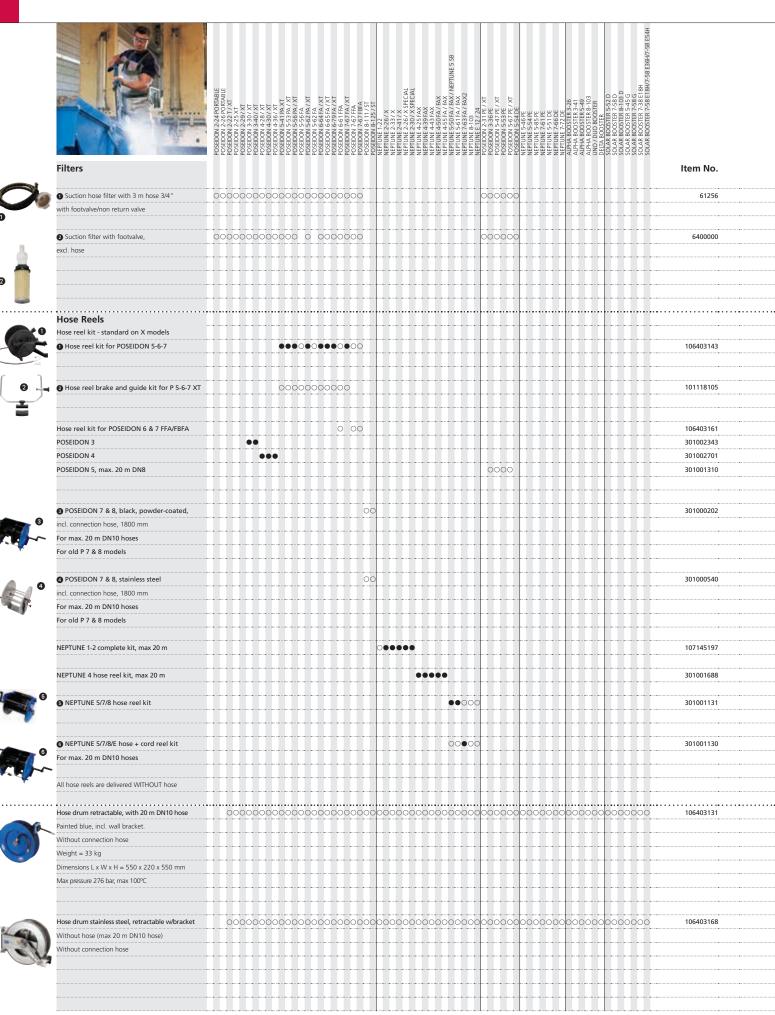
-	Nozzles	POSEIDON 2-24 PORTABLE POSEIDON 2-25 PORTABLE POSEIDON 2-25 T / XT POSEIDON 2-25 XT	POSEDON 2.25 / Y POSEDON 2.25 / Y POSEDON 3.40 / Y POSEDON 4.28 / Y POSEDON 4.20 / Y POSEDON 4.30 / Y POSEDON 4.36 / Y	POSEDON 5-41 MAY POSEDON 5-41 MAY POSEDON 5-25 MAY XI POSEDON 5-55 MAY XI POSEDON 5-55 MAY XI POSEDON 5-56 MAY POSEDON 5-56 MAY	OUSEDON 65-82, X3 POSEDON 65-85, X4 POSEDON 65-95, X4 POSEDON 65-95, X4 POSEDON 767, FA POSEDON 777, FA POSEDON 7777, FA POSEDON 7777, FA POSEDON 7777, FA POSEDON 7777, FA PO	NET 10 10 10 10 10 10 10 10 10 10 10 10 10	NETURE 2017.57E.CML NETURE 425.FXX NETURE 443.FXX NETURE 443.FXX NETURE 443.FXX NETURE 455.FX1/FXX NETURE 455.FX1/FXX NETURE 561.FX1/FXX NETURE 561.FX1/FXX NETURE 561.FX1/FXX NETURE 561.FX1/FXX NETURE 561.FX1/FXX	NETTURE 12.24 NETTURE 12.24 POSEDON3-31 FE/ XT POSEDON3-54 FE/ XT POSEDON5-54 FE/ XT POSEDON5-54 FE/ XT POSEDON5-54 FE/ XT POSEDON5-54 FE/ XT POSEDON5-54 FE/ XT	<u> &lt; – – – – – – – – – – – – – – – – – – </u>	ALPHAB 5-72 DE ALPHA BOOSTER 3-36 ALPHA BOOSTER 3-36 ALPHA BOOSTER 5-49 ALPHA BOOSTER 5-49 ALPHA BOOSTER 5-49 ALPA BOOSTER 7-103 DELTA BOOSTER DELTA BOOSTER	DEITA BOOTER	ltem No.
	TurboHammer only nozzle 1/8" Fits all Universal Plus lances					4						
	Fits all Universal Plus lances max. temp. 60°C											
	0450 W11 - Light Blue		0					0 0	0 0		4	48874
	0500 W11 - Yellow	0	0	0 000 0	0	<u> </u>	000	0 0	0	0		48872
	0550 W11 - Neon Green 0600 W11 - Metallic Blue	<u></u>		0		47	0	0	<u> </u>		0 0	48875 48982
	0700 W11 - Red Orange				0 000		0		0 00	0 0		48981
	0800 W11 - Beige			/								301001110
	1000 W11 - Graphite Black				0	4			4			102802856
	1100 W11 - Orange					1			4	0	0	48983
	0275 W12 - Dark Brown											102802847
	0350 W12 - Bordeaux	00	0			0 00	/0					49283
	0370 W12 - Bronze 0400 W12 - Metallic Grey		00 0	0		0 00			0	00		106408221 65437
	0400 W12 - Metallic Grey 0450 W12 - Light Blue	Ť	0 000	0			00	0	0	00		65437 49285
	0500 W12 - Yellow	0		0 000 0			000	0 0	0	0		301001108
	0550 W12 - Neon Green	417		00	<u></u>	<u> </u>	0	00	4		0 0	49287
	W11 = 5.5 cm dia. nozzle head W12 = 4 cm dia. nozzle head					4			4			
-	Standard nozzle 0° 1/8″ NPT	4447	0 0	0		0 0			<u> </u>	0		15440
A	05	0	0.0	000		Ĥ	000	00	0	0		15440
	06			1							0	7819
	07		444		0	47			4			7820
						4						
	Standard nozzle 15° 1/8″ NPT			•••••			/		<u> </u>			
and the second se	04	<u> </u>	0 0	0		0 0		0	0	0		8097
	05 06	0		000		48.87	000	0 0	0	0		41394 7811
	06 07				0	1						7811 1507
										1		
	••••••											• • • • • • • • • • • • • • • • • • • •
	Standard nozzle 25° 1/8″ NPT 03											2503
Contraction of the local division of the loc	034					0						64203
	04			0		0 0		0	0	0		2504
	045	0	0	000		44447	000	0 00	0 0	0		8528 7813
	05			000			000	0 0			0	7813
	06										P	2506
	07	44			0	411		Щр				2507
	075 08					44.47						301000007 2508
	085											63658
	09			1							4	2509
						4447						
						47						
	Standard nozzle, 50°, 1/8″ NPT					<u> </u>						·····
	04		0 0	0		0 0		0	0	0		5004
ST	06	<u>,                                    </u>	<u>4      </u>			<u> </u>			<u> </u>			5006
					0							5007
	07					1						
	07											







Supplementary accessories adapters not required
 Standard equipment or recommended equipment

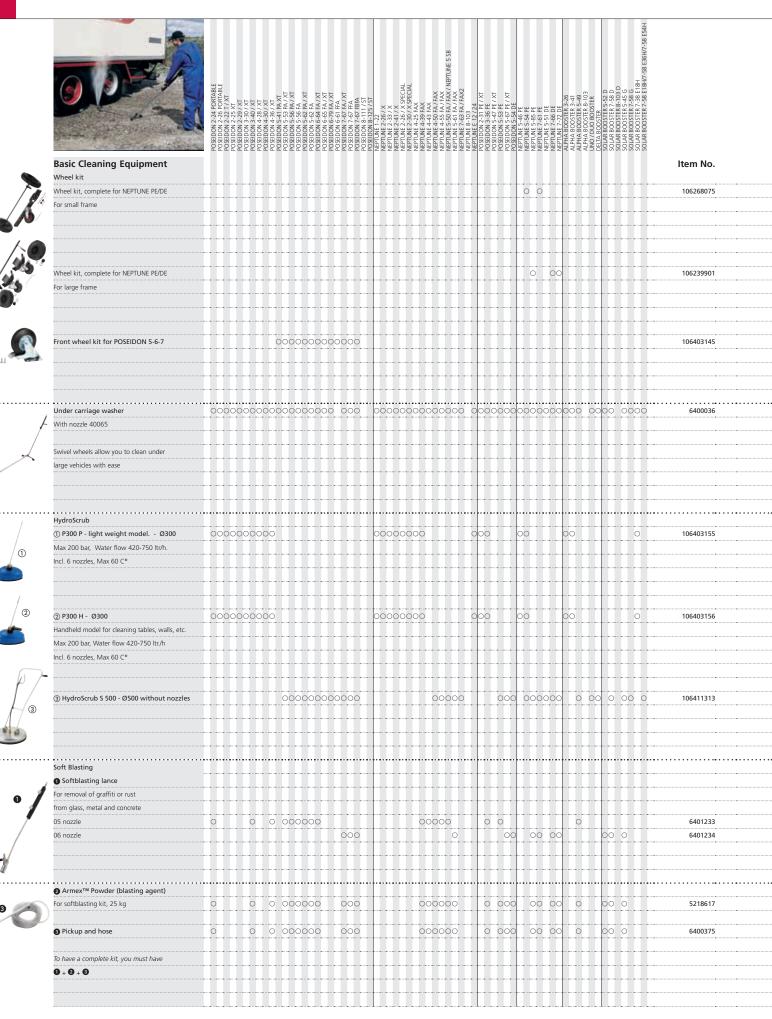




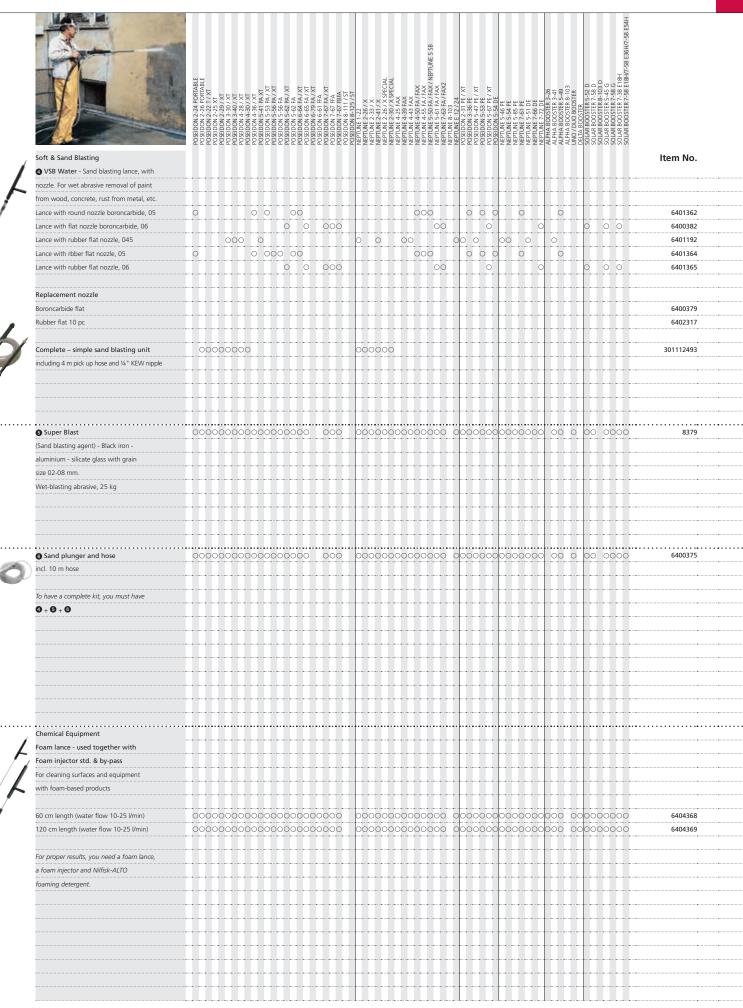
	WEHR         WEHR           VEHR         WEHR           VEHR <th>POSEDON 2.24 PORTABLE POSEDON 2.24 FORTABLE POSEDON 2.24 FORTABLE POSEDON 2.25 FORTABLE POSEDON 2.25 FORTABLE POSEDON 2.25 FORTABLE POSEDON 2.25 FOR POSEDON 2.26 FOR POSEDON 4.26 FOR POSEDON 4.27 FOR POSEDON 4.26 FOR POSEDON 4.27 FOR POSEDON 4.26 FOR POSEDON 4.27 FOR POSEDON 4.26 FOR POSEDON 4.</th> <th>HETTING 1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.</th> <th>METHORS SAME NETHORS SAME NOV PLOY SAME SAME BOOSTER 5-36 SAME BOOSTER 7-380 SAME BOOSTER 7-360 SAME AON 7-360 SAM</th> <th>Httm No.</th>	POSEDON 2.24 PORTABLE POSEDON 2.24 FORTABLE POSEDON 2.24 FORTABLE POSEDON 2.25 FORTABLE POSEDON 2.25 FORTABLE POSEDON 2.25 FORTABLE POSEDON 2.25 FOR POSEDON 2.26 FOR POSEDON 4.26 FOR POSEDON 4.27 FOR POSEDON 4.26 FOR POSEDON 4.27 FOR POSEDON 4.26 FOR POSEDON 4.27 FOR POSEDON 4.26 FOR POSEDON 4.	HETTING 1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	METHORS SAME NETHORS SAME NOV PLOY SAME SAME BOOSTER 5-36 SAME BOOSTER 7-380 SAME BOOSTER 7-360 SAME AON 7-360 SAM	Httm No.
1	Up to 50 m, 3/8", DN10 with 3/8" Quick coupling, without connection hose, coupling and gun N.B: Without hose!	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	
	Cleaning trolley Stainless steel with stainless steel hose reel, foam injector, basket for accessories and space for 2 x 5 L tanks + 1 x 25 L Without hose (up to 20 m) and gun	000000000000000000000000000000000000000			6401094
0 /	Basic Cleaning Equipment Wash brush I For cleaning of lorry, bus,				
0	Or cleaning on only, bus,         bodywork, etc. With pressure regulation         for detergent.         235 cm long         155 cm long         Prits to all Universal Plus lances	00000000000000000000000000000000000000			000 6400088
	Replacement brush for 14202	000000000000000000000000000000000000000		000000000000000000000000000000000000000	000 10356 106402241
F	Rotary brush Attachment for cleaning of bodywork, windows, etc. With pressure/detergent control. 055, 80 cm long		000000000000000000000000000000000000000		0 <b>6400018</b>
	055, 170 cm long 065, 80 cm long 065, 170 cm long Replacement brushes Natural short hair, soft brush	••••••••••••00000000 0 000 0 000			O         6400017           O         6400016
	Natural short hair, soft brush Natural long hair, very soft brush Nylon long hair, hard	000000000000000000000000000000000000000		000000000000000000000000000000000000000	6401431

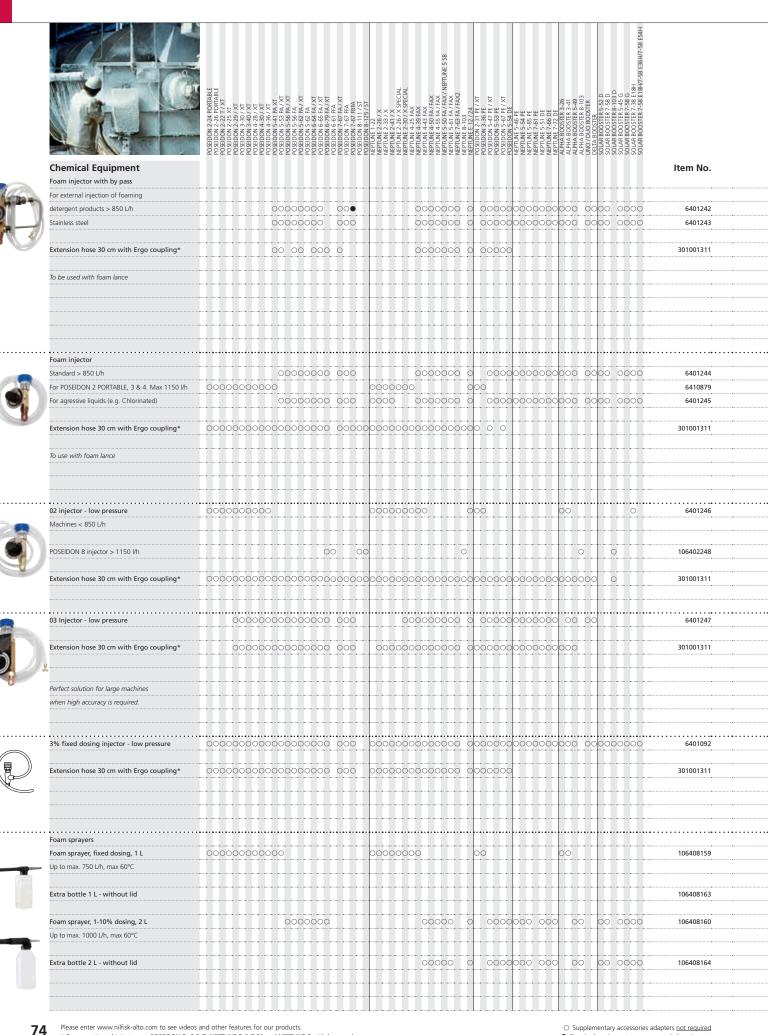
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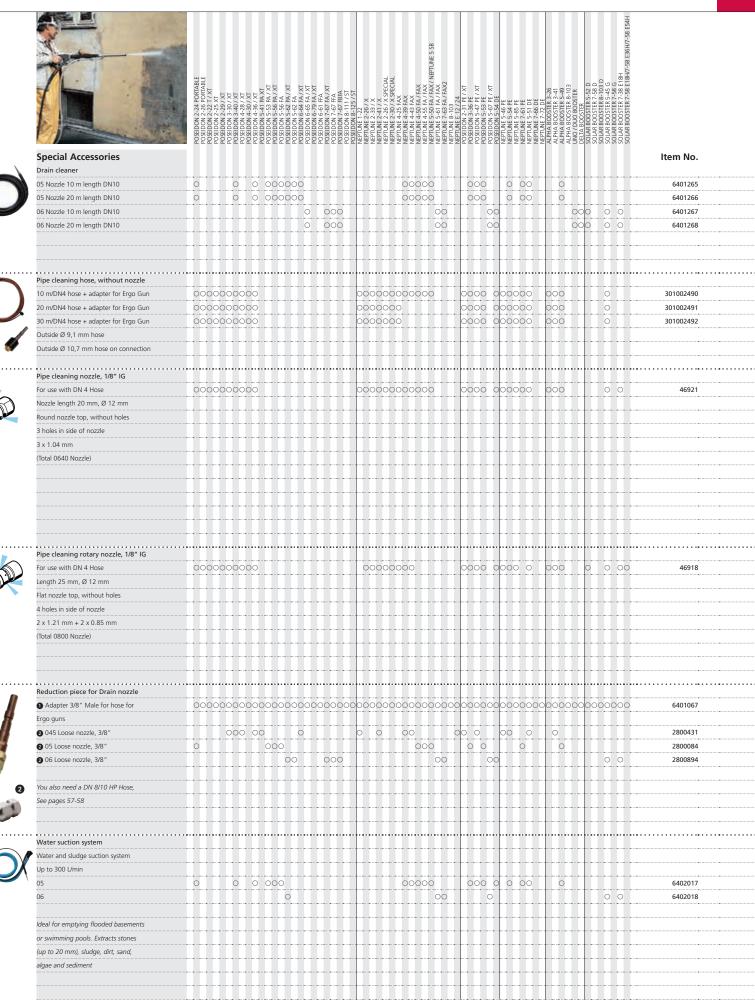


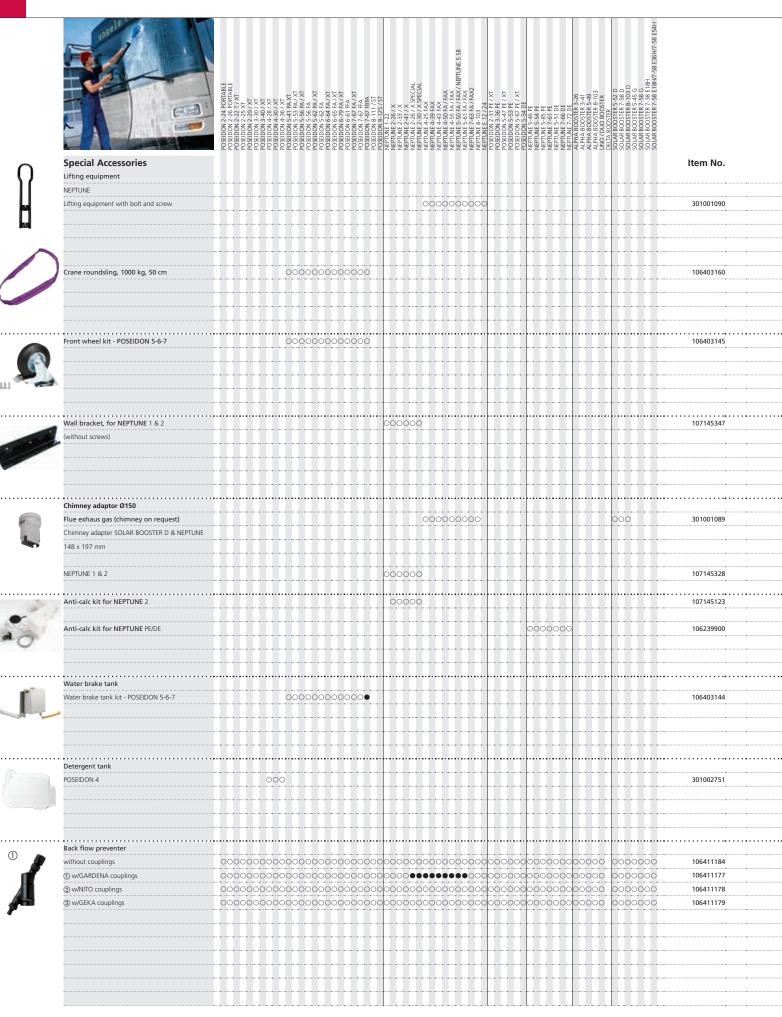




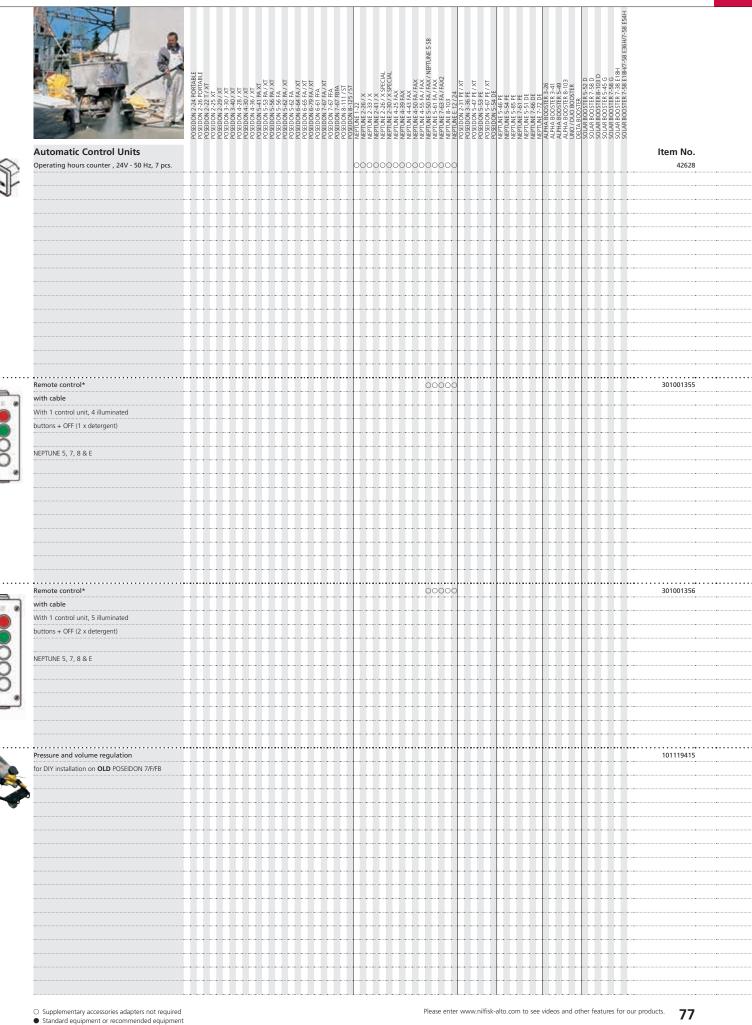
Please enter www.nilfisk-alto.com to see videos and other features for our products. \* For mounting of injectors on POSEIDON 5, 6 & 7, NEPTUNE 5 & 7 FA and NEPTUNE 8 with hose reels.











# Liquid sprayers







TECHNICAL DATA	1.5	8P	55	10SP <sup>1)</sup>	205
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	55	10SP <sup>1)</sup>	205
Pistol valve (excl. hose and lance)			• / 7110420		
Pistol valve (excl. hose and lance)				• / 7110403	• / 7110403
Manual pump, complete			• / 7110241		O / 7110241
Lance 50 cm with flat jet nozzle			• / 4810327	• / 4810327	• / 4810327
Spray gun, Pro acces			○ / 4810328	O / 4810328	
Foam nozzle G 1/4			○ / 308000057	O / 308000057	○ / 308000057

1) 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 •
- ٠ 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





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

- 23 I 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

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.





TECHNICAL DATA	B23 STAINLESS
Pump pressure (bar/MPa)	6/0.6
Water flow Qmax/QIEC (I/h)	90/90
Water temperature (water/steam) (°C)	15-85
Tank capacity (I)	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 customerspecific solution.



Option	Description	UNO	UNO	DUO	DUO	ALPHA	SOLAR	SOLAR
Option		BOOSTER	BOOSTER EXTENDED	BOOSTER	BOOSTER 7-121	BOOSTER 5	BOOSTER D/G	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. NOTE: For the DUO BOOSTER, the activation of detergent will only lead to the use of 1 of the 2 pumps' capacity.	na	107340900 Also need: Remote control box with 3 buttons	na	107340906 Also need: Remote control box with 3 buttons	107360900*	107370952 Also need: Remote control box with 4 buttons	107370952 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: For the DUO BOOSTER, the activation of detergent will only lead to the use of 1 of the 2 pumps' capacity.	na	107340901 Also need: Remote control box with 4 buttons	na	107340907 Also need: Remote control box with 4 buttons	107360901*	107370953 Also need: Remote control box with 5 buttons	107370953 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	UNO	DUO	DUO	ALPHA	SOLAR	SOLAR
		BOOSTER	BOOSTER	BOOSTER	BOOSTER			BOOSTER
			EXTENDED		7-121	BOOSTER 5	BOOSTER D/G	E/G
					, 121			2/3
Cold/Warm	Allows double water inlet (either hot or cold) and	Item No. na	Item No. 107340915	Item No. na	Item No.	Item No.	Item No.	Item No. 107370959 (E)
switchover	switchover between sources.	lid	107540915	IId		IId	lia	107370939 (E)
switchover	switchover between sources.							
		107240010	107240010	107240010	107240010		107240010	
Water inlet security	Comprises of a magnetic valve on the water tap, 5 m cable and a 24v, DC plug. If the hose breaks,	107340910	107340910	107340910	107340910	na	107340910	
	the valve on the tap closes, preventing water spill.							
	······································							
Remote control	On-Off = 2 buttons	107340911	107340911	107340911	107340911	107340911*	107340911	107340911
boxes	On-Off + 1 function	na	107340912	na	107340912	107340912*	107340912	107340912
boxes	(burner or option ) = 3 buttons	110	10/5/05/12		10/5/05/12	107510512	10/510512	107510512
	On-Off + 2 functions	na	107340913	na	107340913	107340913*	107340913	107340913
	(burner or option ) = 4 buttons							
	On-Off + 3 funtions	na	107340914	na	107340914	na	107340914	107340914
	(burner or option ) = 5 buttons							
	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 54332	54330 54332	54330 54332	54330 54332	54330* 54332*	54330 54332	54330 54332
	Mechanical, on-off + 1 detergent, €½ Mechanical, on-off + 1 detergent, €1	54332	54332	54332	54332	54333*	54332	54332
	Mechanical, on-off + 1 detergent, et	54334	54334	54334	54334	54334*	54334	54334
	incentancea, on on r r decengent, token	51551	5.551		5.551	51351	5.551	51551
Kit for coin box	It allows the mounting of mechanical coin boxes	107340908	107340908	na	na	na	na	na
	on UNO and DUO BOSTER Basic versions.							
	FROST PROTECTION Standard		107370954		107370954	na	107370954	107370954
	(Water wasted/no recirculation) Requires a built-in		107370934		107370934	IId	107570954	107370934
	pressure relief.							
	FROST PROTECTION Deluxe		107370955		107370955	na	107370955	107370955
	with heater							
M.M.O.	Allows connection of up to 3 SOLAR BOOSTER						107370964	107370964
	units together.							
Closed air intake for							107370965	107370965
gas models								
Stainless steel cabinet							107370963 (G/GH)	107370963 (G/GH)
parts							107370962 (D/EH)	107370962 (D/EH)
						1		

# Accessories for stationary pressure washer solutions



Basic equipment	Desired pressure	Desired flow	No. of pumps required	Item No.
Colour coded lance system for DELTA BOOST	R bar	l/h		
regulation for pressure and flow				
DELTA BOOSTER lance, 160 bar, 930 mm		4.020		22000
White Black	27 27	1.020	1 2	6300846 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				107370975
Anti-frost closed circuit kit				107370971
Remote control box, four buttons				
(stop, on, hot water, detergent)				107370973
Anti-calc kit				107370974
Self-service application accesso	ries -			
AUTO BOOSTER				
Self-service brush attachment	4020			106402241
Spray lance for brush attachment Water softener for AUTO BOOSTER	1020 mm			106402169 107370970
				107570370
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 - Inlei	1/4" - Outlet 1/4"	Stainless steel		309000209
<u></u>				
<ul> <li>(i) Swivel arm, wall boom, right side, 2000 mm - 1</li> </ul>	nlet 1/4" - Outlet 1/4"	Stainless steel		37742





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 efficently.

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 hygenic and odour free has never been easier.







SDV 4500

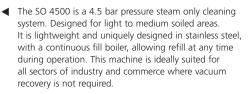


SDV 8000

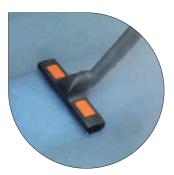


#### Your reliable and compact choice for everyday use

- Silent running ٠
- Steel construction
- Clear pressure display •
- Wide range of accessories included
- •
- Simple operator controls Light weight and highly manoeuvrable ٠
- Front locking castors



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.





TECHNICAL DATA	SO 4500
Steam pressure (bar)	4.5
Steam temperature (°C)	170
Vacuum function	No
Detergent tank	No
Water tank capacity (I)	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





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

- ٠
- 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

◀ 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.





TECHNICAL DATA	SV 8000
Steam pressure (bar)	8
Steam temperature (°C)	170
Vacuum function	Yes
Detergent tank	No
Water tank capacity (I)	5
Boiler capacity (l)	3.3
Voltage/phase/frequency/current (V/~/Hz/A)	230-240/1/50/13
Weight (kg)	25
FEATURES	
Continuous fill boiler	
Steam control switch	
Automatic safety shut off	
STANDARD EQUIPMENT	
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



#### 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

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 incrusted stains or for additional sanitisation effect. The vacuum pick-up ensures that cleaned areas are quickly ready for re-use.





TECHNICAL DATA	SDV 4500
Steam pressure (bar)	4.5
Steam temperature (°C)	170
Vacuum function	Yes
Detergent tank	Yes
Water tank capacity (I)	2.5
Boiler capacity (I)	1.8
Voltage/phase/frequency/current (V/~/Hz/A)	230-240/1/50/13
Weight (kg)	25
FEATURES	
Continuous fill boiler	
Steam control switch	
Automatic safety shut off	
STANDARD EQUIPMENT	
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 nozzlee including carpet, squeegee and brush attachment	•
150 mm steam and vacuum nozzle, including carpet, squeegee and brush attachement	•
Glass washer, 250 mm	
5 x brass and 5 nylon detail brushes	
ITEM NO.	45000005



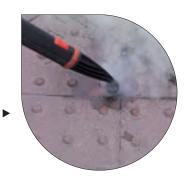


#### **Environmentalley friendly**

- 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

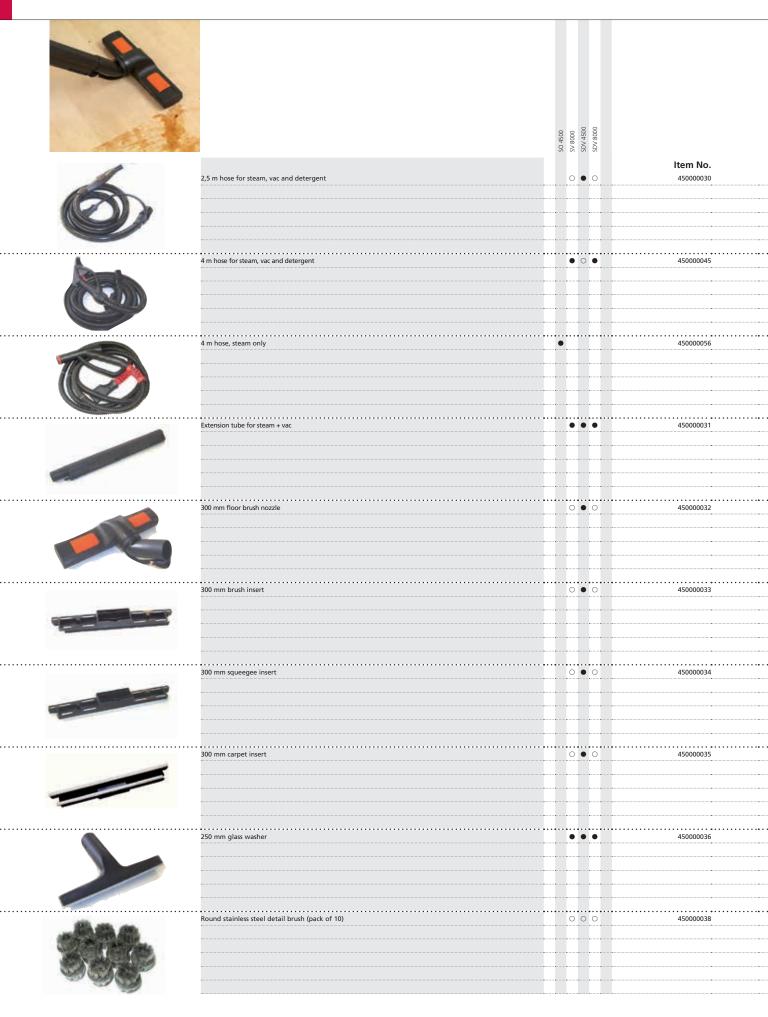
This powerful 8 bar commercial steam cleaning machine is made from a stainless steel construction for extra durability and high performance. With its integral vacuum system, steam cleaning becomes highly efficient leaving the surfaces clean and dry. The SDV 8000 is environmentally friendly and has been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

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





TECHNICAL DATA	SDV 8000
Steam pressure (bar)	8
Steam temperature (°C)	170
Vacuum function	Yes
Detergent tank	Yes
Water tank capacity (I)	5
Boiler capacity (l)	3.3
Voltage/phase/frequency/current (V/~/Hz/A)	230-240/1/50/13
Weight (kg)	35
FEATURES	
Continuous fill boiler	
Steam control switch	
Automatic safety shut off	•
STANDARD EQUIPMENT	
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 nozzlee 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.	4500007

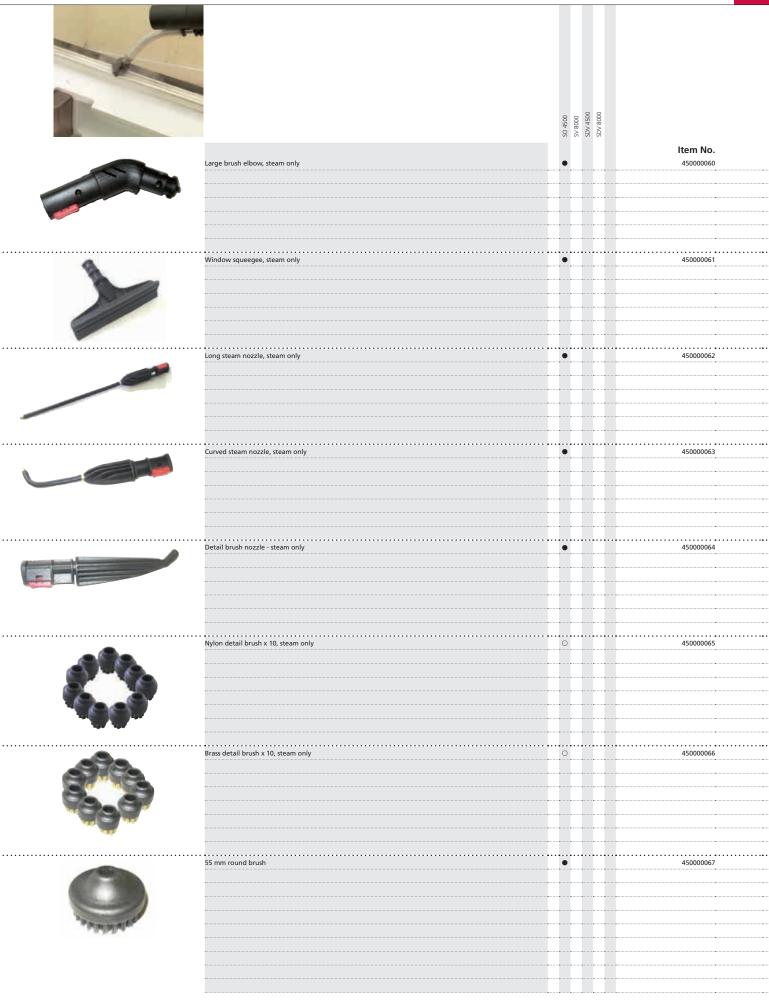


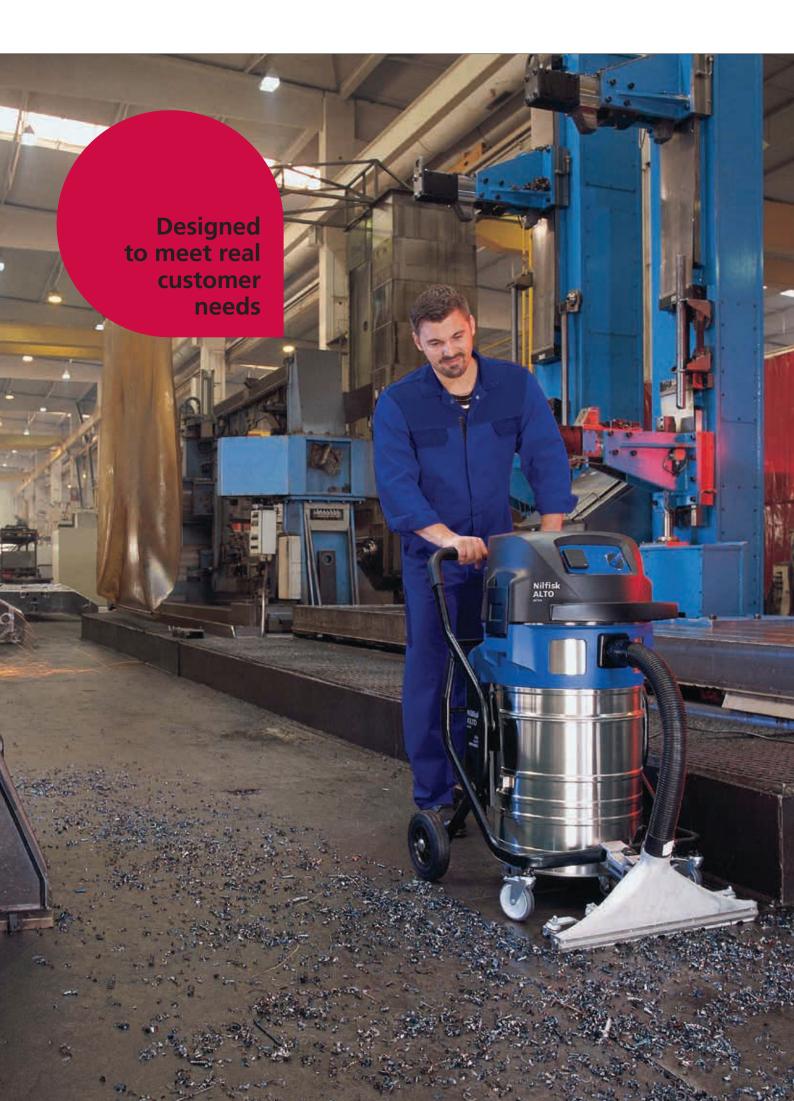


	Round polyester detail brush (pack of 10)	S0 4500 0 SV 8000 0 SPV 8000 0 SPV 8000	Item No. 450000039
• • • • • • • • • • • • • • • • • • •	Round brass detail brush (pack of 10)	0 0 0	450000040
	Upholstery suction tool	• • •	45000037
	400 mm floor brush nozzle	• • •	450000041
	400 mm brush insert	• • •	450000042
	400 mm squeegee insert		450000043
	400 mm carpet insert	•••	450000044 450000046
	150 mm steam and vacuum brush attachment	•••	450000047
	150 mm steam and vacuum squeegee attachment	•••	450000048
	Crevice tool	•••	450000049









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# Powerful, intelligent and ecomomical – 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 semiautomatic 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 demandig 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 requirred. 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 requirments. 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 healthendangering 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

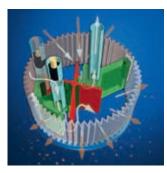
Dusts from dust classes L and M as well as explosive dusts may be picked up using these vacuum cleaners. These include all non-carcinogenic dusts with OEL values > 0.1 mg/m<sup>3</sup> and/or flammable dusts in ATEX ZONE 22 (previously Zone 11) applications.

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 tecnology 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.





# 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 semautomatic 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 ( $R \le 1MQ$ ) 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

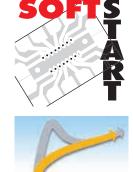
The EC System, used in all Nilfisk-ALTO ATEX ZONE 22 vacuums, is a single-phase drive system developed with an electronically commutated direct current motor. The motor is electronically controlled, making carbon brushes unnecessary.

#### 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







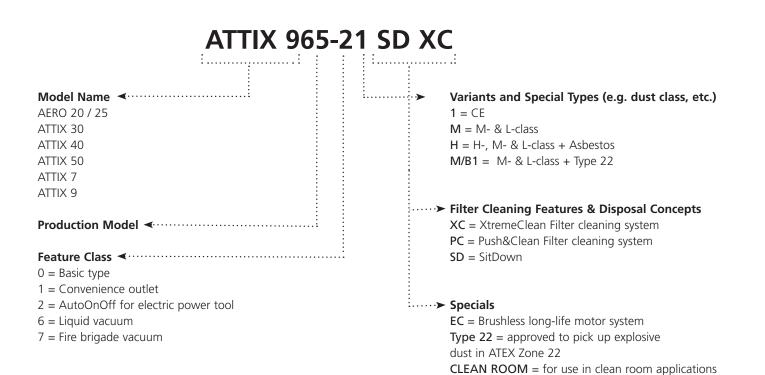






# Naming and acronyms

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









NanoFilter Advanced Fleece Technology



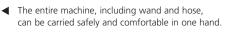


# SALTIX 10 – Commercial dry vac



#### 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



Secure and handy, easy to reach accessory storage.





TECHNICAL DATA	SALTIX 10
Air flow rate (l/min.)	1980
Vacuum (mbar/kPa)	220/22
Power PIEC (W)	1200
Working sound level (dB(A))	50
Container volume (I)	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
FEATURES	
DualFilter system	
Bumper protector of front wheel	
Suction power on hand tube	
Cable storage	
Parking clip for nozzle	•
STANDARD EQUIPMENT	
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
ITEM NO.	107402787





# 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

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.





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 Pmax (W)	1500	2 x 1500	
Power Piec (W)	1350	2 x 1350	
Working sound level (dB(A))	67	69	
Container volume (I)	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	
FEATURES			
Robust trolley with folding handle		•	
Tilting container		•	
Dual motor		•	
Drain hose		•	
Accessory holder and cable storage	•	•	
STANDARD EQUIPMENT			
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		
ITEM NO.	905 8321 010	905 8821 010	



# 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

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 semiautomatic filter cleaning system prevent loss of performance and increase the efficiency in your cleaning task.





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 (I)	20	20	20	20	20
Dimensions L x W x H (mm)	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
FEATURES					
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			•		•
STANDARD EQUIPMENT					
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
ITEM NO.	302002318	302002319	302003276	302002320	302002321





 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 (I)	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
FEATURES		
Filter cleaning system	Push&Clean	Push&Clean
Accessory holder	•	•
Cable storage	•	•
Suction control on hand tube	•	•
Power socket	•	•
AutoOnOff for electrical power tools		•
STANDARD EQUIPMENT		
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
ITEM NO.	302002323	302002324



## 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

- 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.





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 Pmax (W)	1500	1500	1500
Power Piec (W)	1200	1200	1200
Working sound level (dB(A))	59	59	59
Container volume (I)	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
FEATURES			
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			•
STANDARD EQUIPMENT			
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
ITEM NO.	302003405	302003406	302003407





The build 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.

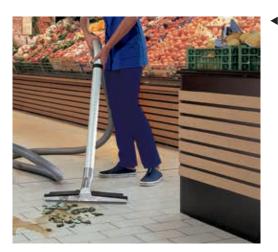




TECHNICAL DATA	ATTIX 30-21 PC	ATTIX 30-21 XC
Air flow rate (I/min.)	3700	3700
Vacuum (mbar/kPa)	250/25	250/25
Power Pmax (W)	1500	1500
Power Piec (W)	1200	1200
Working sound level (dB(A))	59	59
Container volume (I)	30	30
Mains connection (V/~/Hz)	230/1/50-60	230/1/50-60
Dimensions L x W x H (mm)	450 x 380 x 595	450 x 380 x 595
Weight (kg)	10	11
El cable (m)	7.5	7.5
FEATURES		
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		•
STANDARD EQUIPMENT		
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
ITEM NO.	107407544	107403508



#### Nilfisk ALTO



#### 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

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.





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 Pmax (W)	1500	1500	1500
Power Piec (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
FEATURES			
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			•
STANDARD EQUIPMENT			
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
ITEM NO.	302003414	302003415	107403512

• Standard feature AS=AntiStatic 1 pcs. included with machine.



#### 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

 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 userbenefit for fine dust applications.





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 Pmax (W)	1500	1500	1500
Power Piec (W)	1200	1200	1200
Working sound level (dB(A))	59	59	59
Container volume (I)	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
FEATURES			
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			•
STANDARD EQUIPMENT			
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
ITEM NO.	302003411	107407545	107403510





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.

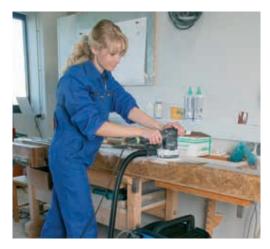


HEPA FILTER 99,995 - 99,999 % FILTRATION



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 Pmax (W)	1400	1400
Power Piec (W)	1100	1100
Working sound level (dB(A))	60	60
Container volume (I)	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
FEATURES		
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	•	•
STANDARD EQUIPMENT		
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
ITEM NO.	107400411	107400412

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



## Large, robust, ergonomic powerful and extremely silent

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

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.





TECHNICAL DATA	ATTIX 560-21 XC
Air flow rate (l/min.)	3600
Vacuum (mbar/kPa)	230/23
Power Pmax (W)	1500
Power Piec (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
FEATURES	
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	•
STANDARD EQUIPMENT	
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
ITEM NO.	302000583

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



#### 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

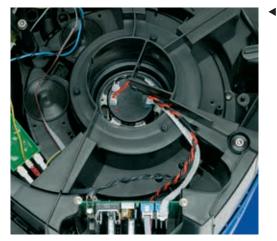
- The Wet&Dry ATTIX 7 is perfect for users who need a big capacity and highly efficient machine with a robust steel chassis. As our quietest vacuum ever, the ATTIX 7 model is a genuine solution for professional use.
- The high quality stainless steel container with 70 litre capacity features a tilt or lift-off option for disposal of debris an ergonomic and convenient solution for both dry dust and wet applications.





TECHNICAL DATA	ATTIX 751-11	ATTIX 751-21
Air flow rate (l/min.)	3600	3600
Vacuum (mbar/kPa)	230/23	230/23
Power Pmax (W)	1500	1500
Power Piec (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
FEATURES		
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	•	•
STANDARD EQUIPMENT		
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	
ITEM NO.	302001523	302001525





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 Pmax (W)	1500	1500
Power Piec (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
FEATURES		
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	•	
STANDARD EQUIPMENT		
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
ITEM NO.	302001533	302001536

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



#### Special solutions for special applications

- Built-in pump for continously 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

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 build-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.







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 Pmax (W)	1500	1500
Power Piec (W)	1200	1200
Working sound level (dB(A))	57	57
Container volume (I)	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
FEATURES		
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		
STANDARD EQUIPMENT		
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
ITEM NO.	302001529	302001530

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



## 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

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.





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 Pmax (W)	2 x 1500	2 x 1500
Power Piec (W)	2 x 1200	2 x 1500
Working sound level (dB(A))	67	67
Container volume (I)	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
FEATURES		
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		•
STANDARD EQUIPMENT		
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	
ITEM NO.	302002900	302002902





## 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

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.





TECHNICAL DATA	ATTIX 115-01	ATTIX 125-01
Air flow rate (l/min.)	8100	8100
Vacuum (mbar/kPa)	230/23	230/23
Power PIEC (W)	3 x 1000	3 x 1000
Working sound level (dB(A))	71	71
Container volume (I)	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
FEATURES		
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	•	•
STANDARD EQUIPMENT		
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
ITEM NO.	4010500044	4010500045

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



## 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 mobilityMultiFit adapter included for high flexibility in accessory choice

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.





TECHNICAL DATA	ATTIX 145-01	ATTIX 155-01
Air flow rate (l/min.)	5250	8600
Vacuum (mbar/kPa)	300/30	300/30
Power PIEC (W)	2200	4000
Working sound level (dB(A))	68	72
Container volume (I)	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
FEATURES		
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 survellance)	•	•
Pluge with phase inverter	•	•
STANDARD EQUIPMENT		
Star filter, PET L-class	40000338	40000338
MultiFit adapter Ø70/Ø50 mm	4072200392	4072200392
ITEM NO.	4030500151	4030800366

#### Nilfisk ALTO works for you



# 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 coiner or card reader versions

For further information, contact your local dealer.

- 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.





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 Pmax (W)	1700	2 x 1700
Power Piec (W)	1400	2 x 1400
Working sound level (dB(A))	75	75
Container volume (I)	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
FEATURES		
Automatic hose retraction	•	•
Electronic coiner with programming mode	•	•
SoftStart	•	•
Dual operation		•
STANDARD EQUIPMENT		
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 coiner, €0,5 / €1 / €2 / Token	302000305	2 x 302000305
ITEM NO INCLUDING ELECTRIC COINER	65481	65482

# 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: • Dusts with OEL values > 1mg/m <sup>3</sup>	-	
Μ	0.1%	Removes 99.9% of: • Dusts with OEL values > 0.1mg/m <sup>3</sup> • Wood dust	Low dust	
Η	0.005%	Removes 99.995% of: • Dusts with OEL values • Carcinogenic dusts • Dusts with germs or bacteria	Dust free	
Asbestos requirement	as H	Asbestos dust		
Explosive dusts (ATEX Zone 22)	<b>Type 22</b> - As Dust Class L, M or H, with additional requirements	• Dusts of dust explosion classes St1, St2 and St3 in ATEX Zone 22 (previously zone 11)	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  $> 1 \mbox{ mg/m3}.$ 



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.



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/m3 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.

# **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 at mosphere, 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 ٠ 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 MQ. ٠
- 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: (Ex) II 3D Ex tD A22 T 135 °C IP54







### **M-Class Health & Safety Vacuum cleaners**



#### For the professionals that also demand low noise operation, ergonomics, longlife and reliable performance

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

- 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.





TECHNICAL DATA	ATTIX 30-2M PC	ATTIX 30-2M XC	ATTIX 50-2M PC	ATTIX 50-2M XC
Air flow rate (I/min.)	3700	3700	3700	3700
Vacuum (mbar/kPa)	250/25	250/25	250/25	250/25
Power Pmax (W)	1500	1500	1500	1500
Power Piec (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
FEATURES				
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	•	•	•	•
STANDARD EQUIPMENT				
Suction hose	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 Pmax (W)	1500	1500
Power Piec (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
FEATURES		
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	•	•
STANDARD EQUIPMENT		
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
ITEM NO.	302001526	302001535

#### H-Class – Health & Safety Vacuum cleaners



## 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

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.





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 Pmax (W)	1150	1500	1500	1500	1500
Power Piec (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
FEATURES					
Filter cleaning system		Push&Clean	Push&Clean	Push&Clean	Push&Clean
Accessory holder and tool storage	•	•	•	•	•
SoftStart	•	•	•	•	•
AntiStatic (electronic discharge)		$\bigcirc$ AntiStatic ready	•	○ AntiStatic ready	•
AutoOnOff for electrical power tools			•		•
Speed control			•		•
Power socket			•		•
STANDARD EQUIPMENT					
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	
ITEM NO.	107407546	107400405	107400406	107400407	107400408

## Health & Safety Vacuum cleaners





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 (I/min.)	3700	3100	3600	2 x 3600
Vacuum (mbar/kPa)	250/25	230/23	230/23	250/25
Power Pmax (W)	1500	1200	1500	2 x 1500
Power PIEC (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
FEATURES				
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				•
STANDARD EQUIPMENT				
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		
ITEM NO.	107400409	302001519	302002174	302002903

#### TYPE 22 – Health & Safety Vacuum cleaners



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

- Brushless long life EC motors for ignitionsource-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.

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.





TECHNICAL DATA	ATTIX 40-0M PC TYPE 22	ATTIX 791-2M/B1	ATTIX 995-0H/M SD XC TYPE 22
Air flow rate (I/min.)	3200	3800	2 x 3200
Vacuum (mbar/kPa)	230/23	250/25	230/23
Power Pmax (W)	1400	1500	2 x 1400
Power Piec (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

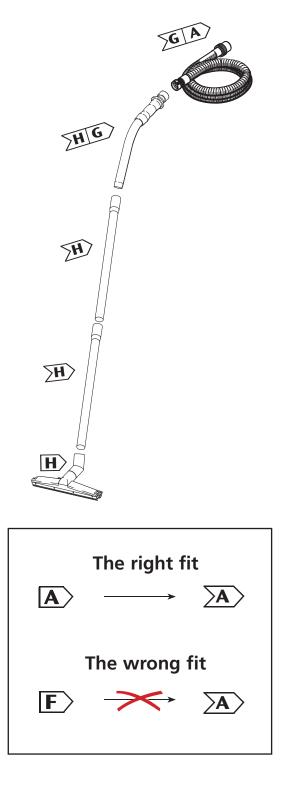


On the next pages you will find all accessories to fit your Nilfisk-ALTO vacuum cleaner and customize it to your specific demands.

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.



#### Accessory sets for vacuum cleaners

EXCEPT Type 22 vacuums





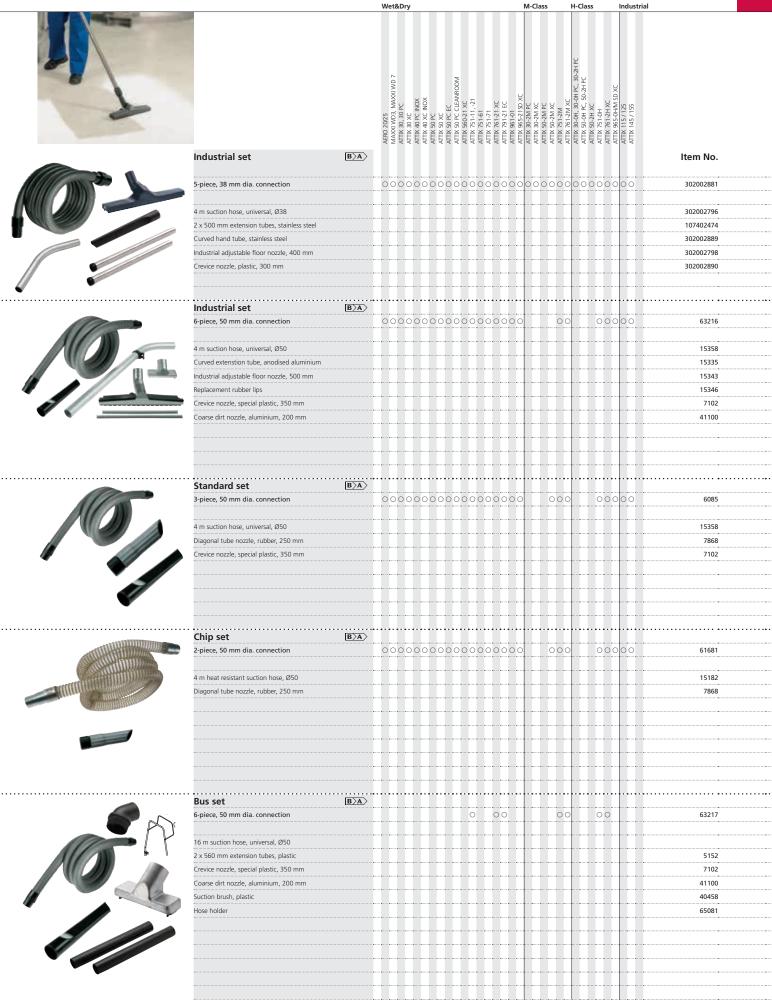
# Accessory sets for vacuum cleaners EXCEPT Type 22 vacuums

EXCEPT Type 22 vacuums		Wet&Dry	M-Class H-Class	Industrial
		AERO 2025 MAXXY W03, MAXXI WD 7 MAXXY W03, MAXXI WD 7 ATTX 30, 20 ATTX 30, 20 ATTX 40 FC INOX ATTX 40 FC INOX ATTX 50 FC CLEANROOM ATTX 50 FC CLEANROOM ATTX 51 -11, 21 ATTX 5	ATTIX 50-22.M.C. ATTIX 30-2.M.C. ATTIX 30-2.M.K.C. ATTIX 50-2.M.K.C. ATTIX 50-2.M.K.C. ATTIX 51-2.M.K.C. ATTIX 50-24.M.C. ATTIX 50-24.M.C. ATTIX 50-24.M.C. ATTIX 50-24.M.C.	ATTK 145/145 ATTK 145/145 ATTK 145/155
	Water vacuuming set H			Item No.
	3-piece, 36 mm dia. connection	000000000000000000000000000000000000000	000000000000000000000000000000000000000	00 7727
	2 x 500 mm extension tubes, stainless steel			15546
	Special floor nozzle, plastic, 400 mm Crevice nozzle, plastic, 300 mm			5149 6084
 	Oven cleaning set <b>F</b> >A>	••••••		•••••••••••••••••••••••••••••••••••••••
	3-piece, 38 mm dia. connection	000000000000000000000000000000000000000	0000000000000	00 14341
	4 m suction hose, heat resistant, Ø36			6070
	2.5 m anodised aluminium extension tube Oven nozzle "XL", 400 mm			15340 63380
				00000
	Animal care set KA			
//////	4-piece, 27 mm dia. connection	000000000000000000000000000000000000000		0 0 6095
	3.5 m suction hose, universal, Ø27			14289
	Spiked currycomb, plastic, for long hair Currycomb, plastic, for long hair			6094 6092
	Brush currycomb, plastic, for short hair			6093
 	Heating boiler cleaning set <b>H</b> )A	••••••		
	4-piece, 36 mm dia. connection	000000000000000000000000000000000000000		0 0 60430
	3 m suction hose, universal, Ø36			46948
	Hand tube, stainless steel			46691
	Universal nozzle, aluminium, 150 mm Crevice nozzle, 920 mm, crome-plated			5145
 	Pipe cleaning set <b>F</b> >A			
- /	4-piece, 38 mm dia. connection	000000000000000000000000000000000000000		000 63215
	4 m suction hose, universal, Ø38-Ø36			15365
	2.5 m extension tube, anodised aluminium			15340
1	Pipe cleaning nozzles for 70-120 mm dia. pipes Pipe cleaning nozzle for 120-220 mm dia. pipes			7964 8054
 	Industrial/floor set (H)A>	••••••		
	4-piece, 36 mm dia. connection	000000000000000000000000000000000000000		000 63214
	4 m suction hose, oil-resistant, Ø36			61779
	Curved hand tube, stainless steel			46691
	2 x 500 mm extension tubes, stainless steel Large capacity floor nozzle with rubber lips, 450 mm			15546

### Accessory sets for vacuum cleaners

EXCEPT Type 22 vacuums





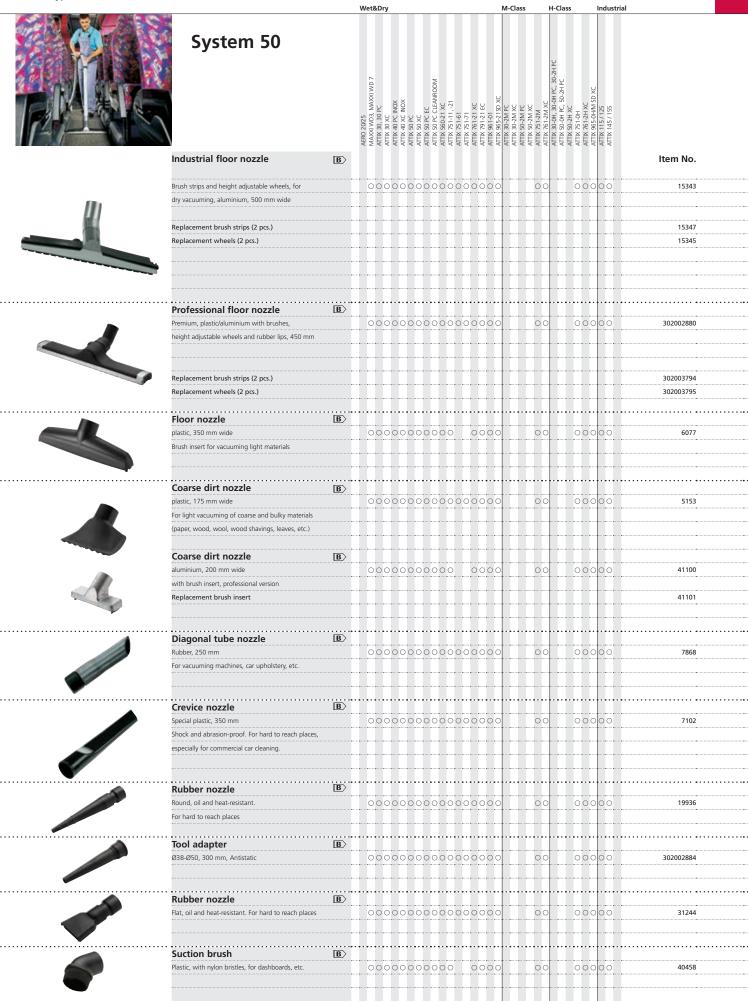
# Accessories for vacuum cleaners EXCEPT Type 22 vacuums

EXCE	PT Type 22 vacuums		Wet&Dry	M-Class H	I-Class	Industrial
		System 50	AERO 2025 AERO 2025 MAXXI VUD 7 ATTX 30 20 PC ATTX 30 XC ATTX 30 XC ATTX 30 XC ATTX 50 XC ATTX 50 PC CLANROOM ATTX 50 PC CLANROOM ATTX 50 PC CLANROOM ATTX 55 P1 CL ATTX 55 P1 CL	ATTR 30-2M PC ATTR 30-2M PC ATTR 50-2M PC ATTR 50-2M PC ATTR 51-2M PC ATTR 761-2M PC	АТТК 30-04, ВО-04РС, 30-24 РС АТТК 50-04 РС, 50-24 РС АТТК 50-24 АС АТТК 551-04 АТТК 561-24 ХС АТТК 563-047М 50 ХС	ATTK 145/155 ATTK 145/155
		Elbow				Item No.
		plastic, 90°	000000000000000000000000000000000000000	000000	000000	0 0 5089
		Adapter, Ø70-Ø50 mm, metal, MultiFit				0 0 4072200392
	~	Suction hoses – 50 mm dia.	•••••••••••••••••••••••••••••••••••••••		• • • • • • • • • • • •	
		Universal, 1.75 m	000000000000000000000000000000000000000	00	000	
		Universal, 4 m Oil-resistant, 4 m	000000000000000000000000000000000000000	+····+···+···+	000 000	
		Heat-resistant, 4 m	000000000000000000000000000000000000000	00	000	······································
		Antistatic, 4 m	000000000000000000000000000000000000000	++	000	00 15815
		Chips, 4 m	000000000000000000000000000000000000000	+	000	
		Metal, 4 m	000000000000000000000000000000000000000		000	00 15013
Si	hown, item no.: 15358					
		Hand tubes – Ø50-Ø36 mm Hand tube, curved, chrome-plated, turnable for connecting 36 mm dia. accessories	000000000000000000000000000000000000000	00	000	0 0 15341
		Hand tube, straight, chrome-plated, turnable for connecting 36 mm dia. accessories	000000000000000000000000000000000000000	00	000	0 0 15342
•		Adapter, 050/36 mm, plastic	000000000000000000000000000000000000000	00	000	0.0 40452
		Extension tubes SB Curved extension tube, aluminium, 1000 mm	000000000000000000000000000000000000000	00		0.0 15335
¢		Extension tube, plastic, 1050 mm (2 pcs.)	000000000000000000000000000000000000000	00	000	0 0 5152
		Fixed suction nozzles, aluminium	0 0000	00	000	302001481
Z	the second s	Replacement brush strip (1 pcs.) Replacement brush strip (2 pcs.)				7993 15814
		Industrial floor nozzle B Rubber lips and height adjustable wheels,	000000000000000000000000000000000000000	00		00 15344
-		for wet vacuuming, aluminium, 500 mm wide Replacement rubber lips (2 pcs.)				15346
		Replacement rubber lips, oil-resistant (2 pcs.) Replacement wheels (2 pcs.)				302000188 15345
		leas and other features for our products				

### Accessories for vacuum cleaners

EXCEPT Type 22 vacuums





# Accessories for vacuum cleaners EXCEPT Type 22 vacuums

	EXCEPT Type 22 Vacuums		Wet&Dry	M-Class	H-Class	Industrial
		System 38	A #60 2:025 A #60 2:025 A #70 2:005 A #71X 30. 50 C A #71X 30. 50 C A #71X 30. 50 C A #71X 30 F A #71X 30 F A #71X 50 F A #71X 50 F A #71X 50 F A #71X 51 -11 -21 A #71X 51-51 -1 A #71X 51-51	ATTX 955.2150 XC ATTX 30.5M/PC ATTX 30.2M/PC ATTX 30.2M/PC ATTX 50.2M/PC ATTX 50.2M/SC ATTX 51.2M/S	АТТК 30-0H, 30-0H PC, 30-2H PC АТТК 30-0H PC, 50-2H PC АТТК 30-2H XC АТТК 31-0H АТТК 761-14H XC АТТК 761-14H XC	ATTX 145 / 155 ATTX 145 / 155
		Pipe and oven cleaning $\Sigma E A $	>			Item No.
		Suction hose - Ø38-Ø36 mm dia. heat-resistant, 4 m	0000000000 000	0000000	000000	<b>6070</b>
		universal, 4 m	0000000000 000	0000000	000000	0 0 15365
		Extension tube		•••••••••••••••••••••••••••••••••••••••		
		Aluminium with thermal insulation, 2 m	> ००००००००००० ०००	0000000	000000	00 15339
		Aluminium with thermal insulation, 2.5 m	> 0000000000 000	0000000	000000	0 0 15340
• • • • • • • • • • •		Pipe cleaning nozzle	>			
		For external cleaning of pipes with a dia. of 70 - 120 mm		0000000		7964
		a dia. of 70 - 120 mm a dia. of 120 - 200 mm		00000000		
• • • • • • • • • • •		Oven nozzle F	······			
		Aluminium/steel 350 mm wide,		0000000	000000	6079
		Teflon scraper insert Replacement scraper insert, Teflon				6080
	State i state	Oven nozzle, "XL", 400 mm E Sturdy nozzle made of stainless steel with stainless steel scraper insert		0000000	000000	63380
	Shown, item no.: 63380	Replacement scraper insert, stainless steel				64930
• • • • • • • • • • •		Suction hose - 38 mm dia.	D	••••••••••••••••		
		Universal, 4 m Antistatic, 5 m	000000000000000000000000000000000000000			
		Extension tubes 🛛 🕅				
		Stainless steel, 2 x 500 mm	000000000000000000000000000000000000000	0000000	000000	0 0 107402474
	S					
		Hand tube DIC	000000000000000000000000000000000000000	0000000	000000	302002889
		Professional floor nozzle 🧵				
		Basic, plastic, 400 mm, with brushes and rubber lips	000000000000000000000000000000000000000	0000000	000000	
		Replacement brush set (2 pcs.) Replacement rubber lips (2 pcs.)				302003796 302003797
		Premium, plastic, 450 mm,	000000000000000000000000000000000000000	0000000	000000	0 0 <b>302002799</b>
		with brushes, height adjustable wheels and rubber lips Replacement brush set (2 pcs.)				302003794
		Replacement rubber lips (2 pcs.)				302003794 302003795
		Crevice nozzle	D			
		Plastic, 300 mm	000000000000000000	0000000	000000	302002890
		Tool adapter     Image: Compare the second sec	000000000000000000000000000000000000000	0000000	000000	302002884

## Accessories for vacuum cleaners

EXCEPT Type 22 vacuums





# Accessories for vacuum cleaners EXCEPT Type 22 vacuums

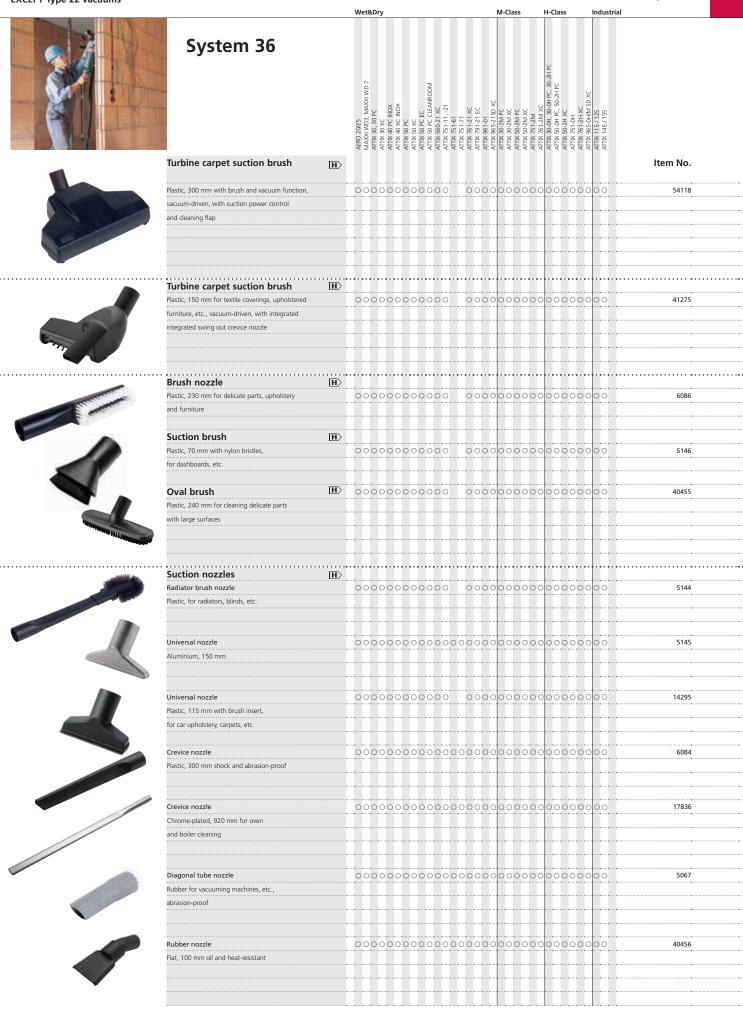
			Wet&Dry	M-Class	H-Class	Industri	ial
	System 36		025 w03, MAXXI WD 7 w03, MAXXI WD 7 03. PC 0 X 0 X 0 X 0 X 0 X 0 X 0 X 0 X 0 X 0 X	6121 XC 6121 EC 6191 EC 6521 50 XC 923M FC 923M FC 923M FC 512M	0-0H 30-0H РС, 30-2H РС 0-0H РС, 30-2H РС 3-2H РС 31-0H 31-0H 55-0HM SD XC	115/125 145/155	
52			AERO 2025 MAXXI WD: ATTX 90, 30, 30, 30, 30, 31 ATTX 40 PC ATTX 40 PC ATTX 50 PC ATTX 50 PC ATTX 50 PC ATTX 50 PC ATTX 50 PC ATTX 51-7 ATTX 751-7 ATTX 751-7	ATTIX 76 ATTIX 75 ATTIX 96 ATTIX 96 ATTIX 96 ATTIX 30 ATTIX 50 ATTIX 50 ATTIX 50 ATTIX 76	АПТК 30 АПТК 50 АПТК 50 АПТК 75 АПТК 75 АПТК 75 АПТК 75	АПК 11 АПК 14	
	Professional floor nozzle	H					Item No.
	Plastic, with brushes and rubber lips, 400 mm Replacement brush strips (2 pcs)		000000000000000000000000000000000000000	0000000000	000000	00	302003666 302003796
	Replacement rubber lips (2 pcs)						302003797
	Floor nozzle Aluminium, 330 mm	H	000000000000000	00000000000	000000	00	5147
~ ~	Replacement brush insert						6521
~	Large area floor nozzle	 H>					
	Aluminium 450 mm with rubber lips and height adjustable wheels for wet vacuuming		000000000000000000000000000000000000000	0000000000	000000	00	15349
	Replacement rubber lips						15352
	Replacement rubber lips oil resistant						302000186
Shown, item no.: 15349	Replacement wheels (2 pcs)						15345
	Large area floor nozzle Aluminium 450 mm with brush strips and height adjustable wheels for dry vacuuming		000000000000	0000000000	000000	00	15348
	Replacement brush strips						15351
	Replacement wheels (2 pcs)						15345
	Large area floor nozzle Aluminium 450 mm with special fluff strip and height adjustable wheels for textile floors		000000000000	0000000000	000000	000	15350
	Replacement special fluff strips (2 pcs) Replacement wheels (2 pcs)						15353 15345
•	Water suction nozzle	E)	••••••				
	Plastic 300 mm		000000000000000000000000000000000000000	0000000000	000000	00	7270
	Replacement wheels (2 pcs)						18794
	Special floor nozzle Plastic, 400 mm with corrugated rubber lips	E)	000000000000000000000000000000000000000	000000000	000000	0.0	5149
	and height adjustable wheels for wet and dry						5145
and the second s	vacuuming, especially at building sites						
	Replacement rubber lips						6114
	Parquet nozzle Plastic, 300 mm with long and soft horsehair	H>	000000000000000000000000000000000000000	0000000000	000000	00	64195
	bristles for a gentle and thorough cleaning of sensitive surfaces						
and the second se							
•		H				•••••	
	305 mm with brush and vacuum function, by an electric motor connected to a standard		0 0000000000	00 000000	000 00		11664
	equipment socket, 230 V, only -11 and -21 models						

 $\bigcirc\,$  Can be used. (Items included as standard can be seen on the machine pages)

## Accessories for vacuum cleaners

EXCEPT Type 22 vacuums





# Accessories for vacuum cleaners EXCEPT Type 22 vacuums









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	my wetwory m-class H-class industria	
System 32 / 27		
Bags & Filters	SALTK 10 ARM 2025 MAXAW 70 MAXAW 70 ATTK 30.30 F ATTK 30.30 F ATTK 30.30 F ATTK 30.30 F ATTK 30.30 F ATTK 30.30 F ATTK 30.31 F ATTK 30.71 M ATTK 51.41 ATTK 51.21 ATTK 51.21 ATTK 51.21 ATTK 51.21 ATTK 51.20 M ATTK 51.21 ATTK 51.21 ATTK 51.21 ATTK 51.21 ATTK 51.21 ATTK 51.20 M ATTK 51.21 ATTK 51.21 ATTK 51.21 ATTK 51.21 ATTK 51.20 M ATTK 51.21 ATTK 51.21 ATTK 51.21 ATTK 51.21 ATTK 51.20 M ATTK 51.21 ATTK 51.21 ATTK 51.20 M ATTK 51.21 ATTK 51.21 ATTK 51.20 M ATTK 51.21 ATTK 51.21 ATTK 51.20 M ATTK 51.21 ATTK 51.20 M ATTK 51.21 ATTK 51.20 M ATTK 51.21 ATTK 51.20 M ATTK 51.20 M ATTK 51.21 ATTK 51.20 M ATTK 51.21 ATTK 51.21 A	
Suction hoses <u>KA</u>	M = 2 = 2 = 4 = 4 = 4 = 4 = 4 = 4 = 4 = 4	Item No.
Antistatic, 32 mm dia., 5 m, with tool adapter		30657
Universal, 27 mm dia., 3.5 m, with tool adapter		14289
Antistatic, 27 mm dia., 3.5 m, with tool adapter	000000000000000000000000000000000000000	15325
Co-axial hose, 32 mm dia., 5 m, with tool adapter and air hose. For use with pneumatic tools in combination with airbox.	000000000 00 00000000 0	107400841
Animal care nozzles		•••••••••••••••••••••••••••••••••••••••
Spiked currycomb	00000000000 000000000000000000000000000	
Plastic, for long fur Replacement spiked currycomb insert		6094 15038
Currycomb Plastic, for long fur Replacement currycomb insert	000000000000000000000000000000000000000	6092 15037
Brush currycomb Plastic, for short fur Replacement brush currycomb insert	000000000000000000000000000000000000000	6093 15039
Bags & filters Filter bags Filter bags, paper (10 pcs)	0	140 8618 000
Filter bags, paper (5 pcs)	0	302001138
Fleece filter bags (3 pcs) Fleece filter bags (3 pcs)	0	147 0745 010 147 0746 010
Fleece filter bags (5 pcs)	0 0000 00	302002892
Fleece filter bags (5 pcs)	00 00	302004000
Fleece filter bags (5 pcs) Fleece filter bags (4 pcs) + Wet filter (1 pcs)	000000 00	302004004 302002404
Disposal bags (5 pcs)	00000 00 0	302000728
		302000804 302001480
Removal sack Disposal bags for safe disposal of filter element (10 pcs)		30082
e videos and other features for our products.	O Can be used. (Items included as standard can be see	n on the machine pages)

Dry Wet&Dry

M-Class

H-Class

Industrial

 $\bigcirc\,$  Can be used. (Items included as standard can be seen on the machine pages)

## Accessories for vacuum cleaners



EXCEPT Type 22 vacuums		/ Wet&Dry M-Class H-Class Indus	works for you
	Bags & filters	r Wet&Dry M-Class H-Class Indus	Item No.
	Filter support bags	0 0000 00	302000200
	Cotton bag, reusable, prevents burst of filter bag		302000200
	while vacuuming fine dust		
	Safety filter bag (5 pcs)	00	302001486
tellet	Filter material BIA-tested	•	302003473
-0 1111			107400233 107400236
	Filter elements		202000.400
	PET fleece, washable, Ø185 x 140 mm, 0,3 m² Paper/glass fibre, H-class, Ø211 x 140 mm, 0,8 m²	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	302000490 302000658
	PET Nano fibro washabla (6375 - 107 0.0 - 1	0 0 00 0	107400520
All All Manne	PET Nano-fibre, washable, Ø275 x 187 mm, 0,8 m² Paper/glass fibre, H-class, Ø275 x 187 mm, 1,0 m²		107400562 107400564
	DET floore uurshable		140 9595 500
	PET fleece, washable Motor filter	00	140 8686 500 140 8682 500
Shown, item no.: 302000490	Micro filter element HEPA tested. Crade 114	0 0 0 0 0 0 0	202001005
	Micro filter element, HEPA tested, Grade H14 Ø185 x 140 mm, 0,3 m <sup>2</sup>		302001095
	HEPA filter		107402902
	Motor filter C		147 0670 500
	Flat filter, PET Nano-fibre, washable (2 pcs), 0,5 m <sup>2</sup>		302002842 107400449
	Flat filter, paper/glass fibre, H-class (2 pcs), 0,5 m²	0	10/400449
Shown, item no.: 302002842			
	Filter element protective cover		11001
1200	Cloth filter for protection of the filter cartridge Best suitable for dust with fibres and		11801
327 P2	for coarse dust		
	Wet filter sieve, stainless steel		15475 302002885
			COOZUUZUC
23.			
	Cloth filter insert, special Needle felt, plastic coated. Best suitable for very	000000 0000	302000606
0	fine dust, hygroscopic dust and adhesive dust	0 00	302000525
	High level filtration efficiency		302002894
Shown, item no.: 302000606	Sack filter – MAXXI WD 3		140 8658 500
	Sack filter – MAXXI WD 7	0	140 9512 500
	Sack filter		147 1432 500
Shown, item no.: 140 9512 500			

 $\bigcirc\,$  Can be used. (Items included as standard can be seen on the machine pages)

# Accessories for vacuum cleaners EXCEPT Type 22 vacuums

EXCEPT Type 22 vacuums		Wet&Dry	M-Class	H-Class Ir	ndustrial
	Other accessories	AERO 2025 AERO 2025 ATTIX 30 30 F ATTIX 30 XC ATTIX 30 XC ATTIX 30 XC ATTIX 40 YC ATTIX 50 YC ATTIX 51 VC ATTIX 51		4 PC, 30-2H PC D-2H PC D-2H PC	ATIX 143 / 155 ATIX 143 / 155
	Exhaust air collector				Item No.
	Allows you to connect your hose for blowing, or connect to an exhaust pipe to the outside	0000000	0000	000	302003717 302000522
		00		0	302002621
 	Motor cooling air filter kit	0000000	0000	000	302003721 107400453
	Replacement filter (1 pcs)				10/400455
	Motor cooling air filter kit Replacement filter (5 pcs)	00 00	00	·····	302000491 302001871
					502001071
	Motor cooling air filter, PET fleece	00		0	107400041
 <u> </u>					
	Spark extinguisher Suppresses sparks before they enter the machine	0000000 00 00	000000	00000	34591
	NOT for B1, Type 22 machines				
	Storage box for suction hose Steel box for safe and convenient storage of	000000000000000000000000000000000000000		000000	302001554
	suction hose, tubes and nozzles.				
ST.					

# Accessories for vacuum cleaners

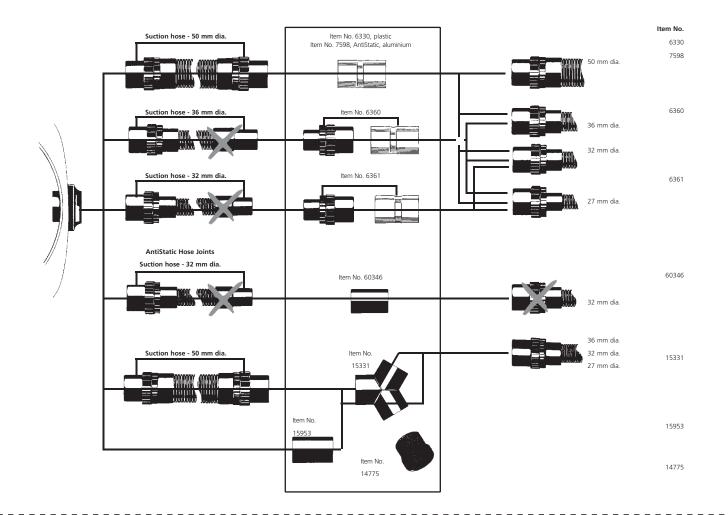


EXCEPT Type 22 vacuums	acuum cleaners			ALIO works for you
	Other accessories	Metggpty         Metggpty           A6fb0 2025         MAXXIW03 MAXXIW07           MAXXIW03 MAXIW07         MAXXIW07           A6fb0 2025         Affb0 2025           A7fb0 2025         Affb0 2025           A7fb0 2025         Affb0 2025           A7fb0 2025         Affb0 2025           A7fb0 202         Affb0 2025           Affb0 202 </th <th>2H PC 2H PC 2H PC</th> <th></th>	2H PC 2H PC 2H PC	
	Hose holder Convenient, organized storage for your short or long suction hose			Item No. 65081
	Forklift disposal device Container ATTIX 9 SD Complete	o o	0	302002622 302003127
	Accessory net Keeps your accessories close at hand Accessory basket Keeps your acceesories close at hand Accessory organizer	00 000	00 00	302000524 302002624 302002624
	Chip basket Collect large debris when wet vacuuming			302001612 302001434 302003003
	Air box 230 V 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 110/120 V			302001192

## Hose connection and distributors

EXCEPT Type 22 vacuums





### Suction hoses



Universal Colour:

Silver metalic. Ø27. Ø32. Ø36. Ø38. Ø50 Temperature at -50 to +60°C

#### Antistatic

Colour: To use:

To use:

#### **Oil-resistant**

Colour: To use: Bend radius:

Temperature at -60 to +120°C (short term +150°C) Ø27 r = 60 mm, Ø32 r = 70 mm, Ø36 r = 75 mm, Ø50 r = 120 mm

Black, Ø27, Ø32, Ø36, Ø50

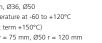
Brown, Ø36, Ø50

Temperature at -50 to +60°C



Heat-resistant Colour: Brown, Ø36, Ø50 To use: (short term +150°C) Bend radius:

Temperature at -60 to +120°C



Ø36 r = 75 mm, Ø50 r = 120 mm









Chips, abrasive Colour: Transparent, Ø50 Temperature at -40 to +90°C To use: (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





		•			•	:		•	
		$\rightarrow$	<b>M</b>		(התותות התותות התותות התותות התותות התותות התותות התותות התותות (ה	•		Ś	
engths as r	required	Nozzle side sleeve	•••••		By the metre	Vac	cum side sleeve	Complete	
-					– max 20 m			•	
				Item No.	Item No.		ltem No.	Length m	Item No.
ystem 70	Universal		<u>\</u> 0 70	42419	34947***	Ø70)	34955		
			•••••	·····				: :	
ystem 50	Universal		B	15101	11984	<b>A</b> >	15101	1.75	▶ <b>B</b> ▲ 19930 15358
	Oil-resistant		B	15101	•		15101	4	6468
	Heat-resistant Antistatic	Aluminium	B B	7162 15811	•••••••••••••••••••••••••••••••••••••••	. A> . A>	7162 15811	4	11061 15815
	Chips Metal	Aluminium	B	33435	15309	<b>A</b>	14630	4	15182 15013
			·····		107400052		107100040	•	
ystem 38	Universal		x	302002887	107400052 (only available in roll of 20 m)		107400049	4	<b>∑⊂ A</b> 302002796
	Antistatic					A	107401525	5	<b>CA</b> 107401368
	Universal		<u></u>	11597	11985		15102	•••••••••••••••••••••••••••••••••••••••	<b>HA</b> 15805
ystem 36			∑ <b>G</b>	46690*	11985	<b>▲</b> >	15102	3 4	>G         A         46948*           >G         A         25537*
	Oil-resistant Heat-resistant	Aluminium	∑G ∑E	46690* 7674**	6429 6429	· A> A>	15102 7673	3.5	GA         302001677*           EA         6070**
	neduri constanta	Aluminium Anti-kink spring	E	14194**	 			. 4	
	AntiStatic		S	46690*	15312		15812	3 4 5	G         A         60781*           G         A         63209*           G         A         302001682*
			<u>&gt;</u> H	14243	15312	: : (A)	15812	4	>         302001682*           >         >           >         >           >         >
	Electric tool	Connection DN 33-36 DIN 44717, DN 35-40 AS	<u> </u>	48070 48750				, , , ,	
•••••			•••••			•		· · · · · · · · · · · · · · · · · · ·	
ystem 32	Universal		G	46947*		:	15103		
	Antistatic	Hand tube	∑H ∑G	60911 46947*	14240****		15103	3	<b>HA</b> 302000473
		Electric tool	<u> </u>	107404564	43502	A	30928	5	<b>K A</b> 30657
iystem 27	Universal Antistatic	Electric tool Electric tool	∑K ∑K	107404520 107404520	15307 15326		15104 15369	•	K         A         14289           K         A         15325
								•	

C 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

## Accessories for health & safety vacuum systems Type 22

Our safety vacuum systems have been tested in accordance















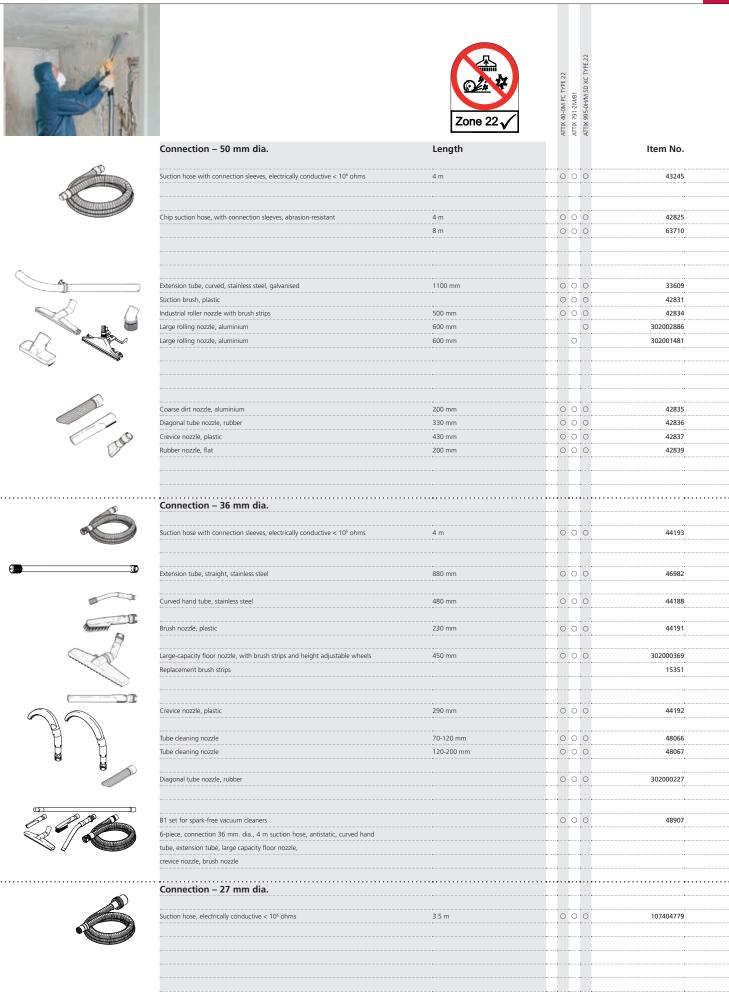


ONLY TYPE 22 accessories must be used to ensure continued conformity to the standards.	25 ATTK 40-0M PC TYPE 22 ATTK 791-2W/81 ATTK 995-0H/M SD XC TYPE	ltem No.
Safety filter bag (5 pcs.)		
2-ply, with film bag, BIA-tested, with sealing cap, for dust-free disposal of substances with TLV values	0	107400236 302001486
and carcinogenic substances	0	302003473
Filter bag (5 pcs.) Fleece filter bag	0	302004004
Fleece filter bag	0	302002892
Filter support bag	0	107402626
Removal sack (10 pcs.)	00	30082
Disposal bags for safe disposal of filter elements		
Disposal bags (5 pcs.)		302001480
	00	302001480
Filter element Paper/glass fiber, H-class, Ø275 x 187 mm, 1,0 m²	0	107400564
PET fleece, washable, Ø185 x 140 mm, 0,3 m²	00	302000490
Motor cooling air filter kit		302003721
Replacement filter fleece (1 pcs.)	0 0	107400453
Motor cooling air filter kit	0	302000491
Replacement filter fleece (5 pcs.)	0	302001871
Motor cooling air filter, PET fleece	0	107400041

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## Accessories for health & safety vacuum systems Type 22





## HOME CLEANER & TW 300 / CAR - Carpet extractors



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)

 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.





TECHNICAL DATA	HOME CLEANER	TW 300	TW 300 CAR
Cleaning width (mm)	260	260	260
Solution/Recovery tank (I)	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
FEATURES			
Single-phase	•	•	•
With fixed cable	•	•	•
Detergent tank	•	•	•
STANDARD EQUIPMENT			
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.	30300002	67009	30300006

## Accessories for carpet extractors



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	HOME CLEANER	TW 300	TW 300 CAR	
Standard equipment				Item No.
Spray and suction hose complete				
With sleeves, nipple and coupling Suction hose, Ø 32 mm, 3 m	0	•		34484
Suction hose, Ø 32 mm, 3 m	•••••••	0	••••••	48331
Spray hose		•	••••••	7359
		••••		
Tubes and carpet adapter				
Nozele x 1, 260 mm, stainless steel tube		•	••••••	7310 303000045
Nozzle x 1, 260 mm, stainless steel tube Nozzle x 1, 300 mm, with 4 spray tips	••••••	0	•••••••	15747
			<u> </u>	15/4/
Upholstery tool				
Plastic, with internal nozzle	0	0	•	6696
Aluminium with external nozzle		0	••••••	7335
Universal nozzle, plastic	•	0	0	14295
Pre-spray lance		0	······	
With 10 m spray hose, nipple and coupling	0	0	0	
•				
Vacuum cleaner set	0	0	0	7341
Consists of:				
Combi nozzle				8046
Water vacuuming nozzle				7270
Universal nozzle				14295
Crevice tool				6084 5146
Vacuum cleaning tube				11551
Curved hand tube, plastic				48332
Dust bag for 13 L (10 pack)				6695
Vacuum cleaning tube - Chromium-plated	0	0	0	11551
				477.42
Extension tubes, Ø36, 1 pcs.	•			15546
Combi nozzle, plastic	•	0	0	302000477
•				
	<b></b>			
Water vacuuming nozzle, plastic, 300 mm	0	0	0	63992
Crevice tool, plastic	•	0		6084
			<u> </u>	0004
Suction nozzle	•	0	0	47895
Suction brush, plastic	•	0	0	5146

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# 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 passesover 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.



Nilfisk ALTO works for you



## SCRUBTEC 233 – Small scrubber dryers



#### **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

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.





TECHNICAL DATA	SCRUBTEC 233
Cleaning width (mm)	330
Squeegee width (mm)	285
Theoretical surface performance (m <sup>2</sup> /h)	1320
Working speed (km/h)	4
Tank capacity solution/recovery (I)	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
FEATURES	
Clean and dry forward and backwards	
Cable version	
Delivered ready for use	
STANDARD EQUIPMENT	
Brushes, 2 pcs.	9097242000
Squeegees, 2 pcs.	9097542000
ITEM NO.	9087235020





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

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



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.





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 (I)	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
FEATURES	
Clean and dry forward and backwards	•
Cable version	
Delivered ready for use	
STANDARD EQUIPMENT	
Brush	L08425200
Squeegee kit 2 pcs.	9097353000
ITEM NO.	9087133020

## SCRUBTEC 337 – Small scrubber dryers

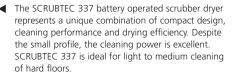


#### Easy cleaning, refilling and emptying - let you focus on the job

- Clear recovery lid ٠
- 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

ī

• Two tank system



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





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 (I)	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
FEATURES	
Battery version	
On-board charger	•
Delivered ready for use	•
STANDARD EQUIPMENT	
Brushes	9098529000
Battery, 12V 55 Ah	9098977000
On-board charger	
Squeegee	
ITEM NO.	9087302020

#### Nilfisk ALTO works for you



- 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
- Break-away squeegeeOffset brush deck with side
- Offset brush deck with side protection wheelRugged 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 (m²/h)	1720	1720	1720
Working speed (km/h)	4	4	4
Tank capacity solution/recovery (I)	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
FEATURES			
Cable version	•		
Battery version		•	•
On-board charger		•	•
Delivered ready for use	•		•
STANDARD EQUIPMENT			
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

Standard feature
 1 pcs. included with machine.

## SCRUBTEC 553 – Medium scrubber dryers



# 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

 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.





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 (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 (I)	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
FEATURES					
Cable version					
Battery version		•	•	•	•
On-board charger		0	•	0	•
Chemical mixing system	0	0	0	0	0
Traction drive				•	•
Adjustable brush pressure		0	0	•	•
Delivered ready for use	•		•		•
STANDARD EQUIPMENT					
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





# 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

- SCRUBTEC 651 is a medium-size walk-behind cylincrical 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.





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 (I)	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
FEATURES	
Battery version	
On-board charger	
Wet sweep function	•
Chemical mixing system	0
Traction drive	•
Delivered ready for use	
STANDARD EQUIPMENT	
Squeegee	909 6851 000
2 x battery, 105 Ah, maintenance free	80564400
On-board charger	909 6739 000
2 x brush	909 5823 000
ITEM NO.	9087193020

## SCRUBTEC 653 – Medium scrubber dryers



# 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

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.





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 (I)	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
FEATURES					
Cable version	•				
Battery version		•	•	•	•
On-board charger		0	•	0	•
Chemical mixing system	0	0	0	0	0
Traction drive				•	•
Adjustable brush pressure		0	0	•	•
Delivered ready for use	•		•		•
STANDARD EQUIPMENT					
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

#### Nilfisk ALTO works for you



#### 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 tanksLarge access to recovery tank
- speeds up cleaning time
- Adjustable scrubbing pressure provides the best results under all conditions

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.





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 (I)	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
FEATURES		
Battery version	•	•
On-board charger	0	•
Chemical mixing system	0	0
Traction drive	•	•
Adjustable brush pressure	•	•
Delivered ready for use		•
STANDARD EQUIPMENT		
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



# 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 tapks reduce dep
- recovery tanks reduce downtimeRear 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

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.





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 (I)	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
FEATURES				
Battery version	•	•	•	•
On-board charger	•	•	•	•
Chemical mixing system	0	0	0	0
Traction drive	•	•	•	•
Adjustable brush pressure	•	•	•	0
STANDARD EQUIPMENT				
Squeegee	10398A	10399A	10748A	10399A
ITEM NO.	05390E	05400E	05410E	05420E

### Nilfisk ALTO



#### 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



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

are no longer needed.

wheel) means that deck orientation follows the steering wheel to guarantee best cleaning performance with maximum comfort and minimum effort and side skirts

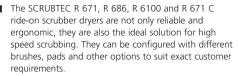
TECHNICAL DATA	SCRUBTEC R 466	SCRUBTEC R 471	SCRUBTEC R 471 C
Cleaning width (mm)	660	710	710
Squeegee width (mm)	890	890	890
Theoretical surface performance (m <sup>2</sup> /h)	3690	4260	4260
Working speed (km/h)	6	6	6
Tank capacity solution/recovery (I)	80/80	80/80	80/80
Power source, battery (V)	24	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
FEATURES			
Battery version	•	•	•
On-board charger	•	•	•
Chemical mixing system	0	0	0
Magic scrub deck	•	•	
Wet sweep function			•
Automatic speed control	•	•	•
Adjustable brush pressure	•	•	
STANDARD EQUIPMENT			
Squeegee	•	•	•
On-board charger	•	•	•
ITEM NO.	9087270020	9087271020	9087272020

## SCRUBTEC R 6 – Ride-on scrubber dryer



#### 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



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





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 (I)	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
FEATURES				
Battery version	•	•	•	
On-board charger	0	0	0	0
Chemical mixing system	0	0	0	0
Wet sweep function			•	
Adjustable brush pressure	•	•	•	•
STANDARD EQUIPMENT				
Squeegee	•	•	•	•
2 x brush	0	0	0	
3 x brush				0
ITEM NO.	56114004	56114005	56114008	56114006











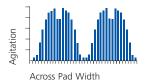
# Cleans better than a conventional disc scrubbers!

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.



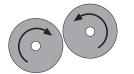
#### The unique BOOST™ pad

The unique BOOST<sup>™</sup> 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.

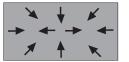




Across Pad Width



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



# 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 8Large access to recovery tank speeds
- up cleaning timeReduced 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

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.





TECHNICAL DATA	SCRUBTEC BOOST 5 COMBI	SCRUBTEC BOOST 8
Cleaning width (mm)	510	710
Squeegee width (mm)	770	890
Theoretical surface performance (m <sup>2</sup> /h)	2295	3410
Working speed (km/h)	4.5	4.5
Tank capacity solution/recovery (I)	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
FEATURES		
Battery version	•	•
On-board charger	•	•
Chemical mixing system	0	0
Traction drive	•	•
Adjustable brush pressure	•	•
Delivered ready to use	•	
STANDARD EQUIPMENT		
Squeegee	909 6851 000	10399A
Battery	80564300	
On-board charger	909 6739 000	•
Pad, red	997020	997001
ITEM NO.	9087257020	05370E

## SCRUBTEC BOOST R 4 – Ride-on BOOST scrubber dryers





# 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

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.





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 (I)	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
FEATURES	
Battery version	
On-board charger	
Chemical mixing system	0
Magic scrub deck	
Automatic speed control	
Adjustable brush pressure	
STANDARD EQUIPMENT	
Squeegee	
Pad, red	
On-board charger	•
ITEM NO.	9087273020







#### 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

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.





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
FEATURES	
Adjustable main broom	•
Adjustable side broom	•
Hopper with external handle	•
Foldable handle	•
Delivered ready to use	•
STANDARD EQUIPMENT	
Main broom	• x 2
Side broom	• x 2
ITEM NO.	9084803010



#### 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 ٠ 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	ВК 900
Working width, with/without side brooms (mm)	690/490
Theoretical surface performance (m <sup>2</sup> /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
FEATURES	
Adjustable main broom	•
Adjustable side broom	
Hopper with external handle	
Foldable handle	•
Delivered ready to use	•
STANDARD EQUIPMENT	
Main broom	60642
Side broom	60641
ITEM NO.	60441





# 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

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.

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





TECHNICAL DATA	FLOORTEC 350 B
Working width, with/without side brooms (mm)	720/500
Side broom, diameter (mm)	315
Theoretical surface performance (m <sup>2</sup> /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
FEATURES	
Battery version	•
On-board charger	•
Polyester filter	•
Dust control	•
Traction drive	•
Foldable handle	•
Delivered ready for use	•
STANDARD EQUIPMENT	
Main broom	1463174000
Side broom	146 3035 000
Battery, 12 V 46 Ah maintenance free	1464483000
ITEM NO.	908 4704 010



# 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

FLOORTEC 560 is the ideal solution for dust-free sweeping for in- and outdoor use and small to mediumsized 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.





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 (m <sup>2</sup> /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
FEATURES		
Battery version	•	
Petrol version		•
On-board charger	•	
Polyester filter	0	0
Dust control	•	•
Traction drive	•	•
Foldable handle	•	•
Delivered ready to use		•
STANDARD EQUIPMENT		
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





# 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
   botton on control page
- botton on control panelPowerful 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

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.





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 (m <sup>2</sup> /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 (I)		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
FEATURES		
Battery version	•	
Petrol version		•
On-board charger	•	
Polyester filter	0	0
Dust control	•	•
Wet sweep by-pass	•	•
Delivered ready to use		•
STANDARD EQUIPMENT		
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

◀



#### Made to meet your different cleaning needs

- Electrical filter shaker ٠
- 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 botton 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 •

FLOORTEC R 670 is a robust sweeper designed to

up to 20% ramp climbing capacity.

maintenance.

withstand tough working conditions - indoors or out. Excellent turning radius - for optimum work flow and

Easy access to all components - easy inspection and

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 (m <sup>2</sup> /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 (I)		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
FEATURES		
Battery version	•	
Petrol version		•
On-board charger	•	
Polyester filter	0	0
Dust control	•	•
Wet sweep by-pass	•	•
Delivered ready to use		•
STANDARD EQUIPMENT		
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



**180** Please enter www.nilfisk-alto.com to see videos and other features for our products.





- 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 hydralic 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 (m <sup>2</sup> /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
FEATURES	
Battery version	•
High variable dump	•
Polyester filter	0
Dust control	•
Wet sweep by-pass	•
STANDARD EQUIPMENT	
Main broom	146 1018 000
Side broom	146 1025 000
Main filter, paper	1463523000
ITEM NO.	9084514010

#### SPINTEC 443 / H / DS – Single discs



## 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 machineRubber bumper protects obstacles
- and machine from damages
- Quiet operation and long life
- Easy to operate
- Mains powered

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 wounded up it can be quick and easily released thanks to the quick release function.





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 lenght (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
FEATURES			
High speed polisher		•	
Dual speed polisher			•
Belt drive	•	•	•
Cable holder	•	•	•
High visibility cable	•	•	•
Integrated plug holder	•	•	•
ITEM NO.	56380065	56380068	56380070

#### **SPINTEC 551 UH – Single discs**

#### Nilfisk ALTO works for you



## 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



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.





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
FEATURES	
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



		SCRUBIEC 337 SCRUBIEC 343.2 SCRUBIEC 343.2 SCRUBIEC 8 & / SCRUBIEC BOOST 5 SCRUBIEC 8 / SCRUBIEC BOOST 8 SCRUBIEC R 4 / SCRUBIEC BOOST R 4 SCRUBIEC R 6	
Batteries and chargers	Pieces needed		Item No.
Battery 12 V-55 Ah AGM	1	•	9098977000
Battery 12 V-84 Ah	1	0	1464853000
Battery 12V-76Ah GEL Monoblock	2	0	80564310
Battery 12V-50Ah GEL Monoblock Battery 12V-68Ah AGM spiralcell **** Only with external charger	2	0	80564200 80561268
Battery 12V-52Ah AGM spiralcell **** Only with external charger	2	0	80561252
Charger HF 24V 30A for AGM spiralcell	1	0	80542432
Battery 12V-70Ah GEL Monoblock	2	0	80564300
Charger HF 24V 10A SB120R	1	0	80512410
Battery 12V-105Ah GEL Monoblock	2	0	80564400
Charger HF 24V 13A SB120R	1	0	80532413
Battery 12V-110Ah WET Semi T Monobloc	2	0	L00200049
Charger HF 24V 13A SB120R Battery 12V-110Ah WET Tubular Monobloc	1	0	80532413 80564600
Battery 122-110An WE1 Tubular Monobioc Battery filling system	1	0	7116077
Charger HF 24V 13A SB120R	1	0	80532413
Battery 12V-85Ah WET Semi T Monobloc	2	0	80564800
Battery filling system	1	0	7116062
Charger HF 24V 10A SB120R	1	0	80512410
Battery 12V-85Ah wet semi traction monobloc	2	0	80564800
Battery filling system	1	0	7116062
Charger HF 24V 10A SB120R	1	0	80512410
Battery 12V-68Ah AGM spiralcell **** Only with external charger	2	0	80561268
Charger HF 24V 30A for AMG spiralcell Battery 6V-255Ah WET Semi T Monobloc	1	0	80542433 80565000
Battery filling system	1	0	7116054
Battery 24V-240Ah WET in tray with BFS	1	0	L00290018
Battery filling system	1	0	7116054
Battery 6V-180Ah WET Tubular Monobloc	4	0	80564500
Battery filling system	1	0	7116054
Battery 6V-240Ah GEL Monoblock	4	0	80564100
Battery 24V-220Ah GEL Single Cells in tray	1	0	L00210012
Battery 6V-180Ah GEL Monoblock	4	0	80564000
Battery 6V-200Ah WET Tubular Monobloc Battery 6V-180Ah GEL Monoblock	4	0	80563200 80564000
Battery 6V-285Ah WET Semi T Monobloc	4	0	7116015
Charger HF 24V 30A SB175R	1	0	80542431
Battery 24V-320Ah WET in tray with Aquamatic	1	0	L00290016
Battery 24V-360Ah WET in tray with Aquamatic	1	0	80561311
Battery 24V-400Ah WET Welded cells w/o tray	1	0	80561312
Charger HF 24V 40A SB175R	1	0	80542440
Battery 6V-240Ah GEL Monobloc	4	0	80564100
Charger HF 24V 25A SB175R	1	0	80542426
Battery 6V-320Ah GEL Single Cells in tray Charger HF 24V 40A SB175R	1	0	80561411 80542440
Kit On-board charger-EU	1	0	56114260
			······
	<b>↑</b> .	······································	
	Item no. ali	ways consists of one piece.	

## Batteries and chargers for sweepers



		FLOORTEC 350 B FLOORTEC 560 B FLOORTEC 360 B FLOORTEC R 670 B FLOORTEC R 630 B	
Batteries and chargers	Pieces needed		Item No.
attery 12V-49Ah AGM Monobloc	1	•	1464483000
attery 12V-87Ah AGM Monobloc	1	0	1464484000
attery 6V-180Ah WET Tubular Monoblock	2	0	80564500
attery filling system	1	0	7116074
harger HF 12V 20A SB50G	1	0	80521210
attery 6V-180Ah GEL Monoblock	2	0	80564000
harger HF 12V 20A SB50G	1	0	80521210
attery 12V-110Ah WET Tubular Monoblock	1	0	80564600
attery filling system	1	0	7116075
harger HF 12V 13A SB50G	1	0	80531213
attery 12V-105Ah GEL Monoblock	1	0	80564400
harger HF 12V 13A SB50G	1	0	80531213
attery 12V-85Ah WET Semi T Monoblock	1	0	80564800
harger HF 12V 10A SB50G	1	0	80511210
attery filling system	1	0	7116075
attery 12V-144Ah WET Semi T Monoblock	2	0	80565100
attery filling system	1	0	7116056
harger HF 24V 20A SB120R	1	0	80522420
attery 12V-110Ah WET Tubular Monoblock	2	0	80564600
attery filling system	1	0	7116077
harger HF 24V 13A SB120R	1	0	80532413
attery 12V-105Ah GEL Monoblock	2	0	80564400
harger HF 24V 13A SB120R	1	0	80532413
attery 12V-85Ah WET Semi T Monoblock	2	0	80564800
attery filling system	1	0	7116062
harger HF 24V 10A SB120R	1	0	80512410
attery 12V-68Ah AGM spiralcell	2	0	80561268
harger HF 24V 30A OPTIMA SB120R	1	0	80542433
attery 24V-300Ah WET in tray with BFS	1	0	80563300
harger HF 24V 30A SB120R	1	0	80542430
attery 24V-275Ah GEL Single Cells in tray	1	0	L00210022
harger HF 24V 30A SB120R	1	0	80542430
attery 6V-200Ah WET Tubular Monoblock	4	0	80563200
attery filling system	1	0	7116054
harger HF 24V 25A SB120R	1	0	80542425
attery 6V-200Ah WET Semi T Monoblock	4	0	80564900
attery filling system	1	0	7116055
harger HF 24V 25A SB120R	1	0	80542425
attery 24V-300Ah WET with tray and aquamatic	1	0	80563300
harger HF 24V 30A SB175R	1	0	80542431
attery 6V-255Ah WET Semi T Monoblock	4	0	80565000
attery filling system	1	0	7116054
harger HF 24V 30A SB175R	1	0	80542431
attery 6V-200Ah WET Semi T Monoblock	4	0	80564900
harger HF 24V 25A SB175R	1	0	80542426
attery 6V-180Ah GEL Monoblock	4	0	80564000
harger HF 24V 20A SB175R	1	0	80522421
attery 24V-330Ah GEL Single Cells in tray	1	••••••	80565300
harger HF 24V 40A SB175R	1	0	80542440
	-		

**186** Please enter www.nilfisk-alto.com to see videos and other features for our products.

### Brushes for scrubber dryers







			scrubtec 233 scrubtec 337 scrubtec 337 scrubtec 533,653 scrubtec 651 scrubtec 651 scrubtec 866 scrubtec 871 scrubtec 871 s	SCRUBTEC R 471 SCRUBTEC R 671 SCRUBTEC R 671 C SCRUBTEC R 686 SCRUBTEC R 6100	
and the second second	<b>Brushes</b> Universal/Union Mix	Pieces needed			Item No.
	12" (305 mm)	2	0		L08603875
	13" (330 mm)	2	OOOOOOO		303000381
SERV. SUBS	14" (355 mm)	2		0	303000382
	14" (370 mm)	1	0	~	9099007000
and the second	17" (430 mm)	1	0		909 5694 000
	17" (430 mm)	2	0		303000384
	21" (530 mm)		0		L08837027
	21 (350 mm)				200037027
•••••••••••••••••••••••••••••••••••••••	Polypropylene	•••••••••••••••••••••••••••••••••••••••	••••••	•••••	••••••
	6.5" (165 mm)	2	•		9097242000
and the second second	6.5" (165 mm)	2	0		9097543000
	12" (305 mm)	2	0		L08603842
1. 32 ( )	12.5" (318 mm)	3		0	56114218
	13" (330 mm)	2	0 0		11438A
<b>这些好我们的问题,你不是</b>	13.5" (343 mm)	2		0	56114223
	14" (355 mm)	2	0	0	11427B
	14" (370 mm) - light	1	•		9099006000
	14" (370 mm)	1	0		9098529000
	16.5" (420 mm)	2		0	56114228
	17" (430 mm)	2	0		11424B
	21* (530 mm)	1	0		L08837025
	Nylon				
	12.5" (318 mm)	3		0	56114219
A STATE OF THE STA	13" (330 mm)	2	0 0		11437A
	13.5" (343 mm)	2		0	56114224
	14" (355 mm)	2	0	0	10874A
A STATE OF ST	16.5" (420 mm)	2		0	56114229
	17" (430 mm)	2	0		10875A
				•••••	·····
	Light grit				
	12.5" (318 mm)	3		0	56114220
	13" (330 mm)	2	0 0		10382A
	13.5" (343 mm)	2		0	56114225
and the second se	14" (355 mm)	2	0 (	0	10383A
	16.5" (420 mm)	2		0	56114230
A STATE OF THE STA	17" (430 mm)	1	0		909 5691 000
	17" (430 mm)	2	0		10384A
	21* (530 mm)	1	0		L08837028





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

Please enter www.nilfisk-alto.com to see videos and other features for our products. 187

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## Brushes for scrubber dryers









	Brushes	Pieces needed	SCRUBTEC 233 SCRUBTEC 234 SCRUBTEC 234 SCRUBTEC 353/ SCRUBTEC BOOS SCRUBTEC BOOS SCRUBTEC 651 SCRUBTEC 651 SCRUBTEC 651	SCRUBTEC SCRUBTEC SCRUBTEC SCRUBTEC SCRUBTEC	SCRUBTEC SCRUBTEC SCRUBTEC SCRUBTEC SCRUBTEC SCRUBTEC SCRUBTEC	Item No
	Clean grit					
	12" (305 mm)	2	0			L0860387
	12.5" (318 mm)	3			0	5611422
	13" (330 mm)	2	0	C	)	11439/
	13.5" (343 mm)	2			0	5611422
	14" (355 mm)	2		0	0	11431
		1	0			909900900
	16.5" (420 mm)	2			0	5611423
	17" (430 mm)	1	0			909 5692 00
and the second se	17" (430 mm)	2		0		11430
	21" (530 mm)	1	0			L0883702
				••••••		
••••••	Super grit	•••••••••••••••••••••••••••••••••••••••	••••••	• • • • • • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •
	12" (305 mm)	2	0			L0860387
	12.5" (318 mm)	3	9		0	5611422
	13" (330 mm)	2	0	C	· · · · · · · · · · · · · · · · · · ·	11440
A STATE OF THE OWNER	13.5" (343 mm)	2			0	5611422
	14" (355 mm)	2		0	0	11426
	14" (370 mm)	1	0	~	~	909900800
COPURAL UNITED	16.5" (420 mm)	2	~		0	5611423
	17" (430 mm)	2		0		11425
and the second	21" (530 mm)	1	0			L0883706
	21 (3501111)		Ŭ.			2000570
	Cylindrical Polypropylene					
	490 mm	2	0			909 5823 00
	690 mm	2		0	0	5641204
	690 mm	2			0	30614
the second second						
and the second se		-				
	Nylon					
	Nylon 430 mm	1	0			L0842520
	•••••••••••••••••••••••••••••••••••••••	1 2	0			
	430 mm			0	0	909 5824 00
	430 mm 490 mm	2		0	0 0	909 5824 00 5641219
	430 mm 490 mm 690 mm	2 2		0	· · • · · · · • • · · · • • · · · •	909 5824 00 5641219
	430 mm 490 mm 690 mm	2 2		0	· · • · · · · • • · · · • • · · · •	909 5824 00 5641219
	430 mm 490 mm 690 mm	2 2		0	· · • · · · · • • · · · • • · · · •	909 5824 00 5641219
	430 mm 490 mm 690 mm 690 mm Clean grit 430 mm	2 2 2 1		0	0	909 5824 00 5641215 30615
	430 mm 490 mm 690 mm 690 mm Clean grit 430 mm 690 mm	2 2 2 1 1 2	0	0	0	909 5824 00 5641215 30615 L0842530 5641215
	430 mm 490 mm 690 mm 690 mm Clean grit 430 mm	2 2 2 1	0		0	909 5824 00 5641219 30615 L0842530 5641219
	430 mm 490 mm 690 mm 690 mm Clean grit 430 mm 690 mm	2 2 2 1 1 2	0		0	909 5824 00 5641219 30615 L0842530 5641219
	430 mm 490 mm 690 mm 690 mm Clean grit 430 mm 690 mm	2 2 2 1 1 2	0		0	L0842520 909 5824 00 5641219 30615, L0842530 5641219 30616,
	430 mm 490 mm 690 mm 690 mm Clean grit 430 mm 690 mm	2 2 2 1 1 2	0		0	909 5824 00 5641215 30615 L0842530 5641215
	430 mm 490 mm 690 mm 690 mm Clean grit 430 mm 690 mm 690 mm 590 mm	2 2 2 1 1 2	0		0	909 5824 00 5641219 30615 L0842530 5641219
	430 mm 490 mm 690 mm 690 mm Clean grit 430 mm 690 mm 690 mm	2 2 2 1 1 2	0		0	909 5824 00 5641219 30615 L0842530 5641219 30616
	430 mm 490 mm 690 mm 690 mm Clean grit 430 mm 690 mm 690 mm 590 mm	2 2 2 1 2 2 2 2 1 2 2 1 2 2	0		0	909 5824 00 5641219 30615 L0842530 5641219
	430 mm 490 mm 690 mm 690 mm 430 mm 690 mm 690 mm 590 mm 590 mm 430 mm	2 2 2 1 2 2 2 2 1	0		0	909 5824 00 5641215 30615 L0842530 5641219 30616
	430 mm 490 mm 690 mm 690 mm 430 mm 690 mm 690 mm 590 mm 590 mm 430 mm 430 mm	2 2 2 1 2 2 2 2 1 2 2 1 2 2	0	0	0	909 5824 00 5641215 30615 L0842532 5641219 30616 L0842542 909 5825 00 5641215
	430 mm 490 mm 690 mm 690 mm 690 mm 690 mm 690 mm 590 mm 590 mm 430 mm 430 mm 490 mm	2 2 2 1 2 2 2 2 2 1 2 2 2 2 2 2	0	0	0 0 0	909 5824 00 5641215 30615 L0842532 5641219 30616 L0842542 909 5825 00 5641215
	430 mm 490 mm 690 mm 690 mm 690 mm 690 mm 690 mm 590 mm 590 mm 430 mm 430 mm 490 mm	2 2 2 1 2 2 2 2 2 1 2 2 2 2 2 2	0	0	0 0 0	909 5824 00 5641215 30615 L0842530 5641219 30616 L0842540 L0842540 909 5825 00
	430 mm 490 mm 690 mm 690 mm 430 mm 690 mm 690 mm 590 mm 590 mm 430 mm 490 mm 690 mm	2 2 2 1 2 2 2 2 2 1 2 2 2 2 2 2	0	0	0 0 0	909 5824 00 5641213 30615 L0842532 5641219 30616 L0842542 909 5825 00 5641219

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### Pads and pad drivers for scrubber dryers







Pads	Pieces needed	Packed	SCRUBTEC 2 SCRUBTEC 3 SCRUBTEC 3 SCRUBTEC 5	SCRUBTEC B SCRUBTEC 6 SCRUBTEC 8 SCRUBTEC 8 SCRUBTEC 8 SCRUBTEC 8	SCRUBTEC BOOST 8 SCRUBTEC R 466 SCRUBTEC R 471 SCRUBTEC R 671 SCRUBTEC R 686 SCRUBTEC R 6100	Item No.
EcoPad, white (175-600 RPM)						
EcoPad, white (175-600 RPM) 6.5" (165 mm)	2	5	0			10001968
6.5" (165 mm) 12" (305 mm)	2	5	0	0		10001968
12" (305 mm) 13" (330 mm)	3**/2/1*	5	0	0	0 0	10001909
13" (330 mm) 14" (355 mm)	2/1*	5	0	0	00	10001915
14 (355 mm) 17" (430 mm)	2/1*	5	0	0	00	10001921
21" (530 mm)	1	5	0		Ť	10001936
EcoPad, red (175-600 RPM)			•••••			
6.5" (165 mm)	2	5	0			10001969
12" (305 mm)	2	5		0		10001908
13" (330 mm)	3**/2/1*	5	0	0	0 0	10001914
14" (355 mm)	2/1*	5	0	0	00	10001920
17" (430 mm) 21" (530 mm)	2/1*	5	0	0	0	10001941 10001965
			0			
EcoPad, blue (175-600 RPM) 12" (305 mm)	2	5		0		10001905
12" (305 mm) 13" (330 mm)	3**/2/1*	5	0	0	0 0	10001905
14" (355 mm)	2/1*	5	0	0	00	10001911
17" (430 mm)	2/1*	5	0	0	00	10001917
21" (530 mm)	1	5	0	••••••		10001959
EcoPad, brown (175-600 RPM)			•••••			•••••••••••••••••••••••••••••••••••••••
6.5" (165 mm)	2	5	0			10001970
12" (305 mm)	2	5		0		10001906
13" (330 mm)	3**/2/1*	5	0	0	0 0	10001912
14" (355 mm)	2/1*	5	0	0	00	10001918
17" (430 mm)	2/1*	5	0	0	0	10001971
21″ (530 mm)	1	5	0			10001963







## Pads and pad drivers for scrubber dryers









				SCRUBTEC 233 SCRUBTEC 337 SCRUBTEC 337 SCRUBTEC 343.2 SCRUBTEC 553/653	SCRUBTEC 661 SCRUBTEC 661 SCRUBTEC 866 SCRUBTEC 87 SCRUBTEC 871 SCRUBTEC 876 SCRUBTEC 876 SCRUBTEC 800577.8	SRUBIEC R 466 SCRUBIEC R 471 SCRUBIEC 8 0057 R 4 SCRUBIEC R 671 SCRUBIEC R 671 SCRUBIEC R 6610	
	Pads	Pieces needed	Packed				Item No.
	EcoPad, black (175-600 RPM)						
	12" (305 mm)	2	5		0	0	10001904
	13" (330 mm)	3**/2/1*	5	0	0	0 0	10001910
	14" (355 mm)	2/1*	5	0	0	0 0	10001916
A STREET STREET	17" (430 mm)	2/1*	5	0	0	0	10001938
	21" (530 mm)	1	5	0			10001961
	Pad, white BOOST		•••••			••••••	•••••••••••••••••••••••••••••••••••••••
	510 x 356 mm	1	5	(	C		997023
	710 x 356 mm	1	5		C	) ()	997002
	810 x 356 mm	1	5				997005
	Pad, red BOOST						
	510 x 356 mm	1	5	(			997020
	710 x 356 mm	1	5		•	•	997001
	810 x 356 mm	1	5				997004
	Pad, blue BOOST						
	510 x 356 mm	1	5	(	2		997021
	710 x 356 mm	1	5		С	0	997006
	810 x 356 mm	1	5				997007
	Pad, black BOOST						
	510 x 356 mm	1	5	(	C		997022
	710 x 356 mm	1	5		С	0	997000
	810 x 356 mm	1	5				997003
	Pad, 3H Hi Pro. BOOST						
	710 x 356 mm	1	10		C	0	997016
	810 x 356 mm	1	10				997017
	Pad, Maroon BOOST	1	10		С	0	997024
		1	10				997018
	Velcro, 2 sided for Maroon pad	1	. 1				30793A
		1	1				30794A
•••••							•••••••••••••••••••••••••••••••••••••••
	Pad driver assembly 6.5" (165 mm)	2	4	_			0007042000
		2	1	0			9097243000
	12" (305 mm)	2	1		0		L08603939
	12.75" (324 mm) 13" (330 mm)	2	1		0	0	56114241 38035A
	13.75" (350 mm) 13.75" (350 mm)	2	1		0	0	56114242
	13.75" (350 mm) 14" (355 mm)	2	1		0	0	38036A
	14" (355 mm) 14" (355 mm)	1	1	0	0	U U	909 5331 000
VITHINING THE SAME SAME	16.75" (425 mm)	2		0		0	56114243
<b>MANANA MANANA</b>	17" (430 mm)	1	1	0	·····	0	909 5695 000
and the second se	17" (430 mm)	2		<u> </u>	0		38034A
	21" (530 mm)	1		0	0		L08837018
	21 (350 mm)	1		0			L0003/010

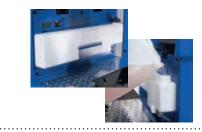
#### Pads and pad drivers for scrubber dryers





## Accessories for scrubber dryers









		SCRUBTEC 233 SCRUBTEC 234 C SCRUBTEC 234 C SCRUBTEC 337 SCRUBTEC 533 SCRUBTEC 553 SCRUBTEC 651 C SCRUBTEC 86/ P271 A71 C / 886 / BOOST 8 SCRUBTEC 86/ P71 A71 C / 886 / BOOST 8 SCRUBTEC 86100 SCRUBTEC 86100	
Other options	Pieces needed		Item No.
Themical mixing system kit Themical mixing system SCRUBTEC 5	1	00	9097163000
hemical mixing system SCRUBTEC 6	1	000	9097160000
Chemical mixing system SCRUBTEC 8	1	0	11363A
Chemical mixing system SCRUBTEC R 4	1	000	9099069000 56114088
hemical mixing system איז		~~	114000
Carpet kit Carpet/hard floor kit	1	0	9097575000
Kit - Vacuum wand with caddy	1	0 0	56601087
Varning and safety kits			
Varning light strobe Amber Varning light beacon flashing	1	000	10877A 9098937000
ilter for float ball cage "Antifoaming"	1	0 000000 000	909 5065 000
seat belt	1		53572A
Parking brake, secondary (manual engagement)	1	0	11372A
Sit, Warning Beacon	1	0.0	56114253
(it, Seat Belt	1	0 0	56422162
			••••••
Nheel options Fraction wheel, oil-resistent, Ø200 mm for SCRUBTEC 5	1	00	9097032000
raction wheel, oil-resistent, Ø200 mm for SCRUBTEC 6	1	000	9097026000
Soft casters for SCRUBTEC 6	1	0 0	9098947000
oft casters dual assembly for SCRUBTEC 8	1	O	909 5511 000
Brush deck kits			
Brush deck kit SCRUBTEC 651 C Brush deck kit SCRUBTEC 553/653	1		909 6854 000 9097177000
Grush deck kit SCRUBTEC 661	1	00000	9097179000
Brush deck kit SCRUBTEC R 466	1	• 0	9098741000
Brush deck kit SCRUBTEC R 471	1	0 •	9098742000
xtra powerful vacuum kit			· · · · · · · · · · · · · · · · · · ·
Powerful vacuum kit	1	000	9098455000
Kit dual, Vacuum motor	1	0 0	56114245
Dthers			
(it - vacuum sound reduction (it - seat armrest	1	00	56114246 7-03-04249
	1	00	56114379
Brush install tool			

## Accessories for sweepers

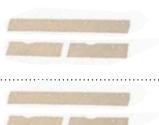




Item No.
60642
1463174000
146 0748 000
145 4879 000 146 1018 000
140 1010 000
146 0752 000
146 3015 000
146 0751 000
145 4963 000
145 4957 000
146 0750 000
145 6080 000
145 6080 000
146 3016 000
145 6135 000
·····
60641
146 3035 000
145 1899 000 1463952000
1403332000
·····
145 4963 000
145 4959 000
146 1148 000
146 1148 000 1463969000
145 4976 000
146 3036 000
······
1463523000
146 1888 000
145 4806 000 1463161000
145 4746 000
146 0368 000
146 0782 000
146 1988 000
146 1889 000
146 2759 000
145 6013 000
146 2731 000
146 2677 000

#### Accessories for sweepers











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 Pad driver Super Grip	Pieces needed Packed	SPINTEC 443 SPINTEC 443 DS SPINTEC 443 DS SPINTEC 551 UH	Item No.
	Pad driver Super Grip Pad driver	1	000	11316A
	Pads (175-600 RPM)			
	<sup>3</sup> dds (175-buu KHW)			
	White 17" (Ø 430 mm)	1 5	000	10001936
	White 20" (Ø 510 mm)	1 5	0	10001960
	Red 17" (Ø 430 mm)	1 5	000	10001941
	Red 20" (Ø 510 mm)	1 5	0	10001959
	Blue 17" (Ø 430 mm)	1 5	000	10001939
	Blue 20" (Ø 510 mm)	1 5	0	10001956
_				
	Brown 17" (Ø 430 mm)	1 5	000	10001971
	Brown 20" (Ø 510 mm)	1 5	0	10001957
	Black 17″ (Ø 430 mm)	1 5	000	10001938
	Black 20" (Ø 510 mm)	1 5	0	10001955
1				
	Brush Light to medium		00	11298A
	Brush Polishing		00	11296A
111111111111	Brush Medium cleaning		0 0	11299A
	Abi frequin cecing			
1	Brush Heavy cleaning		00	11310A
				11297A
and the second se	Carpet		0 0	11297A
A lite cash attention				
	Spray buff attachement		000	11295A
!				401046
	Solution tank assembly		00	10104A
l	Foam generator		00	11294A
l I				
1				

It is a quicker, easier and more effective way to clean with our detergents 0

A miles



# 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.

Nilfisk ALTO works for you



#### **Detergents - VEHICLE CLEANING**

Soiling

**Fields of application** 

Cleaning of steel and light alloy wheel rims.

Technique

A A 🗐

Size

10 L

Item No.

80935

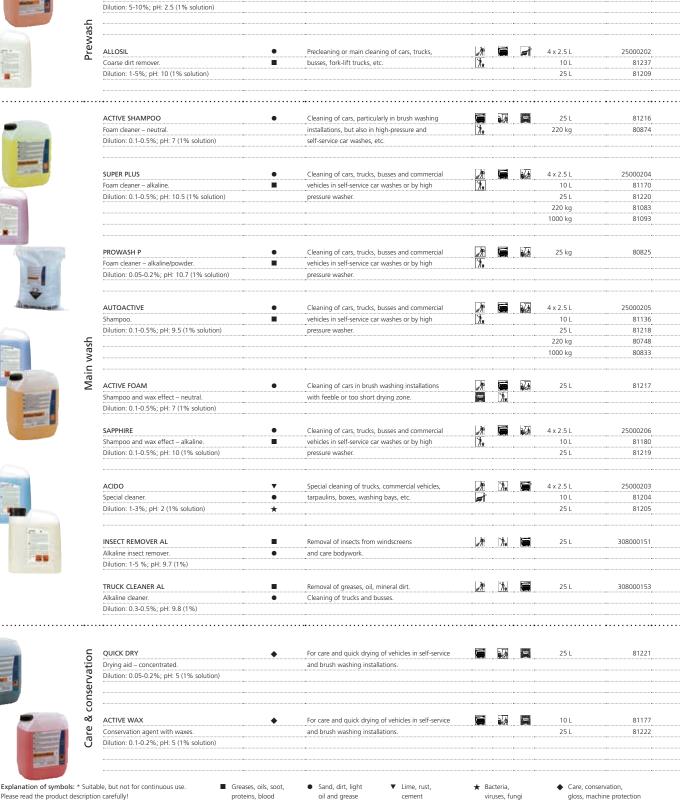












Please read the product description carefully!

cement

viruses, fungi

gloss, machine protection

## **Detergents - INDUSTRIAL & BUILDINGS**





roduct	Soiling	Fields of application	Tech	nniqu	e	Size	Item No.
CIDO	•	Rust transformer/rust dissolver, lime/cement haze	A	7.		4 x 2.5 L	25000203
-round cleaner – acid.	•	remover in trade and industry; disinfectant	s'	1719		10 L	81204
ution: 1-10%; pH: 2 (1% solution)	*	agent in foodstuffs related sectors.			•	25 L	81205
			••••••••••••••••••••••••••••••••••••••				
NIVERSAL	•	Various cleaning tasks on a wide range of particularly	,Âps		=	4 x 2.5 L	25000213
I-round cleaner – neutral.	•	delicate surfaces in trade and industry.		- <b>1</b>	<u>e</u> i	4 X 2.5 L 10 L	25000213 80930
lution: 0.5-10%; pH: 7 (1% solution)		the second modely.	<u> </u> /1₽	<b>≓</b> //	······	25 L	81225
							01223
25 MULTI	•	Cleaning of industrial and commercial floors, mater	jus.			4 x 2.5 L	25000214
-round cleaner – alkaline.	•	Cleaning of industrial and commecial floors, motor	<i>⊿7</i> * 7№		=	4 x 2.5 L 10 L	
I-round cleaner – aikaiine. Iution: 1-10%; pH: 9.5 (1% solution)		vehicles, steel parts, motors/machines, walls, facades, working surfaces, etc.	/īe		•••••	10 L 25 L	80923 81228
			••••	••••••	•••••	220 kg	8418
						1000 kg	81171
OMBI ACTIVE		Cleaning of sturdy industrial floors, steel parts,	Ì.		<b>s</b> i	10 L	81172
I-round cleaner – strongly alkaline.		motors/machines, working surfaces, etc.	7.			25 L	81229
lution: 1-10%; pH: 13 (1% solution)					•••••	220 kg	8316
			···· <b>·</b> ·····			1000 kg	81053
			<u>-</u>				
IAMPOO P		Cleaning of industrial and commecial floors, motor	Å.		<b>s</b> i	25 kg	8385
I-round cleaner – powder.		vehicles, steel parts, motors/machines, walls, facades,	7.				
lution: 0.3-1%; pH: 10.7 (1% solution)		working surfaces, etc.					
		• •••••••••••••••••••••••••••••••••••••	•••••	•••••	•••••	•••••	· · · · · · · · · · · · · · · ·
ES 3000	•	Floor and hard surface cleaning in slaughterhouses,	Å.		=	25 L	81241
sinfection cleaner.		bakeries, butchers' shops, cheese-making plants,	7.				
lution: 1-5%; pH: 9.5 (1% solution)	*	canteens, agriculture, pharmaceuticals plants, etc.	<b>.</b>				
LKAFOAM	•	Hard surface cleaning of machines, walls, working	ħ		7.	25 L	81231
am cleaner. Iution: 1-5%; pH: 12 (1% solution)		surfaces and tiles, etc., particularly in slaughterhouses and butchers' shops.	••••		•••••	220 kg	81240
IOSPHAT	•	Temporary corrosion protection for iron parts in	*			25 L	81232
iosphating agent.		metal processing plants.	<b></b>	••••••	•••••		
lution: 0.5-1%; pH: 5.5 (1% solution)			<b>-</b>				
ACTERIA STOP	*	For combating bacteria in phosphating baths.	<b>•</b> 4			6 x 1 L	105301605
sinfection agent.							
lution: 0.015-0.08%; pH: 6 (0.015% solution)			<u>-</u>				
			<b>-</b>				
NIKAL PLUS		Metal processing plants and workshops.	ħ	7.	<b>.</b>	10 L	81173
lvent-based cold cleaner.			····•			25 L	81234
lution: apply neat; pH: not applicable							
			••••	••••••	•••••		
DNSEX FORTE		Wax and preservative removal from motor vehicles	ħ		7.	25 L	81223
otor vehicle conservation agent remover.		in metal processing plants.					
lution: apply neat; pH: not applicable			<u>-</u>	<b>.</b>			
			<u>-</u>				
PER BLAST P	▼	Rust and paint removal and smoothing of sturdy		<b>.</b>		25 kg	8379
ndblasting agent for high-pressure units.		industrial and commercial surfaces.	····•				
ution: apply neat via wet spraying achment; pH: not applicable			••••				
			•••••		•••••		
	_					251	
RMEX prasive agent for "Soft Blasting", baking		Cars and buses, trucks and vans, hard floor, metal industry and special purpose.				25 kg	5218617
da and slightly alkaline.		metar muusiry and special pulpose.	····	••••••	•		
: 8.2 (1% Solution)			····•		······		
•••••••••••••••••••••••••••••••••••••••		•••••	••••	••••••	•••••		

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

### **Detergents - FLOOR CARE**



QUICK FRESH	•	Daily floor cleaning in hotels, restaurants, car	s i	1		4 x 2.5 L	25000208	
Maintenance cleaner with refreshing effect.	••••••	showrooms, office buildings, supermarkets, schools,				10 L	81074	
Dilution: 1-5%; pH: 7 (1% solution)		exhibition rooms, DIY markets, etc.	•••••		••••••	25 L	81226	
WAX CLEAN	•	Daily floor cleaning in hotels, restaurants, car	=	1	7	4 x 2.5 L	25000211	
Vaintenance cleaner with gloss effect		showrooms, office buildings, supermarkets, schools,		· · · · · · · · · · · · · · · · · · ·		10 L	81212	
Dilution: 1-3%; pH: 7 (1% solution)	••••••	exhibition rooms, DIY markets, etc.	•	••••••				
			<b>.</b>					
INTENSIVE		Various cleaning applications on a wide range of	À		=	4 x 2.5 L	25000209	
All-round cleaner.		surfaces in trade and industry.	7.			10 L	81137	
Dilution: 3-10%; pH: 9.3 (1% solution)				. <b>.</b>		25 L	81227	
						220 kg	80804	
			•		••••••	1000 kg	80840	
TODNADO	_		امتد		5	42.5.1	25000210	
TORNADO Rasis cloapor	•••••••••••••••••••••••••••••••••••••••	Basic cleaning of sturdy commercial and industrial	<u>M</u>	=	<u>'</u> /]e	4 x 2.5 L	25000210 80940	
Basic cleaner.		floors for removing coatings, films or very				10 L 25 L	80940	
Dilution: 3-10%; pH: 11 (1% solution)		severe soiling.				25 L 220 kg	81230	
						220 kg 1000 kg	308000055	
				•••••••			55500055	
ACTIVE ACID		Special cleaning of sturdy commercial and	And	5		25 L	01074	
	•••••••••••••••••••••••••••••••••••••••	special cleaning of sturgy commercial and industrial floors.	<u>1</u> 7	7.	······	25 L	81224	
Rust and cement haze remover. Dilution: 1-5%; pH: 1.5 (1% solution)	▼							
2. autor: 1-578, pri. 1.5 (178 Solution)	<u>.</u>							
			-	<b>N</b>				
			Å.	7		6 x 1 L	81316	
•••••••••••••••••••••••••••••••••••••••	•••••••••••••••••••••••	Floor cleaning in warehouses, workshops,	2011					
Rubber scuff mark remover.		DIY markets, supermarkets, industrial buildings	<u>#711</u>			10 L	81207	
SPOT-EX Rubber scuff mark remover. Dilution: apply neat; pH: 6 (1% solution)			#711			10 L	81207	
Rubber scuff mark remover.		DIY markets, supermarkets, industrial buildings	#//I	••••		10 L	81207	•••••
Rubber scuff mark remover. Dilution: apply neat; pH: 6 (1% solution)		DIY markets, supermarkets, industrial buildings				10 L 4 x 2.5 L		•••••
Rubber scuff mark remover. Dilution: apply neat; pH: 6 (1% solution)	•	DIY markets, supermarkets, industrial buildings with stacker and rubber markings.			7	4 x 2.5 L 6 x 1 L		•••••
Rubber scuff mark remover. Dilution: apply neat; pH: 6 (1% solution)	•	DIY markets, supermarkets, industrial buildings with stacker and rubber markings. Textile and hard floor cleaning in office buildings,	<u></u>		2	4 x 2.5 L	25000215	
Rubber scuff mark remover. Dilution: apply neat; pH: 6 (1% solution) TOP WASH Spray extraction cleaner.	•	DIY markets, supermarkets, industrial buildings with stacker and rubber markings. Textile and hard floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition	<u></u>		Ø	4 x 2.5 L 6 x 1 L	25000215 8467	
Rubber scuff mark remover. Dilution: apply neat; pH: 6 (1% solution) TOP WASH Spray extraction cleaner.	•	DIY markets, supermarkets, industrial buildings with stacker and rubber markings. Textile and hard floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition	<u></u>		R	4 x 2.5 L 6 x 1 L	25000215 8467	
Rubber scuff mark remover. Dilution: apply neat; pH: 6 (1% solution) TOP WASH Spray extraction cleaner. Dilution: 1-5%; pH: 8 (1% solution) TOP WASH P	•	DIY markets, supermarkets, industrial buildings with stacker and rubber markings. Textile and hard floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc.	K K K	) ) ) ) ) )	7	4x2.5L 6x1L 10L 6x1kg	25000215 8467 80937 81100	
Rubber scuff mark remover. Dilution: apply neat; pH: 6 (1% solution) TOP WASH Spray extraction cleaner. Dilution: 1-5%; pH: 8 (1% solution) TOP WASH P Spray extraction cleaner.	•	DIY markets, supermarkets, industrial buildings with stacker and rubber markings. Textile and hard floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc.	X	×	7	4x2.5L 6x1L 10L	25000215 8467 80937	•••••
Rubber scuff mark remover. Dilution: apply neat; pH: 6 (1% solution) TOP WASH Spray extraction cleaner. Dilution: 1-5%; pH: 8 (1% solution) TOP WASH P Spray extraction cleaner.	•	DIY markets, supermarkets, industrial buildings with stacker and rubber markings. Textile and hard floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc.	K K K	) ) ) ) ) )	7	4x2.5L 6x1L 10L 6x1kg	25000215 8467 80937 81100	
Rubber scuff mark remover. Dilution: apply neat; pH: 6 (1% solution) TOP WASH Spray extraction cleaner. Dilution: 1-5%; pH: 8 (1% solution) TOP WASH P Spray extraction cleaner.	•	DIY markets, supermarkets, industrial buildings with stacker and rubber markings. Textile and hard floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc.	K K K	) ) ) ) ) )	7	4x2.5L 6x1L 10L 6x1kg	25000215 8467 80937 81100	
Rubber scuff mark remover. Dilution: apply neat; pH: 6 (1% solution) TOP WASH Spray extraction cleaner. Dilution: 1-5%; pH: 8 (1% solution) TOP WASH P Spray extraction cleaner. Dilution: 1-5%; pH: 10 (1% solution)	•	DIY markets, supermarkets, industrial buildings with stacker and rubber markings. Textile and hard floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc.		、 、 、 、 、 、 、 、 、 、 、 、 、	7	4x2.5L 6x1L 10L 6x1kg	25000215 8467 80937 81100	
Rubber scuff mark remover. Dilution: apply neat; pH: 6 (1% solution) TOP WASH Spray extraction cleaner. Dilution: 1-5%; pH: 8 (1% solution) TOP WASH P Spray extraction cleaner. Dilution: 1-5%; pH: 10 (1% solution) PRO GLOSS		DIY markets, supermarkets, industrial buildings with stacker and rubber markings. Textile and hard floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc. Textile floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc.		) ) ) ) ) )	7	4x2.5L 6x1L 10L 6x1kg 8kg 4x2.5L	25000215 8467 80937 81100 81033 25000212	
Rubber scuff mark remover. Dilution: apply neat; pH: 6 (1% solution) TOP WASH Spray extraction cleaner. Dilution: 1-5%; pH: 8 (1% solution) TOP WASH P Spray extraction cleaner. Dilution: 1-5%; pH: 10 (1% solution) PRO GLOSS Floor gloss emulsion.		DIY markets, supermarkets, industrial buildings with stacker and rubber markings. Textile and hard floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc. Textile floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc.		、 、 、 、 、 、 、 、 、 、 、 、 、	7	4x2.5L 6x1L 10L 6x1kg 8kg	25000215 8467 80937 81100 81033	
Rubber scuff mark remover. Dilution: apply neat; pH: 6 (1% solution) TOP WASH Spray extraction cleaner. Dilution: 1-5%; pH: 8 (1% solution) TOP WASH P Spray extraction cleaner. Dilution: 1-5%; pH: 10 (1% solution) PRO GLOSS Floor gloss emulsion.		DIY markets, supermarkets, industrial buildings with stacker and rubber markings. Textile and hard floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc. Textile floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc. Floor sealing with gloss effect in schools, hotels, car showrooms, restaurants, supermarkets,		、 、 、 、 、 、 、 、 、 、 、 、 、	7	4x2.5L 6x1L 10L 6x1kg 8kg 4x2.5L	25000215 8467 80937 81100 81033 25000212	
Rubber scuff mark remover. Dilution: apply neat; pH: 6 (1% solution) TOP WASH Spray extraction cleaner. Dilution: 1-5%; pH: 8 (1% solution) TOP WASH P Spray extraction cleaner. Dilution: 1-5%; pH: 10 (1% solution) PRO GLOSS Floor gloss emulsion. Dilution: apply neat; pH: 7 (1% solution)	•	DIY markets, supermarkets, industrial buildings with stacker and rubber markings. Textile and hard floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc. Textile floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc. Floor sealing with gloss effect in schools, hotels, car showrooms, restaurants, supermarkets,		、 、 、 、 、 、 、 、 、 、 、 、 、	R	4x2.5L 6x1L 10L 6x1kg 8kg 4x2.5L	25000215 8467 80937 81100 81033 25000212	
Rubber scuff mark remover. Dilution: apply neat; pH: 6 (1% solution) TOP WASH Spray extraction cleaner. Dilution: 1-5%; pH: 8 (1% solution) TOP WASH P Spray extraction cleaner. Dilution: 1-5%; pH: 10 (1% solution) PRO GLOSS Floor gloss emulsion. Dilution: apply neat; pH: 7 (1% solution) PROTECTOR		DIY markets, supermarkets, industrial buildings with stacker and rubber markings. Textile and hard floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc. Textile floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc. Floor sealing with gloss effect in schools, hotels, car showrooms, restaurants, supermarkets, medical practices, etc.			R R	4x2.5L 6x1L 10L 6x1kg 8kg 4x2.5L 10L	25000215 8467 80937 81100 81033 25000212 81078	
Rubber scuff mark remover. Dilution: apply neat; pH: 6 (1% solution) TOP WASH Spray extraction cleaner. Dilution: 1-5%; pH: 8 (1% solution) TOP WASH P Spray extraction cleaner. Dilution: 1-5%; pH: 10 (1% solution) PRO GLOSS Floor gloss emulsion. Dilution: apply neat; pH: 7 (1% solution) PROTECTOR Floor polymer dispersion.		DIY markets, supermarkets, industrial buildings with stacker and rubber markings. Textile and hard floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc. Textile floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc. Textile floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc. Floor sealing with gloss effect in schools, hotels, car showrooms, restaurants, supermarkets, medical practices, etc.			R	4x2.5L 6x1L 10L 6x1kg 8kg 4x2.5L 10L	25000215 8467 80937 81100 81033 25000212 81078	
Rubber scuff mark remover. Dilution: apply neat; pH: 6 (1% solution) TOP WASH Spray extraction cleaner. Dilution: 1-5%; pH: 8 (1% solution) TOP WASH P Spray extraction cleaner. Dilution: 1-5%; pH: 10 (1% solution) PRO GLOSS Floor gloss emulsion. Dilution: apply neat; pH: 7 (1% solution) PROTECTOR Floor polymer dispersion.		DIY markets, supermarkets, industrial buildings with stacker and rubber markings. Textile and hard floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc. Textile floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc. Floor sealing with gloss effect in schools, hotels, car showrooms, restaurants, supermarkets, medical practices, etc. Floor sealing for lasting protection in schools, hotels, car showrooms, restaurants, supermarkets,				4x2.5L 6x1L 10L 6x1kg 8kg 4x2.5L 10L	25000215 8467 80937 81100 81033 25000212 81078	
Rubber scuff mark remover. Dilution: apply neat; pH: 6 (1% solution) TOP WASH Spray extraction cleaner. Dilution: 1-5%; pH: 8 (1% solution) TOP WASH P Spray extraction cleaner. Dilution: 1-5%; pH: 10 (1% solution) PRO GLOSS Floor gloss emulsion. Dilution: apply neat; pH: 7 (1% solution) PROTECTOR Floor polymer dispersion. Dilution: apply neat; pH: 7 (1% solution)		DIY markets, supermarkets, industrial buildings with stacker and rubber markings. Textile and hard floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc. Textile floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc. Floor sealing with gloss effect in schools, hotels, car showrooms, restaurants, supermarkets, medical practices, etc. Floor sealing for lasting protection in schools, hotels, car showrooms, restaurants, supermarkets,				4x2.5L 6x1L 10L 6x1kg 8kg 4x2.5L 10L	25000215 8467 80937 81100 81033 25000212 81078	
Rubber scuff mark remover. Dilution: apply neat; pH: 6 (1% solution) TOP WASH Spray extraction cleaner. Dilution: 1-5%; pH: 8 (1% solution) TOP WASH P Spray extraction cleaner. Dilution: 1-5%; pH: 10 (1% solution) PRO GLOSS Floor gloss emulsion. Dilution: apply neat; pH: 7 (1% solution) PROTECTOR Floor polymer dispersion. Dilution: apply neat; pH: 7 (1% solution) FOAM STOP		DIY markets, supermarkets, industrial buildings with stacker and rubber markings. Textile and hard floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc. Textile floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc. Textile floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc. Floor sealing with gloss effect in schools, hotels, car showrooms, restaurants, supermarkets, medical practices, etc.			7	4x2.5L 6x1L 10L 6x1kg 8kg 4x2.5L 10L 10L	25000215 8467 80937 81100 81033 25000212 81078 81077	
Rubber scuff mark remover. Dilution: apply neat; pH: 6 (1% solution) TOP WASH Spray extraction cleaner. Dilution: 1-5%; pH: 8 (1% solution) TOP WASH P Spray extraction cleaner. Dilution: 1-5%; pH: 10 (1% solution) PRO GLOSS Floor gloss emulsion. Dilution: apply neat; pH: 7 (1% solution) PROTECTOR Floor polymer dispersion. Dilution: apply neat; pH: 7 (1% solution) PROTECTOR Floor polymer dispersion. Dilution: apply neat; pH: 7 (1% solution) FOAM STOP Anti-foaming agent. Dilution (waste water tank): 0.05%;		DIY markets, supermarkets, industrial buildings with stacker and rubber markings. Textile and hard floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc. Textile floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc. Textile floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc. Floor sealing with gloss effect in schools, hotels, car showrooms, restaurants, supermarkets, medical practices, etc. Floor sealing for lasting protection in schools, hotels, car showrooms, restaurants, supermarkets, medical practices, etc.				4x2.5L 6x1L 10L 6x1kg 8kg 4x2.5L 10L	25000215 8467 80937 81100 81033 25000212 81078 81077	
Rubber scuff mark remover. Dilution: apply neat; pH: 6 (1% solution) TOP WASH Spray extraction cleaner. Dilution: 1-5%; pH: 8 (1% solution) TOP WASH P Spray extraction cleaner. Dilution: 1-5%; pH: 10 (1% solution) PRO GLOSS Floor gloss emulsion. Dilution: apply neat; pH: 7 (1% solution) PROTECTOR Floor polymer dispersion. Dilution: apply neat; pH: 7 (1% solution) PROTECTOR Floor polymer dispersion. Dilution: apply neat; pH: 7 (1% solution) PROTECTOR Floor polymer dispersion. Dilution: apply neat; pH: 7 (1% solution) FOAM STOP Anti-foaming agent. Dilution (waste water tank): 0.05%;		DIY markets, supermarkets, industrial buildings with stacker and rubber markings. Textile and hard floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc. Textile floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc. Textile floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc. Floor sealing with gloss effect in schools, hotels, car showrooms, restaurants, supermarkets, medical practices, etc. Floor sealing for lasting protection in schools, hotels, car showrooms, restaurants, supermarkets, medical practices, etc.				4x2.5L 6x1L 10L 6x1kg 8kg 4x2.5L 10L	25000215 8467 80937 81100 81033 25000212 81078 81077	
Rubber scuff mark remover. Dilution: apply neat; pH: 6 (1% solution) TOP WASH Spray extraction cleaner. Dilution: 1-5%; pH: 8 (1% solution) TOP WASH P Spray extraction cleaner. Dilution: 1-5%; pH: 10 (1% solution) PRO GLOSS Floor gloss emulsion. Dilution: apply neat; pH: 7 (1% solution) PROTECTOR Floor polymer dispersion. Dilution: apply neat; pH: 7 (1% solution) FOAM STOP Anti-foaming agent. Dilution (waste water tank): 0.05%; pH: 7 (1% solution)		DIY markets, supermarkets, industrial buildings with stacker and rubber markings. Textile and hard floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc. Textile floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc. Textile floor sealing with gloss effect in schools, hotels, car showrooms, restaurants, supermarkets, medical practices, etc. Floor sealing for lasting protection in schools, hotels, car showrooms, restaurants, supermarkets, medical practices, etc. Floor sealing for lasting protection in schools, hotels, car showrooms, restaurants, supermarkets, medical practices, etc.				4x2.5L 6x1L 10L 6x1kg 8kg 4x2.5L 10L	25000215 8467 80937 81100 81033 25000212 81078 81077	
Rubber scuff mark remover. Dilution: apply neat; pH: 6 (1% solution) TOP WASH Spray extraction cleaner. Dilution: 1-5%; pH: 8 (1% solution) TOP WASH P Spray extraction cleaner. Dilution: 1-5%; pH: 10 (1% solution) PRO GLOSS Floor gloss emulsion. Dilution: apply neat; pH: 7 (1% solution) PROTECTOR Floor polymer dispersion. Dilution: apply neat; pH: 7 (1% solution) FOAM STOP Anti-foaming agent. Dilution (waste water tank): 0.05%; pH: 7 (1% solution)		DIV markets, supermarkets, industrial buildings with stacker and rubber markings. Textile and hard floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc. Textile floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc. Textile floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc. Floor sealing with gloss effect in schools, hotels, car showrooms, restaurants, supermarkets, medical practices, etc. Floor sealing for lasting protection in schools, hotels, car showrooms, restaurants, supermarkets, medical practices, etc. Floor sealing for lasting protection in schools, hotels, car showrooms, restaurants, supermarkets, medical practices, etc.				4x2.5L 6x1L 10L 6x1kg 8kg 4x2.5L 10L	25000215 8467 80937 81100 81033 25000212 81078 81077	
Rubber scuff mark remover. Dilution: apply neat; pH: 6 (1% solution) TOP WASH Spray extraction cleaner.		DIY markets, supermarkets, industrial buildings with stacker and rubber markings. Textile and hard floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc. Textile floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc. Textile floor sealing with gloss effect in schools, hotels, car showrooms, restaurants, supermarkets, medical practices, etc. Floor sealing for lasting protection in schools, hotels, car showrooms, restaurants, supermarkets, medical practices, etc. Floor sealing for lasting protection in schools, hotels, car showrooms, restaurants, supermarkets, medical practices, etc.				4x2.5L 6x1L 10L 6x1kg 8kg 4x2.5L 10L 10L 6x1L	25000215 8467 80937 81100 81033 25000212 81078 81077 81077 81077 8469	

• Sand, dirt, light

oil and grease

▼ Lime, rust,

cement

Technique

Size

Item No.

Care, conservation, gloss, machine protection

★ Bacteria, viruses, fungi

Explanation of symbols: \* Suitable, but not for continuours use. Please read the product description carefully! Greases, oils, soot, proteins, blood

202 Please enter www.nilfisk-alto.com to see videos and other features for our products.

### **Detergents - CARE & MAINTENANCE OF MACHINES AND PLANTS**



Product Soiling Fields of application Technique Size Item No. ANTI STONE Mobile and stationary high pressure washers and 6 x 1 L 8466 ٠ Scaling protection agent. Dilution: 80919 comparable systems. 10 L Pour neat into the scaling protection 81235 25 L agent tanks; pH: 7.5 (1% solution) High pressure unit STONE EX Mobile and stationary high pressure washers and 10 L 81191 Descaling agent. Dilution: comparable systems 25 L 81236 Pour neat into the water tank pH: 2.7 (1% solution) Washing systems 14 BROXO P Washing systems and phosphating plants 25 kg 8338 Regeneration salt for osmosis plants. with water softeners /osmosis. Dilution: Pour neat into the saline tank pH: not applicable

Brush washers

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#### **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









## Nilfisk ALTO

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## Find more information on 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 main-taining long lasting relationships with our customers, suppliers and employees.

> green clean

Dealer:

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