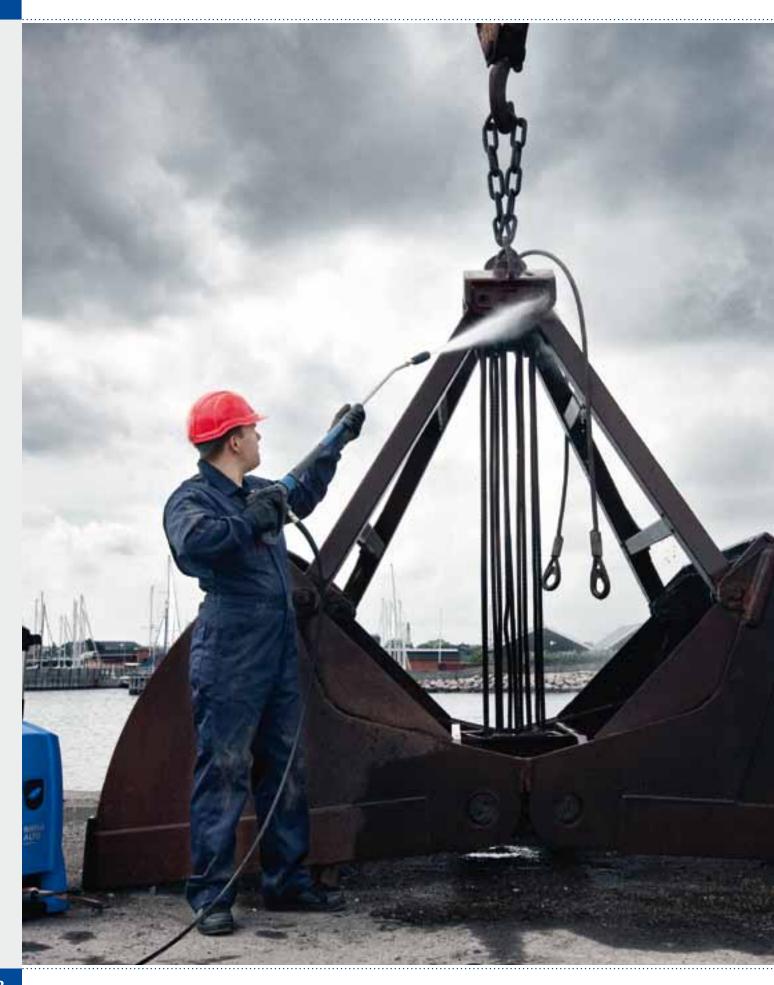
2011 PRODUCT PROGRAMME











Welcome

In our 2011 Catalogue you will find a complete range of products, accessories and detergents.

Furthermore, you will also find new products within all product segments.

We are committed to the development of our product offering and aim to provide our customers and end-users with products designed to meet their requirements, which fulfil their needs for perfection in cleaning.

Contents

	Pressure Washers	. 10
	Vacuum Cleaners	. 78
•	Floor Cleaning Equipment	. 138
	Detergents	180

No claims can be made on the basis of information or illustrations contained in this catalogue. Subject to alteration of technical data, design and equipment.

Contents



Pressure Washers

Duran was all and
Pressure washers Product range overview
Features
POSEIDON 1
POSEIDON 2 PORTABLE
POSEIDON 2-25XT
POSEIDON 3
POSEIDON 4
POSEIDON 5
POSEIDON 5-63
POSEIDON 7
POSEIDON 8
KLU / KOS
NEPTUNE 1
NEPTUNE 2
NEPTUNE 2 SPECIAL
NEPTUNE 3/4
NEPTUNE 5
NEPTUNE 7
NEPTUNE 8
NEPTUNE E
POSEIDON PE
POSEIDON PE / DE
NEPTUNE PE
NEPTUNE DE
MAXXI 4-73 S
ALPHA BOOSTER 3
ALPHA BOOSTER 5
ALPHA BOOSTER 8
UNO BOOSTER
DUO BOOSTER
DELTA BOOSTER
SOLAR BOOSTER DIESEL
SOLAR BOOSTER GAS
SOLAR BOOSTER ELECTRIC
NEPTUNE SB
TRUCK BOOSTER AUTO BOOSTER
MULTICLEANER (7-53)
MERLION
MERION



Vacuum Cleaners

Vacuum cleaners	- 78
The Nilfisk-ALTO vacuum cleaner range	80
XtremeClean – automatic filter cleaning system	82
Push&Clean – semi-automatic filter cleaning system	83
Features	84
SALTIX 3	87
MAXXI WD	88
AERO 20	90
AERO 25	91
ATTIX 30	92
ATTIX 40 INOX	95
ATTIX 50	96
ATTIX 7	- 98
ATTIX 9	102
ATTIX 115 / 125	105
ATTIX 145 / 155	106
SB STATION	109
Introduction – Health & Safety vacuum cleaners	110
ATTIX M-CLASS	112
ATTIX H-CLASS + ATTIX 9 H/M	114
ATTIX TYPE 22	116
Find the right connection for the accessory	118
Accessory sets for vacuum cleaners	119
SYSTEM 50	122
SYSTEM 38	124
SYSTEM 36	125
SYSTEM 32 /27	128
Bags & Filters	128
Other accessories	130
Hose connection and distributors	132
Suction hose systems	133
Accessories for Type 22 vacuum systems	134
HOME CLEANER, TW 300	136
Accessories for carpet extractors	137

Accessories for pressure washers





Floor Cleaning Equipment

Floor cleaning equipment	138
Brush and pad guide	139
The Twister [™] pad solution	139
The SCRUBTEC range	140
The FLOORTEC range	141
The SPINTEC range	141
SCRUBTEC 233	143
SCRUBTEC 337	144
SCRUBTEC 343	145
SCRUBTEC 545	146
SCRUBTEC 553	147
SCRUBTEC 651	148
SCRUBTEC 653	149
SCRUBTEC 661	150
SCRUBTEC 8	151
SCRUBTEC R 4	152
SCRUBTEC R 5	153
SCRUBTEC BOOST - features	155
SCRUBTEC BOOST 5 & 8	156
SCRUBTEC BOOST R 81	157
SCRUBTEC BOOST R 4	158
FLOORTEC 480 M	159
BK 900	160
FLOORTEC 350 B	161
FLOORTEC 560 B / P	162
FLOORTEC R 360	163
FLOORTEC R 670	165
FLOORTEC R 680	166
SPINTEC 443 / 551	167
Introduction – Accessories	168
Batteries and chargers, scrubber dryers	169
Batteries and chargers, scrubber dryers	170
Brushes for scrubber dryers	170
Pads and pad drivers for scrubber dryers	171
raus and pad universitor scrubber univers	1/3

Accessories for scrubber dryers

Accessories for sweepers

Accessories for polishers



Detergents

175

177

179

Vehicle Cleaning	180
Industrial & Buildings	181
Floor Care	182
Care & Maintenance of Machines and Plants	183
CarWash Systems	184

Product Overview





🛄 16

:

:

:

:



POSEIDON 1

POSEIDON 2 PORTABLE 🛄 16

POSEIDON 2-25XT 🕮 17

POSEIDON 3 🛄 18











POSEIDON 5-55 🛄 20

POSEIDON 7 **22**







NEPTUNE 1 🕮 25

NEPTUNE E

🕮 33

NEPTUNE 2 🕮 27





NEPTUNE 3/4 🕮 29 . .

POSEIDON 8 🕮 23

NEPTUNE 5

🛄 30



KOS 🕮 24









POSEIDON DE

🕮 35



.

. . . .

NEPTUNE PE 🕮 36



NEPTUNE 7

🕮 31



ALPHA BOOSTER 3

🕮 39

NEPTUNE 8

🕮 32







ALPHA BOOSTER 8





DUO BOOSTER 43



NEPTUNE DE

🕮 37

MAXXI 4-73 S

🕮 38



SOLAR BOOSTER D

SOLAR BOOSTER G 46

ALPHA BOOSTER 5

🛄 40



AUTO BOOSTER 🕮 50





SOLAR BOOSTER E 🕮 47

NEPTUNE SB 🛄 48

41

TRUCK BOOSTER 🕮 49

-



42



DELTA BOOSTER 44



6

🕮 34

POSEIDON PE















🕮 52

MERLION 350/500

MERMAID 500/800 🕮 53







SALTIX 3 🕮 87

:

MAXXI WD 3 & 7 📖 88

AERO 20/25 🕮 **90**

ATTIX 30 🕮 92

ATTIX 40 INOX 🕮 95

ATTIX 50 🛄 96

. . . .



. • •

ATTIX 115 / 125 🕮 105



🕮 99

ATTIX 145 / 155 🛄 106





ATTIX 7 SPECIAL PURPOSE ATTIX 7 ED

ATTIX 30 M 🕮 112

🕮 99



ATTIX 50 M 🕮 112



ATTIX 7 M 🕮 113





ATTIX 50 H 🛄 114



ATTIX 7 H 🕮 115



ATTIX 965 H/M SD XC 🕮 115

ATTIX 40-0M PC TYPE 22 ATTIX 791-2M B1 🕮 116



🕮 116



🛄 116



ATTIX 995-0H/M TYPE 22 ATTIX 200 M/200 H TYPE 22 🕮 117



🕮 114

ATTIX 9 ED

🛄 103





Product Overview









HOME CLEANER 🛄 136







SCRUBTEC 343











SCRUBTEC 233 🕮 143

SCRUBTEC 337 🕮 144

🕮 145

SCRUBTEC 545 🕮 146

SCRUBTEC 553 🕮 147

SCRUBTEC 651 🛄 148



SCRUBTEC 661

🛄 150



SCRUBTEC 8 🕮 151



SCRUBTEC R 4 🕮 152



SCRUBTEC R 5 🕮 153



SCRUBTEC BOOST 5 🕮 156



SCRUBTEC BOOST 8 🕮 156



SCRUBTEC BOOST R 81 🛄 157



SCRUBTEC BOOST R 4 🛄 158

FLOORTEC 480 🛄 159





BK 900 🛄 160



FLOORTEC 350 B 🛄 161



FLOORTEC 560 🛄 162



FLOORTEC R 360 🛄 163







FLOORTEC R 680



SPINTEC 443 / SPINTEC 551 UH 🕮 167





Nilfisk-ALTO Pressure Washer Range







The POSEIDON cold water range – valuable partners whatever the application. The Nilfisk-ALTO POSEIDON range of cold water pressure washers proves that productivity, robustness and easy to use design really do go hand in hand.

The POSEIDON 2 and 3 lines are compact and lightweight units ideal for most basic cleaning tasks by craftsmen or around small farms. Equipped with the latest in ergonomic accessories and with optimal cleaning performance, these are the ideal entry level commercial units.

The POSEIDON 4 and 5 represent some of the most robust and powerful medium range products on the market. Both lines are equipped with slow running, longlife motors and are suited to more extended use by most customer groups. Whether the need is for the more compact and lightweight POSEIDON 4 or for the robustness of the steel framed POSEIDON 5, these products will offer ease of use and great productivity.

The POSEIDON 7 is in a class of its own. The only machine on the market equipped with a 4 piston pump and slow running motor, it is also capable of accepting hot inlet water up to 85°C – turning your cold water washer into a hot water unit. Lifetime is exceptional which is why this unit is a favourite amongst the more heavy duty industrial customers.

The POSEIDON 8 is the ultimate robust pressure washer. Tough steel frame, 4 large wheels – and a heavy duty motor pump unit make the POSEIDON 8 ideal for construction and large agriculture applications. Water flow rates of up to 40 l/min quickly deal with some of the toughest applications in the market.



The NEPTUNE line – constant hot water innovation

Time and time again, the NEPTUNE line has shown Nilfisk-ALTO's commitment to innovation, productivity and handling. 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 has since been copied.

The NEPTUNE 1 and 2 entry level compact hot water units combine ground breaking design with efficient performance, low emissions 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 models offer great cleaning efficiency.

The NEPTUNE 4 and 5 are both powerful and robust medium range units. Whether the need is for a more compact machine such as the NEPTUNE 4, or a more powerful and feature-packed NEPTUNE 5, optimal handling, cleaning efficiency, low emissions, and low running costs are still part of the package. And now selected NEPTUNE 4 and 5 three phase machines are equipped with the new NA5H pump, slow running motor and unique flow activated unloader system meanwhile the other Neptune 4 and 5 single phase and three phase variants still come with the well proven NP5 pump and pressure activated unloader.

The NEPTUNE 7 combines award-winning design, four piston pump technology and a hugely powerful EcoPower boiler system to offer some of the best performances on the market.

Nilfisk-ALTO Pressure Washer Range



Stationary range - the ideal solution for fixed cleaning applications

Nilfisk-ALTO offers the most comprehensive 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.

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

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 indivdual 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 fulfil all your cleaning tasks. Placing an outlet hose or lance, or an accessory at each cleaning point ensures that each user can be operational in seconds, reducing preparation time and labour costs.

Self-service units – Optimal cleaning – optimal profits

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







Engine, Pneumatic and Hydraulically Driven Pressure Washers range – for use where mains power is not available Nilfisk-ALTO offers a comprehensive range of diesel, petrol, pneumatic and hydraulic powered mobile pressure washers for professional use. 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.

Petrol and diesel powered hot and cold water pressure washers have the benefit 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. Pneumatic or hydraulic powered pressure washers are ideal where diesel, petrol or electrical power is not recommended.

Nilfisk-ALTO offers a full range with varying performance levels, making us the ideal partner for rental businesses. The impressive performance range is defined by water flow rates of between 700 and 1450 l/h and operating pressures from 140 to 240 bar. Bad news for even the worst dirt, and convincing cleaning results are assured for any application. Pumps and motors are totally reliable and highly durable. The pumps have a long working life and low service costs and Auto Start/Stop limits wear on both motor and pump.



Self-propelled cleaning robot for farms – gives an overall reduction in cleaning costs

Nilfisk-ALTO's MULTICLEANER 7-53 is a user-friendly, self-propelled cleaning robot. Its primary area of use is in pig stalls where it assures efficient and profitable cleaning at any time of the day or night. The MULTICLEANER 7-53 can take over the majority of heavy, trivial and time-consuming manual work, 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/no questions in the course of *about 30 seconds*.

Features

EcoPower High Performance



EcoPower - technology for lower fuel costs and environmental responsibility

Save more than 6% on fuel costs compared to current, conventional technology. Because a high efficiency boiler burns more efficiently, less soot build-up means less maintenance. The EasyClean feature means reduced maintenance costs because the coil can be removed by a single technician in less than 6 minutes. The latest evolution in boiler technology comes from Nilfisk-ALTO. The EcoPower design reduces fuel consumption by more than 6% compared with current, conventional technology!

Lower fuel consumption benefits the environment.

EcoBoiler and ease of maintenance

The EcoPower boiler was the first on the market with such low running costs. Its high efficiency level means that less of the money spent on fuel goes to waste as hot air. Savings of up to 6% in fuel costs. The EcoPower boiler is powered by the DuoMotor system which avoids functional problems due to inversion of electrical phases. Not only does clean combustion ensure that the boiler stays cleaner and efficient for longer, but the coil can be removed in record time thanks to the optimal positioning of connections. The EcoPower boiler automatically runs most economically at temperature settings of around 60°C on the thermostat, providing the ideal combination of hot water and low costs. But even at higher temperature settings, it offers efficient and low cost heating. For heavy degreasing tasks requiring higher temperature levels, the EcoPower boiler still achieves lower running costs than many other products.

EasyClean - servicability and reduced maintenance

The EasyClean boiler can be removed for cleaning in less than 6 minutes by a single technician. The EasyClean feature reduces maintenance costs. The innovative and practical EasyClean boiler takes almost all of the work out of a time-consuming and difficult maintenance task.

No matter how efficient the combustion, the need to clean the coil will eventually arise.

In some regions, legislation requires the boiler to be regularly serviced even if there are no apparent faults.

This difficult and time-consuming task is reduced to the level of routine maintenance by the EasyClean boiler. 1) Open cabinet

- 2) Disconnect high pressure hoses
- 3) Remove 3 small screws and 2 nuts from top of boiler
- 4) Install lifting bar by hand
- 5) Slide Service Crane into container
- 6) Connect cable hook and crank boiler up out of the container
- 7) Swing to one side and lower to floor

EasyClean is more than just a clever name. It is evolution in boiler technology.

EasyClean





QuickService

QuickService - quick and easy maintenance

Fast and thorough maintenance keeps your machine efficient and reliable. Pump oil changes do not require a special pan or funnel as easy access is provided. The unloader valve service is positioned right at the front of the cabinet for ease of service. Water and fuel filters are also easily accessible and both can be cleaned or replaced in minutes. If the pump valves and seals require attention, the cylinder head is immediately behind the service door. Cleaning or draining the fuel tank is accomplished by simply removing the drain plug. The boiler coil and burner head service will keep your machine operating at maximum efficiency and minimise fuel costs.



SilentPower

Quiet Impact



SilentPower - unbeatably low noise level

Pump units designed to save time and money, make cleaning more user-friendly. With cost-effective performance, high durability and low sound levels, thanks to an uncompromising approach to construction of components and systems: • The 1450 RPM slow-revving motor gives more than a 50% reduction in sound levels

- Full ceramic piston sleeves with high resistance to wear and tear
- · Brass pump head and reinforced cylinder heads for longer lifetime
- Tapered roller bearings capable of carrying twice the load of normal bearing systems
- · Closed oil system with easy filling and emptying. Includes oil sight glass
- · Unloader valve

The NA5 wobble disc pump unit is not only robust and cost-effective – it is also quiet, making cleaning more comfortable. By reducing the sound level we reduce sound pollution significantly - making cleaning more comfortable for you.

The NP5 motor pump is a crankshaft pump unit developed with focus on two aspects: to offer the right level of performance and reliability to solve any cleaning task as quickly as possible, and to work quietly. By reducing the sound level more than 50% compared to existing 2-pole motor versions, we reduce both sound level pollution and extend motor pump unit lifetime significantly.

ErgoSystem - unbeatable standards in ergonomics

Intensive use of a pressure washer can be tiring for hands, arms and shoulders. We therefore studied and engineered the parts of a pressure washer handled most - the spray gun, lance and couplings - to reduce operator fatigue and thereby increase operating efficiency.

The ErgoSystem optimises ergonomics, user-friendliness and adaptability of our pressure washers for professional users. This unmatchable level of comfort reduces user fatigue and increases operating efficiency.

ErgoSystem makes it possible to change accessories in seconds, even without tools, and the range of accessories and attachments facilitate adaptation for specific cleaning tasks.





Flow Activated technology - unbeatable reliability, comfort and security

Flow activated unloader technology is based on the traditional KEW systems - tried and tested over more than 35 years. The start and stop impulses for the motor are created by the movement of water - and not by a drop or increase in pump pressure. This unique system offers several advantages, especially user comfort and safety when the machine runs in by-pass mode:

- Hose is easier to move around and the absence of pressure offers a higher level of safety.
- Increased lifetime: With the flow activated unloader, small leaks will not cause motor start-stops.
- Easily serviced system with good access to key components.
- Low pressure at the pump head.

NOTE: on hot water machines with flow unloader, the break tank is no longer sufficient to comply fully with water bylaws EN1717 - as a by-pass around the break tank is made for the startup flow. In this case, it is recommended to also use an approved BA valve.



Compact mobile cold water



TECHNICAL DATA	POSEIDON 2-24 PORTABLE
Pump pressure (bar/MPa)	100/10
Cleaning impact (kg/force)	2.4
Water flow Qmax/QIEC (I/h)	650/600
Max. inlet temperature (°C)	40
Pump (RPM)	2800
Dimensions L x W x H (mm)	555 x 290 x 275
Weight (kg)	24
Power consumption (kW)	2.2
Voltage/phase/frequency/current (V/~/Hz/A)	230/1/50/10
El cable (m)	5
Suction height dry (m)	0.5
Nozzle size	0500
FEATURES	
Pistons/number of pistons	Stainless/3
Automatic start/stop	
STANDARD EQUIPMENT	
HP hose (DN8)	1405569 [10 m]
Ergo 2000 gun	106403122
Ergo coupling	101119496
Water inlet coupling*	32541
FlexoPower Plus lance without HP nozzle	106402282
Tornado Plus nozzle	101119741
ITEM NO.	106174751 EU



POSEIDON 2





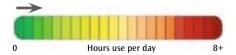
These compact cold water units are for low intensity use and routine cleaning tasks. They offer excellent cleaning performance, professional spray equipment, good storage facilities and handling.



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.







Not available in the UK

UK model has hose reel Available from March 2011

TECHNICAL DATA	POSEIDON 2-25 XT
Pump pressure (bar/MPa)	140/14
Cleaning impact (kg/force)	2.5
Water flow Qmax/QIEC (I/h)	610/540
Max. inlet temperature (°C)	60
Pump (RPM)	2800
Power consumption (kW)	2.9
Voltage/phase/frequency/current (V/~/Hz/A)	230/1/50/12.6
El cable (m)	5
Suction height dry (m)	0.5
Nozzle size	0350
FEATURES	
Pistons/number of pistons	Stainless / 3
Automatic start/stop	\bullet
Flow regulation	
15 metre hose and rotary jet lance	\bullet
Detergent injector hose and doser	
Detergent tank (I)	\bullet
Hose reel	\bullet
STANDARD EQUIPMENT	
HP hose (DN6)	6528613 [15 m]
Ergo 2000 gun	106403122
Ergo coupling	101119496
Water inlet coupling*	32541
FlexoPower Plus lance without HP nozzle	106402282
TurboHammer Plus lance with HP nozzle	106403001
Tornado Plus nozzle	101119736
ITEM NO.	128470137

Compact mobile cold water

POSEIDON 3



The POSEIDON 3 is a light duty professional model using professional spray equipment for professional applications.



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



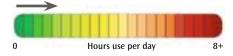
POSEIDON 3 • Axial pump.

• Ergonomic and compact design.

- 3 stainless steel pistons.
 Detergent injector hose and doser.
 Powerful and long lasting.
 Ergo accessory concept for optimal user comfort.







TECHNICAL DATA	POSEIDON	POSEIDON	POSEIDON	POSEIDON	POSEIDON
	3-26	3-26 XT	3-30	3-40	3-40 XT
Pump pressure (bar/MPa)	150/15	150/15	135/13,5	170/17	170/17
Cleaning impact (kg/force)	2.6	2.6	3.0	4.0	4.0
Water flow Qmax/QIEC (I/h)	660/600	660/600	650/630	825/750	825/750
Max. inlet temperature (°C)	60	60	60	60	60
Pump (RPM)	2800	2800	2800	2800	2800
Dimensions L x W x H (mm)	400 x 400 x 1020				
Weight (kg)	34.5	37	34.5	35	37.5
Power consumption (kW)	3.0	3.0	3.0	4.2	4.2
Voltage/phase/frequency/current (V/~/Hz/A)	230/1/50/13	230/1/50/13	110/1/50/32	400/3/50/8.5	400/3/50/8.5
El cable (m)	5	5	5	5	5
Suction height dry (m)	0.5	0.5	0.5	0.5	0.5
Nozzle size	0370	0370	0450	0450	0450
FEATURES					
Pistons/number of pistons	Stainless/3	Stainless/3	Stainless/3	Stainless/3	Stainless/3
Automatic start/stop	•	•	•	•	•
15 metre hose and rotary jet lance		•			•
Detergent injector hose and doser	•	•	•	•	•
Hose reel		•	•		•
STANDARD EQUIPMENT					
HP hose (DN6)	301002275 [10 m]	101117763 [15 m]	301002275 [10 m]	301002275 [10 m]	101117763 [15 m]
Ergo 2000 gun	106403122	106403122	106403122	106403122	106403122
Ergo coupling	101119496	101119496	101119496	101119496	101119496
Water inlet coupling*	32541	32541	32541	32541	32541
Hose reel		301002343			301002343
ElexoPower Plus lance without HP nozzle	106402281	106402281	106402281	106402281	106402281
TurboHammer Plus lance with HP nozzle		106403002			106402290
Tornado Plus nozzle	101119737	101119737	101119740	101119740	101119740
ITEM NO.	301002202	301002203	301002204	301002221	301002222

Medium mobile cold water

POSEIDON 4



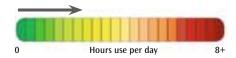


POSEIDON 4 • 1450 RPM pump. • Axial, wobble disc pump. • Brass pump head. • Reduced sound level. • 3 ceramic pistons. • Ergonomic design. • Ergo accessory concept for optimal user comfort. The first model in the mid-range cold water segment, tough and reliable and adapted for more intense applications. 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.

Nilfisk ALTO works for you

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





Claning impact (kg/force)2.82.83.13.63.6Water (hoy Omax/bre: (h/h)620/500620/500670720760700760700Max. inlet temperature (°)6060606060Pump (RPM)14501450145014501450Dimensions Lx W x H (mm)400 x 400 x 1030400 x 400 x 1030Weight (kg)381383841383040.0 x 1030Voltage/hase/frequency(curret (l/~/Hz/A)230/150/13230/150/13230/150/13400/350/7.3400/350/7.3Voltage/hase/frequency(curret (l/~/Hz/A)230/150/13230/150/13230/150/13400/350/7.3400/350/7.3Voltage/hase/frequency(curret (l/~/Hz/A)25055555Suction height dry (m)0.50.50.50.555Nozel size0400000060007504075040750FRTURES0400060007500750666Forter hore and rotary ig fance666666Tis metre hore and rotary ig fance100027511011763 [fs]1011963101			0			
Pumpersure (har/MPA)140/14100/10160/16160/16Claning inpact (kyfore)2.82.83.6<	TECHNICAL DATA	POSEIDON	POSEIDON	POSEIDON	POSEIDON	
Clamin impact (kg/force)2.82.83.13.63.6Water flw Qmax/brc (lyh)620/500620/500670/720760/700760/700Max. inlet temperature (°)6060606060Pump (RPM)14501450145014501450Dimensions Lx W x H (mm)400 x 400 x 1030400 x 400 x 1030Weight (kg)38413838413840400/50/7.3400/50/7.3Voltage/hase/frequency/current (V/~/Hz/A)230/150/13230/150/13230/150/13400/350/7.3400/350/7.3400/350/7.3Voltage/hase/frequency/current (V/~/Hz/A)230230/150/13230/150/13400/350/7.3400/350/7.3Voltage/hase/frequency/current (V/~/Hz/A)230230/150/13230/150/13400/350/7.3400/350/7.3Voltage/hase/frequency/current (V/~/Hz/A)230230/150/13230/150/13400/350/7.3400/350/7.3Voltage/hase/frequency/current (V/~/Hz/A)2300.50.50.555Suction height dry (m)0.50.50.50.50.50.50.5Nozel size04000.000.600.60.60.60.6FEATURES04000.5 <td></td> <td></td> <td></td> <td></td> <td></td> <td>4-36 XT</td>						4-36 XT
Water flow Qmax/Qire (th/n) 620/580 620/580 670/720 760/700 760/700 Max. inlet temperature (°C) 60 60 60 60 60 60 Pum (RPM) 1450 1450 1450 1450 1450 1450 Dimensions Lx Wx h (mm) 400 x 400 x 1030 50 x 5 x 5 x 5 x 5 x 5 x 5 x 5 x 5 x	Pump pressure (bar/MPa)	140/14	140/14	100/10	160/16	160/16
Max. inlet temperature (°C) Go Go Go Go Go Pump (RPM) 1450 1450 1450 1450 1450 1450 Dimensions L x W x H (mm) 400 x 400 x 1030 402 x 42 x 2 42 42 42 400 x 400 x 1030	Cleaning impact (kg/force)	2.8	2.8	3.1	3.6	3.6
Pump (RPM)1450145014501450145014501450Dimensions L x W x H (mm)400 x 400 x 1030400 x 1	Water flow Qmax/QIEC (I/h)	620/580	620/580	670/720	760/700	760/700
Dimension 1 x W x H (mm)400 x 400 x 1030400 x 400 x 1030400 x 400 x 1030400 x 400 x 1030400 x 400 x 1030Weight (kg)3841383841Power consumption (kW)2.92.92.934.24.2Voltage/phase/frequency/current (V/~/Hz/A)230/1/50/13230/1/50/13230/1/50/13400/3/50/7.3400/3/50/7.3El cable (m)55555555Notzel size0.50.50.50.50.50.50.5Nozel size040004000600047504750475Pistons/number of pistonsCeramic coated/3Ceramic coated/3Ceramic coated/3Ceramic coated/3Ceramic coated/3Ceramic coated/3Ceramic coated/30T is metre hose and rotary jet lance6666666Pistons/number of pistons01002275 [10m]101117763 [15m]301002275 [10m]101117763 [15m]1011017763 [15m]1011017763 [15m]1011017763 [15m]1011017763 [15m]101117763 [15m]101117763 [15m]101117463 [1210640312210640312210640312210640312210640312210640312210640312210640312210640312210640312210640312210640312210640312210640312101117763 [15m]101117763 [15m]101117763 [15m]101117763 [15m]101117763 [15m]101117763 [15m]101117763 [15m]101117763 [15m]101117763 [15m]101117763 [15m]101111763 [15m]101117763 [15m]<	Max. inlet temperature (°C)	60	60	60	60	60
Weight (kg)3841383841Power consumption (kW)2.92.92.934.24.2Voltage/phase/frequency/current (V/~/Hz/A)230/1/50/13230/1/50/13230/1/50/13400/3/50/7.3400/3/50/7.3El cable (m)5555555Suction height dry (m)0.50.50.50.50.50.5Nozzle size040004000600047504750475Pistons/number of pistonsCeramic coated/3Ceramic coated/3Ceramic coated/3Ceramic coated/3Ceramic coated/3Ceramic coated/3Ceramic coated/3Ceramic coated/3Ceramic coated/3Ceramic coated/30.50.5Distons/number of pistonsCeramic coated/3Ceramic coate	Pump (RPM)	1450	1450	1450	1450	1450
Nover consumption (kW) 2.9 2.9 2.93 4.2 4.2 Voltage/phase/frequency/current (V/~/Hz/A) 230/1/50/13 230/1/50/13 230/1/50/13 400/3/50/7.3 400/3/50/7.3 El cable (m) 5 5 5 5 5 5 Suction height dry (m) 0.5 0.5 0.5 0.5 0.5 Nozzle size 0400 0400 0600 0475 0475 Pistons/number of pistons Ceramic coated/3 Ceramic coated/3 Ceramic coated/3 Ceramic coated/3 Ceramic coated/3 Statter hose and rotary jet lance 0 0 0 0 0 0 0 StANDAB EQUIPMENT 4	Dimensions L x W x H (mm)	400 x 400 x 1030				
Voltage/phase/frequency/current (V/~/Hz/A)230/1/50/13230/1/50/13200/3/50/7.3400/3/50/7.3El cable (m)555555Suction height dry (m)0.50.50.50.50.50.5Nozzle size040004000600047504750475FEATURESImage: Contact of Cont	Weight (kg)	38	41	38	38	41
El cable (m)55555Suction height dry (m)0.50.50.50.50.50.5Nozzle size04000400060004750475FATURESImage: Coated/3Ceramic coated/3Cera	Power consumption (kW)	2.9	2.9	2.93	4.2	4.2
Suction height dry (m)0.50.50.50.50.50.5Nozzle size04000400060004750475FEATURESIIIIIIPistons/number of pistonsCeramic coated/3Ceramic coated/3Ceramic coated/3Ceramic coated/3Ceramic coated/3Ceramic coated/3Ceramic coated/3Ceramic coated/3Ceramic coated/3II <td< td=""><td>Voltage/phase/frequency/current (V/~/Hz/A)</td><td>230/1/50/13</td><td>230/1/50/13</td><td>230/1/50/13</td><td>400/3/50/7.3</td><td>400/3/50/7.3</td></td<>	Voltage/phase/frequency/current (V/~/Hz/A)	230/1/50/13	230/1/50/13	230/1/50/13	400/3/50/7.3	400/3/50/7.3
Nozzle size 0400 0400 0600 0475 0475 FEATURES Image: Control of pistons Ceramic coated/3	El cable (m)	5	5	5	5	5
FATURESImage: contend set of the set of t	Suction height dry (m)	0.5	0.5	0.5	0.5	0.5
Pistons/number of pistons Ceramic coated/3 Ceramic	Nozzle size	0400	0400	0600	0475	0475
Automatic start/stop•••	FEATURES					
15 metre hose and rotary jet lanceMediaMediaMediaMediaMediaMediaDetergent tank (l)444444Hose reelSTANDARD EQUIPMENT000000HP hose (DN6)301002275 [10 m]101117763 [15 m]301002275 [10 m]301002275 [10 m]101117763 [15 m]Ergo 2000 gun106403122106403122106403122106403122106403122106403122Krgo coupling101119496101119496101119496101119496101119496Water inlet coupling*3254132541325413254132541Hose reel106402281106402281106402281106402281106402281FlexoPower Plus lance without HP nozzle106402281106403002106402281106402281106402281Detergent tank301002751301002751301002751301002751301002751301002751Tornado Plus nozzle1011197381011973810111974430150055301150055	Pistons/number of pistons	Ceramic coated/3				
Detergent tank (I) 4 4 4 4 4 4 4 Hose reel I </td <td>Automatic start/stop</td> <td>•</td> <td>•</td> <td>•</td> <td>•</td> <td>•</td>	Automatic start/stop	•	•	•	•	•
Hose reel Image: Market re	15 metre hose and rotary jet lance		•			•
STANDARD EQUIPMENT Image: Constraint of the state of the	Detergent tank (I)	4	4	4	4	4
HP hose (DN6) 301002275 [10 m] 101117763 [15 m] 301002275 [10 m] 101117763 [15 m] Ergo 2000 gun 106403122 106403122 106403122 106403122 106403122 Ergo coupling 101119496 101119496 101119496 101119496 101119496 Water inlet coupling* 32541 32541 32541 32541 32541 Hose reel 010022701 064032281 106403281 106402281 01002701 FlexoPower Plus lance without HP nozzle 106402281 10640302 01002701 06402281 106402281 Detergent tank 301002751 301002751 301002751 301002751 301002751 301002751 Tornado Plus nozzle 101119738 10119738 10119744 30150055 30150055	Hose reel		•			•
Ergo 2000 gun 106403122 106403122 106403122 106403122 106403122 Ergo coupling 101119496 101119496 101119496 101119496 101119496 101119496 Water inlet coupling* 32541 32541 32541 32541 32541 32541 301002701 301002701 301002701 106403281	STANDARD EQUIPMENT					
Ergo couping 101119496 101119496 101119496 101119496 101119496 Water inlet coupling* 32541 32541 32541 32541 32541 32541 32541 Hose reel 01002701 01002701 01002701 01002701 01002701 01002281 01002701 01002281 01002701 01002281 0106402281 0106402281 01640228	HP hose (DN6)	301002275 [10 m]	101117763 [15 m]	301002275 [10 m]	301002275 [10 m]	101117763 [15 m]
Water inlet coupling* 32541 32541 32541 32541 32541 32541 32541 32541 32541 32541 32541 32541 32541 32541 32541 301002701 301002751 301002751 301002751 301002751 30110205 301150005 301150005 301150005 301150005 301150005 301150005 301150005 301150005 301150005 301150005 301150005	Ergo 2000 gun	106403122	106403122	106403122	106403122	106403122
Hose reel 301002701 301002701 301002701 FlexoPower Plus lance without HP nozzle 106402281 106402281 106402281 106402281 106402281 106402281 TurboHammer Plus lance with HP nozzle 1060020 106403002 106402291 106402291 Detergent tank 301002751 301002751 301002751 301002751 301002751 Tornado Plus nozzle 101119738 101119744 30150055 30150055	Ergo coupling	101119496	101119496	101119496	101119496	101119496
FlexoPower Plus lance without HP nozzle 106402281 106402281 106402281 106402281 106402291 TurboHammer Plus lance with HP nozzle 01002751 01002751 01002751 01002751 01002751 01002751 01002751 01002751 01109705 01150005	Water inlet coupling*	32541	32541	32541	32541	32541
TurboHammer Plus lance with HP nozzle 106403002 106403002 10640291 Detergent tank 301002751 301002751 301002751 301002751 Tornado Plus nozzle 10119738 10119738 10119744 30150055 30150055	Hose reel		301002701			301002701
Detergent tank 301002751 301002751 301002751 301002751 301002751 Tornado Plus nozzle 101119738 101119744 301150005 301150005	FlexoPower Plus lance without HP nozzle	106402281	106402281	106402281	106402281	106402281
Tornado Plus nozzle 101119738 101119744 301150005 301150005	TurboHammer Plus lance with HP nozzle		106403002			106402291
	Detergent tank	301002751	301002751	301002751	301002751	301002751
ITEM NO 201002005 201002011 201002084 201002014 201002014	Tornado Plus nozzle	101119738	101119738	101119744	301150005	301150005
TIEM NU. 501002305 501002311 501005164 501002314 501002316	ITEM NO.	301002905	301002911	301003184	301002914	301002918

Medium mobile cold water

POSEIDON 5



The POSEIDON 5 is the core mid-range cold water product. Tough and reliable and adapted for more intense applications in all sectors. Robust and manoeuverable with an industrial motor pump unit assuring top cleaning, low sound and long lifetime.



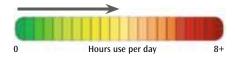
The NA5 wobble disc pump unit is not only robust and costeffective – it is also quiet, making cleaning more comfortable. POSEIDON 5 also features SilentPower. No compromise has been made on quality materials and lifetime.



- Axial wobble disc pump.
- Brass cylinder head.
 1450 RPM motor pump units.
 Easy to use.
- · Full ceramic pistons.

- 6 L detergent tank.
 Robust and stable for use in tough environments.
 Ergo accessory concept for optimal user comfort.





TECHNICAL DATA	POSEIDON							
	5-32	5-32 XT	5-41	5-41 XT	5-55	5-55 XT	5-61	5-61 XT
Pump pressure (bar/MPa)	100/10	100/10	180/18	180/18	205/20.5	205/20.5	215/21.5	215/21.5
Cleaning impact (kg/force)	3.2	3.2	4.1	4.1	5.5	5.5	6.1	6.1
Water flow Qmax/QIEC (I/h)	840/760	840/760	840/760	840/760	1050/970	1050/970	1130/1040	1130/1040
Max. inlet temperature (°C)	60	60	60	60	60	60	60	60
Pump (RPM)	1450	1450	1450	1450	1450	1450	1450	1450
Dimensions L x W x H (mm)	740 x 570 x 1015	920 x 550 x 1015	740 x 570 x 1015	920 x 550 x 1015	740 x 570 x 1015	920 x 550 x 1015	740 x 570 x 1015	920 x 550 x 1015
Weight (kg)	70	80	75	85	75	85	79	89
Power consumption (kW)	3	3	4.5	4.5	6.4	6.4	7.0	7.0
Voltage/phase/frequency/current (V/~/Hz/A)	230/1/50/13	230/1/50/13	400/3/50/8.4	400/3/50/8.5	400/3/50/11.9	400/3/50/12	400/3/50/12.6	400/3/50/12.8
El cable (m)	5	5	5	5	5	5	5	5
Suction height dry (m)	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Nozzle size	0550	0550	0400	0400	0500	0500	0530	0530
FEATURES								
Pistons/number of pistons	Ceramic/3							
Automatic start/stop	•	•	•	•	•	•	•	•
15 metre hose and rotary jet lance		•		•		•		•
Detergent tank (I)	6	6	6	6	6	6	6	6
Hose reel		•		•		•		•
STANDARD EQUIPMENT								
HP hose (DN8)	101405770 [10 m]	301001100 [15 m]						
Ergo 2000 gun	106403122	106403122	106403123 (VP)					
Ergo coupling	101119496	101119496	101119496	101119496	101119496	101119496	101119496	101119496
Water inlet coupling*	61369	61369	61369	61369	61369	61369	61369	61369
Hose reel		301001310		301001310		301001310		301001310
Tornado Plus lance without HP nozzle	106403010	106403010	106403010	106403010	106403010	106403010	106403010	106403010
TurboHammer Plus lance with HP nozzle		106402292		106403002		106402291		106402292
Tornado Plus nozzle	101119743	101119743	101119738	101119738	101119741	101119741	101119742	101119742
ITEM NO.	107146500	107146501	107146503	107146516	107146509	107146514	107146518	107146522



POSEIDON 5





The POSEIDON 5-63 is the ideal partner for cold water cleaning tasks in all sectors. High performance, unbeatable ergonomics, low sound levels and easy servicing make this an unmatchable pressure washer.



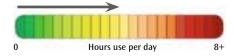
The removable detergent tank is easy to fill and to empty and the level of remaining detergent can be checked within seconds. Standard equipment on all XT models.



POSEIDON 5-63 XT

- Brass cylinder head.
- SilentPower: noise level reduced by more than 50%.
 1450 RPM motor for longer working life.
- Easy to use.
 Robust and stable for use in tough environments.
- Vibration dampener for increased
- user comfort. Ergo accessory concept for optimal user comfort.





TECHNICAL DATA	POSEIDON	POSEIDON
	5-63	5-63 XT
Pump pressure (bar/MPa)	170/17	170/17
Cleaning impact (kg/force)	6.3	6.3
Water flow Qmax/QIEC (I/h)	1300/1200	1300/1200
Max. inlet temperature (°C)	60	60
Pump (RPM)	1450	1450
Dimensions L x W x H (mm)	740 x 570 x 1015	920 x 550 x 1015
Weight (kg)	79	89
Power consumption (kW)	7.8	7.8
Voltage/phase/frequency/current (V/~/Hz/A)	400/3/50/14.1	400/3/50/14.1
El cable (m)	5	5
Suction height dry (m)	1.5	1.5
Nozzle size	0750	0750
FEATURES		
Pistons/number of pistons	Ceramic/3	Ceramic/3
Automatic start/stop	•	•
15 metre hose and rotary jet lance		
Vibration dampener for increased comfort	•	•
Detergent tank (I)		7
Hose reel		•
STANDARD EQUIPMENT		
HP hose (DN10)	6101766 [10 m]	1402064 [15 m]
Ergo 2000 gun	106403122	106403122
Ergo coupling	101119496	101119496
Water inlet coupling*	61369	61369
Hose reel		301001310
Tornado Plus lance without HP nozzle	106403010	106403010
TurboHammer Plus lance with HP nozzle		106402295
Tornado Plus nozzle	101119749	101119749
ITEM NO.	301000965	301000967

Premium mobile cold water

POSEIDON 7



The POSEIDON 7 is the ultimate industrial class cold water pressure washer in any application. Linking the advantages of high water flow and high pressure, allowing both cleaning of intense dirt and flushing and rinsing of large quantities of loose dirt makes it ideal for agriculture, industry or the food industry.



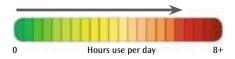
The POSEIDON 7 is equipped with the C3 - 4 ceramic piston pump with high water flow and high pressure. An inlet temperature at 85°C, and offers unbeatable lifetime for the toughest environments.



POSEIDON 7

- Heavy duty C3 pumps with
- extended lifetime. • Axial wobble disc pump.
- Brass cylinder head.
 Ergo accessory concept for optimal user comfort.





TECHNICAL DATA	POSEIDON	POSEIDON	POSEIDON	POSEIDON
	7-59	7-66	7-66 F	7-66 FB
Pump pressure (bar/MPa)	170/17	190/19	190/19	190/19
Cleaning impact (kg/force)	5.9	6.6	6.6	6.6
Water flow Qmax/QIEC (I/h)	1200/1120	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)	1020 x 480 x 940			
Weight (kg)	71	74	74	74
Power consumption (kW)	7.1	8	8	8
Voltage/phase/frequency/current (V/~/Hz/A)	400/3/50/12	400/3/50/14	400/3/50/14	400/3/50/14
El cable (m)	8	8	8	8
Suction height dry (m)	1.5	1.5	1.5	1.5
Nozzle size	0640	0640	0640	0640
FEATURES				
Pistons/number of pistons	Ceramic/4	Ceramic/4	Ceramic/4	Ceramic/4
On-board water break tank				1.5
Foam injector				•
Stainless steel frame			•	•
Grey, non marking wheels and hose			•	•
Automatic start/stop	•		•	•
STANDARD EQUIPMENT				
HP hose (DN10)	6101766 [10 m]	6101766 [10 m]	6101767 [10 m]**	6101767 [10 m]**
Ergo 2000 gun	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	101119745	101119745	101119745	101119745
ITEM NO.	301000210	301000213	301000223	301000224

22



POSEIDON 8



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



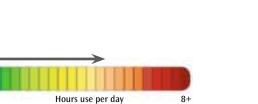
Pressure levels of 160 to 200 bar and water flow of up to 2500 l/h depending upon the model means even ingrained dirt can be cut into or loose dirt flushed away, bringing working time down considerably. When using optional extra equipment the POSEIDON 8 can also be used by 2 people at the same time thanks to the high water flow.



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POSEIDON 8

- Large, wide pneumatic wheels.
- Optional injector doser with suction hose.
- 2 lance holders.
 - Parking brake.Optional hose reel.
 - Ergo accessory concept for optimal user comfort.



TECHNICAL DATA	POSEIDON	POSEIDON	POSEIDON	POSEIDON	POSEIDON	POSEIDON
	8-75	8-82	8-111	8-111 ST	8-125	8-125 ST
Pump pressure (bar/MPa)	200/20	170/17	180/18	180/18	160/16	160/16
Cleaning impact (kg/force)	7.5	8.2	11.1	11.1	12.5	12.5
Water flow Qmax/QIEC (I/h)	1390/1320	1630/1560	2100/2050	2100/2050	2500/2450	2500/2450
Max. inlet temperature (°C)	50	50	50	50	50	50
Pump (RPM)	1450	1450	1450	1450	1450	1450
Dimensions L x W x H (mm)	900 x 910 x 660	900 x 910x 660	900 x 910 x 660			
Weight (kg)	86	87	98	97	98	97
Power consumption (kW)	8.1	8.1	14	14	14	14
Voltage/phase/frequency/current (V/~/Hz/A)	400/3/50/16	400/3/50/16	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	5	5
Self suction	1.5	1.5				
Nozzle size	0700	0950	1200	1200	1590	1590
FEATURES						
Pistons/number of pistons	Ceramic/3	Ceramic/3	Ceramic/3	Ceramic/3	Ceramic/3	Ceramic/3
Stainless steel frame				•		•
Automatic start/stop	•	•	•	•	•	•
STANDARD EQUIPMENT						
HP hose (15 m)	1402064 [DN10]	1402064 [DN10]	1402064 [DN10]	1402064 [DN10]	4810213 [DN12]	4810213 [DN12]
Ergo 3000 gun	106402190	106402190	106402190	106402190	106402190	106402190
Ergo coupling	101119496	101119496	101119496	101119496	101119496	101119496
Water inlet coupling*	61369	61369	61369	61369	61369	61369
Tornado Plus lance without HP nozzle	106403010	106403010	106403010	106403010	106403010	106403010
Tornado Plus nozzle	101119748	101117655	101119758	101119758	301150004	301150004
ITEM NO.	107146540	107146541	301002534	301002618	301002535	301002619

Pressure washers – liquid and air driven



TECHNICAL DATA	2603 KLU	4403 KOS
Pump pressure (bar/MPa)	120/12	160/16
Cleaning impact (kg/force)	3.9	5.9
Water flow Qmax/QIEC (I/h)	950/880	1150/1040
Max. inlet temperature (°C)	40	65
Pump (RPM)	1450	1450
Power source, air driven	290 m³/h	
Power source, hydraulically driven		42.7 l/min. at 95-200 bar
Dimensions L x W x H (mm)	1000 x 545 x 825	530 x 319 x 450
Weight (kg)	70	44
Nozzle size	0640	0640
FEATURES		
Pistons/number of pistons	Stainless/4	Stainless/4
STANDARD EQUIPMENT		
HP Hose (DN10, 10 m)	6101766	6101766
Ergo 2000 gun	106403122	106403122
Ergo coupling	106402075	106402075
Water inlet coupling*	1602945	1602945
Tornado Plus lance without HP nozzle	106403010	106403010
Tornado Plus nozzle	101119745	101119745
ITEM NO.	6170000	6170330

* NITO coupling

Compact mobile hot water

NEPTUNE 1





NEPTUNE 1

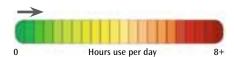
Low pressure detergent.
Duo motor system.
Exhaust gas sensor.
Manoeuvrable design.
Ergo accessory concept for optimal user comfort.

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.





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



TECHNICAL DATA	NEPTUNE 1-22
Pump pressure (bar/MPa)	110/11
Cleaning impact (kg/force)	2.2
Water flow Qmax/QIEC (I/h)	600/540
Max. inlet temperature (°C)	40
Pump (RPM)	2800
Water temperature (water/steam) (°C)	80/
Fuel consumption, ΔT=45°C (kg/h)	2.6
Fuel tank (I)	17
Dimensions L x W x H (mm)	607 x 688 x 1000
Weight (kg)	91
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	\bullet
Flame sensor	
Low fuel cut off	\bullet
Detergent tank (I)	5
STANDARD EQUIPMENT	
HP Hose (DN6)	301002275 [10 m]
Ergo 2000 gun	106403122
Ergo coupling	101119496
Water inlet coupling*	32541
FlexoPower Plus lance without HP nozzle	106402281
Tornado Plus nozzle	101119738
ITEM NO.	107145001



Compact mobile hot water

NEPTUNE 2



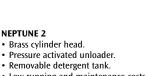


Compact hot water unit with innovative design - ideal for vehicles, trade and small-scale agriculture. The NEPTUNE 2 series combines robust design with the traditional features of larger machines. EcoPower boiler, DuoMotor, flame sensor, low fuel sensor and ceramic pistons.





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

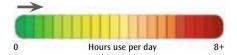


- Low running and maintenance costs.
 Exhaust gas sensor.
 Two lance holders.

NEPTUNE 2

- Unbeatable ergonomics.
- Low storage space and footprint.
- Excellent cleaning performance.
- Ergo accessory concept for optimal user comfort.





TECHNICAL DATA	NEPTUNE 2-25	NEPTUNE 2-25 X
Pump pressure (bar/MPa)	90/9	90/9
Cleaning impact (kg/force)	2.5	2.5
Water flow Qmax/Qiec (l/h)	670/640	670/640
Max. inlet temperature (°C)	40	40
Pump (RPM)	2800	2800
Water temperature (water/steam) (°C)	80/150	80/150
Fuel consumption, $\Delta T=45^{\circ}C$ (kg/h)	3.1	3.1
Fuel tank (I)	17	17
Dimensions L x W x H (mm)	607 x 688 x 1000	607 x 688 x 1071
Weight (kg)	97	99
Power consumption (kW)	2.8	2.8
Voltage/phase/frequency/current (V/~/Hz/A)	230/1/50/12.3	230/1/50/12.3
El cable (m)	5	5
Nozzle size	0530	0530
FEATURES		
Pistons/number of pistons	Ceramic coated/3	Ceramic coated/3
Automatic start/stop	•	•
Flame sensor	•	•
Low fuel cut off	•	•
Detergent tank (I)	5	5
Hose reel and 15 metre hose		•
STANDARD EQUIPMENT		
HP Hose (DN6)	301002275 [10 m]	101117763 [15 m]
Ergo 2000 gun	106403122	106403122
Ergo coupling	101119496	101119496
Water inlet coupling*	32541	32541
Hose reel		107145197
Universal Plus lance without HP nozzle	106403036	106403036
Tornado Plus nozzle	101119742	101119742
ITEM NO.	107145005	107145006

Compact mobile hot water

NEPTUNE 2 SPECIAL





NEPTUNE 2 SPECIALBrass cylinder head.Ceramic pistons.

Flame Sensor.Low fuel sensor.

Pressure activated unloader.
Removable detergent tank.
Service indicator.

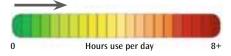
 Time delayed auto start/stop (20 sec) for extended motor reliability and for increased user comfort.
 Ergo Accessory concept for optimal user comfort.

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.





Not available in the UK

TECHNICAL DATA	NEPTUNE	NEPTUNE	NEPTUNE	NEPTUNE
	2-26 SPECIAL	2-26 X SPECIAL	2-30 SPECIAL	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 (I/h)	600/560	600/560	660/600	660/600
Max. inlet temperature (°C)	40	40	40	40
Pump (RPM)	1450	1450	1450	1450
Water temperature (water/steam) (°C)	80	80	80	80
Fuel consumption, ΔT=45°C (kg/h)	2.7	2.7	2.9	2.9
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
STANDARD EQUIPMENT				
HP Hose (DN6)	301002275 [10 m]	101117763 [15 m]	301002275 [10 m]	101117763 [15 m]
Ergo 2000 gun	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.		NOT	AVAILABLE IN UK	<u>^</u>

Medium mobile hot water

NEPTUNE 3/4



NEPTUNE 3

0

- EcoPower boiler with > 92% efficiency.
- 1450 rpm motor.
- · Easy to use control panel.
- · Ergo 2000 accessory concept.
- QuickService concept reduces maintenance costs.
- Easy to move and transport.
- Hose reel and additional hose (X Version). Ergo accessory concept for optimal user comfort.

Hours use per day



8+

NEPTUNE 4

• 1450 rpm motor.

• Steel frame and chassis. • Easy to move and transport.

• EcoPower boiler with > 92% efficiency.

• Hose reel and additional hose on -X models.

• NP5 pump with ceramic pistons. Easy to use control panel. Reduced air pollution.

NEPTUNE 4 delivers high performance, ease of use, low noise and high cleaning efficiency. The 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 is the ideal solution. The NEPTUNE 4 line is ideal for users with routine, tough cleaning tasks, including vehicles, farming areas or equipment or within industrial environments.

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NEPTUNE 4 EU model shown

TECHNICAL DATA	NEPTUNE	NEPTUNE	NEPTUNE	NEPTUNE	NEPTUNE	NEPTUNE
	3-25	3-25 X	4-25	4-28	4-28 X	4-54 X
Pump pressure (bar/MPa)	100/10	100/10	90/9	90/9	90/9	200/20
Cleaning impact (kg/force)	2.5	2.5	2.5	2.8	2.8	5.4
Water flow Qmax/QIEC (I/h)	670/640	670/640	720/660	770/730	770/730	1050/1000
Max. inlet temperature (°C)	40	40	40	40	40	40
Pump (RPM)	1450	1450	1450	1450	1450	1450
Water temperature (water/steam) (°C)	90/150	90/150	90/150	90/150	90/150	90/150
Fuel consumption, ΔT =45°C (kg/h)	3.1	3.1	3.2	3.5	3.5	4.9
Fuel tank (I)	16	16	15	15	15	15
Dimensions L x W x H (mm)	1053 x 685 x 760					
Weight (kg)	130	130	135	136	136	140
Power consumption (kW)	3	3	3	3	3	7.9
Voltage/phase/frequency/current (V/~/Hz/A)	240/1/50/13	240/1/50/13	110/1/50/32	230/1/50/13	230/1/50/13	400/3/50/14
El cable (m)	5	5	5	5	5	5
Nozzle size	0500	0500	0500	0640	0640	0500
FEATURES						
Pistons/number of pistons	Ceramic/3	Ceramic/3	Ceramic/3	Ceramic/3	Ceramic/3	Ceramic/3
Automatic start/stop	•	•	•	•	•	•
Flame sensor	•	•	•	•	•	•
15 metre hose		•			•	•
Hose reel		•			•	•
STANDARD EQUIPMENT						
HP Hose (DN8)	101405770 (10m)	301001100 [15 m]	1405569 [10 m]	1405569 [10 m]	301001100 [15 m]	301001100 [15 m]
Ergo 2000 gun	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		301001688			301001688	301001688
Universal Plus lance without HP nozzle	106403036	106403036	106403036	106403036	106403036	
Tornado Plus lance without HP nozzle						106403010
Tornado Plus nozzle	101119741	101119741	101119741	101119745	101119745	101119741
ITEM NO.	301001521	301001522	301002633	301002472	301002637	301003029

Medium mobile hot water

NEPTUNE 5





The NEPTUNE 5 series combine low 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.

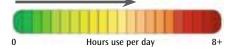


The NEPTUNE 5 means faster cleaning ombined with long service life, reducing overall cleaning costs. The NP5 pump unit is not only robust and cost-effective – it is also quiet, making cleaning more comfortable. No compromise has been made on quality materials and lifetime.

NEPTUNE 5

- EcoPower boiler with > 92% efficiency.
- 1450 RPM motor.
- NP5 pump with ceramic pistons.
- Easy to use control panel.Reduced air pollution.Brass cylinder head.
- QuickService concept reduces maintenance costs.
- · Efficient motor cooling.
- Tough metal frame.
- Hose reel and additional hose on X models.
- Ergo accessory concept for optimal user comfort.





TECHNICAL DATA	NEPTUNE 5-28	NEPTUNE 5-28 X2	NEPTUNE 5-57 X
Pump pressure (bar/MPa)	100/10	100/10	210/21
Cleaning impact (kg/force)	2.8	2.8	6.1
Water flow Qmax/QIEC (I/h)	770/730	770/730	1110/1050
Max. inlet temperature (°C)	40	40	40
Pump (RPM)	1450	1450	1450
Water temperature (water/steam) (°C)	90/150	90/150	90/150
Fuel consumption, ∆T=45°C (kg/h)	3.6	3.6	5.8
Fuel tank (I)	35	35	35
Dimensions L x W x H (mm)	1190 x 702 x 987	1190 x 702 x 987	1190 x 702 x 987
Weight (kg)	175	184	189
Power consumption (kW)	3	3	7.6
Voltage/phase/frequency/current (V/~/Hz/A)	230/1/50/13	230/1/50/13	400/3/50/17.3
El cable (m)	5	5	5
Nozzle size	0600	0600	0550
FEATURES			
Pistons/number of pistons	Ceramic/3	Ceramic/3	Ceramic/3
Automatic start/stop	•	•	•
Flame sensor	•	•	•
20 metre hose		•	•
Detergent tank (I)	A:15 + B:10	A:15 + B:10	A:15 + B:10
Hose reel		•	•
STANDARD EQUIPMENT			
HP Hose (DN8)	101405770 [10 m]	301001101 [20 m]	1402072 [20 m]
Ergo 2000 gun	106403122	106403122	106403122
Ergo coupling	101119496	101119496	101119496
Water inlet coupling*	61369	61369	61369
Hose reel		301001130	301001131
Universal Plus lance without HP nozzle	106403035	106403035	
Tornado Plus lance without HP nozzle			106403010
Tornado Plus nozzle	101119744	101119744	101119743
ITEM NO.	301000811	301000812	301000823

Premium mobile hot water

NEPTUNE 7

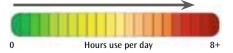




NEPTUNE 7

- EcoPower boiler with > 92% efficiency.
- 115 kW boiler.
- Reduced running costs 1450 RPM motor.
- C3 pump with 4 ceramic pistons.
- Easy to use control panel.
 Quick service 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.
- · Ergo accessory concept for optimal user comfort.





TECHNICAL DATA	NEPTUNE 7-63
Pump pressure (bar/MPa)	175/17.5
Cleaning impact (kg/force)	6.3
Water flow Qmax/QIEC (I/h)	1260/1170
Max. inlet temperature (°C)	40
Pump (RPM)	1450
Water temperature (water/steam) (°C)	90/150
Fuel consumption, ΔT=45°C (kg/h)	5.6
Fuel tank (I)	35
Dimensions L x W x H (mm)	1190 x 702 x 987
Weight (kg)	217
Power consumption (kW)	8.3
Voltage/phase/frequency/current (V/~/Hz/A)	400/3/50/15
El cable (m)	5
Nozzle size	0680
FEATURES	
Pistons/number of pistons	Ceramic/4
Automatic start/stop	
Flame sensor	
Detergent tank (I)	A:15 + B:10
STANDARD EQUIPMENT	
HP Hose (DN10)	6101766 [10 m]
Ergo 2000 gun	106403122
Ergo coupling	101119496
Water inlet coupling*	61369
Tornado Plus lance without HP nozzle	106403010
Tornado Plus nozzle	101119747
ITEM NO.	301000826

ALTO works for you The tough and robust NEPTUNE 7 series

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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.

Premium mobile hot water

NEPTUNE 8





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 can be used by 2 users simultaneously.

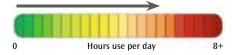


The EasyClean boiler reduces the difficult and time-consuming task of cleaning the coil to the level of routine maintenance. In some regions, legislation requires that the boiler is completely serviced annually, even if there are no apparent faults. The EasyClean coil can be removed for cleaning in less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

NEPTUNE 8

- EcoPower boiler with > 92% efficiency.
- High water flow pump.
- Reduced running costs.
- Brass cylinder head.
 1450 RPM, 4-pole motor with low noise level.
 QuickService reduced maintenance costs and service time.
- Efficient motor cooling.
- Easy to use control panel, all controls in one place.
- Can be used by 1 or 2 people at same time.
- Ergo accessory concept for optimal user comfort.





TECHNICAL DATA	NEPTUNE 8-103
Pump pressure (bar/MPa)	180/18
Cleaning impact (kg/force)	10.3
Water flow Qmax/QIEC (I/h)	2000/1950
Max. inlet temperature (°C)	40
Pump (RPM)	1450
Water temperature (water/steam) (°C)	70/150
Fuel consumption, ΔT=45°C (kg/h)	9.4
Fuel tank (I)	35
Dimensions L x W x H (mm)	1190 x 702 x 987
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 3000 gun w/swivel lock	106402190
Ergo coupling	101119496
Water inlet coupling*	61369
Tornado Plus lance without HP nozzle	106403010
Tornado Plus nozzle	101119758
ITEM NO.	301001786

Electrically heated mobile hot water

NEPTUNE E





· Pollution free electrical heating.

QuickService concept reduces maintenance costs.
Easy to use control panel, all controls in one place.
3 separate water tanks gives precise temperature and fast heating.
Ergo accessory concept for optimal user comfort.

NEPTUNE E

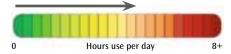
The NEPTUNE E is adapted for use in the food industry or hazardous areas and benefits from many of the same features as the NEPTUNE 5, including WDK dual chemical system, robust steel chassis and frame.





Three separate water tanks give precise temperature and fast heating.





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 702 x 987	1190 x 702 x 987
Weight (kg)	131	131
Voltage/phase/frequency/current (V/~/Hz/A)	400/3/50/27	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	•	\bullet
Detergent tank (I)	A:35 + B:10	A:35 + B:10
STANDARD EQUIPMENT		
HP Hose (DN8, 10m)	101405770	101405770
Ergo 2000 gun	106403122	106403122
Ergo coupling	101119496	101119496
Water inlet coupling*	61369	61369
Universal Plus lance without HP nozzle	106403035	106403035
Tornado Plus nozzle	101119739	101119739
ITEM NO.	301002020	301002021

Cold water – petrol driven

POSEIDON PE Robust long life pumps. • Robust design.

POSEIDON PE



· Honda motor on petrol versions. Wide range of models for all applications.Ergo accessory concept for optimal user comfort.

The POSEIDON PE range is ideal for 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.



POSEIDON 2 PE POSEIDON 3 PE POSEIDON 5 PE 0 8+ Hours use per day

▲ POSEIDON 3-36 PE

▲ POSEIDON 5-47 PE

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 (I/h)	700/650	700/650	840/750	900/840	900/840
Max. inlet temperature (°C)	60	60	60	60	60
Pump (RPM)	3400	3400	3400	3400	3400
Fuel	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	35	38	53	53
Fuel consumption (l/h)	1.5	1.5	1.4	2.5	2.5
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 - 1.5	0.5 - 1.5	1.0 - 1.5	1.0 - 1.5	1.0 - 1.5
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				•	•
Thermal dump valve	•	•	•	•	•
Detergent injector system	\bullet	•	•	•	•
2 lances		•			•
Hose reel with 10 m hose		•			•
STANDARD EQUIPMENT					
HP Hose (DN8, 10 m)	1405569	1405569	1405569	1405569	1405569
Ergo 2000 gun	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

Cold water – petrol and diesel driven

POSEIDON PE / DE



The POSEIDON PE or DE models are ideal for areas where mains power may not be available or not strong enough for tough cleaning tasks. 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

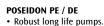
and in agricultural environments.

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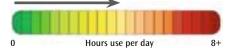
works for you





- Robust long interest
 Robust design.
- Honda motor on petrol versions.
- Yanmar L100AE motor on diesel version.
- Wide range of models for all applications.
- Ergo accessory concept for optimal user comfort.





▲ POSEIDON 5-53 PE

▲ POSEIDON 5-54 DE

TECHNICAL DATA	POSEIDON 5-53 PE	POSEIDON 5-67 PE	POSEIDON 5-67 PE XT	POSEIDON 5-54 DE
Pump pressure (bar/MPa)	200/20	230/23	230/23	195/19.5
Cleaning impact (kg/force)	5.3	6.7	6.7	5.4
Water flow Qmax/QIEC (I/h)	1030/930	1150/1100	1150/1100	1000/950
Max. inlet temperature (°C)	60	70	70	70
Pump (RPM)	3400	1550	1550	1500
Fuel	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	1000 x 615 x 1150
Weight (kg)	60	68	68	110
Fuel consumption (l/h)	3	3.7	3.7	2.4
Motor power (HP)	11	13	13	10
Motor type	HONDA GX 340	HONDA GX 390	HONDA GX 390	YANMAR L 100 AE
Suction height dry/wet (m)	0.0 - 0.5	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	\bullet	\bullet	•	•
Electrical start/stop				•
2 lances			•	
Hose reel with 10 m hose			•	
STANDARD EQUIPMENT				
HP Hose (DN8, 10 m)	1405569	1405569	1405569	1405569
Ergo 2000 gun	106403122	106403122	106403122	106403122
Ergo coupling	101119496	101119496	101119496	101119496
Water inlet coupling	61369*	61369*	61369*	61369*
FlexoPower Plus lance without HP nozzle	106402281			
TurboHammer Plus lance with HP nozzle			106402292	
Tornado Plus lance without HP nozzle		106403010	106403010	106403010
Tornado Plus nozzle	101119741	101119743	101119743	101119742
ITEM NO.	106174733	106174734	106174743	106174740

Hot water – petrol driven

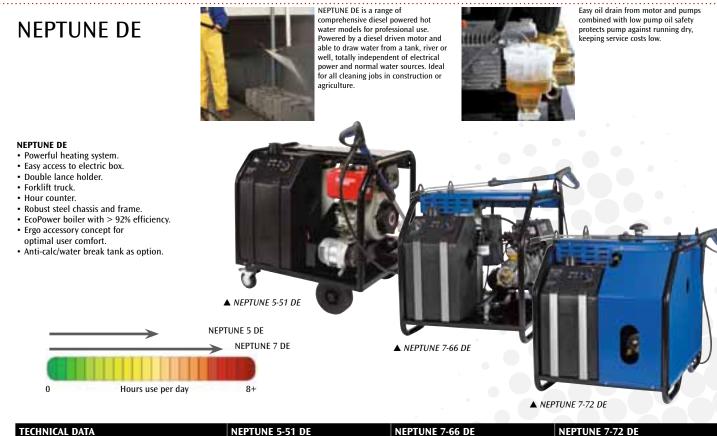
NEPTUNE PE is a range of Easy to use control panel – reduced comprehensive petrol powered hot water models for professional use. training time. Versions with high flow or **NEPTUNE PE** high pressure. Powered by a petrol motor and able to draw water from a tank, river or well, totally independent of electrical power and normal water sources. Ideal for fully autonomous use in the construction or agriculture, industrial segments or by contract cleaners. NEPTUNE PE · Powerful heating system. • Easy access to electric box. Double lance holder. Forklift truck. Robust steel chassis and frame. • EcoPower boiler with > 92% efficiency. • Ergo accessory concept for optimal user comfort. Anti-calc/water break tank as option. Optional wheel kit for NEPTUNE 5-54 PE, 5-85 PE and 7-61 PE. ▲ NEPTUNE 5-46 PE ▲ NEPTUNE 5-54 PE NEPTUNE 5 PE NEPTUNE 7 PE ▲ NEPTUNE 5-85 PE 0 Hours use per day 8+

▲ NEPTUNE 7-61 PE

TECHNICAL DATA	NEPTUNE 5-46 PE	NEPTUNE 5-54 PE	NEPTUNE 5-85 PE	NEPTUNE 7-61 PE
Pump pressure (bar/MPa)	200/20	220/22	240/24	220/22
Cleaning impact (kg/force)	4.6	5.4	8.5	6.1
Water flow Qmax/QIEC (I/h)	860/800	1000/900	1450/1350	1120/1010
Max. inlet temperature (°C)	40	40	40	40
Motor / Pump (RPM)	3400/1450	3400/1450	3400/1450	3400/1450
Water temperature (water/steam) (°C)	90/150	90/150	90/150	90/150
Fuel consumption, Boiler (Diesel), $\Delta T=45^{\circ}C$ (kg/h)	3.5	3.9	5.8	4.6
Fuel consumption, Motor (Petrol) (kg/h)	3	3.7	6	3.7
Fuel type	Petrol	Petrol	Petrol	Petrol
Onboard fuel tank for boiler (I)	57	57	57	57
Onboard fuel tank for motor (I)	6.1	6.1	25	6.1
Motor type	Honda GX 340	Honda GX 340	Honda GX 630	Honda GX 340
Motor power (HP)	11	13	24	13
Dimensions L x W x H (mm)	970 x 780 x 1000	970 x 780 x 1000	1100 x 910 x 1000	970 x 780 x 1000
Weight (kg)	208	208	260	210
Nozzle size	0400	0450	0650	0500
FEATURES				
Pistons/number of pistons	Ceramic/3	Ceramic/3	Ceramic/3	Ceramic/4
Flame sensor	•	•	\bullet	
Electrical start/stop	•			
Exhaust gas temperature sensor	•	•	•	•
Low pump oil safety	•	•	•	
Wheels	•			
STANDARD EQUIPMENT				
HP Hose	301001100 [DN8 x 15 m]	301001100 [DN8 x 15 m]	1402064 [DN10 x 15 m]	301001100 [DN8 x 15 m]
Ergo 2000 gun	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

Hot water - diesel driven





TECHNICAL DATA	NEPTUNE 5-51 DE	NEPTUNE 7-66 DE	NEPTUNE 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 (I/h)	1000/900	1200/1150	1300/1200
Max. inlet temperature (°C)	40	40	40
Motor / Pump (RPM)	3530/1485	3500/1750	3500/1630
Water temperature (water/steam) (°C)	90/150	90/150	90/150
Fuel consumption, $\Delta T=45^{\circ}C$ (kg/h)	3.9	5.0	5.2
Fuel consumption, Motor (Diesel) (kg/h)	2.4	3.6	3.6
Fuel type	Diesel	Diesel	Diesel
Onboard fuel tank for boiler (I)	57	57	57
Onboard fuel tank for motor (l)	5.5	4	Same as for boiler
Motor type	Yanmar	Ruggerini	Mitsubishi
Motor power (HP)	10	16	27
Dimensions L x W x H (mm)	970 x 780 x 1000	1130 x 910 x 1050	1130 x 910 x 1050
Weight (kg)	220	315	510
Nozzle size	0450	0650	0640
FEATURES			
Pistons/number of pistons	Ceramic/3	Ceramic/4	Ceramic/4
High pump temerature cut		•	•
Thermal dump valve			
Flame sensor		•	•
Electrical start/stop		•	
Exhaust gas temperature sensor	\bullet	•	
Low pump oil safety	•	•	•
Wheels	•		
STANDARD EQUIPMENT			
HP Hose	301001100 [DN8 x 15 m]	1402064 [DN10 x 15 m]	1402064 [DN10 x 15 m]
Ergo 2000 gun	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

*Universal brass coupling.

Stationary cold water

MAXXI 4-73 S



The MAXXI 4-73 S is ideal for routine cleaning in agriculture, garages, car rental companies, butchers and around swimming pools. Can also be connected to a stationary piping system.



MAXXI 4-73 S is a ready-to-use stationary line for everyday use in most segments due to a robust ceramic piston pump, equipped with lance, hose and spray gun.



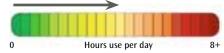


• Simple and easy to use.

- Brass cylinder head.
- Ergo accessory concept for optimal user comfort.
 Equipped with hose, lance and spray gun.
 Water break tank as optional.

For extra accessories, contact Nilfisk-ALTO





TECHNICAL DATA	MAXXI 4-73 S
Pump pressure (bar/MPa)	180/18
Cleaning impact (kg/force)	7.3
Water flow Qmax/QIEC (I/h)	1450/1350
Max. inlet temperature (°C)	50-60
Pump (RPM)	2800
Dimensions L x W x H (mm)	730 x 560 x 525
Weight (kg)	69
Power consumption (kW)	9.1
Voltage/phase/frequency/current (V/~/Hz/A)	400/3/50/15.9
El cable (m)	5
Nozzle size	2508
FEATURES	
Pistons/number of pistons	Ceramic/3
Automatic start/stop	•
STANDARD EQUIPMENT	
HP hose (10 m)	6101766 [DN10]
Ergo 3000 gun	106402190
Ergo coupling	101119496
Water inlet coupling*	301001297
FlexoPower Plus lance without HP nozzle	106402281
Tornado Plus nozzle	101119750
ITEM NO.	107361030



ALPHA BOOSTER 3





The ALPHA BOOSTER line offers a wide 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.

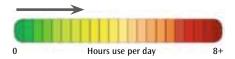


ALPHA BOOSTER 3 is a simple, basic without cabinet, but with lance, hose and gun. A stainless steel cabinet is available as an option.



- Single and three phase versions.
- Brass cylinder head.
- Ergo accessory concept for optimal user comfort.
- Equipped with hose, lance and spray gun.
 Stainless steel cabinet as optional.





TECHNICAL DATA	ALPHA BOOSTER 3-26	ALPHA BOOSTER 3-41
	ALFRA BOUSTER 3-20	ALF HA DUUSIEN 5-41
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	825/750
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 break tank	•	•
Stainless steel cabinet	0	0
STANDARD EQUIPMENT		
HP hose (10 m)	301002275 [DN6]	301002275 [DN6]
Ergo 2000 gun	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

O Optional feature

Stationary cold water

ALPHA BOOSTER 5



The ALPHA BOOSTER 5 range is a mid range machine 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 location.

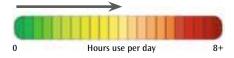


ALPHA BOOSTER 5 can be equipped with an external electronic control system that allows use of certain factory mounted options such as remote control or coin boxes, 2 x detergent.

ALPHA BOOSTER 5

- Single and three phase versions.
- Simple and easy to use.
- Brass cylinder head.
- Ergo accessory concept for optimal user comfort.Equipped with hose, lance and spray gun.





TECHNICAL DATA	ALPHA BOOSTER 5-49
Pump pressure (bar/MPa)	180/18
Cleaning impact (kg/force)	4.9
Water flow Qmax/QIEC (I/h)	970/900
Max. inlet temperature (°C)	50-60
Pump (RPM)	1450
Dimensions L x W x H (mm)	643 x 357 x 365
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	
Stainless steel cabinet	
Water break tank	
STANDARD EQUIPMENT	
HP hose (10m)	1405569 [DN8]
Ergo 2000 gun	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



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 enable quick cleaning of any area.



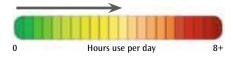
ALPHA BOOSTER 8 is a high flow version, delivered without cabinet, but with lance, hose and gun. A stainless steel cabinet is available as an option.





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





TECHNICAL DATA	ALPHA BOOSTER 8-103
Pump pressure (bar/MPa)	180/18
Cleaning impact (kg/force)	10.3
Water flow Qmax/QIEC (I/h)	2000/1950
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)	400/3/50/21
El cable (m)	5
Nozzle size	1100
FEATURES	
Pistons/number of pistons	Ceramic/3
Automatic start/stop	•
Water break tank	
STANDARD EQUIPMENT	
HP hose (10m)	6101766 [DN 10]
Ergo 3000 gun	106402190
Ergo coupling	101119496
Water inlet coupling*	1602945
FlexoPower Plus lance without HP nozzle	106402281
Tornado Plus nozzle	101119756
ITEM NO.	107361330

Stationary cold water

UNO BOOSTER



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

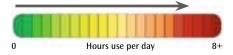


Easy to use, single start/stop button – just switch on and clean.



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





TECHNICAL DATA	UNO BOOSTER BASIC	UNO BOOSTER EXTENDED
Pump pressure (bar/MPa)	160/16	160/16
Cleaning impact (kg/force)	5.7	5.7
Water flow Qmax/QIEC (I/h)	1200/1120	1200/1120
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	400/3/50/12
El cable (m)	4	4
Nozzle size	0640	0640
FEATURES		
Pistons/number of pistons	Ceramic/4	Ceramic/4
Stainless steel cabinet	•	•
Water break tank	•	
Low pump oil safety	•	
Automatic start/stop	•	•
ITEM NO.	107340030	107340130

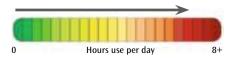


DUO BOOSTER



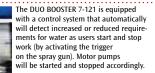
DUO BOOSTER

- Axial pump.
- 2-pump system for use by 1 or 2 people at the same time.
- Stainless steel design for added hygiene and protection against corrosion.High level of serviceability.
- Water inlet coupling, NITO internal thread,
- item no. 1602945. • Ergo outlet coupling, male, stainless steel,
- item no. 1603101. Heavy duty C3 pump for long working life.
 Water break tank complies to UK Water
- Regulations.



TECHNICAL DAT





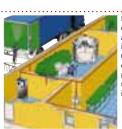


IECHNICAL DATA	DUO BOOSTER BASIC	DUO BOOSTER 7-121
Pump pressure (bar/MPa)	160/16	180/18
Cleaning impact (kg/force)	11.4	12.1
Water flow Qmax/QIEC (I/h)	2400/2240	2400/2240
Max. inlet temperature (°C)	70	70
Pump (RPM)	1450	1450
Number of pumps	2	2
Dimensions L x W x H (mm)	370 x 800 x 900	370 x 800 x 900
Weight (kg)	160	160
Power consumption (kW)	13.5	16.4
Voltage/phase/frequency/current (V/~/Hz/A)	400/3/50/24	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 break tank	•	
Low pump oil safety	•	•
Intelligent pump control system		
Automatic start/stop	•	•
ITEM NO.	107340230	107340430

Stationary cold water

DELTA BOOSTER





• 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 supply restricted to maximum of 70°C

• Stainless steel design with high level of accessibility

Machine continues to run whilst individual pumps can be removed for service.
Line pressures from 90 to 160 bar available.

DELTA BOOSTER • Axial pump.

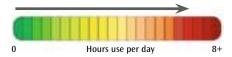
through pumps.

and serviceability.

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.





TECHNICAL DATA	DELTA BOOSTER 3P	DELTA BOOSTER 4P	DELTA BOOSTER 5P	DELTA BOOSTER 6P
Pump pressure (bar/MPa)	160/16	160/16	160/16	160/16
Cleaning impact (kg/force)	5.3-15.9	5.3-21.3	5.3-26.6	5.3-31.8
Water flow Qmax/QIEC (I/h)	3120/1040	4160/1040	5200/1040	6230/1040
Max. pump inlet temperature (°C) *	70	70	70	70
Pump (RPM)	1450	1450	1450	1450
Dimensions D x W x H (mm)	815 x 770 x 1800			
Weight (kg)	348	400	450	500
Power consumption (kW)	20.1	27	33.75	40.5
Voltage/phase/frequency/current (V/~/Hz/A)	400/3/50/35.2	400/3/50/47	400/3/50/58.7	400/3/50/70
FEATURES				
Pistons/number of pistons	Ceramic/4	Ceramic/4	Ceramic/4	Ceramic/4
Low pump oil safety	•	•	•	•
Automatic start/stop	•	•	•	•
Number of pumps	3	4	4	6
ITEM NO.	7330130	7330230	7330330	7330430

Stationary hot water

SOLAR BOOSTER DIESEL





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.



Nilfisk **ALTO** works for you

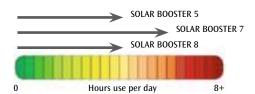
The EcoPower boiler automatically runs at its most economical level at temperature settings of around 60°C on the thermostat, providing an ideal combination of hot water and low costs. But even at higher temperature settings, the boiler offers efficient and low cost heating.



SOLAR BOOSTER DIESEL 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.
- MMO Multiple Machine Option OPTIONAL.





TECHNICAL DATA	SOLAR BOOSTER 5-45 D	SOLAR BOOSTER 5-52 D	SOLAR BOOSTER 7-58 D	SOLAR BOOSTER 8-103 D
Pump pressure (bar/MPa)	150/15	165/16.5	170/17	180/18
Cleaning impact (kg/force)	4.5	5.2	5.8	10.3
Water flow Qmax/QIEC (I/h)	1020/900	1100/1000	1200/1110	2000/1900
Max. inlet temperature (°C)	30	30	30	30
Heating power (kW)	80	80	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)	4.3	4.8	4.9	9.4
Dimensions L x W x H (mm)	700 x 900 x 940			
Weight (kg)	184	189	212	232
Power consumption (kW)	7.5	8.3	8.9	14.1
Voltage/phase/frequency/current (V/~/Hz/A)	400/3/50/14	400/3/50/15	400/3/50/15	400/3/50/24
El cable (m)	4	4	4	4
Nozzle size	0550	0600	0680	1100
FEATURES				
Pistons/number of pistons	Ceramic/3	Ceramic/3	Ceramic/4	Ceramic/4
Axial pump	•	•	•	
Automatic start/stop	•	•	•	•
ITEM NO.	107370050	107370055	107370070	107370080

Stationary hot water

SOLAR BOOSTER GAS





Gas powered stationary heating for maximum efficiency in automotive, industrial and shipping 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.



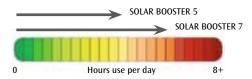
The SOLAR BOOSTER G is equipped with a one stage Bentone burner. Heating is performed after the pump under high pressure.

The SOLAR BOOSTER GH heats BEFORE the pump in a 125 I stainless steel tank. The gas burner is immersed in a tube inside the tank. Heating takes place by heat transfer from air to water.

SOLAR BOOSTER GAS

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





TECHNICAL DATA	SOLAR BOOSTER 5-45 G	SOLAR BOOSTER 7-58 G	SOLAR BOOSTER 7-52 GH
Pump pressure (bar/MPa)	150/15	170/17	150/15
Cleaning impact (kg/force)	4.5	5.8	5.2
Water flow Qmax/QIEC (I/h)	1000/900	1200/1110	1100/1030
Max. inlet temperature (°C)	30	30	85
Heating power (kW)	93	118	60
Pump (RPM)	1450	1450	1450
Water temperature, max. (°C)	99	99	85
Gas consumption ∆T (m³/h)	4.5	5.6	5.7
Dimensions L x W x H (mm)	700 x 900 x 1100	700 x 900 x 1100	700 x 900 x 1100
Weight (kg)	186	214	248
Power consumption (kW)	1.4+6.1	1.4+7.5	0.1+6.9
Voltage/phase/frequency/current (V/~/Hz/A)	400/3/50/14	400/3/50/15	400/3/50/12.8
El cable (m)	4	4	4
Nozzle size	0550	0680	0640
FEATURES			
Pistons/number of pistons	Ceramic/3	Ceramic/4	Ceramic/4
Axial pump	•	•	•
Automatic start/stop	•		
ITEM NO.	107370450	107370470	107370490



SOLAR BOOSTER **ELECTRIC**





Electrical powered stationary heating for maximum efficiency in the automotive, food, general industry and shipping sectors. Electrical heating is pollution free. Integrated PLC enables customising the machine with a range of factory mounted options.



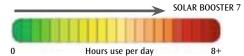
The SOLAR BOOSTER E line heats BEFORE the pump in the large 119 I heating tank and can be produced in several heating sizes from 18 kW to 54 kW depending on temperature requirements and available

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.



- · 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 tank.
- · Galvanized and powder coated cabinet and
- frame. MMO Multiple Machine Option OPTIONAL.





TECHNICAL DATA	SOLAR BOOSTER	SOLAR BOOSTER	SOLAR BOOSTER	SOLAR BOOSTER
	7-38 E18H	7-58 E18H	7-58 E36H	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 (I/h)	875/810	1200/1110	1200/1110	1200/1110
Max. inlet temperature (°C)	85	85	85	85
Heating power (kW)	18	18	36	54
Pump (RPM)	1450	1450	1450	1450
Water temperature, max. (°C)	85	85	85	85
Water temperature ΔT at full flow (°C)	19	14	28	42
Dimensions L x W x H (mm)	700 x 900 x 940			
Weight (kg)	150	155	156	157
Power consumption (kW)	5.8 + 18	7.5 + 18	7.5 + 36	7.5 + 54
Voltage/phase/frequency/current (V/~/Hz/A)	400/3/50/35.9	400/3/50/39.4	400/3/50/65.3	400/3/50/91.2
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

Stationary hot water self-service units

NEPTUNE SB



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

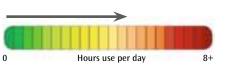


The NEPTUNE SB is the ideal mobile efficiency, service ability and low running costs. The NEPTUNE SB is the simplest of the self-service solutions. It offers the choice of high pressure or 1 cleaning agent. The control panel can be unlocked to give access to authorised staff.



- EcoPower boiler with > 92% efficiency.
- · Flow activated control systems.
- 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, suitable for use with €1 coins only.



TECHNICAL DATA	NEPTUNE SB
Pump pressure (bar/MPa)	80/8
Cleaning impact (kg/force)	2.7
Water flow Qmax/QIEC (I/h)	860/800
Max. inlet temperature (°C)	30
Pump (RPM)	1450
Water temperature (water/steam) (°C)	80/-
Fuel consumption, ΔT =45°C (kg/h)	3.7
Fuel tank (I)	35
Dimensions L x W x H (mm)	1190 x 702 x 1287
Weight (kg)	195
Power consumption (kW)	5.6
Voltage/phase/frequency/current (V/~/Hz/A)	400/3/50/10
El cable (m)	5
Nozzle size	0500
FEATURES	
Pistons/number of pistons	Ceramic/3
Detergent injector system	
Automatic start/stop	
STANDARD EQUIPMENT	
HP hose (DN10, 10m)	6101766
Ergo 2000 gun	106403122
Ergo coupling	101119496
Water inlet coupling*	61369
Tornado Plus lance without HP nozzle	106403010
Tornado Plus nozzle	101119741
ITEM NO.	107146652



TRUCK BOOSTER



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



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

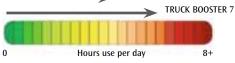


• Brass cylinder head.

- Stainless steel robust design against corrosion.
- EcoPower boiler for reduced fuel consumption costs.
 SilentPower, low noise level with1450 RPM motor pump units.
 Simple control panel with only 4 buttons.
- Internal frost protection down to minus 20°C.
- · Various options available including remote control, hose reels, water softener, pre-programmed cycle/operation, spring loaded twin or single booms, closed circuit frost protection for hose and gun. • Compact design with small footprint. • Electronic oil messurement.

- Ergo accessory concept for optimal user comfort.

TRUCK BOOSTER 5



TECHNICAL DATA	TRUCK BOOSTER 5-30D 240 V	TRUCK BOOSTER 5-49 D	TRUCK BOOSTER 7-63 D
Pump pressure (bar/MPa)	85/8.5	180/18	175/17.5
Cleaning impact (kg/force)	3.0	4.9	6.3
Water flow Qmax/QIEC (I/h)	850/800	970/930	1260/1170
Max. inlet temperature (°C)	30	30	30
Pump (RPM)	1450	1450	1450
Water temperature (water/steam) (°C)	90/150	90/150	90/150
Fuel consumption, $\Delta T=45^{\circ}C$ (kg/h)		4.3	5.6
Fuel tank (I)	33	33	33
Detergent tank (I)	2 x 25	2 x 25	2 x 25
Dimensions L x W x H (mm)	1025 x 715 x 1670	1025 x 715 x 1670	1025 x 715 x 1670
Weight (kg)	227	227	262
Power consumption (kW)	7.2	7.2	8.2
Voltage/phase/frequency/current (V/~/Hz/A)	230/1/50/16	400/3/50/14	400/3/50/16
Nozzle size	0700	0550	0680
FEATURES			
Pistons/number of pistons	Ceramic/3	Ceramic/3	Ceramic/4
Low pump oil safety	•	•	•
Automatic start/stop	•	•	•
STANDARD EQUIPMENT			
HP hose (DN10, 10m)	6101766	6101766	6101766
Ergo 2000 gun	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	101119748	101119743	101119747
ITEM NO.	107370840	107370830	107370810

Stationary hot water self-service units

AUTO BOOSTER





Stainless steel robust design against corrosion.
EcoPower boiler for reduced fuel consumption costs.
SilentPower. Low noise level with 1450 RPM motor pump units.
Electrically heated version.
Up to 5 cleaning programs available.

• Internal frost protection down to minus 20°C.

Spring assisted boom for ease of use.
3 m clearance height
Can be produced in oil company colours.
Self-service.
Water softener available as option.
Compact design with small footprint.

Closed circuit frost protection for hose and gun (some models).
Electronic coiner pre-programmed and with teach mode.

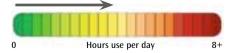
AUTO BOOSTER

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



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





TECHNICAL DATA	AUTO BOOSTER 5-20 D	AUTO BOOSTER 5-20 E12	AUTO BOOSTER 5-22 E9
Pump pressure (bar/MPa)	100/10	100/10	90/9
Cleaning impact (kg/force)	2	2	2.2
Water flow Qmax/QIEC (I/h)	500/500	500/500	620/660
Max. inlet temperature (°C)	30	30	30
Pump (RPM)	1450	1450	1450
Water temperature (water/steam) (°C)	60/-	60/-	20-60
Fuel consumption, $\Delta T=45^{\circ}C$ (kg/h)	2.7		
Fuel tank (I)	33		
Detergent tank (I)	3 x 25	3 x 25	3 x 25
Dimensions L x W x H (mm)	1025 x 715 x 1670	1025 x 715 x 1550	1025 x 715 x 1550
Weight (kg)	252	188	230
Power consumption (kW)	4.5	16.5	3
Voltage/phase/frequency/current (V/~/Hz/A)	400/3/50/10.8	400/3/50/28	230/1/50/40
Nozzle size	0370	0370	0500
FEATURES			
Pistons/number of pistons	Ceramic/3	Ceramic/3	Ceramic/3
Diesel version	•		
Electrical version		•	•
Low pump oil safety	•	•	•
Automatic start/stop	•	•	•
STANDARD EQUIPMENT			
Winter gun, - 25 bar	106402243	106402243	106402243
Water inlet coupling*	61369	61369	61369
Universal Plus lance without HP nozzle	106403037	106403037	106403037
Tornado Plus nozzle	101119737	101119737	101119741
ITEM NO.	107370850	107370860	107370870

*Special build only

Automatic cleaning robot

MULTICLEANER 7-53



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 movement and optional kits allow the use of detergent and desinfection, or detect objects in the washing area. The robot is easily transported from one facility to another.

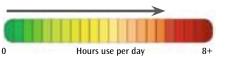




The vertical cleaning arm (tower arm) is mounted on a rotary flange on the chassis and can turn 90° to each side. The horizontal arm is fixed with a swivel joint. As there is no pressure while the tower is turning, the swivel is under no stress. Both arms can be locked in fixed positions, the tower arm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



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



TECHNICAL DATA	MULTICLEANER 7-53
Pump pressure (bar/MPa)	195/19.5
Cleaning impact (kg/force)	5.3
Water flow Qmax/QIEC (I/h)	1070/1000
Pump (RPM)	1450
Max. water temperature (°C)	80
Effective cleaning depth (mm)	4800
Arm reach, min./max. (mm)	1000/2000
Dimensions L x W x H (mm)	1500 x 615 x 1000
Weight (kg)	285
Power consumption (kW)	6.8
Inspection walk, minimum width (mm)	700
Noise level LpA/LwA (dB(A))	83/96
Voltage/phase/frequency/current (V/~/Hz/A)	400/3/50/16
Cable length on drum (m)	35
Nozzle size	Long distance nozzle 1.5
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.	107341000

Heavy-duty high pressure water blasters





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



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

MERLION 350/500

- 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.
- Automatic start/stop with timer.
- Inlet filtration system.
 Triplex pump with ceramic plungers.
 Powerful 20 Hp Motor.



TECHNICAL DATA	MERLION 350	MERLION 500
Pump pressure (bar/MPa)	350/35	500/50
Cleaning impact (kg/force)	9.5	16.3
Water flow (I/h)	1260	960
Pump (RPM)	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
STANDARD EQUIPMENT		
HP hose	15 m (size 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



MERMAID







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



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





MERMAID 500

- Solid, galvanized and powder-coated frame.
 Non-corrosive material used in pumps and fittings.
- Unique pump design with 5 ceramic plungers.
- Stainless steel pump-head.
- Built-in stainless unloader/safety valve.
- Start-up accumulator.
- Easy access to pump for service and maintenance.
 Powerful 40 Hp Motor.
 Low water level cut-off switch.

- 80 L water break tank with filter and inlet float valve.
- Built-in trigger gun holder and cable holder.
- · Pneumatic wheels.

MERMAID 800

- Solid, galvanized and powder-coated frame.
 Triplex pump with solid ceramic plungers.
- Drip return ensuring long seal life and drip free operation. .
- Identical suction and discharge valves, easily replaceable. · Duplex-steel valves, with stainless steel valve casing.
- Stainless steel pump-head.
- Built-in safety valve.
- Built-in booster pump.
- Easy access to pump for service and maintenance. Non-corrosive material used in pumps and fittings.
- •
- · Powerful 40 Hp Motor.
- · Low water level cut-off switch.
- 25 micron filtration system.
 80 L water break tank with filter and inlet float valve. Built-in trigger gun holder and cable holder.
 Pneumatic wheels.

TECHNICAL DATA	MERMAID 500	MERMAID 800
Pump pressure (bar/MPa)	500/50	800/80
Cleaning impact (kg/force)	16.3	13.7
Water flow (l/h)	1800	1200
Pump (RPM)	1450/1725	1000
Max. water temperature (°C)	60	60
Power consumption (kW)	40/30	40/30
Voltage/phase/frequency/current (V/~/Hz/A)	380-415/3/50/56 or 380-415/3/60/56	380-415/3/50/56 or 440/3/60/56
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
STANDARD EQUIPMENT		
HP hose	20 m (size ½")	20 m (size 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	700995164
ITEM NO. 60 HZ	700995163	700995165



Kit (male, female, bend restrictor)	000000000000000000000000000000000000000	000000000000	000000	0000000	000000	000000000	101119496
Kit (male, female)	000000000000000000000000000000000000000				*****		101119499
Packing ring 3/8"	000000000000000000000000000000000000000				*****		1801075
Male 1/4" KEW nipple	000000000000000000000000000000000000000	00000000000	000000	0000000	000000	000000000	1609325
Coupling for connection off		••••••••••	•••••	•••••	•••••		•••••••••••••••••••••••••••••••••••••••
2 HP hoses, with coupling + nippels 3/8"	OC	0			00		4809131
Adapters for hose to machine:				•••••			
Used for external injectors,							
high pressure hoses and hose reels							
KEW quick coupling male 3/8" -							66159
M27 x 1.5 external thread.							
Wap outlet to KEW hose							
KEW quick coupling female 3/8" -							66160
M27 x 1.5 internal thread.							
KEW outlet to Wap hose							
3 Adapter M21 external x 3/8" external							64540
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
external thread							
6 Wap gun to Ergo accessory -							
coupling female - M21 x 1.5							66162
internal thread							
6 M22 x 1,5 gun outlet to Ergo							
accessory							301000645
GEKA coupling - hose end							
3/4"	000000000000000000000000000000000000000	00000000000000	000000	0000000	000000	000000000	1311
2 NITO coupling - hose end							
3/4"	000000000000000000000000000000000000000		·····				1600659
1/2"	000000000000000000000000000000000000000	000000000000000	000000	0000000	000000	000000000	1604669
3 GARDENA coupling - hose end							
3/4"	000000000000000000000000000000000000000	000000000000000	000000	0000000	000000	000000000	1608629

-58 E36H/7-58 E54H

Item No.

106402075

1600493

1603101

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3-26 3-41 5-49 8-103 8-103 8-103 8-103 8-103 8-758 7-758 8-758 7-758 8-758 7-758 8-758 7-758 8-758 7-758 8-758 7-758 8-758 7-758 8-758 7-758 8-758 7-758 8-758 7-758 8-758 7-758 8-758 7-758 8-758 7-758 8-758 7-758 8-758 7-758 8-758 7-758 8-758 7-758 8-758 7-758 8-7588 8-75888 8-7588 8-75880

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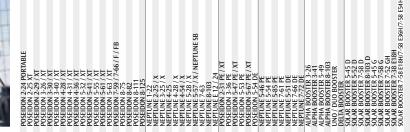
	Couplings & Adapters	POSEIDON 224 PORTABLE POSEIDON 225 XT POSEIDON 225 XT POSEIDON 225 XT POSEIDON 225 XT POSEIDON 236 XT POSEIDON 236 XT POSEIDON 236 XT POSEIDON 431 XT POSEIDON 431 XT POSEIDON 431 XT POSEIDON 431 XT POSEIDON 431 XT POSEIDON 555 XT POSEIDON 555 XT POSEIDON 555 XT POSEIDON 555 XT POSEIDON 555 XT POSEIDON 555 XT POSEIDON 877 POSEIDON 871 POSEIDON 871 POSEIDON 871	NETINE 252/X NETINE 252/X NETINE 252/X NETINE 423/X NETINE 423/X NETINE 533/X NETINE 533/X NETINE 533/X NETINE 533/X NETINE 533/X NETINE 533/X	NETLINE E 12/24 NETLINE E 12/24 POSEDON 3-36 FE/XF POSEDON 5-36 FE/XF POSEDON 5-37 FE/XF POSEDON 5-57 PE/XF POSEDON 5-57 PE/XF NETLINE 5-46 FE NETLINE 5-46 FE NETLINE 5-46 FE NETLINE 5-46 FE NETLINE 5-56 PE	ALPIUNE - 7.2, UE ALPHA BOOSTER 3-47 ALPHA BOOSTER 3-47 ALPHA BOOSTER 3-49 ALPHA BOOSTER 3-49 ALPHA BOOSTER 3-49 ALPHA BOOSTER 2-49 DELTA BOOSTER DELTA BOOSTER	50.48 BOOSTER 5-32 D 50.48 BOOSTER 5-32 D 50.48 BOOSTER 7-32 D 50.48 BOOSTER 7-38 D 50.48 BOOSTER 7-36 E 50.48 BOOSTER 7-36 E 50.48 BOOSTER 7-36 E BH/7-39 EBH/7-39 E3HH 50.48 BOOSTER 7-36 E BH/7-39 E3HH	ltem No.
6	GEKA coupling, int. thread	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	00000	000000000	1718
-							
ە 🎻	NITO coupling, int. thread 3/4"	0 0000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000		000000000	1602945
9	GARDENA coupling, int. thread 2/4"					0000000	22541
	3/4"	•••••			500000	000000000	32541
000 0	Universal brass coupling internal thread 3/4"	00000000	000000	••••••	00000		61369
	Special water supply hose, black/yellow stripe	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000	00000000	6465
	by metre Oil resistant, abrasion-resistant, 3/4"						
	For MULTICLEANER						
	Water inlet hose 3/4", rubber, red	000000000000000000000000000000000000000	000000000000000000000000000000000000000		000000	00000000	107307064
1-1	Hoses High pressure hose		•••••	•••••••			
	for 3/8" Ergo couplings. DN6						
	10 m Single wire (3/8" x 3/8")	•••••	••••	00	••0		301002275*
	15 m Single wire 15 m Single wire (1 x 3/8" 1 x Quick)	•••••	•••				101117763* 6528613*
	High pressure hose, Ø 5/16"		•••••	•••••••••••••••••••••••••••••••••••••••	•••••		
	for 3/8" Ergo couplings. DN8						
	10 m Single wire	•00000000000000000000000000000000000000					1405569*
	20 m Single wire 10 m Double wire	00000000000000000000000000000000000000		 000000000000000000000000000000000000			1405666 101405770*
	15 m Double wire	000000000000000000000000000000000000000					301001100*
	20 m Double wire	000000000000000000000000000000000000000		000000000000000000000000000000000000000			301001101*



Double wire hose, Ø 3/8"		
for 3/8" Ergo couplings. DN10		
1 m	000000000000000000000000000000000000000	1402916
2 m	000000000000000000000000000000000000000	1402924
3 m	000000000000000000000000000000000000000	1402932
5 m	000000000000000000000000000000000000000	1402940
10 m	00000000000000000000000000000000000000	6101766*
15 m	000000000000000000000000000000000000000	1402064*
20 m	000000000000000000000000000000000000000	1402072*
25 m	000000000000000000000000000000000000000	1402080
30 m	000000000000000000000000000000000000000	1402098
50 m	000000000000000000000000000000000000000	1402759

Supplementary accessories adapters <u>not required</u>
 Standard equipment or recommended equipment





Item No. Hoses Double wire hose. Ø 1/2". or 3/8" Ergo couplings. DN12 4810212 m 10 m 4810219 15 m 4810213 20 m 4810214 50 m 4810211 Non blacking hose Ø 3/8", for 3/8" Ergo couplings Ideal for food industry. DN10 10 m 6101767 15 m 0000000000000000 1401983 20 m 1401991 25 m 1402007 30 m 1402015 Trigger gun Ergo 2000 gun, Max 20 l/min Ergo 2000 Standard •••••••• 106403122 00000 00000 Ergo 2000 VarioPress 106403123 200 Ergo 2000 Spare Part Kit 000000000 000 00000 00000 301000305 3 x Valve seat, O-Ring, Ball Ergo 3000 gun, Max 40 l/min. Ergo 3000, swivel lock 106402190 • Ergo 3000 VarioPress, swivel lock 106402191 Side bar SoftGrip-flexible solution 106402110 Adaptable to left or right handed use, long or short reaches Fits to all Plus lances Lances Tornado Plus lance (without HP nozzle) Double lance with separate high and low pressure nozzles. Easy pressure adjustment and optimal low pressure spray pattern

for flushing.		
Length = 208	000000000000000000000000000000000000000	106403012
Length = 112		106403010
Length = 100	000000000000000000000000000000000000000	106403011
Length = 63	000000000000000000000000000000000000000	106403013





-58 E36H/7-58 E54H X / NEPTUNE SB / F / FB PORTABI 노노 /XT ******* 1103 1103 1103 545 1 552 1 7-58 1 3-103 DE/BE/ 2999 22 222222222 FFFFFF LEFE UUNO SSOLAIS OSE

Item No. Lances PowerSpeed Vario Plus lance, 109 cm High impact rotary jet with pressure regulation for tough jobs, adjustable Spray angle 0°- 20°, max. temp. 60°C 0340 - Violet 106403090 0370 - Bronze 0 106403091 0450 - Light Blue 0 0 000 00 0 106403092 0500 - Yellow oc 106403093 0530 - Red 106403094 0 0640 - Green 106403095 0680 - Grey 106403096 0700 - Red Orange 106403097 0750 - Skin Red 106403098 0950 - Dark Rose 0 106403110 1200 - Caramel Brown 0 0 106403111 1590 - Grey Blue 106403112 PowerSpeed Vario Plus lance, 77 cm for work on scaffold and narrow areas 0340 - Violet 106403020 0370 - Bronze 106403021 0 0450 - Light Blue 0 0 000 106403022 0500 - Yellow 00 106403023 0530 - Red 0 0 00 106403024 0640 - Green 0 106403025 0680 - Grey 106403026 0750 - Skin Red 106403027 FlexoPower Plus lance without HP nozzle. Single lance with the possibility to switch between high-low pressure at the nozzle head. Length = 112 000000000 106402280 20000 Length = 101 ●●●●●**○**○○○○○○○ 000000000 106402281 106402282 Length = 96 000000000000 000000000 New: Low spray pattern Universal Plus lance (without HP nozzle) Ideal for hot water machines with high pressure detergent function Bent - Length = 123 106403034 000000000 Bent - Length = 108 000000000 106403035 Bent - Length = 94 106403036 Straight - Length = 206 106403030 000000000 Straight - Length = 156 000000000 106403031 Straight - Length = 108 106403033 000000000 Straight - Length = 65 00000 000000000 106403032

Supplementary accessories adapters <u>not required</u>

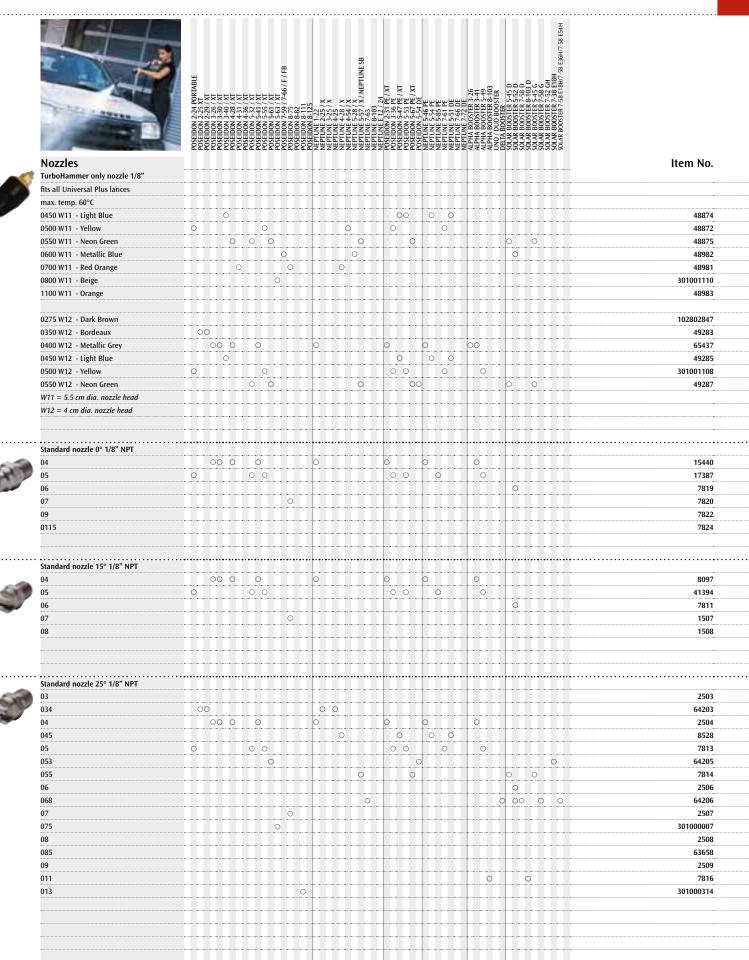
• Standard equipment or recommended equipment

	055100N 224 00R1ABLE 055100N 225 AT 055100N 225 AT 055100N 225 AT 055100N 226 AT 055100N 226 AT 055100N 228 AT 055100N 253 AT 055100N 254 AT 05510N 25510N 254 AT 05510N 25510N 254 AT 05510N 25510N 25510N 25510N 25510N 25510N 2550N 25510N 2550N 25510N 2550N 25510N 2550N 2550N 2550N 2550N 2550N	NEXTEND 8. 225 NETUNE 2.25 / X NETUNE 2.25 / X NETUNE 2.25 / X NETUNE 2.25 / X NETUNE 4.28 / X NETUNE 4.28 / X NETUNE 5.28 / X NETUNE 5.28 / X NETUNE 5.28 / 3 NETUNE 5.38 / 3	NOSEDON 3-21 FLC / XI NOSEDON 3-24 FL / XI NOSEDON 5-24 FL / XI NOSEDON 5-24 FL / XI NOSEDON 5-24 FL / XI NOSEDON 5-24 FL NOSEDON 5-24 FL NOSE	NEFTURE 720 bE NEFTURE 720 bE APHA BOOSTER 3-26 APHA BOOSTER 5-49 APHA BOOSTER 5-49 UNO / DUO BOOSTER 8-103 UNO / DUO BOOSTER 8-103 COV AD BOOSTER 8-103 COV	SOLAR BOOTER 5-22 D SOLAR BOOTER 7-28 D SOLAR BOOTER 7-98 D SOLAR BOOTER 7-98 D SOLAR BOOTER 7-58 F18H/7-5 SOLAR BOOTER 7-58 F18H/7-5	
Lances TurboHammer Plus lance* Rotary jet increases cleaning effect, max. temp. 60°C (incl. nozzle) L = 95 - 0275 W12 - Dark Brown L = 95 - 0350 W12 - Bordeaux	••					Item No. 106403000 106403077
L = 113 - 0450 W11 - Light Blue L = 113 - 0500 W11 - Yellow L = 113 - 0550 W11 - Neon Green L = 113 - 0600 W11 - Metallic Blue L = 113 - 0700 W11 - Red Orange L = 113 - 0800 W11 - Beige	• • • • • 00	0 0 0 0	•0	0		106402290 106402291 106402292 106402293 106402293 106402294 106402295
L = 113 - 0350 W12 - Bordeaux L = 113 - 0400 W12 - Metallic Grey L = 113 - 0500 W12 - Yellow	00 •••••• 0	0 0	•	00		106403001 106403002 106403003
W11 = 5.5 cm dia. nozzle head W12 = 4 cm dia. nozzle head *Standard on cold water XT models						
Short spray lances (without 1/8 " NPT-HP nozzle) For cleaning of motors and hard to reach areas						
Short simple lance, 100 mm High pressure only, without nozzle	000000000000000000000000000000000000000	2000000000000	000000000000000000000000000000000000000	>00000000	00000000	106402151
FlexoPower lance, 100 mm Pressure regulation at the nozzle head, without nozzle	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000	>00000000	00000000	106402152
Double short lance, 100 mm Adjustable pressure, without HP nozzle	000000000000000000000000000000000000000	000000000000000	000000000000000000000000000000000000000	>00000000	00000000	106402150
Long reach lance, 1500 mm Projects a concentrated waterstream up to 6-7 m, incl. 0640 nozzle	00 00	0000	0 000 00 0		000 00000	6401193
0640 nozzle for long reach lance	00 00	0000	0 000 00 0		00000	2802696
Curved lance, 1090 mm For vehicle underchassis, with 8010 nozzle	000000000000000000000000000000000000000	000000000 0	000000000000000000000000000000000000000		00000000	6402016

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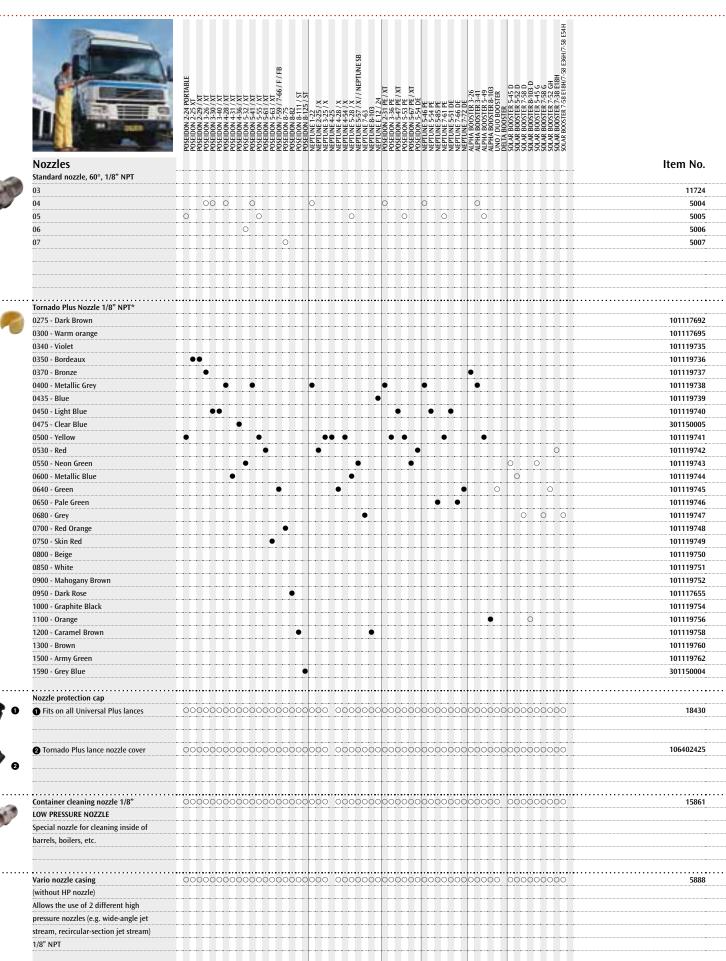
[•] Standard equipment or recommended equipment





• Supplementary accessories adapters <u>not required</u>

• Standard equipment or recommended equipment

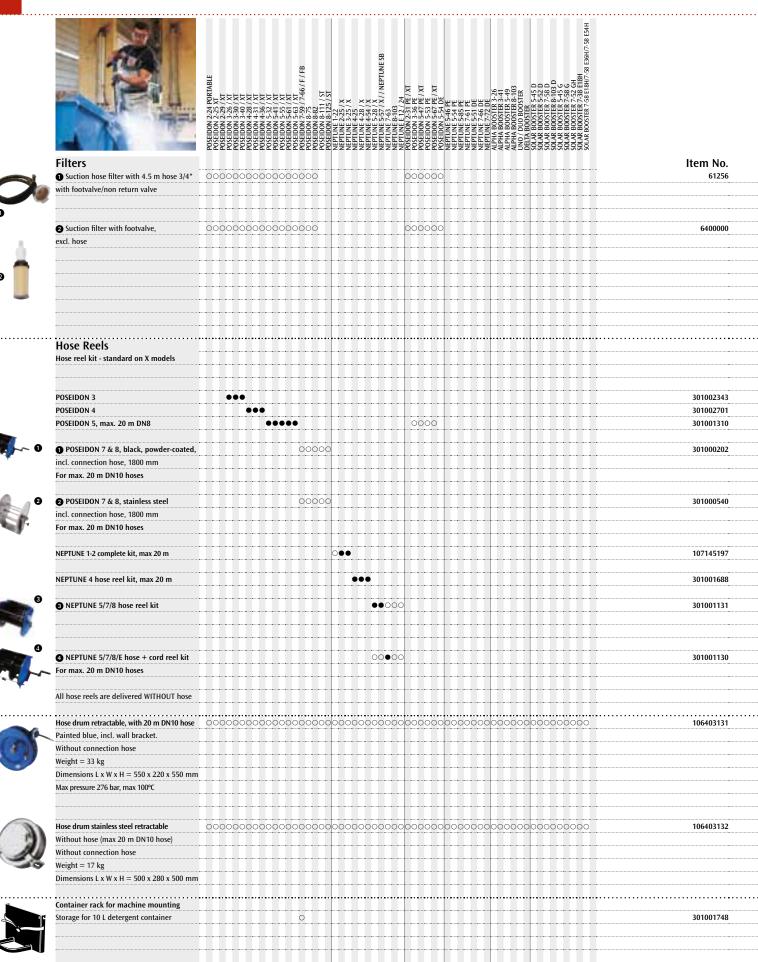




		POSEDON 224 PORTABLE POSEDON 225 XT POSEDON 225 XT POSEDON 225 XT POSEDON 225 XT POSEDON 225 XT POSEDON 235 XT POSEDON 423 XT POSEDON	NETUNE 1.2.5/X NETUNE 2.25/X NETUNE 2.25/X NETUNE 3.25/X NETUNE 4.28/X NETUNE 5.28/X NETUNE 5.28/X N	POSEIDON 2-31 FF / XT POSEIDON 2-31 FF / XT POSEIDON 3-37 FF / XT POSEIDON 5-53 FF POSEIDON 5-54 FF / XT POSEIDON 5-54 FF / XT	PTUNE 5-46 PTUNE 5-54 PTUNE 5-54 PTUNE 7-61 PTUNE 7-61 PTUNE 7-61 PTUNE 7-72 PTUNE 7-72	2014 800518 5-42 0 5014 800518 5-52 0 5014 800518 5-52 0 5014 800518 5-52 0 5014 800518 5-54 6 5014 800518 5-45 6 5014 800518 7-55 7 5014 800518 7 5014 800518 7-55 7 5014 800518 7-55 7 5014	
	Nozzles Steam jet nozzle 50° 1/8" For hot water high pressure washers 1.3 1.5 1.9	00	00 0 0				Item No. 54978 6692 14801
	FlexoPower jet nozzle (without HP nozzle) Fits al Universal Plus lances			•••••			1001
	FlexoPower jet nozzle with reduction 1/8" outside thread	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000	000000000000000000000000000000000000000	000000000	106403064
	FlexoPower jet nozzle with 1/4" inside thread	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000	000000000000000000000000000000000000000	000000000	107144095
1 De	Super Clean nozzle 1/8" Spraying shapes from pencil to wide-angle jet stream, sucks up cleaning agent using low pressure, including high pressure nozzle 0405	00 0 00	0		0 0		49412
	0500	<u> </u>	0	0 0	0 0		49412 56829
	Filters ① Sand filter, 50 Micron GEKA Sand filter, 50 Micron NITO - with bracket Replacement filter cartridge 50 micron		00000000				106402200 106402202 101609363
	② Sand filter NEPTUNE 1 & 2 - 22 micron		000				107145337
3	③ Sand filter, 50 Micron GEKA (POSEIDON 5) Sand filter, 50 Micron NITO (POSEIDON 5) NITO, incl. hose and brackets	00000 00000 0					106402201 106402203 6401327
	④ Universal filter 3/4", 50 μ, max. 12 bar	000000	000000000000000000000000000000000000000	000000	0000000000		301000173
<u> </u>	③ Universal, without brackets Replacement filter cartridge for 50 μ		000000000 C		000 0		1604461 1104041
	Sand filter For machines with float chamber Filter 1½" - 4-6 pumps					>	6403436
	Filter cartridge 1½"						4602439
-							

Q

Supplementary accessories adapters <u>not required</u>
Standard equipment or recommended equipment



• Supplementary accessories adapters not required

Standard equipment or recommended equipment



Item No.

6400170

58 E36H/7-58 E54F

3-26 3-41 5-49 8-103 8-103 5-45 [7-58 [7-58 [7-58 [7-58 [7-58 [

> DELT DELT SOLA SOLA SOLA

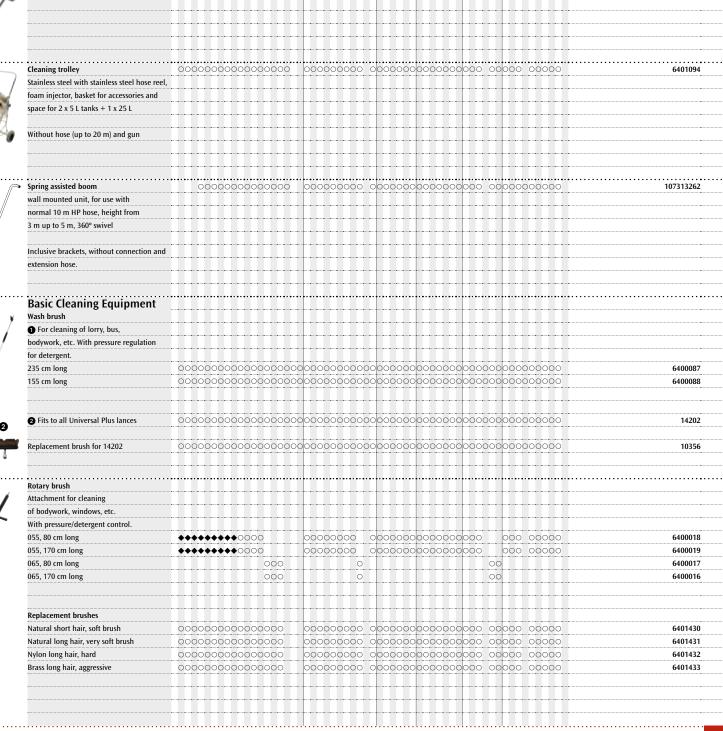


1 Up to 50 m, 3/8", DN10 with 3/8"

coupling and gun N.B: Without hose!

Quick coupling, without connection hose,





X // NEPTUNE SB

12228282

24 PE/XT PE/XT PE/XT PE/XT DE

/ F / FB

ST

Supplementary accessories adapters <u>not required</u>
 Standard equipment or recommended equipment

	POSEIDON 2-24 POSEIDON 2-25 POSEIDON 2-25	POSEIDON 3-26 / XT POSEIDON 3-30 / XT POSEIDON 3-40 / XT POSEIDON 4-31 / XT POSEIDON 4-31 / XT POSEIDON 4-36 / XT	POSEIDON 5-32 / XT POSEIDON 5-55 / XT POSEIDON 5-55 / XT POSEIDON 5-61 / XT POSEIDON 5-63 / XT POSEIDON 7-59 / 7-66 / F / FB POSEIDON 8-75 POSEIDON 8-75	POSEIDON 8-111/ST POSEIDON 8-111/ST POSEIDON 8-125/ST NEPTUNE 1-22 NEPTUNE 2-25/X NEPTUNE 3-25/X	NEPTUNE 4-25 NEPTUNE 4-23 / X NEPTUNE 4-34 / X NEPTUNE 5-23 / X / / NEPTUNE 58 NEPTUNE 5-57 / X / / NEPTUNE 58 NEPTUNE 8-103 NEPTUNE 8-103	POSEIDON 2-51 PC 24 POSEIDON 2-31 PE / XT POSEIDON 3-36 PE / XT POSEIDON 5-47 PE / XT POSEIDON 5-54 DE POSEIDON 5-54 DE	NEPTUNE 5-46 PE NEPTUNE 5-54 PE NEPTUNE 5-53 PE NEPTUNE 5-51 PE NEPTUNE 5-51 DE NEPTUNE 5-51 DE NEPTUNE 7-66 DE	NEPTONE 7-72 DE ALPHA BOOSTER 3-26 ALPHA BOOSTER 3-41 ALPHA BOOSTER 5-49 ALPHA BOOSTER 5-49 ALPHA BOOSTER 8-103	UNO / DUO BOOSTER DELTA BOOSTER SOLAR BOOSTER 5-45 D SOLAR BOOSTER 5-52 D SOLAR BOOSTER 5-52 D SOLAR BOOSTER 7-58 D	SOLAR BOOSTER 8-103 D SOLAR BOOSTER 5-45 G SOLAR BOOSTER 7-58 G SOLAR BOOSTER 7-52 GH SOLAR BOOSTER 7-58 F18H755 SOLAR BOOSTER 7-58 F18H755	
Basic Cleaning Equipme	nt										ltem No.
Wheel kit, complete for PE/DE							• 0				106268075
Wheel kit, complete for PE/DE							0 00				106239901
Under carriage washer With nozzle 40065			00000		0000	0 00	00 00) 0	00000	00000	6400036
Swivel wheels allow you to clean und large vehicles with ease	ler										
PowerScrub ① P300 (max 80°C) Ø300 mm			00000		000	0 000	00 00		00000	00000	106411310
Hand held for tables, walls etc. ② P400 (max 80°C) Ø400 mm	0	0			000	0 000	00 00			00000	106411311
 ③ S500 (with longlife bearing) Ø500 Incl. 2 x 03, 2 x 04 and 2 x 0275 Tornado Plu 	mm O	0			000	0 000			*****	00000	106411313
Wheel kit for P 300/P400/S500	0	0	00000		000	0 000	00 00	0 0	00000	00000	106411314
Rotating nozzle bar for fast, effective cleaning of flat surfaces.											
Soft Blasting Softblasting lance For removal of graffiti or rust from glass, metal and concrete											
05 nozzle 06 nozzle	0	0 0	00		000	000 0	0 0	0	00000	000	6401233 6401234
2 Armex [™] Powder (blasting agent) For softblasting kit, 25 kg		0 0	00 00		00000	00000	00000		00000	0 000	5218617
Pickup and hose	0	0 0			00000		00000			0 000	6400375
To have a complete kit, you must have ● + ● + ●	?										

Supplementary accessories adapters <u>not required</u>
Standard equipment or recommended equipment



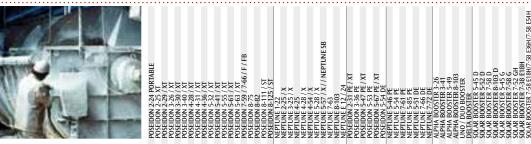


POSEDON 2-24 PORTABLE POSEDON 2-25 AT POSEDON 2-25 AT POSEDON 2-25 AT POSEDON 2-25 AT POSEDON 2-26 AT POSEDON 2-27 AT POSEDON 2-26 AT POSEDON 2-26 AT POSEDON 2-26 AT POSEDON 2-26 AT POSEDON 2-27 AT POSEDON

A REAL PROPERTY AND ADDRESS OF AD	**************		
Soft & Sand Blasting			Item No.
OSB Water - Sand blasting lance, with			
nozzle. For wet abrasive removal of paint			
rom wood, concrete, rust from metal, etc.			
Lance with round nozzle boroncarbide, 05	0 00	0 0 0 0 0 0 0	6401362
ance with flat nozzle boroncarbide, 06	0		6400382
Lance with rubber flat nozzle, 045	0000 000		6401192
Lance with rbber flat nozzle, 05	0 00		6401364
Lance with rubber flat nozzle, 05	0 00		6401365
			0401305
Replacement nozzle			
Boroncarbide flat			6400379
Rubber flat 10 pc			6402317
Complete – simple sand blasting unit	00 0	0000	301112493
ncluding 4 m pick up hose and ¼" KEW nipple			
Super Blast	0 0000 00000 0		
Sand blasting agent) - Black iron -			
aluminium - silicate glass with grain			
size 02-08 mm.			
Net-blasting abrasive, 25 kg			
6 Sand plunger and hose	0 0000 00000 0		6400375
ncl. 10 m hose			
To have a complete kit, you must have			
4 + 5 + 6			

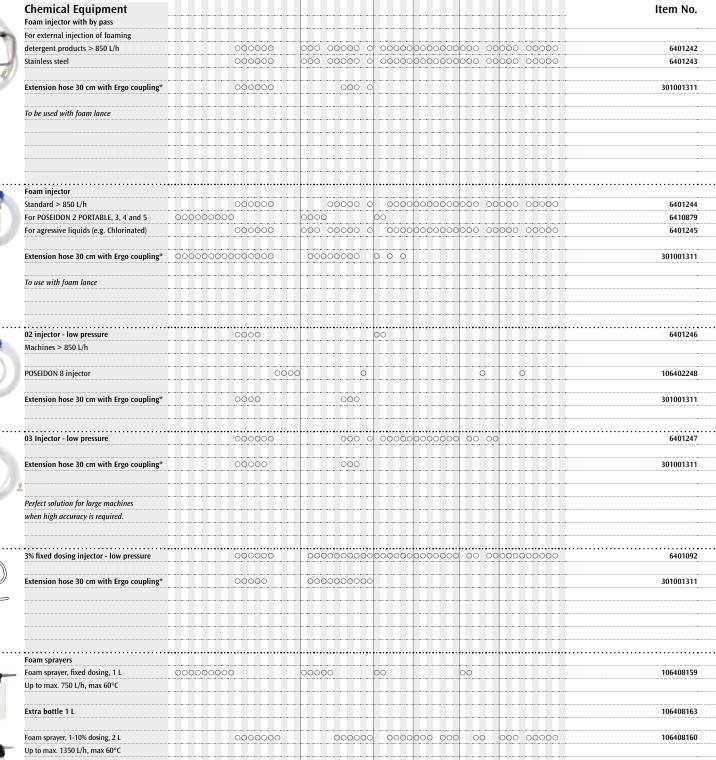
Chemical Equipment	•••••••••••••••••••••••••••••••••••••••		· · · · · · · · · · · · · · · · · · ·
Foam lance - used together with			
Foam injector std/w. by-pass			
For cleaning surfaces and equipment			
vith foam-based products in			
agriculture and food industry			
60 cm length (water flow 10-25 l/min)	00000000000000		6404368
120 cm length (water flow 10-25 l/min)	000000000000000000000000000000000000000	000000000 00000000000000000000000000000	6404369
For proper results, you also need a			
foam injector and Nilfisk-ALTO			
oaming detergent.			

• Standard equipment or recommended equipment



-58 E36H/7-58 E54H





Extra bottle 2 L

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106408164



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0 0 Item No.

6401265

6401266



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Special Accessories

05 Nozzle 10 m length DN10

05 Nozzle 20 m length DN10

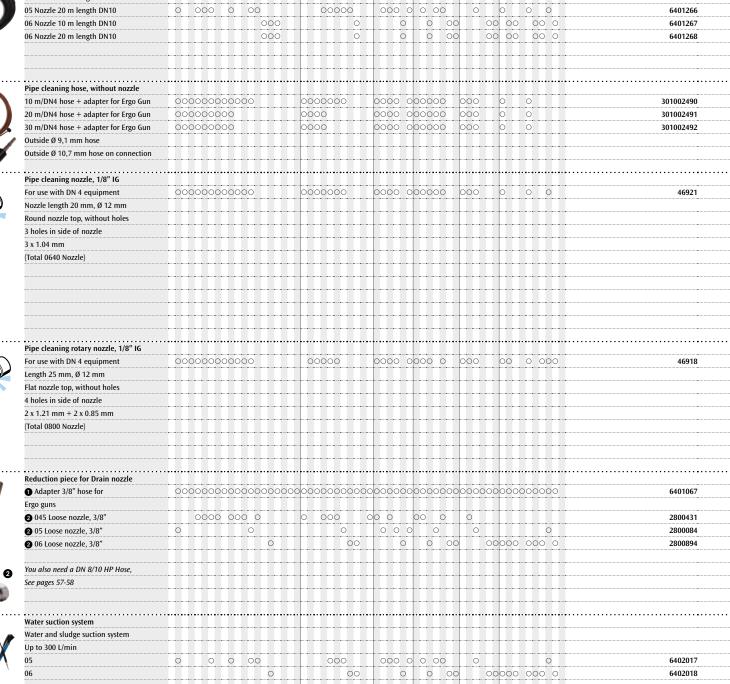
Drain cleaner

-58 E36H/7-58 E541 X X X//NEPTUNE SB 2000 200 2000 2 노노 ¥ TER 3-26 STER 3-21 STER 5-49 STER 5-103 STER 8-103 TER 5-52 D TER 7-58 D TER 8-103 L ST ******** 82 111 125 E 2-22 E 2-25 E A NUMBER OF A NUMBER BOC BOC

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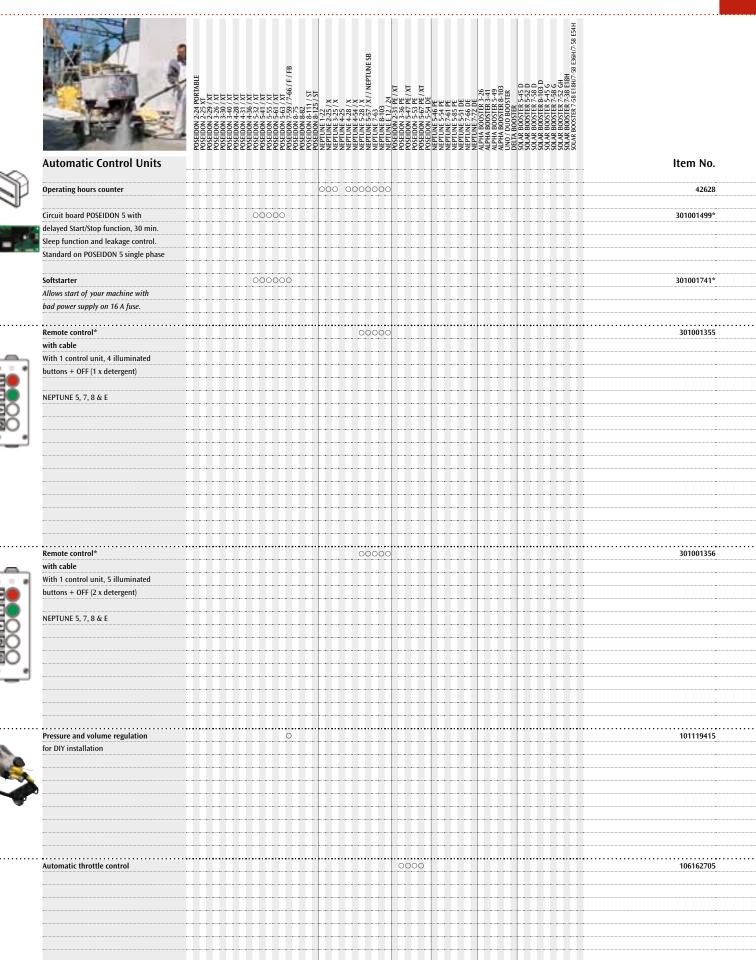
Ideal for emptying flooded basements or swimming pools. Extracts stones (up to 20 mm), sludge, dirt, sand, algae and sediment

• Standard equipment or recommended equipment

~	Special Accessories Lifting equipment	POSIDON 224 PORTABLE POSIDON 224 PORTABLE POSIDON 229 // POSIDON 229 // POSIDON 229 // POSIDON 230 // POSIDON 230 // POSIDON 230 // POSIDON 251 //	POSEDON 8-125/57 NEPTUNE 1-25 NEPTUNE 2-25/X NEPTUNE 2-25/X NEPTUNE 4-25 NEPTUNE 4-25/X NEPTUNE 5-57/X// NEPTUNE 58 NEPTUNE 5-57/X/ NEPTUNE 58 NEPTUNE 8-103 NEPTUNE 8-103 NEPTUNE 8-103	0421000 231 F/X POSED000 235 F/X POSED000 535 F/X POSED000 553 F/X POSED000 553 F/X POSED000 554 F/X POSED000 554 F/X POSED000 554 F/X	APPLOACE APP	DIETIN, BOOSTER 5-45 SOLAR BOOSTER 5-45 SOLAR BOOSTER 5-45 SOLAR BOOSTER 7-35 SOLAR BOOSTER 7-35 SOLAR BOOSTER 7-35 SOLAR BOOSTER 7-38 E18H/T-38 E54H SOLAR BOOSTER 7-38 E18H/T-38 E54H	Item No.
0	POSEIDON 7 roll over frame	0		[)			301000703
) 0	NEPTUNE Lifting equipment with bolt and screw Lifting equipment incl. central tube bolt and screw (not shown)		000 0				301001090 301001851
1							······
>	Foot step (for easy tilting of the machine)	00000					301001401
0	Wall bracket, for NEPTUNE 1 & 2 (without screws)		000				107145347
	Chimney adaptor Ø150 NEPTUNE/SOLAR BOOSTER D		000000			0000	301001089
	NEPTUNE 1 & 2		000				107145328
	Anti-calc kit for NEPTUNE 2		00	,			107145123
	Anti-calc kit for NEPTUNE PE/DE				000000		106239900
	Water break tank POSEIDON 7	0					106101612
	Detergent tank POSEIDON 4	000					301002751
	Back flow preventer without couplings		000000000 0			000 00000	106411184
	① w/GARDENA couplings ② w/NITO couplings ③ w/GEKA couplings	000000000000000000000000000000000000000	0000000000	000000	000000000000000000000000000000000000000	000 00000 000 00000 000 00000	106411177 106411178 106411179

Supplementary accessories adapters <u>not required</u>
Standard equipment or recommended equipment





• Supplementary accessories adapters <u>not required</u>

• Standard equipment or recommended equipment

Liquid sprayers





TECHNICAL DATA	1.5	8P	55	10SP ¹⁾	205
Pump pressure ba	r 2	4	6	6	6
Tank capacity	1.25	8	5	10	20
Working pressure bar/ps	i 2/29	3/43	6/87	6/87	6/87
Max water temperature	30	40	50	30	50
Length of hose n	ı -	1.3	1	4	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 mn	130	200	190	210	210
Height mn	300	620	455	545	770
Weight k	g 0.4	2.2	3.1	6.6	7.7
ITEM NO.	80853	25598	7110005	7110010	7110020

ACCESSORIES		1.5	8P	5S	10SP ¹⁾	205
Multi spray gun with hose	7110420			•		
Multi spray gun with hose	7110403				•	•
Manual pump, complete	7110241			•	0	0
Trolley with wheels	7110100			0	0	•
Lance 50 cm with flat jet nozzle	4810327			•	•	•
Spray gun, Pro acces (old KEW)	4810328			0	0	
Foam nozzle G 1/4"	308000057			0	0	0

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.

Tank cleaning head







Cleaning heads for tanks, barrels

Cleaning heads: For excellent cleaning results

- Nickel-plated brass*
- Electric drive**

TRK 25

Brake & part washers – B23 STAINLESS



- · Insulated tank keeps water warm.

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)	650 x 450 x 220
Heating element (w)	2000
Heating time (Min)	40
Weight (kg)	55
Voltage/Phase/Frequency/Qurrent (V/~/Hz/A)	230/1/50/9
ITEM NO.	106403133

Stationary installations are the answer to your cleaning needs





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 room, away from processing equipment, or non-authorised personnel. The planning of a good installation can provide users with multiple outlets and allow the introduction of detergents and sanitisers. Thus, when moving from one cleaning point to another... you simply disconnect the hose and gun and move to the next site... without transporting an unwieldy pressure washer with you.

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

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

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

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

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

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



Stationary units offer numerous advantages

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

Increased flexibility with Nilfisk-ALTO options

The UNO, DUO, ALPHA and SOLAR BOOSTERS can be equipped with an electronic control board. This gives the possibility to use a wide range of factory-mounted options and equipment such as remote control, coin boxes, pressure relief... The use of options means that a standard machine is quickly and easily configured to become a customer-specific solution.

Option	Description	UNO BOOSTER	UNO BOOSTER EXTENDED	DUO BOOSTER	DUO BOOSTER 7-121	ALPHA BOOSTER 5	SOLAR BOOSTER D/G	SOLAR BOOSTER E/GH
		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. For a special solution using 2 pump water capacity and injection of detergent, please request a special project.	na	107340900	na	107340906	107360900*	107370952	107370952
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. For a special solution using 2 pump water capacity and injection of detergent, please request a special project.	na	107340901	na	107340907	107360901*	107370953	107370953
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 BOOSTER	UNO BOOSTER EXTENDED	DUO BOOSTER	DUO BOOSTER 7-121	ALPHA BOOSTER 5	SOLAR BOOSTER D/G	SOLAR BOOSTER E/GH
		Item No.	Item No.	Item No.	Item No.	Item No.	Item No.	Item No.
Cold/Warm switchover	Allows double water inlet (either hot or cold) and switchover between sources.	na	107340915	na		na	na	107370959 (E)
Vater inlet ecurity	Comprises of a magnetic valve on the water tap, 5 m cable and a 24v, DC plug. If the hose breaks, the valve on the tap closes, preventing water spill.	107340910	107340910	107340910	107340910	na	107340910	
Remote control boxes	On-Off = 2 buttons On-Off = 1 function (burner or option) = 3 buttons On-Off + 2 functions (burner or option) = 4 buttons On-Off + 3 functions (burner or option) = 5 buttons Mains cut off button	107340911 na na 29277	107340911 107340912 107340913 107340914 29277	107340911 na na 29277	107340911 107340912 107340913 107340914 29277	107340911* 107340912* 107340913* na na	107340911 107340912 107340913 107340914 29277	107340911 107340912 107340913 107340914 29277
Coin boxes	Mechanical, simple on-off, €½ Mechanical, simple on-off, €1 Mechanical, simple on-off, Tokens Mechanical, on-off + 1 detergent, €½ Mechanical, on-off + 1 detergent, €1 Mechanical, on-off + 1 detergent, Token	54328 54329 54330 54332 54333 54334	54328 54329 54330 54332 54333 54334	54328 54329 54330 54332 54333 54333 54334	54328 54329 54330 54332 54333 54333 54334	54328* 54329* 54330* 54332* 54333* 54334*	54328 54329 54330 54332 54333 54334	54328 54329 54330 54332 54333 54334
Kit for coin box	It allows the mounting of mechanical coin boxes on UNO and DUO BOSTER Basic versions.	107340908	107340908	na	na	na	na	na
Frost protection (lost - requires pressure relief) Standard Deluxe with heater			107370954 107370955		107370954 107370955	na na	107370954 107370955	107370954 107370955
М.М.О.	Allows connection of up to 3 SOLAR BOOSTER units together.						107370964	107370964
Closed air intake for gas models							107370965	107370965
Stainless steel cabinet parts							107370963 (G/GH) 107370962 (D/EH)	107370963 (G/GH) 107370962 (D/EH)

Accessories for stationary pressure washer solutions



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Basic equipment	Desired pressure	Desired flow	No. of pumps required	Item No
Colour coded lance system for DELTA BOOSTER, regulation for pressure and flow	bar	l/h		
ELTA BOOSTER lance, 160 bar, 930 mm				
White	27	1.020	1	630084
Black	27	2.100	2	630084
Brown	50	1.020	1	630084
Green	53	1.980	2	630084
Blue	80	1.020	1	630085
Red	80	1.620	1.5	630085
Orange	107	1.020	1	630085
			••••	
Yellow Chrome	107 152	1.560 1.020	1.5	630085 630087
Cilone	132	1.020	1	030007
hemical reservoir, all machine types	45 L			8005
/ater intake hose	R3/4"-2.5 m (1xGEKA)			1142
eet for UNO BOOSTER				10730311
ainless steel cabinet for ALPHA BOOSTER 3, ALPHA BOOSTER 5				10736090
RUCK BOOSTER	•••••••••••••••••••••••••••••••••••••••			•••••
isulation pad kit				10737097
nti-frost closed circuit kit				10737097
emote control box, four buttons (stop, on, hot water, detergent)				10737097
nti-calc kit				10737097
	•••••••••••••••••••••••••••••••••••••••			
elf-service application accessories - AUTO BOOSTER				
If-service brush attachment				10640224
oray lance for brush attachment	1020 mm			10640216
ater softener for AUTO BOOSTER				10737097
gital time switch				10737097
	•••••••••••••••••••••••••••••••••••••••			
Inter-proof trigger on/off gun, with swivel				10640224
oin counter uel supply				
oin counter uel supply uel oil de-aerator				10737097
oin counter uel supply uel oil de-aerator il pressure reducer				10737097
oin counter uel supply uel oil de-aerator il pressure reducer				10737097
oin counter uel supply uel oil de-aerator il pressure reducer				1073709
oin counter uel supply uel oil de-aerator il pressure reducer				10737097
inter-proof trigger on/off gun, with swivel oin counter uel supply uel oil de-aerator il pressure reducer as threshold hose, 3/4"				10737097
oin counter uel supply uel oil de-aerator il pressure reducer as threshold hose, 3/4" ilue exhaust gas (chimney on request)	Ø148 x 197			10640224 10737097 2381 323 5402 30100108
oin counter uel supply uel oil de-aerator il pressure reducer	Ø148 x 197			10737097 2381 323 5402



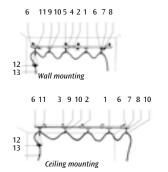


Item No.



Hose routing systems

Schematic diagram: Hose routing system



1) Slide rail, 40 x 40, galvanised	4 m	7973
		6 m	7974
		galvanised	7975
3			7976
	For ceiling mounting		
) Connection piece (spacer)	galvanised	7977
	40 x 40, for ceiling and wall mounting		
5) Wall spacer, 40 x 40	galvanised	7978
	500 mm long		
6) End stopper		7979
T) Eyelet / loop		7980
8) Snap link / hook		7981
0) Hose trolley for slide rails		7982
) Hose bracket	10-16 mm DN 8	52964
	· · · · ·	10-16 mm DN 8	52966
	· · · ·	10-16 mm DN 8	52967
······			37450
			·····
••••	••••••	•••••••••••••••••••••••••••••••••••••••	•••••••••••••••••••••••••••••••••••••••
Stainless steel			37871
Stainless steel			309000209
Stainless steel			37742
Stainless steel Stainless steel			37742 309000662
•••••			
•••••			
	(a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c		② Slide rail connector, 40 x 40 galvanised ③ Slide rail bracket, 40 x 40 For ceiling mounting galvanised ④ Connection piece (spacer) galvanised 40 x 40, for ceiling and wall mounting ⑤ Wall spacer, 40 x 40 galvanised 500 mm long ⑤ End stopper ⑦ Eyelet / loop ⑧ Snap link / hook ⑨ Hose toralket 10-16 mm DN 8 ⑨ Hose bracket 10-16 mm DN 8 ⑧ ⑨ Strain relief clamp 10-16 mm DN 8 ⑨ Pivot joint, straight / swivel fitting \$ Stainless steel Stainless steel \$

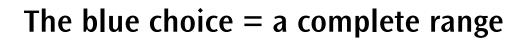






Nilfisk-ALTO Vacuum Cleaners







Nilfisk-ALTO offers a complete range of innovative and powerful Wet & Dry vacuum cleaners – all designed to accommodate the most demanding professional's cleaning needs, each one of them is designed to match a specific level of requirements, in terms of suction power and important features such as very low noise level and high performance, automatic or semi-automatic filter cleaning. When you have studied the program, you will realise why "blue" is the better alternative.

Whichever professional cleaner you choose – Nilfisk-ALTO ensures that you will end up with a powerful, intelligent and economical solution.

ATTIX 965-21 SD XC				
Model Name ATTIX 30 ATTIX 40 ATTIX 50 ATTIX 7 ATTIX 9		······ »	Variants and Special Types (e.g. dust class, etc.) 1 = CE M = M + L H = H + M + L + Asbestos M/B1 = M + L + Type 22	
Production Model Feature Class 0 = Basic type 1 = Convenience out 2 = AutoOnOff for ele			Filter Cleaning Features & Disposal Concepts XC = XtremeClean Filter cleaning system PC = Push&Clean Filter cleaning system ED = EasyDisposal SD = SitDown	
6 = Liquid vacuum 7 = Fire brigade vacu	um		Specials EC = Brushless long-life motor system TYPE 22 = approved to pick up explosive dust in ATEX ZONE 22 CLEAN ROOM = for use in clean room applications	



Automatic Filter Cleaning System Push Cleaning Filter Cleaning System Cleaning Cleaning Cleaning System Cleaning Cleaning Cleaning Cleaning System Cleaning Clean

The Nilfisk-ALTO vacuum range



For demanding, efficient, powerful and easy-to-use dry vacuum cleaning. The SALTIX 3 is equipped with our reliable DualFilter, and it has not sacrificed quality to achive meaningful value at a competitive price.



All machines in the AERO range feature the Push&Clean semi-automatic filter cleaning system. The AERO offers a choice of 20 or 25 litre capacities. The AERO delivers high performance in a compact package, with huge working capacity and low noise. The AERO range comes with a selection of useful accessories.



The 35 litre versions are not available in the UK

The MAXXI WD 7 DUO Wet&Dry vacuum is economical to buy and use. The MAXXI WD is a powerful, simple washable cloth filter, and a 75 litre container. The WD7 DUO has a built in drain hose and twin motors.



ATTIX 30, 40 & 50 combine the possibility of achieving superior suction power and new innovative features. Silent and mobile, Wet or Dry – when high performance and robustness is required these machines fit the bill. 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, anti-static capability and more.



The twin motor ATTIX 9 is designed to withstand the toughest applications. A versatile, high performance unit for demanding everyday vacuuming.



Special purpose vacuums – an extension of the high capacity ATTIX 7 and 9 series include the Liquid Vac for flood cleanup, and the EasyDisposal machines, which enable the operator to quickly change the disposal bag and get back to the task in hand.



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.



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 mg/m³ 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.





Modern, attractive and flexible. Developed primarily for use in filling stations, the SB Series is built for the rigours of outdoor use in all kinds of weather. Coin-operated self-service vacuums with special requirements. Single motor or dual motor machines are available. All models use a simple cloth filter system for easy maintenance. Done to perfection, down to the smallest detail.



H-Class safety vacuums

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

ATEX ZONE 22 safety vacuums

Dusts from dust classes L and M as well as explosive dusts may be picked up using these vacuum cleaners. These include all non-carcinogenic dusts with OEL values > 0.1 mg/m³ and/or many flammable dusts in ATEX Zone 22 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.

Filter Cleaning Systems



XtremeClean - automatic filter cleaning system

Nilfisk-ALTO offers an 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 instantly 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.

XtremeClean

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 - semi-automatic filter cleaning system

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.



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 Nifisk-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

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. A 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



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.

Flow Sensor

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:

- · brushless 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



Commercial dry vacs

Nilfisk **ALTO** works for you

SALTIX 3

SALTIX 3



SALTIX 3 combines high efficiency and high mobility into a powerful and compact dry vacuum cleaner – the perfect solution for commercial use in hotels, shops and offices. SALTIX 3 can be easily stored and transported even when space is limited.



The DualFilter system ensures a high level of dust filtration and a reliable protection of the motor. It consists of a double-layer filter bag in combina-tion with an easy-to-clean Microvel sack filter.

DualFilter





TECHNICAL DATA	SALTIX 3
Air flow rate (l/min.)	2100
Vacuum (mbar/kPa)	230/23
Power Pmax (W)	1200
Power PIEC (W)	1100
Working sound level (dB(A))	52
Container volume (I)	14
Dust bag capacity (I)	9
Mains connection (V/~/Hz)	230/1/50-60
Dimensions L x W x H (mm)	380 x 340 x 400
Weight (kg)	5.6
El cable (m)	10
FEATURES	
DualFilter system	
Bumper protector of front wheel	
Suction power control on hand tube	
Cable storage	
Parking clip for nozzle	
STANDARD EQUIPMENT	
Suction hose, 2.5 m	147 0765 500
Extension tube, alu, 2 pcs.	011 6431 500
Sack filter, Inner	147 0663 500
Filter bag, 10 pcs.*	140 8618 000
Motor protection filter	147 0670 500
Hard floor nozzle	140 6700 570
OPTIONAL ACCESSORY	
Combination nozzle, "De Luxe"	12018503
Sack filter, Outer	140 0678 500
ITEM NO.	905 9552 010

Commercial wet & dry vacs

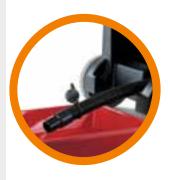
MAXXI WD



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.



MAXXI WD

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

WD3 not available in the UK







TECHNICAL DATA	MAXXI WD 7 DUO
Air flow rate (l/min.)	4100
Vacuum (mbar/kPa)	215/21.5
Power Pmax (W)	2 x 1500
Power Piec (W)	2 x 1350
Working sound level (dB(A))	69
Container volume (I)	75
Mains connection (V/~/Hz)	230/1/50
Dimensions L x W x H (mm)	720 x 600 x 995
Weight (kg)	22
El cable (m)	10
FEATURES	
Robust trolley with folding handle	
Tilting container	
Dual motor	
Drain hose	
Accessory holder and cable storage	
STANDARD EQUIPMENT	
Suction hose	46948
Curved hand tube (DN 36)	302000528
Dust bag self close x 1*	147 0746 010
Filter sack	140 9512 500
Professional floor nozzle, 360 mm	302000521
Motor filter	140 8682 500
Crevice nozzle	6084
ITEM NO.	905 8822 010





Compact wet & dry vacs

AERO 20





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



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



- MultiFit accessory system for the ultimate in task flexibility.
- Washable PET fleece filter with minimum 99.9% filtration efficiency.



Not available in UK

Not available in UK

TECHNICAL DATA	AERO 20-01	AERO 20-01
Air flow rate (l/min.)	3600	3600
Vacuum (mbar/kPa)	180/18	180/18
Power Pmax (W)	1300	1300
Mains connection (V/~/Hz)	230/1/50	110/1/50
Working sound level (dB(A))	67	67
Container volume (l)	20	20
Dimensions L x W x H (mm)	380 x 375 x 485	380 x 375 x 485
Weight (kg)	5.7	5.7
El cable (m)	5	5
FEATURES		
Filter cleaning system	Push&Clean	Push&Clean
Accessory holder and tool storage	•	•
Cable storage	•	•
Suction control on hand tube		•
STANDARD EQUIPMENT		
Suction hose (m)	1.9	1.9
Extension tube, Plastic	5142	5142
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
Floor nozzle, 300 mm	302002331	302002331
Brush nozzle, 70 mm	5146	5146
Universal nozzle, 115 mm	14295	14295
ITEM NO.	302002348	302002347



AERO 25



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.



AEDO 25 21

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.



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.

Push Clean Filter Cleaning System



TECHNICAL DATA	AERO 25-21
Air flow rate (l/min.)	3600
Vacuum (mbar/kPa)	190/19
Power Pmax (W)	1400
Mains connection (V/~/Hz)	230/1/50
Working sound level (dB(A))	67
Container volume (I)	25
Dimensions L x W x H (mm)	380 x 375 x 545
Weight (kg)	5.9
El cable (m)	5
FEATURES	
Filter cleaning system	Push&Clean
Accessory holder and tool storage	•
Cable storage	•
Suction control on hand tube	•
AutoOnOff for electrical power tool	•
STANDARD EQUIPMENT	
Suction hose (m)	2.5
Extension tube, Aluminium	107400032
Combi nozzle	302002365
Filter element, PET, Ø185 x 140 mm	302000490
Fleece filter bag, 4 pcs.* + wet filter, 1 pcs.	302002404
Crevice nozzle, 300 mm	6084
Brush nozzle, 70 mm	5146
Universal nozzle, 115 mm	14295
Accessory organiser	302002407
Tool adapter	302002356
ITEM NO.	302002350

ATTIX 30



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.



ATTIX 30

- SilentPower High performance that is seen, but not heard.
- MultiFit accessory system for the ultimate in task flexibility.
- Washable PET fleece filter with minimum 99.9% filtration efficiency.



TECHNICAL DATA	ATTIX 30-01 PC	ATTIX 30-01 PC
Air flow rate (l/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)	110/1/50/16	230/1/50-60
Dimensions L x W x H (mm)	450 x 380 x 595	450 x 380 x 595
Weight (kg)	10	10
El cable (m)	7.5	7.5
FEATURES		
Filter cleaning system	Push&Clean	Push&Clean
Suction control on hand tube	•	•
Accessory holder and tool storage	•	•
STANDARD EQUIPMENT		
Suction hose	302000473 [Ø32 mm x 3 m]	302000473 [Ø32 mm x 3 m]
Extension tube, alu, 2 pcs.	107400032 [Ø36]	107400032 [Ø36]
Fleece filter bag, 5 pcs.*	302004000	302004000
Filter element, PET, Ø185 x 140 mm	302000490	302000490
Combi nozzle, 260 mm	302000477	302000477
Crevice nozzle, 300 mm	6084	6084
ITEM NO.	302003626	302003625

92



ATTIX 30



The Push&Clean technology on the ATTIX range allows fast and simple cleaning of the filter cartridge. The dirt is blasted off the filter at the touch of a button and the suction performance is restored. A comfortable and powerful but gentle way of cleaning the filter.



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 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.

ktremeClean

NanoFilter

Push Clean



ATTIX 30-21 XC not available in the UK



TECHNICAL DATA	ATTIX 30-21 PC	ATTIX 30-21 PC
Air flow rate (l/min.)	3700	3700
Vacuum (mbar/kPa)	250/25	250/25
Power Pmax (W)	1500	1150
Power Piec (W)	1200	1000
Working sound level (dB(A))	59	59
Container volume (I)	30	30
Mains connection (V/~/Hz)	230/1/50-60	110/1/50/32
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	Push&Clean
Suction control on hand tube	•	•
Accessory holder and tool storage	•	•
SoftStart	•	•
AntiStatic (electrostatic discharge)	 AntiStatic ready 	•
AutoOnOff for electrical power tool	•	•
Speed Control	•	
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.*	302004000	302004000
Filter element, PET, Ø185 x 140 mm	302000490	302000490
Tool adapter	18195	18195
ITEM NO.	302003627	302003628

Available with a professional Wet & Dry floor nozzle with changeable brush strips and rubber lips. Spring loaded clasps ensure secure connection between container and motor top.

Survive .

The robust metal castor wheels with non marking material are protected by solid bumpers

ATTIX 40 INOX



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.

(tremeClean

NanoFilter



- ATTIX 40 INOX
- 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 40-21 PC not available in the UK ATTIX 40-21 XC not available in the UK

TECHNICAL DATA	ATTIX 40-01 PC INOX
Air flow rate (l/min.)	3700
Vacuum (mbar/kPa)	250/25
Power Pmax (W)	1500
Power Piec (W)	1200
Working sound level (dB(A))	59
Container volume (I)	37
Mains connection (V/~/Hz)	230/1/50-60
Dimensions L x W x H (mm)	450 x 440 x 735
Weight (kg)	13
El cable (m)	7.5
FEATURES	
Filter cleaning system	Push&Clean
Accessory holder and tool storage	
SoftStart	
AntiStatic (electrostatic discharge)	○ AntiStatic ready
STANDARD EQUIPMENT	
Suction hose	46948 [Ø36 mm x 3 m]
Extension tube, chrome, 2 pcs.	302000529 [Ø36]
Curved hand tube, chrome	302000528 [Ø36]
Fleece filter bag, 5 pcs.*	302004004
Filter element, PET, Ø185 x 140 mm	302000490
Professional floor nozzle, 400 mm	302003666
Crevice nozzle, 300 mm	6084
ITEM NO.	302003414 EU

ATTIX 50



ATTIX 50

- 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.Available with long life brushless EC motordrive and customized for CLEAN
- ROOM applications with HEPA filter.



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



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





TECHNICAL DATA	ATTIX 50-01 PC	ATTIX 50-01 PC	ATTIX 50-21 XC	ATTIX 50-21 XC
Air flow rate (l/min.)	3700	3700	3700	3700
Vacuum (mbar/kPa)	250/25	250/25	250/25	250/25
Power Pmax (W)	1500	1100	1100	1500
Power Piec (W)	1200	1000	1000	1200
Working sound level (dB(A))	59	59	59	59
Container volume (I)	47	47	47	47
Mains connection (V/~/Hz)	110/1/50-60/16 amp	230/1/50-60	110/1/50/32 amp	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	450 x 380 x 750
Weight (kg)	11	11	12	12
El cable (m)	7.5	7.5	7.5	7.5
FEATURES				
Filter cleaning system	Push&Clean	Push&Clean	XtremeClean	XtremeClean
Accessory holder and tool storage	•	•	•	•
SoftStart	•	•	•	•
AntiStatic (electrostatic discharge)	○ AntiStatic ready	○ AntiStatic ready	•	•
AutoOnOff for electrical power tool		•	•	•
Speed control		•	•	•
Automatic water level shut-off			•	•
STANDARD EQUIPMENT				
Suction hose	46948 [Ø36 mm x 3 m]	46948 [Ø36 mm x 3 m]	15325 [Ø27 mm x 3.5 m AS]	15325 [Ø27 mm x 3.5 m AS]
Extension tube, chrome, 2 pcs.	302000529 [Ø36]	302000529 [Ø36]		
Curved hand tube, chrome	302000528 [Ø36]	302000528 [Ø36]		
Fleece filter bag, 5 pcs.*	302004004	302004004		
Filter element, PET, Ø185 x 140 mm	302000490	302000490		
Flat filter, PET NanoFibre			302002842	302002842
Disposal bag, 5 pcs.*			302000728	302000728
Professional floor nozzle, 400 mm	302003666	302003666		
Crevice nozzle, 300 mm	6084	6084		
Tool adapter			18195	18195
ITEM NO.	302004262	302003630	302003633	302003634

Optional vacuuming kit for -21 models is 302003703 & contains 6084 crevice nozzle, 6086 brush nozzle, 14295 universal nozzle, 302000521 professional floor tool 360 mm, 302000529 extension tubes & 46948 36 mm x 3 m hose, curved hand tube, 302000528.



ATTIX 50 SPECIAL PURPOSE



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.



ATTIX 50-21 models include a power outlet with AutoOnOff switch function – a convenient feature for use with electrical power tools. Variable speed control means adjustment of suction power to a specific application.



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.

<mark>(treme</mark>Clean

NanoFilter

Push Clean Filter Cleaning System



99,995 - 99,999 % FILTRATION

HEPA FILTER

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 (electrostatic discharge)	•	
AutoOnOff for electrical power tool	•	•
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 7

efficiency.



ATTIX 7
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



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 751-11	ATTIX 761-21 XC	ATTIX 761-21 XC
Air flow rate (l/min.)	3600	3600	3600	3600
Vacuum (mbar/kPa)	230/23	230/23	230/23	230/23
Power Pmax (W)	1500	1500	1500	1500
Power Piec (W)	1200	1200	1200	1200
Working sound level (dB(A))	59	57	57	57
Container volume (I)	70	70	70	70
Mains connection (V/~/Hz)	110/1/50-60/32amp	230/1/50-60	110/1/50-60/32amp	230/1/50-60
Dimensions L x W x H (mm)	605 x 580 x 970	605 x 580 x 970	605 x 580 x 970	605 x 580 x 970
Weight (kg)	25	25	25	27
El cable (m)	7.5	7.5	7.5	7.5
FEATURES				
Filter cleaning system			XtremeClean	XtremeClean
Accessory holder and tool storage	•	•	•	•
SoftStart	•	•	•	•
AntiStatic (electrostatic discharge)	○ AntiStatic ready	○ AntiStatic ready	•	•
Power socket	•	•		
AutoOnOff for electrical power tool			•	•
Speed control			•	•
Tilt or lift-off container, stainless steel	•	•	•	•
Automatic water level shut-off				•
STANDARD EQUIPMENT				
Suction hose	25537 [Ø36 mm x 4 m]	25537 [Ø36 mm x 4 m]	15325 [Ø27 mm x 3.5 m AS]	15325 [Ø27 mm x 3.5 m AS]
Filter bag, 5 pcs.*	302002892	302002892	302002892	302002892
Filter element, PET, Ø185 x 140 mm	302000490	302000490		
Filter element, PET, Ø275 x 182 mm			302000751	302000751
Suction pipe Ø36 2 x 505 mm	302000529	302000529		
Prof. floor nozzle plastic 360 mm	60356	60356		
Disposal bag, 5 pcs.*				302001480
Tool adapter			18195	18195
Diagonal nozzle tube, rubber	5067	5067		
ITEM NO.	302001520	302001524	302001531	302001534

Optional vacuuming kit for -21 models is 302003703 & contains 6084 crevice nozzle, 6086 brush nozzle, 14295 universal nozzle, 302000521 professional floor tool 360 mm, 302000529 extension tubes & 46948 36 mm x 3 m hose, curved hand tube, 302000528.



ATTIX 7 SPECIAL PURPOSE





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.

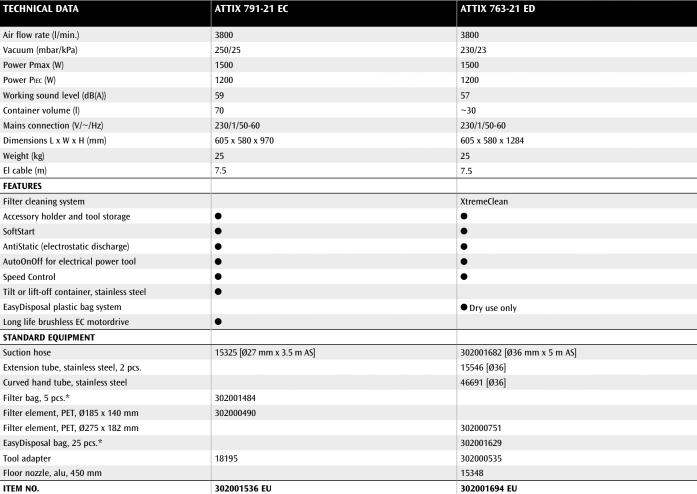


The EasyDisposal system means quick and easy bag disposal without opening the machine – a convenient solution when vacuuming large volumes of dirt and debris on building and construction sites.

(tremeClean

NanoFilter





Optional vacuuming kit for -21 models is 302003703 & contains 6084 crevice nozzle, 6086 brush nozzle, 14295 universal nozzle, 302000521 professional floor tool 360 mm, 302000529 extension tubes & 46948 36 mm x 3 m hose, curved hand tube, 302000528.



Single-phase wet vacs

ATTIX 7 SPECIAL PURPOSE



ATTIX 7

TECHNICAL DATA

- Built-in pump for continuous 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 wet application vacuums feature a tilting function for easy emptying of liquids from the big capacity stainless steel container.



ALTO works for you

Nilfisk

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





ATTIX 751-71 not available in the UK

TECHNICAL DATA	ATTIX 751-61 LIQUID VAC
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 (I)	70
Mains connection (V/~/Hz)	230/1/50-60
Dimensions L x W x H (mm)	605 x 580 x 970
Weight (kg)	33
El cable (m)	7.5
FEATURES	
Accessory holder and tool storage	
SoftStart	
Speed Control	
Tilt and lift-off container, stainless steel	
STANDARD EQUIPMENT	
Filter sieve	302001434
Wet filter sieve, stainless steel	15475
ITEM NO.	302001529 EU

ATTIX 961-01



The twin-motor driven ATTIX 9 range is designed to withstand demanding industrial wet&dry applications for daily cleaning of heavy debris, liquids or fine dust. As a versatile and powerful machine, ATTIX 9 provides a high-end solution – a vacuum cleaner you can rely on.



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.





ATTIX 9

• Dual-motor industrial performance.

- High quality stainless steel container with steel chassis.
- Washable PET fleece filter with minimum 99.9% filtration efficiency.
- - MultiFit accessory system for the ultimate in task flexibility.



TECHNICAL DATA	ATTIX 961-01	ATTIX 961-01
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 1200
Working sound level (dB(A))	67	67
Container volume (I)	70	70
Mains connection (V/~/Hz)	230/1/50-60	110/1/50-60/32amp
Dimensions L x W x H (mm)	580 x 600 x 970	580 x 600 x 970
Weight (kg)	28	28
El cable (m)	10	10
FEATURES		
Filter cleaning system	Push&Clean	Push&Clean
Accessory holder and tool storage	•	•
SoftStart	•	•
AntiStatic (electrostatic discharge)	○ AntiStatic ready	○ AntiStatic ready
Tilt and lift-off container, stainless steel	•	•
STANDARD EQUIPMENT		
Suction hose	302002796 [Ø38 mm x 4 m]	302002796 [Ø38 mm x 4 m]
Extension tube, stainless steel, 2 pcs.	302002888 [Ø38]	302002888 [Ø38]
Curved hand tube, stainless steel	302002889 [Ø38]	302002889 [Ø38]
Fleece filter bag, 5 pcs.*	302002892	302002892
Filter element, PET, Ø275 x 182 mm	302000751	302000751
Professional floor nozzle, 400 mm	302002798	302002798
Crevice nozzle, 300 mm	302002890	302002890
ITEM NO.	302002910	302002911

Optional vacuuming kit for -21 models is 302003703 & contains 6084 crevice nozzle, 6086 brush nozzle, 14295 universal nozzle,



ATTIX 965-21 SD XC ATTIX 963-21 ED XC





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.



When large volumes of dirt and debris need to be vacuumed the ATTIX 9 EasyDisposal model is the right choice. Advanced XtremeClean filter cleaning and plastic disposal bag systems make the ED model an efficient solution for building and construction sites.





TECHNICAL DATA	ATTIX 965-21 SD XC	ATTIX 963-21 ED 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 1200
Working sound level (dB(A))	67	67
Container volume (I)	50	30
Mains connection (V/~/Hz)	230/1/50-60	230/1/50-60
Dimensions L x W x H (mm)	615 x 690 x 990	605 x 600 x 1200
Weight (kg)	35	30
El cable (m)	10	10
FEATURES		
Filter cleaning system	XtremeClean	XtremeClean
Accessory holder and tool storage	•	•
SoftStart		•
AntiStatic (electrostatic discharge)	○ AntiStatic ready	•
AutoOnOff for electrical power tool		•
Speed Control	•	•
SitDown Container with castor wheels		
EasyDisposal plastic bag system		• Dry use only
STANDARD EQUIPMENT		
Suction hose		15815 [Ø50 mm x 4 m AS]
Extension tube, stainless steel, 2 pcs.		15335 [Ø50]
Filter element, PET NanoFibre, Ø275 x 187 mm	107400562	107400562
Disposal bag, 5 pcs.*	302001480	
EasyDisposal bag, 25 pcs.*		302003723
Professional floor nozzle, 450 mm		302002880
Tool adapter		302002884
Crevice nozzle		7102
ITEM NO.	302002902 EU	302002901 EU

Optional vacuuming kit for -21 models is 302003703 & contains 6084 crevice nozzle, 6086 brush nozzle, 14295 universal nozzle, 302000521 professional floor tool 360 mm, 302000529 extension tubes & 46948 36 mm x 3 m hose, curved hand tube, 302000528. ATTIX 115 is the basic variant with standard filter and cyclone plate to protect from sharp edges – an efficient solution within mechanical manufacturing sites. ATTIX 125 is optimized for fine dust applications with focus on high filtration efficiency.

ALTO

ATTIX 115

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The 100 litre steel container is ideal for collecting large 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.

CE C



ATTIX 115 &125





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.

ALTO



NEW

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.

ALTO

ATTIX 115/125

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

Not Available in UK

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	68
El cable (m)	9	9
FEATURES		
Filter cleaning system	Filter shaker	Filter shaker
Accessory/tube holder	•	•
AntiStatic (electrostatic discharge)	○ AntiStatic ready	○ AntiStatic ready
SitDown Container with castor wheels	•	•
Independent motor/switches	•	•
STANDARD EQUIPMENT		
Star filter, PET L-class	Z8 17080	
Star filter, PET M-class		Z8 17245
MulfiFit adapter Ø70/Ø50 mm	4072200392	4072200392
Cyclone plate	Z5 60109	
Accessory box		40000892
ITEM NO.	Not Available in UK	Not Available in UK

Three-phase wet & dry vacs

ATTIX 145 & 155



ATTIX 145 & 155 features a powerful double stage side-channel blower for heavy industrial vacuum cleaning in mechanical, ceramics, food and chemical industries. The all-steel construction secures a strong and reliable machine with high mobility, big capacity and storage facilities.



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.



ATTIX 145/155

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

Not Available in UK

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 (electrostatic 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	Z8 17080	Z8 17080
MulfiFit adapter Ø70/Ø50 mm	4072200392	4072200392
ITEM NO.	Not Available in UK	Not Available in UK







Single-phase dry vacs

SB STATION



These coin-operated Self-Service vacuums fulfil all special requirements for garage forecourts 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 adaptation to local currency or token. Always ready to work for your customers with a minimum of effort.

SB STATION

- 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 Nilfisk-ALTO Customer Service.



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	2 x 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	302000305					
ITEM NO including Electric Coiner	65481	65482					

Health & Safety Vacuum Cleaners





A solution for any need

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.

Approved for professionals

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 ³	-				
М	0.1%	Removes 99.9% of: • Dusts with OEL values > 0.1mg/m ³ • Wood dust	Low dust				
H 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 dustsType 22ATEX Zone 22)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 I				



These vacuum cleaners permit picking up dusts from dust class L. These include dusts with OEL values > 1 mg/m³.



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



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.

Asbestos

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. Breaking, beating, drilling, sawing, grinding or milling asbestos materials causes the fibres to be released. This dust has to be contained directly at source. Vacuuming asbestos requires the use of an approved H-class safety vacuum cleaner.

ATEX ZONE 22







Beware of explosive dust

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

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

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

Additional test certificates and third party approvals

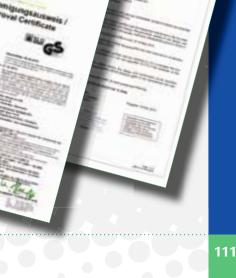
ATEX Directive 94/9/EC puts the burden on the manufacturer to ensure that products supplied for use in explosive atmospheres are ATEX compliant. This means that for a Health and Safety vacuum designed for use in an explosive atmosphere, the machine must be ATEX compliant with reference to the particular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

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

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

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

🕞 II 3D Ex tD A22 T 135 °C IP54



Health & Safety Vacuum cleaners

M-CLASS



M-CLASS VACS

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

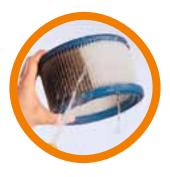


TECHNICAL DATA	ATTIX 30-2M PC	ATTIX 30-2M PC	ATTIX 50-2M XC			
Air flow rate (l/min.)	3700	3700	3700			
Vacuum (mbar/kPa)	250/25	250/25	250/25			
Power Pmax (W)	1200	1500	1200			
Power Piec (W)	1000	1200	1000			
Working sound level (dB(A))	59	59	59			
Container volume (I)	30	30	47			
Mains connection (V/~/Hz)	110/1/50-60/32amp	230/1/50-60	110/1/50-60/32amp			
Dimensions L x W x H (mm)	450 x 380 x 595	450 x 380 x 595	450 x 380 x 750			
Weight (kg)	10	10	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 (electrostatic discharge)	•	•	•			
AutoOnOff for electrical power tool	•	•	•			
Speed control	•	•	•			
STANDARD EQUIPMENT						
Suction hose	15325 [Ø27 mm x 3.5 m AS]	15325 [Ø27 mm x 3.5 m AS]	15325 [Ø27 mm x 3.5 m AS]			
Fleece filter bag, 5 pcs.*	302004000	302004000	302004004			
Flat filter, PET NanoFibre			302002842			
Filter element, PET, Ø185 x 140 mm	302000490	302000490				
Disposal bag, 5 pcs.*			302000728			
Tool adapter	18195	18195	18195			
ITEM NO.	107400416	107400413	107400472			

112



M-CLASS



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.



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



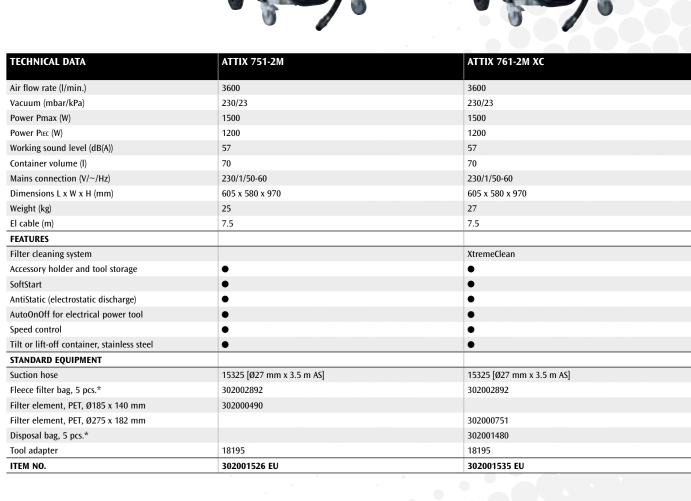
All M-class models are provided with an AntiStatic hose system to avoid unpleasant electrical shocks during use. The earthed connection prevents accumulation of dirt and ensures electrostatic discharge.

tremeClean

NanoFilter

Push Clean Filter Cleaning System





Health & Safety Vacuum cleaners

H-CLASS



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 wit different diameters is easily adjustable on the main control board.

H-CLASS VACS

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



TECHNICAL DATA	ATTIX 30-0H PC	ATTIX 30-0H PC	ATTIX 50-0H PC
Air flow rate (l/min.)	3700	3700	3700
Vacuum (mbar/kPa)	250/25	250/25	250/25
Power Pmax (W)	1200	1500	1500
Power PIEC (W)	1000	1200	1200
Working sound level (dB(A))	59	59	59
Container volume (l)	30	30	47
Mains connection (V/~/Hz)	110/1/50-60/32amp	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
Weight (kg)	10	10	11
El cable (m)	7.5	7.5	7.5
FEATURES			
Filter cleaning system	Push&Clean	Push&Clean	Push&Clean
Accessory holder and tool storage	•	•	•
SoftStart	•	•	•
AntiStatic (electrostatic discharge)	○ AntiStatic ready	○ AntiStatic ready	○ AntiStatic ready
STANDARD EQUIPMENT			
Suction hose	46948 [Ø36 mm x 3 m]	46948 [Ø36 mm x 3 m]	46948 [Ø36 mm x 3 m]
Curved hand tube, chrome	302000528 [Ø36]	302000528 [Ø36]	302000528 [Ø36]
Fleece filter bag, 5 pcs*	302004000	302004000	107400236
Filter element, H-class, Ø211 x 140 mm	302000658	302000658	302000658
Diagonal nozzle	5067	5067	5067
ITEM NO.	107400417	107400418	107400407 EU



H-CLASS H/M-CLASS



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.

Automatic Filter Cleaning System

Push Clean Filter Cleaning System



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 965-0H/M SD XC
Air flow rate (l/min.)	3700	3100	2 x 3600
Vacuum (mbar/kPa)	250/25	230/23	250/25
Power Pmax (W)	1500	1200	2 x 1500
Power Piec (W)	1200	1000	2 x 1200
Working sound level (dB(A))	59	57	67
Container volume (I)	47	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 380 x 750	605 x 580 x 970	615 x 690 x 990
Weight (kg)	12	25	45
El cable (m)	7.5	7.5	10
FEATURES			
Filter cleaning system	XtremeClean		XtremeClean
Accessory holder and tool storage	•	•	•
SoftStart	•	•	•
AntiStatic (electrostatic discharge)	•	○ AntiStatic ready	○ AntiStatic ready
AutoOnOff for electrical power tool	•		
Speed control	•		
Tilt or 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]	
Curved hand tube, stainless steel		46691 [Ø36]	
Safety filter bag, 5 pcs*	107400236	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
Disposal bag, 5 pcs*			302001480
Tool adapter	302000535		
Diagonal nozzle	5067	5067	
ITEM NO.	107400409 EU	302001519 EU	302002903 EU

* 1 pcs. included with machine.

AS = Antistatic

Health & Safety Vacuum cleaners

TYPE 22 Single-phase



TYPE 22 VACS

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



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.



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 2	2 ATTIX 791-2M/B1	ATTIX 791-2M/B1	ATTIX 995-0H/M SD XC TYPE 22		
Air flow rate (l/min.)	3200	3800	3800	2 x 3200		
Vacuum (mbar/kPa)	230/23	250/25	250/25	230/23		
Power Pmax (W)	1400	1500	1200	2 x 1400		
Power Piec (W)	1100	1200	1000	2 x 1100		
Working sound level (dB(A))	60	59	59	67		
Container volume (I)	37	70	70	50		
Mains connection (V/~/Hz)	230/1/50-60	230/1/50-60	110/1/50-60/32 amp	230/1/50-60		
Dimensions L x W x H (mm)	450 x 440 x 750	605 x 580 x 970	605 x 580 x 970	615 x 690 x 990		
Weight (kg)	13	25	25	45		
El cable (m)	7.5	7.5	7.5	10		
FEATURES						
Filter cleaning system	Push&Clean			XtremeClean		
Accessory holder and tool storage	•	•	•	•		
SoftStart	•	•	•	•		
AntiStatic (electrostatic discharge)	•	•	•	•		
AutoOnOff for electrical power tool		•	•			
Speed control		•	•			
Tilt or lift-off container, stainless steel		•	•			
SitDown Container with castor wheels				•		
Dual motor				•		
STANDARD EQUIPMENT						
Suction hose, electrically conductive	44193 [Ø36 mm x 4 m]	48132 [Ø27 mm x 3.5 m]	48132 [Ø27 mm x 3.5 m]			
Curved hand tube, stainless steel	44188					
Filter bag, 5 pcs*	302004004	302002892	302002892			
Safety filter bag, 5 pcs*				302003473		
Filter element, PET, Ø185 x 140 mm	302000490	302000490	302000490			
Filter element, H-class, Ø275 x 187 mm				107400564		
Disposal bag, 5 pcs*				302001480		
Tool adapter		18195	18195			
Diagonal nozzle, rubber	302000227					
Motor cooling air filter	302003721	302000491	302000491	107400041		
ITEM NO.	107400410	302001538	302001539	302002904 EU		



TYPE 22 Three-phase





ATTIX 200 is our big capacity 175 L vacuum cleaner certified for hazardous dust classes and for use in ATEX ZONE 22 - an ideal solution for centralised vacuum systems or fixed installations where capacity and performance really counts.



The side-channel suction unit is made of aluminum casting and fitted at the base of the chassis, giving more stability to the machine. The impeller is directly driven, thus avoiding any transmission and maintenance.



TΥ	PE	2	22	VA	cs

- · Maintenance free side-channel blower for continously use.
- Entirely made of steel.
- Flow censor with acoustic warning signal.
- Approved for work in ATEX ZONE 22 environments with explosive dust and for use as stationary installation.
 A full range of electrically conductive accessories is
- available to tailor your machine to your application.

TECHNICAL DATA	ATTIX 200M TYPE 22	ATTIX 200H TYPE 22
Air flow rate (l/min.)	13500	13500
Vacuum (mbar/kPa)	420/42	420/42
Power Piec (W)	7500	7500
Working sound level (dB(A))	78	78
Container volume (I)	175	175
Mains connection (V/~/Hz)	400/3/50	400/3/50
Dimensions L x W x H (mm)	1650 x 800 x 1810	1650 x 800 x 1810
Weight (kg)	305	305
El cable (m)	9	9
FEATURES		
Filter cleaning system	Filter shaker	Filter shaker
AntiStatic (electrostatic discharge)	•	•
SitDown Container with castor wheels	•	•
M-class hazardous dust approval	•	
H-class hazardous dust approval		•
STANDARD EQUIPMENT		
Safety filter bag, AntiStatic*	Z8 40832	Z8 40832
Star filter element, M-class	Z8 17246	Z8 17246
Absolute filter element, HEPA, Ø410 x 400 mm		Z8 17264
ITEM NO.	Not available in UK	Not available in UK

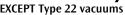
Find the right connection for the accessory



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.







Nilfisk

ALTO

works for you















	AERO 20/25 MAXXI WD 7 ATTIX 30 PC ATTIX 30 PC ATTIX 30 PC ATTIX 50 PC EC ATTIX 50 PC EC ATTIX 50 PC EC ATTIX 50 PC EC ATTIX 51-21 ED ATTIX 751-21 ED ATTIX 751-21 EC ATTIX 751	ATTX 751-2.M AC ATTX 751-2.M AC ATTX 751-2.M XC ATTX 50-0H PC ATTX 50-0H PC ATTX 50-0H PC ATTX 50-0H AD ATTX 715/125 ATTX 145/155	
Hose set XII	000000000000000000000000000000000000000	000000000	Item No. 63210
3-piece, 36 mm dia. connection			
4 m suction hose, universal, Ø36			25537
Curved hand tube, stainless steel			46691
Adapter			29457
• • • • • • • • • • • • • • • • • • •			· · · · · · · · · · · · · · · · · · ·
Car set 3-piece, 36 mm dia. connection		000000000	63211
Crevice nozzle, plastic, 300 mm Universal nozzle, plastic, 115 mm			6084 14295
Diagonal tube nozzle, rubber			5067
Home & office set	00000000 000000000000000000000000000000		
5-piece, 36 mm dia. connection			
2 x 500 mm extension tubes, aluminium			107400032
Universal nozzle, plastic, 115 mm			14295
Combination nozzle Brush nozzle, plastic, 230 mm			8046 6086
Radiator brush nozzle, plastic			5144
Trade & industry set	00000000 000000000000000000000000000000		63213
5-piece, 36 mm dia. connection			
2 x 500 mm extension tubes, stainless steel			15546
Crevice nozzle, plastic, 300 mm			6084
Large capacity floor nozzle with brush strips, 450 mm Replacement rubber lips, for wet vacuuming			15348 15352
Flat rubber nozzle, oil and heat-resistant, 100 mm			40456
Workshop set ┣ܐ			302000927
6-piece, 36 mm dia. connection			
4 m suction hose, universal, Ø36			25537
Curved hand tube, stainless steel 2 x 500 mm extension tubes, stainless steel			46691
Professional floor nozzle, 360 mm			60356
Crevice nozzle, plastic, 300 mm Diagonal tube nozzle, rubber			6084 5067
שיים בשיים וועצבור, ועששפו			/סעכ
Workshop set, Basic	000000000000000000000000000000000000000		107401367
4-piece, 36 mm dia. connection			
Curved hand tube, chrome			302000528
2 x 500 mm extension tubes, chrome Professional floor nozzle, 400 mm			302000529 302003666
Crevice nozzle, plastic, 300 mm			302003666 6084

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













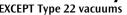


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		AERO 20/25	MAXXI WD 7 ATTIX 30 PC	ATTIX 40 PC INOX	ATTIX 50 XC	ATTIX 50 PC EC ATTIX 50 PC CLEANROOM	ATTIX 751-11	ATTIX 751-61 ATTIX 763-21 ED	ATTIX 761-21 XC	ATTIX /91-21 EC ATTIX 961-01	ATTIX 963-21 ED XC	ATTIX 30-241 SU AC	ATTIX 50-2M PC	ATTIX 751-2M ATTIX 761-2M XC	ATTIX 30-0H PC	ATTIX 50-0H PC	ATTIX 50-2H XC ATTIX 751-0H	ATTIX 965-0H/M SD XC	ATTIX 115 / 125	ATTIX 145 / 155				
Water vacuuming set	H	0	00	000	00	00	00	0 0	00	0 0	0 0	00	0	00	0	0	эc	00	0	0		Iter	n No 772	
3-piece, 36 mm dia. connection																								
2 x 500 mm extension tubes, stainless steel Special floor nozzle, plastic, 400 mm											<u>.</u> .												1554 514	
Crevice nozzle, plastic, 300 mm			-						-														608	34
Oven cleaning set 3-piece, 38 mm dia. connection	F>A>	• • •	00	000	00	00	0		00		00	0	0	 	0	0		0	0	0			1434	 11
4 m suction hose, heat resistant, Ø36																							607	70
2.5 m anodised aluminium extension tube Oven nozzle "XL", 400 mm																							1534 6338	•••••
Animal care set 4-piece, 27 mm dia. connection	<u>(K)A</u>)	0	0 C	000	00	00	0	•••	00	50	0 (0	0		0	0		0	0	0		•••••	609	•••• 95
3.5 m suction hose, universal, Ø27																							1428	89
Spiked currycomb, plastic, for long hair Currycomb, plastic, for long hair								••••															609 609	
Brush currycomb, plastic, for short hair																							609	
Heating boiler cleaning set	(H)A)	0	00	000	0	00	0	••••	00		00	0	0		0	0	o c	0	0	0	•••••	•••••	6043	 30
4-piece, 36 mm dia. connection									••••••															
3 m suction hose, universal, Ø36 Hand tube, stainless steel																							4694 4669	91
Universal nozzle, aluminium, 150mm Crevice nozzle, 920mm, crome-plated																							514 1783	····•
Pipe cleaning set 4-piece, 38 mm dia. connection	F∑A >	••••	00		00	00	0	0	0 (0 0	00	0	0	00	0	0	5 C	00	0	0		•••••	6321	. . 15
4 m suction hose, universal, Ø38 - Ø36																							1536	
2.5 m extension tube, anodised aluminium Pipe cleaning nozzles for 70-120 mm dia. pipes																							1534 796	·····
Pipe cleaning nozzle for 120-220 mm dia. pipes																							805	54
Industrial/floor set 4-piece, 36 mm dia. connection	H>A>	0	00		00	00	00	00	00	00	00		0	00	0	0	с С	00	0	0		•••••	6321	
4 m suction hose, oil-resistant, Ø36																							6177	
Curved hand tube, stainless steel 2 x 500 mm extension tubes, stainless steel																							4669 1554	
Large capacity floor nozzle with rubber lips, 450 mr	m																						1534	19

M-Class H-Class Industrial

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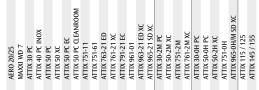






M-Class H-Class Industrial

















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SYSTEM 50

Wet&Dry

M-Class H-Class Industrial

15346 302000188

15345

EXCEPT Type 22 vacuums













Shown, item no.: 302002886



			MAXXI ND 7 ATTX 30 PC ATTX 30 PC NOX ATTX 50 PC ATTX 50 PC ATTX 50 PC EC ATTX 50 PC EC	ATTIX 751-61 ATTIX 751-61 ATTIX 761-21 KC ATTIX 761-21 KC ATTIX 961-01	ATTIX 963-21 ED XC ATTIX 965-21 SD XC ATTIX 30-2M PC ATTIX 50-2M XC ATTIX 751-2M ATTIX 761-2M XC	ATTIX 501-201-201-201-201-201-201-201-201-201-2	ATTIX 115 / 125 ATTIX 145 / 155	
	Elbow, plastic, 90°	A	00000000	00000	000000	00000	00	Item No. 5089
	Adapter, Ø70-Ø50 mm, metal, MultiFit	A					00	4072200392
and the second s	Suction hoses – 50 mm dia. Universal, 1.75 m	B A	00000000	00000	00 00	00	00	19930
11/100	Universal, 4 m		00000000				00	15358
	Oil-resistant, 4 m		0000000	00000	00 00	00	00	6468
	Heat-resistant, 4 m		0000000				00	11061
	Antistatic, 4 m		00000000				00	15815
	Chips, 4 m		0000000				00	15182
	Metal, 4 m		00000000	> 0 0 0 0 0 0	00 00		00	15013
Shown, item no.: 15358								
	Hand tubes – 50-36 mm	•••••	••••••	••••••	••••			•••••••••••••••••••••••••••••••••••••••
	Hand tube, curved, chrome-plated, turnable for connecting 36 mm dia. accessories	<u>>h b</u> >	00000000	00000	00 00) 00	00	15341
	Hand tube, straight, chrome-plated, turnable for connecting 36 mm dia. accessories	<u>>H B</u> >	00000000	000000	00 00	00	00	15342
	Adapter, Ø50/36 mm, plastic	<u>>HB</u> >	00000000	000000	00 00		00	40452
	Extension tubes Curved extension tube, aluminium, 1000mm	<u></u>	00000000	000000	000000		0 0	15335
	Extension tube, plastic, 1050 mm (2 pcs)	<u>></u> B>	00000000	00000	00 00	> 00	0 0	5152
	Fixed suction nozzles, aluminium Large rolling nozzle: alu., 600 mm, with rubber li Large rolling nozzle: alu., 600 mm with brushes	ips A	c	000				302001481 302002886
	Replacement brush strip (1 pcs.) Replacement rubber lips (2 pcs.)							7993 15814
Shown, item no.: 302002886								
	Industrial floor nozzle							
D)	Rubber lips and height adjustable wheels, for wet vacuuming, aluminium, 500 mm wide	B	00000000	00000	00 00	00	00	15344

Replacement rubber lips (2 pcs.)

Replacement wheels (2 pcs.)

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



EXCEPT Type 22 vacuums



SYSTEM 50

MAX4I WD 7 ATTIX 50 PC ATTIX 50 PC INOX ATTIX 50 PC INOX ATTIX 50 PC IE ATTIX 50 PC IE ATTIX 51-61 ATTIX 551-61 ATTIX 751-11 ATTIX 751-21 EC ATTIX 91-21 EC ATTIX 91-21 EC ATTIX 91-21 EC ATTIX 92-21 ED XC ATTIX 92-21 ED XC ATTIX 92-21 ED XC ATTIX 92-91 PC ATTIX 50-21 XC ATTIX

M-Class

H-Class

Industrial





















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m B>	0000000	0000	0000	00		302002880 302003794 302003795
 B>	0000000	0 0 0	0000	00	0000	6077
 B>	0000000	0000	0000	00	0000	5153
B	0000000	0 0 0	0000	00	0000	41100
B	0000000	0000	0000	00	0000	7868
B	0000000	0000	0000	00	0000	7102
 ₿>	0000000	0000	0000	00	0000	19936
B	0000000	0000	0000	00	0000	302002884
B	0000000	0000	0000	00	0000	31244
B>	0000000	0 0 0	0000	00	0000	40458
	m B> B> B> B> B> B> B> B> B>				B 0	B 000000000000000000000000000000000000

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

SYSTEM 38











Shown, item no.: 63380









	MAXXI WD 7	ATTIX 40 PC INOX	ATTIX 50 PC ATTIX 50 XC	ATTIX 50 PC EC	ATTIX 751-11	ATTIX 751-61 ATTIX 763-21 ED	ATTIX 761-21 XC ATTIX 791-21 EC	ATTIX 961-01	ATTIX 965-21 SD XC	ATTIX 30-2M PC ATTIX 50-2M XC	ATTIX 751-2M	ATTIX 761-2M XC	ATTIX 50-0H PC	ATTIX 50-2H XC ATTIX 751-0H	ATTIX 965-0H/M SD XC	ATTIX 115 / 125 ATTIX 145 / 155	
Pipe and oven cleaning Suction hose - 38-36 mm dia.																	Item No.
heat-resistant, 4 m	0.0	0 C	00	00	0 0	0	0 0	00	00	00	00	00	00	00	0	00	6070
universal, 4 m	0 (00	00	00	0	0	00	00	00	00	0	00	0	00	0	00	15365
Extension tube, aluminium	•••••	•••	••••	••••	••••	••••	••••	••••	•••		••••	•••	•••	••••	•••	••••	
with thermal insulation, 2 m EA with thermal insulation, 2.5 m FE	••••••	•••••	00	••••••	••••••	•••••	•••••	••••••	••••	·····		•••••	••••	••••••	•••••••	00	15339 15340
Pipe cleaning nozzle For external cleaning of pipes with	••••	•••	• • • •	••••	• • • •	••••	••••	• • •	• • •	• • • •	•••	• • •	• • •	••••	••	• • • •	
a dia. of 70 - 120 mm	0.0	0 0	00	00	0 0	0	0 0	00	00	оc	0	00	0	00	0	00	7964
a dia. of 120 - 200 mm 💽	0 0	00	00	00	00	0	00	00	00	ос	0	00	0	00	0	00	8054
Oven nozzle, alu. / steel 350 mm wide, Teflon scraper insert	•••••	••• > 0 C	00	•••	. 		• • • • 0 0	00		о с	•••	•		••••	••	00	6079
Replacement scraper insert, Teflon																	6080
Oven nozzle "XL", 400 mm E sturdy nozzle made of stainless steel with stainless steel scraper insert	0 (5 O	00	0 (50	0	0 0	0 0	0	0 C	0	00	0	00	0	00	63380
Replacement scraper insert, stainless steel		••••							••••								64930
Suction hose - 38 mm dia. Universal, 4 m	0 0	 > 0 C	00	00		0 0	0 0	00		0 C	00	00	00	00) O	00	302002796
Antistatic, 5 m	0 0	o o	00	0 0	000	00	00	00	00	ос	0	00	0	00	0	00	107401368
Extension tubes D Stainless steel, 2 x 500 mm	0 (5 O	00	0 0	000	00	00	00	00	0 C	0	00	0	00	0	00	302002888
Hand tube DC Curved stainless steel	0 (5 O	00	00	000	00	00	00	0	o c	0	00	0	00	0	00	302002889
Professional floor nozzle, plastic	•••••	• • •	••••	••••	• • • •	• • • •	• • • •	• • •	• • •		••••		•••	••••	••	• • • •	
Basic, 400 mm, with brushes and rubber lips D Replacement brush set (2 pcs.) Replacement rubber lips (2 pcs.)	0 (00	00	0 (000	00	00	00	00	00	0	00	00	00	00	00	302002798 302003796 302003797
Premium, 450 mm, with brushes and rubber lips D Replacement brush set (2 pcs.) Replacement rubber lips (2 pcs.)	0 (0 0	00	0 (000	00	00	00	00	00	0	00	00	00	00	00	302002799 302003794 302003795
Crevice nozzle, plastic, 300 mm 🔊 🔊	00	5 O	00	0 (000	00	00	00	00	0 C	00	00	00	00	00	00	302002890
Tool adapter, Ø38 – Ø50 mm, 300 mm 🛛 🗩	0 0	50	00	0 (00		00		0 C	00	00	0	00	0	00	302002884

M-Class H-Class Industrial

SYSTEM 36



M-Class H-Class Industrial















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		AERO 20/25 MAXXI WD 7	ATTIX 30 PC ATTIX 40 PC INOX	ATTIX 50 PC ATTIX 50 XC	ATTIX 50 PC EC ATTIX 50 PC CI FANROOM	АТТІХ 751-11 АТТІХ 751-61	ATTIX 763-21 ED	ALTIX 761-21 XC ATTIX 791-21 EC	ATTIX 961-01 ATTIX 963-21 ED YC	ATTIX 965-21 SD XC	ATTIX 30-2M PC ATTIX 50-2M XC	ATTIX 751-2M	ATTIX 761-2M XC	ATTIX 50-0H PC	ATTIX 50-2H XC	ATTIX 965-0H/M SD XC		ATTIX 145 / 155	
Suction hose – 36 mm dia.							•••••												Item No.
•	5 A> 5 A>	•••••••	00	•••••	••••••	· • · · · · · • • · · · ·	••••••	••••	•••••		•••••			••••	••••••	••••	· • · · · · ·		46948 25537
Oil-resistant, 3,5 m with quick system	<u>5 A</u> >	00	00	00	00	00	00	00	00	0	00	0	00	00	00	0	0	0	302001677
Antistatic, 4 m with quick system	5 A> 5 A> 5 A>	00	00	00	0 0	00	00	0 0	00	0	00	0	0	0 0	00	0	0	0	60781 63209 302001682
	1 <u>6</u>) 1 <u>6</u>)	••••••	00	••••••	••••••	••••••	••••••	•••••	•••••		•••••			••••	••••••	•••••••	· · · · · ·		46691 302000528
Hand tube and adapter, turnable for suction hoses with quick system Adapter, plastic <u>></u> F	16>	••••	00	00	•••••		••••	 	 0 C	••• > 0	 o c	••••	•••		0 () O	•••	0	29457
Tool adapter, AntiStatic 🔀	(G)	00	00	00	00	00	00	00	00	0	00	0	00	00	00	0	0	0	302000535
Extension tubes Telescopic tube, stainless steel 550-970 mm long with ratchet mechanism	<u>>H></u>	00	00	00	о с		••••	• • • •	00) ()	00	••••	••		00) O	0	0	47109
Straight extension tube (2 pcs) stainless steel, 2 x 500 mm chromium-plated steel, 2 x 500 mm	∑H> ∑H>		00	•••••	••••••	• •• • • • • • • • • • • • • • • • • • •	••••••	•••••	•••••	•••••••	•••••			••••	••••••	••••	•••••	•••••	15546 302000529
Straight extension tube (2 pcs) aluminium, 2 x 500 mm plastic, 2 x 500 mm)H))H)		00								•••••								107400032 40696
Suction nozzles for floor cleaning Combi-nozzle, plastic, 260 mm, foot operated with thread picker and swivel joint for carpets and smooth floors at home and office	H	00	00	00	00	0	00	50	00	0	0 C	0	0 0	00	00	00	0	0	302000477
Replacement thread picker																			64127
Combi-nozzle, plastic, 250 mm foot operated for carpets and hard floors	H	00	00	00	00	0	00	00	00	0	000	0	0	0	00	00	0	ò	302000962
Office floor nozzle, plastic, 300 mm Foot operated switchover thread picker with big rear wheels for every day use in shops or offices	H	00	00	00	0 C	0	00		00	> 0	000	•••• > 0	00		00	00	0	0	302000259

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

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Accessories for vacuum cleaners EXCEPT Type 22 vacuums

SYSTEM 36









Shown, item no.: 15349









		TOTO OUT	AERO 20/25 MAXXI WD 7	ATTIX 30 PC	ATTIX 40 PC INOX	ATTIX 50 XC	ATTIX 50 PC EC	ATTIX 751-11	ATTIX 751-61 ATTIX 763-21 FD	ATTIX 761-21 XC	ATTIX 791-21 EC	ATTIX 961-01 ATTIV 962 21 ED VC	ATTIX 965-21 SD XC	ATTIX 30-2M PC	ATTIX 751-2M	ATTIX 761-2M XC	ATTIX 30-0H PC	ATTIX 50-2H XC	ATTIX 751-0H	ATTIX 965-0H/M SD XC	ATTIX 145 / 155			
Professional floor nozzle, plastic with brushes and rubber lips, 400 mm Replacement brush strips (2 pcs) Replacement rubber lips (2 pcs)	H >	(00	0 (00	00	00	00	С	0	0 () C	0	00	0	0	00	0	0 (0	00		 1	tem No. 302003666 302003796 302003797
Floor nozzle, aluminium, 330mm Replacement brush insert	H		50	0		0	00	0	•••	0	00	о с	0	00) O	0	00	0	0 (0	00		 	5147 6521
Large area floor nozzle, aluminium, 450 mm Rubber lips and height adjustable wheels for wet vacuuming	H	••••		0	•••	0	00	0		0	00	50	0	00	0	0	00	0	00	0	00		 	15349
Replacement rubber lips Replacement rubber lips oil resistant Replacement wheels (2 pcs) Large area floor nozzle, aluminium, 450 mm Brush strips and height adjustable wheels for dry vacuuming	H	(0 0	0 (0 0	> 0	0 () ()	С	0	0 (00	> 0	00	0	0	00) ()	0 (0 0	0 0			15352 302000186 15345 15348
Replacement brush strips Replacement wheels (2 pcs) Large area floor nozzle, aluminium, 450 mm Special fluff strip and height adjustable wheels for textile floors	₩	(0 0	0 (0 C	0	00) 0	C	> 0	0 0	0 0	> 0	00	0	0	00) 0	0 (0 0) 0			15351 15345 15350
Replacement special fluff strips (2 pcs) Replacement wheels (2 pcs) Water suction nozzle, plastic 300 mm	Ш	••••	 	0.0		0	00	00	o c	> 0	00		0	00)))	0	000) O	0 (•			 	15353 15345 7270
Replacement wheels (2 pcs) Special floor nozzle, plastic, 400 mm Corrugated rubber lips and height adjustable wheels for	••••••••••			0 (0	00	0		> 0	00		> 0	00))))	0	00	0	0 (00	0	• • • • •	 	18794 5149
wet and dry vacuuming, especially at building sites Replacement rubber lips Parquet nozzle, plastic, 300 mm With long and soft horsehair bristles for a gentle and thorough cleaning of sensitive surfaces	H			0 (<u>.</u>	0	00	0	·•··	> 0	00	00	0	00))))	0	000	0	0 0	00	0		 	6114 64195
Electric suction brush, 305 mm With brush and vacuum function, driven by an electric motor connected to a standard equipment socket, 230 V, only -11 and -21 models	H>		 	00	• •	0	00	0	••••	0	0		0	00	0	0	00) ()) ()	•••	••		•••••	 	11664

M-Class H-Class Industrial

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SYSTEM 36













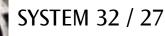




		AERO 20/25 MASAY ND 7 ATTX 30 PC ATTX 30 PC ATTX 50 PC ATTX 50 PC ATTX 50 PC ATTX 50 PC ATTX 51-61 ATTX 51-61 ATTX 763-21 ED ATTX 763-71 ED A	ltem No.
Turbine carpet suction brush, plastic, 300 mm With brush and vacuum function, vacuum-driven, with suction power control and cleaning flap	H	00000000 000000000000000000000000000000	54118
Tubine hand suction brush, plastic, 150 mm For textile coverings, upholstered furniture, etc., vacuum-driven, with integrated swing out crevice nozzle	H		41275
Brush nozzle, plastic, 230 mm long For delicate parts, upholstery and furniture	H	<u> </u>	6086
Suction brush, plastic 70 mm With nylon bristles, for dashboards, etc.	H	00000000 000000000000000000000000000000	5146
Oval brush, plastic, 240 mm For cleaning delicate parts with large surfaces	H	<u> </u>	40455
Suction nozzles Radiator brush nozzle, plastic For radiators, blinds, etc.	H	00000000 000000000000000000000000000000	5144
Universal nozzle, aluminium, 150 mm	H>	000000000000000000000000000000000000000	5145
Universal nozzle, plastic, 115 mm With brush insert, for car upholstery, carpets, etc.	H	00000000 000000000000000000000000000000	14295
Crevice nozzle, plastic, 300 mm Shock and abrasion-proof	H	000000000000000000000000000000000000000	6084
Crevice nozzle, chrome-plated, 920 mm For oven and boiler cleaning	H	000000000000000000000000000000000000000	17836
Diagonal tube nozzle, rubber For vacuuming machines, etc., abrasion-proof	H	000000000000000000000000000000000000000	5067
Rubber nozzle, flat, 100 mm Oil and heat-resistant	H		40456

EXCEPT Type 22 vacuums





SALTIX 3 SALTIX 3 MARK 20125 ATTIX 30 FC ATTIX 30 FC ATTIX 50 FC ATTIX 51-61 ATTIX 55-11 FD ATTIX 56-11 FC ATTIX 56-21 ED ATTIX 56-21 EC ATTIX

M-Class H-Class

Industrial

147 0745 010

147 0746 010

140 8618 000

302002892

302004000

302004004

302002404

302000728

302000804

302001480

302001629 302003723

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30082





Antistatic, 32 mm dia., 5 m, with tool adapter KA Antistatic, 32 mm dia., 5 m, with tool adapter KA Antistatic, 27 mm dia., 3.5 m, with tool adapter KA Antistatic, 27 mm dia., 3.5 m, with tool adapter KA Antistatic, 27 mm dia., 3.5 m, with tool adapter KA Antistatic, 27 mm dia., 3.5 m, with tool adapter KA Antistatic, 27 mm dia., 5 m, with tool adapter KA Antistatic, 27 mm dia., 5 m, with tool adapter KA Antistatic, 27 mm dia., 5 m, with tool adapter KA Antistatic, 27 mm dia., 5 m, with tool adapter KA Antistatic, 27 mm dia., 5 m, with tool adapter KA Antistatic, 27 mm dia., 5 m, with tool adapter KA Antistatic, 27 mm dia., 5 m, with tool adapter KA Antistatic cools in combination with airbox. Animal care nozzles Spiked currycomb, plastic, for long fur K Replacement spiked currycomb insert Antistatic, for long fur K Replacement currycomb insert Brush currycomb, plastic, for short fur K Antistatic for short fur	Suction hoses – 32/27 mm dia.				Item No.
Universal, 27 mm dia., 3.5 m, with tool adapter Image: State Sta		× A	000000000	000000000000000000000000000000000000000	30657
Antistatic, 27 mm dia., 3.5 m, with tool adapter KA 0000000 000000000000000000000000000000000000	•••••••••••••••••••••••••••••••••••••••				
and air hose. For use with pneumatic tools in combination with airbox. Animal care nozzles Spiked currycomb, plastic, for long fur K 0000000 000000000000000000000000000	······				15325
For use with pneumatic tools in combination with airbox. Animal care nozzles Spiked currycomb, plastic, for long fur K Currycomb, plastic, for long fur K O Currycomb, plastic, for long fur K O Brush currycomb, plastic, for short fur K O </td <td>· · · · · · · · · · · · · · · · · · ·</td> <td><u>>k a></u></td> <td>0000000</td> <td>000 000000000</td> <td>107400841</td>	· · · · · · · · · · · · · · · · · · ·	<u>>k a></u>	0000000	000 000000000	107400841
Spiked currycomb, plastic, for long fur K 00000000000000000000000000000000000		airbox.			
Replacement spiked currycomb insert 15038 Currycomb, plastic, for long fur Image: Currycomb, plastic, for short fur Brush currycomb, plastic, for short fur Image: Currycomb, plastic, for short fur	Animal care nozzles	•••••	•••••	•••••••	•••••••••••••••••••••••••••••••••••••••
Currycomb, plastic, for long fur Image: Currycomb, plastic, for long fur Image: Currycomb, plastic, for short fur Image: C	piked currycomb, plastic, for long fur	K	000000000	0000000000000000	6094
Replacement currycomb insert 15037 Brush currycomb, plastic, for short fur Image: Construct of the state	Replacement spiked currycomb insert				15038
Brush currycomb, plastic, for short fur 📧 0000000 000000 00000000000000000000	Currycomb, plastic, for long fur	K	000000000	000000000000000000000000000000000000000	6092
	Replacement currycomb insert				15037
Replacement brush currycomb insert 15039		K	000000000	000000000000000000000000000000000000000	6093
	Replacement brush currycomb insert				15039

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BAGS & FILTERS

Filter bags

Filter bags, paper (3 pcs)

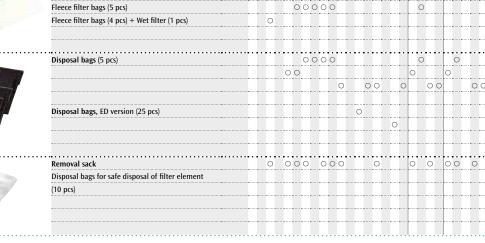
Filter bags, paper (3 pcs) Filter bags, paper (10 pcs)

Fleece filter bags (5 pcs)

Fleece filter bags (5 pcs)







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



M-Class H-Class Industrial

EXCEPT Type 22 vacuums



BAGS & FILTERS









Shown, item no.: 302000490



Shown, item no.: 302002842







Shown, item no.: 302000606



Shown, item no.: 140 9512 500

	SALTIX 3 SALTIX 3 AERO 20/25 MAXXI WD 7 ATTIX 30 PC ATTIX 30 PC ATTIX 50 PC CL ATTIX 50 PC CL ATTIX 50 PC CL ATTIX 51-61 ATTIX 753-161 ATTIX 753-161 ATTIX 753-161	ATTIX 761.21 XC ATTIX 761.21 XC ATTIX 961.21 EC ATTIX 961.21 EC ATTIX 963.21 ED XC ATTIX 965.21 SD XC ATTIX 965.21 SD XC ATTIX 59.24 MC ATTIX 30-04 PC ATTIX 30-04 PC ATTIX 51.24 XC ATTIX 30-04 PC ATTIX 51.24 XC ATTIX 51.24 XC ATTIX 51.24 XC ATTIX 51.24 XC	
Filter support bags			Item No.
Cotton bag, reusable, prevents burst of filter bag while vacuuming fine dust	0	000 0 00	302000200
Safety filter bag (5 pcs) Filter material BIA-tested		0 0 00	302001486 302003473 107400233 107400236
Filter elements	•••••••••••••••••••••••••••••••••••••••	••••••	•
PET fleece, washable Ø185 x 140 mm, 0,3 m² Paper/glass fibre, H-class, Ø211 x 140 mm, 0,8 m²	0 000 0 0 0	0 0 0 00 0	302000490 302000658
PET Nano-fibre, washable, Ø275 x 187 mm, 0,8 m² Paper/glass fibre, H-class, Ø275 x 187 mm, 1,0 m²	C	0 000 0	107400562 O 107400564
PET fleece, washable Motor filter	0 0		140 8686 500 140 8682 500
Micro filter element, HEPA tested, Grade H14, Ø185 x 140 mm, 0,3 m²	0 000 0 0	0	302001095
Motor filter	0		147 0670 500
Flat filter, PET Nano-fibre, washable (2 pcs), 0,5 m² Flat filter, paper/glass fibre, H-class (2 pcs), 0,5 m²	0	0	302002842 107400449
Filter element protective cover Cloth filter for protection of the filter cartridge Best suitable for dust with fibres and for coarse dust	0 000 000	0 0 0 00 0	11801
wet filter sieve, stainless steel	000 0 00	0 0 0	15475 302002885
Cloth filter insert, special Needle felt, plastic coated. Best suitable for very fine dust, hygroscopic dust and adhesive dust High level filtration efficiency	00000	0 0 0 0 0	302000606 302000525 302002894
Filter sack – MAXXI WD 3 Filter sack – MAXXI WD 7	0		140 8658 500 140 9512 500
Sack filter, inner Sack filter, outer	0		147 0663 500 147 0678 500

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

EXCEPT Type 22 vacuums



OTHER ACCESSORIES

AERO 20/25 MXXX 100 7 ATTX 30 PC ATTX 40 PC INOX ATTX 40 PC INOX ATTX 50 XC ATTX 50 XC ATTX 50 XC ATTX 51511 ATTX 751-11 ATTX 751-11 ATTX 751-11 ATTX 751-11 ATTX 751-11 ATTX 751-11 ATTX 751-21 ATTX 962-21 SD XC ATTX 962-21 SD XC ATTX 962-21 SD XC ATTX 962-21 SD XC ATTX 751-0H ATTX

M-Class H-Class Industrial







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Exhaust air collector	A	000000	0.0	000	Item No. 302003717
Allows you to connect your hose for blowing, or connect to an exhaust pipe to the outside		0 0	00 00		302000522
I CONTECT to an CATAGOS pipe to the outside					502000.222
			000	0	302002621
Aotor cooling air filter kit Replacement filter (1 pcs)		000000	00	000	302003721 107400453
eplacement linter (1 pc)		000000			1U/1U/1
totor cooling air filter kit eplacement filter (5 pcs)		• • • • • • • • • • • • • • • • • • • •	0 0 0 C 0 0 0 C		302000491 302001871
lotor cooling air filter, PET fleece			000	0	107400041
park extinguisher		00000 0 0	00 0000		34591
uppresses sparks before they enter the machine IOT for B1, Type 22 machines					
torage box for suction hose teel box for safe and convenient storage of		0000000000000	<u></u>	00000000	302001554
uction hose, tubes and nozzles.					



M-Class H-Class Industrial



OTHER ACCESSORIES

с сс с стеликоом -11 -21 ED -21 EC -21 EC 01 21ED XC 21SD XC M RC 22M XC 22M XC 22M XC 14 PC 01 H PC 01 125 01/125 XON







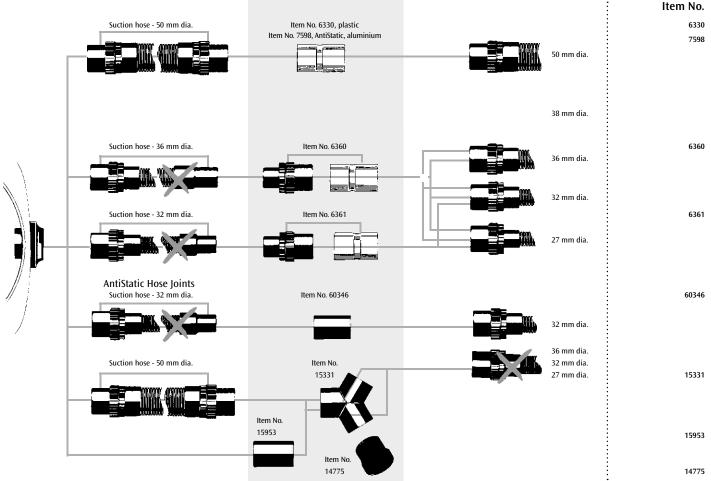




	AERO 20/25 MAXXI WD 7 ATTIX 30 PC ATTIX 50 PC IN ATTIX 50 PC CI ATTIX 50 PC CI	АПТХ 751-01 АПТХ 751-61 АПТХ 763-21 АПТХ 761-21 АПТХ 91-21 АПТХ 963-21	ATTIX 965-21 ATTIX 30-2M I ATTIX 50-2M) ATTIX 751-2M	АТТК 30-0H Р АТТК 50-0H Р АТТК 50-0H Р АТТК 51-0H АТТК 751-0H АТТК 751-0H АТТК 715 / 12 АТТК 145 / 15	
Hose holder Convenient, organized storage for your short or long suction hose		00 00	0 0	0	Item No. 65081
orklift disposal device				0	302002622
ntainer ATTIX 9 SD Complete			0	0	302003127
ccessory net eeps your accessories close at hand		0 0000	000	0	302000524
ccessory basket eeps your acceesories close at hand				0	302002624
ccessory organizer	0				302002407
iip basket Illect large debris when wet vacuuming		0 00 0 0	••••••••••••••••••••••••••••••••••••••	00	302001612 302001434 302003003
r box 230 v 110/120 hen connected to the AutoOnOff receptacle on a					302001192 302001474
cuum cleaner, and to a pneumatic tool, e Air box will turn the machine on and off itomatically with the tool, only for -21 2H/M models. ecommended for use in combination th co-axial hose 32 mm dia.					
230 V 110/120			0000	000	107400079 107400394

Hose connection and distributors





Suction hoses



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

Antistatic Colour: To use:

Colour:

To use:

Black, Ø27, Ø32, Ø36, Ø50 Temperature at -50 to +60°C

Oil-resistant Colour:

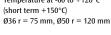
To use:	
Bend radiu	s:

Brown, Ø36, Ø50
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



Heat-resistant Colour: To use: Bend radius:

Brown, Ø36, Ø50 Temperature at -60 to +120°C





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





Chips, abrasive Colour: Transparent, Ø50 To use: Temperature at -40 to +90°C (short term +125°C) Bend radius: Ø60 r = 60 mm

Special for metal shavings, glass, sliver and other materials, oil-resistant, antistatic, aluminium sleeves and steel wire coil

Suction hose systems EXCEPT Type 22 vacuums





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Lengths as	required	Nozzle side sleev	е	••••••	By the metre – max 20 m	Vaccum	side sleeve	Complete	
				Item No.	Item No.		Item No.	Length m	Item No.
System 70	Universal		<u> 70</u>	42419	34947***	Ø70)	34955		
			•••••	••••••					
System 50	Universal		B	15101	11984	A	15101	•	▲ 19930 ▲ 15358
	Oil-resistant	-	∑B	15101	14238	A	15101	•	A 6468
	Heat-resistant	Aluminium	B	7162	14238		••••••	•	A 11061
	Antistatic	Aluminium	∑B ∑B	15811	7599		15811	•	A 15815
	Chips Metal			33435	15309		14630	•	▲ 15182 ▲ 15013
System 38	Universal		×	302002887	107400052 (only available in roll of 20 m)	A	107400049	4 <u>>c</u>	A > 302002796
	Antistatic							5 20	A > 107401368
System 36	Universal			46690*	11985	A	15102	•	▲> 46948*
	0il-resistant		G	46690*	6429	 	15102	•••••••••••••••••••••••••••••••••••••••	A 25537* A 302001677*
	Heat-resistant	Aluminium	∑ U ∑E]	7674**	•		7673	•	A 6070**
	-	Anti-kink spring	∑E]	14194**		•		•	
	AntiStatic		∑G	46690*	15312		15812	4 <u>S</u>	▲ 60781* ▲ 63209*
	Electric tool	Connection DN 33-36 DIN 44717, DN 35-40 AS	<u>>k</u>	48070 48750				5) (6	A> 302001682*
System 32	Universal		 	46947*	14240****	A	15103		
						•			
	Antistatic	Hand tube Electric tool	∑H ∑K	60911 30971	43502	A	30928	•	A 302000473 A 30657
			•••••						
System 27	Universal Antistatic	Electric tool Electric tool	<u>>k</u>	18195 18195	15307 15326		•••••••	•	A 14289 A 15325
		:				:		:	

Accessories for health & safety vacuum systems TYPE 22



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















Shown, item no.: 302000490



11- 11-	with the appropriate standards for ATEX Zone 22 or Zone 2. ONLY TYPE 22 accessories must be used to ensure continued conformity to the standards.	ATTIX 40-0M PC TYPE 22	ATTIX 791-2M/B1 ATTIX 995-0H/M SD XC TYPE 22	
	Safety filter bag (5 pcs)			Item No.
	2-ply, with film bag, BIA-tested, with sealing cap,	0		107400236
	for dust-free disposal of substances with TLV values		0	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
×				
		-		· · · · · · · · · · · · · · · · · · ·
	(40 pc)			
	Removal sack (10 pcs) Disposal bags for safe disposal of filter elements	0	C.	30082
				•••••••••••••••••••••••••••••••••••••••
	Disposal bags (5 pcs)	0	0 0	302001480 302000804
				Συζυυνουτ
••••	Filter element	•••••	Ľ	•••••••••••••••••••••••••••••••••••••••
	Paper/glass fiber, H-class, Ø275 x 187 mm, 1,0 m² PET fleece, washable, Ø185 x 140 mm, 0,3 m²	0	0	107400564 302000490
	PET meece, washabile, ארא ארא ארא ארא ארא ארא ארא ארא ארא אר	Ŭ	5	JULUUUTJU
••••	Motor cooling air filter kit	0	••••	302003721
	Replacement filter fleece (1 pcs)	0		107400453
	Motor cooling air filter kit		0	302000491
	Replacement filter fleece (5 pcs)		0	302001871
	Motor cooling air filter, PET fleece		0	107400041

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

Accessories for health & safety vacuum systems TYPE 22







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			ATT	Η	μ	μ	ATT	
Connection – 50 mm dia.		Length						Item No.
Reducer B1		70-50 mm				0	0	4072200400
Suction hose with connection sleeves, electrically conductive < 10 ⁶ ohms		4 m	0	0	0	0	•••••••••••••••••	43245
Chip suction hose, with connection sleeves, abrasion-resistant		4 m 8 m	•••••	• • • • • • • • •		0	•••••••••••••••••	42825 63710
		8 m 12 m	•••••	••••••		0	•••••••	63711
		20 m	•••••	• • • • • • • • •		0	•••••••••••••••••	63713
								-
							_	42020
Metal suction hose, heat-resistant up to 150°C, with connection sleeves Extension tube, curved, stainless steel, galvanised		4 m 1100 mm	•••••	• • • • • • • • •		0	••••••	42830 33609
Suction brush, plastic		1100 11111	•••••	• • • • • • • • •		0	••••••	42831
Industrial roller nozzle with brush strips		500 mm	•••••	••••••		0	•••••••	42834
Large rolling nozzle, aluminium		600 mm		-	0	-	-	302002886
		600 mm		0				302001481
Coarse dirt nozzle, aluminium		200 mm	•••••	••••••		0	••••••	42835
Diagonal tube nozzle, rubber		330 mm	•••••	••••••		0	••••••	42836
Crevice nozzle, plastic		430 mm 350 mm	•••••	••••••		0	••••••	42837
Rubber nozzle, round Rubber nozzle, flat		200 mm	•••••	••••••		0	••••••	42838 42839
		200 11111			0			42039
Connection – 36 mm dia.		••••••	• • • • • •	• • • •	••••	•••	••••••	
Suction hose with connection sleeves, electrically conductive $< 10^6$ ohms		4 m	0	0	0	0	0	44193
Extension tube, straight, stainless steel		950 mm	0	0	0	0	0	46982
Curved hand tube, stainless steel		480 mm	0	0	0	0	0	44188
Brush nozzle, plastic		230 mm	0	0	0	0	0	44191
		450	~					20200200
Large-capacity floor nozzle, with brush strips and height adjustable wheels Replacement brush strips		450 mm	.0			0	0	302000369 15351
						••••••		10001
		200						
Crevice nozzle, plastic	-	290 mm	0	0	0	0		44192
Tube cleaning nozzle		70-120 mm	0	0	0	0	0	48066
Tube cleaning nozzle		120-200 mm	0	0	0	0	0	48067
			_					707000777
Diagonal tube nozzle, rubber			0	0	0	0	0	302000227
			_	_			_	
B1 set for spark-free vacuum cleaners 6-piece, connection 36 mm. dia., 4 m suction hose, antistatic, curved hand			0	0	0	0	0	48907
tube, extension tube, large capacity floor nozzle,				•••••				
crevice nozzle, brush nozzle								
Connection – 32 mm dia.		••••••				•••		
Suction hose, electrically conductive < 10 ⁶ ohms		5 m	0	0	0	0	0	48131
Connection – 27 mm dia.		••••••				•••		
Suction hose, electrically conductive < 10 ⁶ ohms	XX AX	3.5 m	0	0	0	0	0	48132

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

Carpet extractors

HOME CLEANER / TW





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.

TW 300 CAR - Not Available in UK

- **HOME CLEANER** The all-round cleaner for carpets, upholstery and
- furniture. Both wet & dry vacuuming. Mains-powered.

- TW 300 Low centre of gravity.
- · Clear lid on recovery tank.
- Compact spray extraction unit with extensive accessory package.
 Rugged tanks.
 Super suction power.

- Mains-powered.

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
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, 2 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



ANER















	HOME GLEAN TW 300 CAR	
Standard equipment		Item No.
Spray and suction hose complete		
With sleeves, nipple and coupling Ø32 mm, 3 m		
Suction hose, Ø 32 mm, 3 m	••	34484
Suction hose, Ø 32 mm, 3 m	•	48331
Spray hose	•••	7359
Tuber and carret eductor	•••••••••••••••••••••••••••••••••••••••	•••••••••••••••••••••••••••••••••••••••
Tubes and carpet adapter Nozzle x 1, 260 mm, stainless steel tube	0 • 0	7310
Nozzle x 1, 260 mm, stainless steel tube	000	303000045
Nozzle x 1, 300 mm, with 4 spray tips	0 0 0	15747
		•••••••••••••••••••••••••••••••••••••••
Upholstery tool Plastic, with internal nozzle	0 •	6696
Aluminium with external nozzle	0	7335
Universal nozzle, plastic	•	14295
		•••••••••••••••••••••••••••••••••••••••
Pre-spray lance	0 0 0	11553
With 10 m spray hose, nipple and coupling		
		•••••
Yacuum cleaner set	0 0 0	7341
Consists of:		0046
Combi nozzle Water vacuuming nozzle		8046 7270
Universal nozzle		14295
Crevice tool		6084
Suction brush		5146
Vacuum cleaning tube		11551
Curved hand tube, plastic		48332
Dust bag for 13 L (10 pack)		6695
	0 0 0	
Extension tubes, Ø36, 2 pcs.	•	15546
Combinerale alertic	• • •	202000477
Combi nozzle, plastic	• 0 0	302000477
		-
Water vacuuming nozzle, plastic, 300 mm	0 0 0	63992
Crevice tool, plastic	• 0 0	6084
		דטעט
Suction nozzle	• • • •	47895
Suction brush, plastic	• 0 0	5146
• Can be used. • Standard equipment		43

○ Can be used.

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• Standard equipment

Nilfisk-ALTO Floor Cleaning Equipment



Brush and pad guide



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.

The Twister[™] pads solution

Mounted on Nilfisk-ALTO floor care equipment, Twister[™] pads can clean and polish a variety of floors without the use of chemicals, thanks to billions of microscopic diamonds. All you need is water.

Most Nilfisk-ALTO cleaning machines can be fitted with Twister[™] pads to provide our customers worldwide with an environment-friendly floor cleaning solution that reduces cleaning costs, minimises environmental impact, and yet delivers a superb cleaning result. This mechanical cleaning method cleans and polishes floors by means of diamondcoated Twister[™] pads and water only.

- Twister[™] diamond pads are so effective that no cleaning chemicals are necessary.
- Independent tests show that this environment-friendly method delivers shiny floors that are easier to clean.

The Twister[™] solution can be applied to a variety of floor surfaces such as vinyl composition tile, vinyl, linoleum, marble, terrazzo, concrete, ceramic tiles and epoxy.

The Nilfisk-ALTO SCRUBTEC Series



The SCRUBTEC range of walk behind scrubber dryers

Nilfisk-ALTO offers a comprehensive range of walk-behind scrubber dryers for perfect quality combined with numerous features. In fact, Nilfisk-ALTO walk-behind scrubber dryers save more than just time: they bring cost savings from easy maintenance and operation - not to mention low running costs. Our experience offers you proven results in durability, ergonomics, performance, productivity, service and safety.

Nilfisk-ALTO walk-behind scrubber dryers mean perfect cleaning in next to no time. All models 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. Whether used on public areas or factory floors with built-up grease, oil or other kinds of dirt, they will leave the floor clean and dry. Supreme water pick-up, reliability and simplicity in daily use/maintenance and the ability to reverse with the squeegee down are just some of the features.

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.

The SCRUBTEC range of ride-on scrubber dryers

Our ride-on scrubbers give you perfect quality combined with a number of additional features. Time-tested technology ensures efficient and economical application. In fact, Nilfisk-ALTO ride-on scrubbers save more than just time: you will also profit from their easy maintenance and operation – not to mention eco-friendly functioning. Nilfisk-ALTO ride-on scrubbers mean perfect cleanliness in next to no time. 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. Colour is vital! Select the right pad for the job using the simple colour code: the lighter the colour, the gentler the application. Black pads should accordingly be used primarily to thoroughly clean extremely dirty areas. In accordance with their specific power, our ride-on scrubbers are equipped with different batteries.

No matter what your choice, our scrubber dryers scrub the floor quietly, efficiently and quickly, vacuum up liquid and leave the floor dry, streak-free and spotlessly clean – all in a single pass.





The SCRUBTEC BOOST range.

The unique BOOST[™] pad is rectangular and provides consistent contact across the cleaning path. Its orbital motion requires less pad pressure and attacks dirt from multiple directions as it passes over the floor. Efficient use of the cleaning solution results in water savings of 50% to 70% with BOOST[™], reducing waste water removal costs and protecting the environment.

- Overall savings from using BOOST[™]:
- 50% 70% less water consumption.
- 50% 70% less chemical consumption.
- 25% increase in battery runtime.
- 40% increase in pad life.
- Less downtime thanks to fewer empty and refill cycles.
- Cleaner floors mean more effective burnishing to extend strip and recoat cycles.
- Reduced sound levels to improve operator safety.

The Nilfisk-ALTO FLOORTEC Series





The FLOORTEC range of walk-behind sweepers.

FLOORTEC walk-behind sweepers are the most effective solution for dust-free sweeping in confined areas. Rugged design, low sound level and dust-free sweeping for both indoor and outdoor use. A powerful vacuum motor captures dust in the large filter. Models available for use indoors and out and for cleaning large carpeted areas. For optimum capacity, the FLOORTEC 560 walk-behind sweeper uses the overthrow system, which means the main broom fills the hopper from the top. The rugged design and durable polyethylene construction make these machines very robust. FLOORTEC walkbehinds are the ideal solution for small to medium sized cleaning jobs such as service stations, car parks, 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.



The FLOORTEC range of ride-on sweepers.

Our ride-on sweepers give you perfect quality combined with a number of additional features. Time-tested technology ensures efficient and economical application. The FLOORTEC range of ride-on sweepers means comfortable sweeping of large areas or narrow spaces in next to no time. Using sub-atmospheric pressure, the swirled-up dust is channelled to the filter system and then transferred via the filter shaker into the hopper. Quality, durability and reliable performance combined with innovative features and functional benefits increase productivity when cleaning. The FLOORTEC range of 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. The range consists of robust sweepers designed to withstand tough working conditions – in- or outdoors. 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. Some models offer a high dump system for easy emptying. Typical applications include medium to large sized service stations, car parks, playgrounds, shopping malls, sports centres, factories and warehouses. Perfect ergonomics, user-friendly operation and low maintenance costs are among other significant advantages.

The Nilfisk-ALTO SPINTEC Series

The Polisher / Burner range.

The Nilfisk-ALTO single disc polisher range is the ideal solution 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. In fact, any kind of floor.

Our range of efficient, single disc machines and burnishers offers efficient scrubbing, stripping, polishing and spray cleaning - for longer lasting and better looking hard floors. Our burnisher offers high speed combined with special detergents, which creates heat to burnish a glossy and highly resistant coating on the floor. A clean and shiny floor is one of the most decisive criteria for retail customers.



Small scrubber dryers





SCRUBTEC 233



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.

SCRUBTEC 233

- 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 extension lead.
- Dual squeegees for cleaning both forward and reverse.
 Also available with optional Off Aisle Carpet/Hard Floor
- Kit 9097575000.

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TECHNICAL DATA	SCRUBTEC 233
Cleaning width (mm)	330
Squeegee width (mm)	385
Theoretical surface performance (m ² /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 (m)	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 to use	
STANDARD EQUIPMENT	
Brushes, 2 pcs.	9097242000
Squeegees, 2 pcs.	9097542000
ITEM NO.	9087236020

Small scrubber dryers

SCRUBTEC 337



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



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

SCRUBTEC 337

- · Clear recovery lid.
- No tool squeegee blade change.
- No tool brush removal.
- · Low noise level.
- Ergonomic, adjustable and foldable handle.
 Strong handle lock.
 Extremely compact.

- Easy cleaning, refilling and emptying of the removable solution/recovery tank.

- Easy transport and storage.
 Large carrying handle on tanks.
 Battery powered and ideal for small areas.
 Two tank system.

TECHNICAL DATA	SCRUBTEC 337
Cleaning width (mm)	370
Squeegee width (mm)	470
Theoretical surface performance (m ² /h)	1480
Working Speed (km/h)	4
Tank capacity solution/recovery (I)	10/11
Power source, battery (V)	12
Brush pressure (kg)	18
Brush motor (W)	240
Brush speed (RPM)	140
Vacuum motor power (W)	200
Traction motor power (W)	Brush assist
Dimensions L x W x H (mm)	730 x 435 x 550
Weight with battery (kg)	72
FEATURES	
Battery version	
On-board charger	
Delivered ready to use	
STANDARD EQUIPMENT	
Brush	
Battery	
Squeegees	
ITEM NO.	ТВА



SCRUBTEC 343



SCRUBTEC 343 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 offers high brush pressure and large tank capacity in a compact and modern design.



SCRUBTEC 343 is the ideal solution for supermarkets & shops, garages and car showrooms, schools, restaurants and cafeterias, administration and state buildings, food industry, industrial facilities etc.

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

Name and Allan

TECHNICAL DATA	SCRUBTEC 343 E	SCRUBTEC 343 B OBC	SCRUBTEC 343 B COMBI
Cleaning width (mm)	430	430	430
Squeegee width (mm)	700	700	700
Theoretical surface performance (m ² /h)	1720	1720	1720
Working Speed (km/h)	4	4	4
Tank capacity solution/recovery (I)	31/31	31/31	31/31
Power sourse (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 power (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 to 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.	908 7120 020	908 7118 020	908 7117 020

Medium scrubber dryers

SCRUBTEC 545



SCRUBTEC 545 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.



Parabolic break-away squeegee with wheels that can be adjusted without the use of any tools. Interchangeable squeegee blades without using tools.

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

TECHNICAL DATA	SCRUBTEC 545B COMBI	SCRUBTEC 545 BL	SCRUBTEC 545 BL COMBI
Cleaning width (mm)	450	450	450
Squeegee width (mm)	760	760	760
Theoretical surface performance (m ² /h)	2025	2025	2025
Working Speed (km/h)	4	4.5	4.5
Tank capacity solution/recovery (I)	42/42	42/42	42/42
Power source, battery (V)	24	24	24
Brush motor (W)	480	480	480
Brush pressure (kg)	23/33	23/33	23/33
Vacuum motor power (W)	370	370	370
Traction motor power (W)	Brush assist	200	200
Dimensions L x W x H (mm)	1150 x 510 x 1050	1150 x 510 x 1050	1150 x 510 x 1050
Weight with batteries (kg)	137	152	152
FEATURES			
Battery version	•	•	•
On-board charger	•	0	•
Chemical mixing system	0	0	0
Traction drive		•	•
Adjustable brush pressure	0	•	•
Delivered ready to use	•		•
STANDARD EQUIPMENT			
Squeegee	909 6851 000	909 6851 000	909 6851 000
2 x battery, 70 Ah, maintenance free	80564300		80564300
On-board charger	909 6739 000		909 6739 000
Brush	L08837020		L08837020
ITEM NO.	9087172020	9087173020	9087175020



SCRUBTEC 553

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 a grey non-marking protective wheel on brush deck.

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

TECHNICAL DATA	SCRUBTEC 553 E	SCRUBTEC 553 B COMBI	SCRUBTEC 553 BL COMBI
Cleaning width (mm)	530	530	530
Squeegee width (mm)	760	760	760
Theoretical surface performance (m ² /h)	2120	2120	2385
Working Speed (km/h)	4	4	4.5
Tank capacity solution/recovery (I)	42/42	42/42	42/42
Power source (V-Hz)	220/240-50/60		
Power source, battery (V)		24	24
Brush motor (W)	1100	480	480
Brush pressure (kg)	32	25	25/35
Vacuum motor power (W)	550	370	370
Traction motor power (W)	Brush assist	Brush assist	200
Dimensions L x W x H (mm)	1185 x 541 x 1050	1185 x 541 x 1050	1185 x 541 x 1050
Weight with batteries (kg)	134, without battery	137	152
FEATURES			
Cable version	•		
Battery version		•	•
On-board charger		•	•
Chemical mixing system	0	0	0
Traction drive			•
Adjustable brush pressure		0	•
Delivered ready to use		•	•
STANDARD EQUIPMENT			
Squeegee	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.	9087185020	9087178020	9087181020

Medium scrubber dryers

SCRUBTEC 651



SCRUBTEC 651 is a medium-size walk-behind cylindrical scrubber dryer. Included features are low noise level, and the dashboard is designed to reduce typical operator errors. Suitable for efficient floor cleaning in 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 make it very easy to clean.



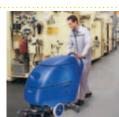


- Solution brush off in neutral.
- 55 L solution and recovery tanks.
- Large access to recovery tank speeds up cleaning time.
- Adjustable scrubbing pressure provides the best results under all conditions.

TECHNICAL DATA	SCRUBTEC 651 BCL	SCRUBTEC 651 BCL COMBI
Cleaning width (mm)	510	510
Squeegee width (mm)	760	760
Theoretical surface performance (m ² /h)	2860	2860
Working Speed (km/h)	5.6	5.6
Tank capacity solution/recovery (I)	55/55	55/55
Power source, battery (V)	24	24
Brush motor (W)	2 x 400	2 x 400
Brush pressure (kg)	28	28
Vacuum motor power (W)	370	370
Traction motor power (W)	200	200
Dimensions L x W x H (mm)	1250 x 575 x 1090	1250 x 575 x 1090
Weight with batteries (kg)	158	158
FEATURES		
Battery version	•	
On-board charger	0	•
Wet sweep function	•	•
Chemical mixing system	0	0
Traction drive	•	
Delivered ready to use		
STANDARD EQUIPMENT		
Squeegee	909 6851 000	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.	9087192020	9087194020



SCRUBTEC 653



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.



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.



- 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.

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	t

TECHNICAL DATA	SCRUBTEC 653 B	SCRUBTEC 653 BL	SCRUBTEC 653 BL COMBI
Cleaning width (mm)	530	530	530
Squeegee width (mm)	760	760	760
Theoretical surface performance (m ² /h)	2120	2970	2970
Working Speed (km/h)	4	5.6	5.6
Tank capacity solution/recovery (I)	55/55	55/55	55/55
Power source (V-Hz)			
Power source, battery (V)	24	24	24
Brush motor (W)	480	480	480
Brush pressure (kg)	25	25/40	25/40
Vacuum motor power (W)	370	370	370
Traction motor power (W)	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
Weight with batteries (kg)	144	158	158
FEATURES			
Battery version	•	•	•
On-board charger	0	0	•
Chemical mixing system	0	0	0
Traction drive		•	•
Adjustable brush pressure	0	•	•
Delivered ready to use			•
STANDARD EQUIPMENT			
Squeegee	909 6851 000	909 6851 000	909 6851 000
2 x battery, 105 Ah, maintenance free			80564400
On-board charger			909 6739 000
Brush			L08837025
ITEM NO.	9087186020	9087189020	9087191020

Medium scrubber dryers

SCRUBTEC 661



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.



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





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

TECHNICAL DATA	SCRUBTEC 661 BL	SCRUBTEC 661 BL COMBI
Cleaning width (mm)	610	610
Squeegee width (mm)	810	810
Theoretical surface performance (m ² /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 motor (W)	2 x 350	2 x 350
Brush pressure (kg)	20/40	20/40
Vacuum motor power (W)	370	370
Traction motor power (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 to 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	9087197020

Large scrubber dryers

SCRUBTEC 8



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.

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

TECHNICAL DATA	SCRUBTEC 866	SCRUBTEC 871	SCRUBTEC 886	SCRUBTEC 871 C
Cleaning width (mm)	660	710	860	710
Squeegee width (mm)	826	890	1040	890
Theoretical surface performance (m ² /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
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.	41600110	41600120	41600130	41600140

Ride-on scrubber dryer

SCRUBTEC R 4



The SCRUBTEC R 4 range of ride-on scrubber dryers bridges the critical gap between walk-behind machines and bigger ride-ons. These machines effectively make the

operator a natural extension of the machine itself. Perfect for use in warehousing, manufacturing, super-markets, garages and showrooms, and other industrial environments.



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





SCRUBTEC R 4

- 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.
 Super compact design makes cleaning of restricted space areas fast and easy.
- · Low noise mode makes daytime cleaning and cleaning of noise-sensitive areas viable.
- Robust and extremely versatile machine suitable for many different application areas
 Ergonomic and low placed inclined foot platform: easy driver access from both sides
- of the machine.

TECHNICAL DATA	SCRUBTEC R 466	SCRUBTEC R 471	SCRUBTEC R 471 C
Cleaning width (mm)	660	710	710
Squeegee width (mm)	890	890	890
Theoretical surface performance (m ² /h)	3960	4260	4260
Working speed (km/h)	6	6	6
Tank capacity solution / recovery (I)	80/80	80/80	80/80
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
Brush size (mm)	2 x 330	2 x 355	2 x 690 Cyl.
Vacuum motor power (W)	420	420	420
Power source, battery (V)	24	24	24
Traction motor power (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	•	•	0
STANDARD EQUIPMENT			
Squeegee	•	•	•
On-board charger	•	•	•
ITEM NO.	ТВА	ТВА	ТВА



SCRUBTEC R 5



SCRUBTEC R 571 S, R 586 S and R 571 CS fun to operate, they are also the ideal solution for high speed scrubbing. They can be configured with different brushes, pads and other options to suit exact customer requirements. There are three models with cleaning paths of 71 cm, 86 cm and 71 cm with two cylindrical brushes.





SCRUBTEC R 571 / R 586

- · High productivity. · Long life gives low maintenance costs.
- Driver comfort.

- Focus on safety.
 Flexible in use.
 Adjustable steering wheel.
 Excellent traction thanks to the rear wheel traction drive.

TECHNICAL DATA	SCRUBTEC R 571 S	SCRUBTEC R 586 S	SCRUBTEC R 571 CS
Cleaning width (mm)	710	860	710
Squeegee width (mm)	838	1016	1060
Theoretical surface performance (m ² /h)	4690	5680	4690
Working speed (km/h)	6.6	6.6	6.6
Tank capacity solution / recovery (I)	110/110	110/110	110/110
Brush motor (W)	1500	1850	2 x 560
Brush pressure (kg)	0 - 102	0 - 102	41 - 59
Brush speed (RPM)	300	300	750
Brush size (mm)	2 x 355	2 x 430	2 x 710 Cyl.
Vacuum motor power (W)	750	750	750
Power source, battery (V)	36	36	36
Traction motor power (W)	450	450	450
Dimensions L x W x H (mm)	1664 x 840 x 1260	1664 x 900 x 1260	1664 x 840 x 1260
Weight with batteries (kg)	646	655	655
FEATURES			
Battery version	•	•	•
On-board charger	•	•	•
Chemical mixing system	0	0	0
Wet sweep function			•
Adjustable brush pressure	•	•	•
STANDARD EQUIPMENT			
Squeegee	10129A	10068A	10068A
2 x brush			30614A
On-board charger	•	•	
ITEM NO.	20001100	20001200	20001300



SCRUBTEC BOOST – features





The SCRUBTEC BOOST orbital scrubber dryer can offer the user multiple benefits for the cleaning of smooth concrete or tiled floors.



• 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%!

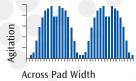
- Less down time means fewer empty and refill cycles. Use of less water during cleaning keeps the operator working productively rather than emptying and refilling the scrubber tanks.
- Cleaner floors equal more effective burnishing to extend strip and re-coat cycles.

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.



The unique BOOST[™] pad

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





One Way and Uneven Directional Scrubbing of Conventional Disc Machines



Across Pad Width



Even Multi-Directional Scrubbing By BOOST[™] Orbital Pad Scrubber



Walk-behind BOOST scrubber dryers

SCRUBTEC BOOST 5 & 8



SCRUBTEC BOOST 5 and 8 are suitable for cleaning in such locations as retail stores, restaurants, sports centres, super-markets, 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.

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SCRUBTEC BOOST 5 & 8

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

TECHNICAL DATA	SCRUBTEC BOOST 5 COMBI	SCRUBTEC BOOST 8
Cleaning width (mm)	510	710
Squeegee width (mm)	770	890
Theoretical surface performance (m ² /h)	2295	3410
Working speed (km/h)	4.5	4.8
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	550
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	41600100

Ride-on BOOST scrubber dryers

SCRUBTEC BOOST R 81



Orbital action with cleaning solution contained in full length of the pad. 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.



The BOOST™ scrub deck uses a unique orbital scrubbing motion with 2250 RPM. The cleaning solution is introduced in front of the rectangular pad/brush via pulse solution control.

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SCRUBTEC BOOST R 81

- · Easy entry and exit from either side of the machine.
- Traverse controlled steering eliminates tipping in turns. • Back-up alarm and horn. • Best traction with rear transaxle drive.
- Complete water pick-up on turns.
- Standard on-board battery charger.
- · Closest edge cleaning.

TECHNICAL DATA	SCRUBTEC BOOST R 81 S
Cleaning width (mm)	810
Squeegee width (mm)	1016
Theoretical surface performance (m ² /h)	5350
Working speed (km/h)	6.6
Tank capacity solution/recovery (I)	110/110
Pad size (mm)	810 x 356
Brush motor (W)	560
Brush pressure (kg)	52 - 70
Brush speed, orbital (RPM)	2250
Vacuum motor power (W)	750
Power source, battery (V)	36
Solution flow (I/min.)	0 - 3.5
Dimensions L x W x H (mm)	1664 x 840 x 1420
Weight with batteries (kg)	675
FEATURES	
Battery version	
On-board charger	
Chemical mixing system	0
Adjustable brush pressure	
STANDARD EQUIPMENT	
Squeegee	11041A
Pad, red	997004
On-board charger	
ITEM NO.	20001400

Ride-on BOOST scrubber dryers

SCRUBTEC BOOST R 4



This machine effectively makes the operator a natural extension of the machine itself. The intelligent 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.

SCRUBTEC BOOST R 4

- Ergonomic seat and steering wheel. · 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. · Low foot platform: Easy entry and exit from
- either side of the machine.
- Water and chemical consumption is minimised.

TECHNICAL DATA	SCRUBTEC BOOST R 4
Cleaning width (mm)	710
Squeegee width (mm)	890
Theoretical surface performance (m ² /h)	4260
Working speed (km/h)	6
Tank capacity solution / recovery (I)	80/80
Pad size (mm)	710 x 356
Brush motor (W)	560
Brush pressure (kg)	32-50
Brush speed (RPM)	2250
Vacuum motor power (W)	420
Power source, battery (V)	24
Traction motor power (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.	ТВА

Manual sweepers

FLOORTEC 480 M



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

FLOORTEC 480 M

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

TECHNICAL DATA	FLOORTEC 480 M
Working width, with/without side brooms (mm)	840/450
Side broom Diameter (mm)	260
Main broom Diameter (mm)	150
Theoretical surface performance (m ² /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	
STANDARD EQUIPMENT	
Main broom	• x 2
Side broom	• x 2
ITEM NO.	9084803010

Manual sweepers



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.

BK 900

- BK 900
 Height-adjustable main broom.
 Height-adjustable side broom to compensate for wear.
 Larger hopper.
 Rugged metal frame.
 Folding handle for easy storage and transport.
 Direct throw sweeping system.
 Light and strong hopper with carrying handle for easy emptying.

TECHNICAL DATA	ВК 900
Working width, with/without side brooms (mm)	690/490
Theoretical surface performance (m ² /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	
STANDARD EQUIPMENT	
Main broom	60642
Side broom	60641
ITEM NO.	Not Available in UK



FLOORTEC 350 B



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.



FLOORTEC 350 B

- 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 350B COMBI
Working width, with/without side brooms (mm)	720/500
Side broom, diameter (mm)	315
Theoretical surface performance (m ² /h)	2880
Working speed (km/h)	4
Hopper volume (I)	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 to use	
STANDARD EQUIPMENT	
Main broom	1463174000
Side broom	146 3035 000
Battery, 12 V 46 Ah maintenance free	1464483000
ITEM NO.	908 4706 010

Walk-behind sweepers

FLOORTEC 560 B/P





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



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



- · Battery model or petrol model.
- Effective in narrow spaces.
- · 600 mm broom length.

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

TECHNICAL DATA	FLOORTEC 560 B	FLOORTEC 560 B OBC	FLOORTEC 560 P
Working width, with/without side brooms (mm)	820/600	820/600	820/600
Side broom, diameter (mm)	420	420	420
Theoretical surface performance (m ² /h)	3690	3690	3690
Working speed (km/h)	4.5	4.5	4.5
Hopper volume (I)	50	50	50
Power source, battery (V)	12	12	
Power source, petrol (kW)			2.2 HONDA
Fuel tank (I)			2.2
Filter area (m²)	2	2	2
Dimensions L x W x H (mm)	1070 x 780 x 840	1070 x 780 x 840	1070 x 780 x 840
Weight (kg)	90	90	105
FEATURES			
Battery version	•	•	
On-board charger		•	
Petrol version			•
Polyester filter	0	0	0
Dust control	•	•	•
Traction drive	•	•	•
Foldable handle	•	•	•
STANDARD EQUIPMENT			
Main broom	146 0748 000	146 0748 000	146 0748 000
Side broom	145 1899 000	145 1899 000	145 1899 000
Battery charger		146 2359 000	
Main filter, paper	145 4806 000	145 4806 000	145 4806 000
ITEM NO.	908 4107 010	20000230	908 4109 010

Ride-on sweepers - manual dump

FLOORTEC R 360



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.



works for you The steering column adjusts to

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fit the operator and to ensure easy access to the machine.

FLOORTEC R 360 B / P

- Easy and ergonomic operation.
- Electrical filter shaker.
- 16% ramp climbing capacity.
 360° manoeuvrability.
 Available as battery or petrol driven.
- Electrical filter shaker.
- Two side brooms for wide sweeping path.
- Foot pedal for speed and forward/reverse botton on control panel.
- · Powerful vacuum motor and large filter
- for continuous dust free sweeping. 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.
- User-friendly control panel.

TECHNICAL DATA	FLOORTEC	FLOORTEC	FLOORTEC	
	R 360 B	R 360 B OBC	R 360 P	
Working width, with/without side brooms (mm)	1000/600	1000/600	1000/600	
Side broom, diameter (mm)	420	420	420	
Theoretical surface performance (m ² /h)	3850	3850	3850	
Working speed (km/h)	5.5	5.5	5.5	
Min. turn-around aisle width (mm)	1460	1460	1460	
Hopper volume (I)	50	50	50	
Power source, battery (V)	24	24		
Power source, petrol (kW)			2.2	
Fuel tank (I)			2.2	
Filter area (m²)	3	3	3	
Dimensions L x W x H (mm)	1255 x 795 x 1155	1255 x 795 x 1155	1255 x 795 x 1155	
Weight (kg)	144	144	202	
FEATURES				
Battery version	•	•		
On-board charger		•		
Petrol version			•	
Polyester filter	0	0	0	
Dust control	•	•	•	
Wet sweep by-pass	•	•	•	
STANDARD EQUIPMENT				
Main broom	146 0748 000	146 0748 000	146 0748 000	
Side broom	145 1899 000	145 1899 000	145 1899 000	
Battery charger		146 2052 000		
Main filter, paper	146 1888 000	146 1888 000	146 1888 000	
ITEM NO.	908 4206 010	20000231	908 4208 010	



Ride-on sweepers - manual dump

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Easy access to all components - easy

inspection and maintenance.

FLOORTEC R 670





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



FLOORTEC R 670 B / P

- · Easy and ergonomic operation.
- Electrical filter shaker.
- 20% ramp climbing capacity. Available as battery or petrol driven.
- 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.
- · Powerful vacuum motor and large filter for continuous dust free sweeping.Corrosion proof metal frame.
- Thermal switches on the drive and broom motors for protection and reduced maintenance cost.
- Flap lifting device for picking up large debris.
- · Operator entry from either side for superior ergonomics. Adjustable steering wheel.

TECHNICAL DATA	FLOORTEC R 670 B OBC	FLOORTEC R 670 P
Working width, with/without side brooms (mm)	1260/700	1260/700
Side broom, diameter (mm)	430	430
Theoretical surface performance (m ² /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 HONDA
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	•	
On-board charger	•	
Petrol version		•
Polyester filter	0	0
Dust control	•	•
Wet sweep by-pass	•	•
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.	20003000	9084316010

Ride-on sweepers - hydraulic dump

FLOORTEC R 680



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.

FLOORTEC R 680 B / P

- Easy and ergonomic operation.
- Durable side brooms.
- Compact design.
- Available as battery or petrol driven.
- Overthrow sweeping system.
 1.5 m high hydralical dump.
- Large horizontal filter captures dust effectively.
- Flap lifting device for picking up large debris.
- Electric filter shaker for continuous sweeping without manual filter cleaning.
- No tools required to inspect or change filters or brooms so you can work efficiently.
- The vacuum system runs automatically when the main broom is lowered saving battery power in transit.
- Adjustable steering wheel and seat for maximum operator comfort and safety.
- Rugged metal frame with corner rollers, protects both sweeper and inventory.
- Epoxy powder coated steel frame prevents corrosion.

TECHNICAL DATA	FLOORTEC R 680 B	FLOORTEC R 680 P
Working width, with/without side brooms (mm)	1050/800	1050/800
Side broom, diameter (mm)	520	520
Theoretical surface performance (m ² /h)	4410	4780
Working speed (km/h)	6	6.5
Min. turn-around aisle width (mm)	1690	1690
Hopper volume (I)	130	130
Power source, battery (V)	24	
Power source, petrol (kW)		6.6 BRIGGS AND STRATTON
Fuel tank (I)		7.9
Filter area (m ²)	3.6	3.6
Dimensions L x W x H (mm)	1750 x 1200 x 1370	1750 x 1200 x 1370
Weight (kg)	440	554
FEATURES		
Battery version	•	
Petrol version		•
High variable dump	•	•
Polyester filter	0	0
Dust control	•	•
Wet sweep by-pass	•	•
STANDARD EQUIPMENT		
Main broom	146 1018 000	145 4792 000
Side broom	146 1025 000	146 1025 000
Main filter, paper	1463523000	1463523000
ITEM NO.	9084514010	9084515010

Single discs & burnisher

SPINTEC 443

SPINTEC 551 UH

The SPINTEC 443 range of polishers

SPINTEC 443

costs.

machine.

· Easy to operate.

· Mains powered.

Offset motor for great stability.

resistant to knocks and bumps without breaking. • Long life with minimal service

Cable hook, where the cable

can be easily wound up on the

Extruded vinyl bumper protects

obstacles and machine from damage. • Quiet operation and long life.

· Rugged steel tube and frame

exceeds the demands for scrubbing, stripping and floor polishing.



SPINTEC 551 Ultra High speed unit covers large areas with maximum efficiency and in the minimum of time. Ideal for building a long-lasting shine to hard floors.

This electric cord burnisher is also the right choice for high productivity in polishing and maintenance of floors in medium duty applications.

SPINTEC 551 UH

- Ultra high speed burnisher. Belt driven.
- Rugged steel tube and frame resistant to knocks and bumps without breaking.
 Long life with minimal service
- Long life with minimal service costs.
- Cable hook, where the cable can be easily wound up on the machine.
- Extruded vinyl bumper protects obstacles and machine from damage.
- Adjustable handle.
- Quiet operation and long life. Easy to operate.
- · Mains powered.

▲ SPINTEC 443 DS				
TECHNICAL DATA	SPINTEC 443	SPINTEC 443 H	SPINTEC 443 DS	SPINTEC 551 UH
Wordking size (mm/")	430/17	430/17	430/17	510/20
Speed (RPM)	170	400	180/360	1500
Power source (V-Hz)	220/240-50	220/240-50	220/240-50	220/240-50
Power consumption (W)	750	1500	1100/1500	1200
Main cable length (m)	15	15	15	15
Dimensions L x W x H (mm)	438 x 595 x 1250	438 x 595 x 1250	438 x 595 x 1250	838 x 533 x 1206
Weight (kg)	44	44	44	39
FEATURES				
Belt driven				•
High speed polisher		•		
Dual speed polisher			•	
Ultra high speed burnisher				•
STANDARD EQUIPMENT				
Cable hook	•	•	•	•
Accessory and cable holder		•	•	
ITEM NO.	56380066	56380069	56380071	56380072

The accessories – increase your efficiency







The Nilfisk-ALTO Floor Care range is supported with a wide range of accessories, in order to customise the machine to meet your exact requirements.

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.

- · These 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

- · These 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 suit your battery pack.

For our Scrubber Dryers and combination machines we have a wide selection of different brushes (disc or cylindrical), pads and pad drivers, as well as a selection of different squeegee blades.



Brushes Pads • Universal (Union Mix) White

- Nylon Prolite
- Polypropylene
- Lite Grit
- Clean Grit
- Super Grit

Туре Soft natural fibre for soft scrubbing and vinyl

Delicate/Light scrubbing and carpets Light/Medium Medium/general duty scrubbing Light aggressive Medium aggressive and concrete Heavy aggressive and concrete

Squeegee blades

- Natural Gum Rubber (beige) offers superior water control and pick.
- PU (natural) material offers excellent water control and pickup. The material is oil resistant and offers greater life cycles.

Red-White

Blue-Red

Brown

Black

Brown-Blue

Red

- PU (natural) material offers excellent water control and pickup.
- The material is oil resistant and offers greater life cycles.

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 scrubber dryers





		SRUBTEC 337 SCRUBTEC 343 B SCRUBTEC 346 / SCRUBTEC BOOST 5 SCRUBTEC 8 / SCRUBTEC BOOST 8 SCRUBTEC 8 / SCRUBTEC BOOST R 81 SCRUBTEC R 5 / SCRUBTEC BOOST R 81	
Batteries and chargers	Pieces needed		Item No.
Battery 12 V-55 Ah AGM	1	•	9098977000
Battery 12 V-87 Ah AGM Battery 12V-70Ah GEL Monoblock	1	0	1464484000 80564300
Battery 12V-50Ah GEL Monoblock	2	0	80564200
Battery 12V-68Ah AGM spiralcell **** Only with external charger	2	0	80561268
Battery 12V-52Ah AGM spiralcell **** Only with external charger Charger HF 24V 30A for AGM spiralcell	2	0	80561252 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 Battery 12V-110Ah WET Semi T Monobloc	1	0	80532413 L00200049
Charger HF 24V 13A SB120R	1	0	80532413
Battery 12V-110Ah WET Tubular Monobloc	2	0	80564600
Battery filling system Charger HF 24V 13A SB120R	1	0	7116077 80532413
Battery 12V-85Ah WET Semi T Monobloc	2	0	80552415
Battery filling system	1	0	7116062
Charger HF 24V 10A SB120R	1	0	80512410
Battery 12V-72Ah WET Tubular Monobloc Battery filling system	2	0	80564700 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	1	0	80542433
Battery 6V-255Ah WET Semi T Monobloc Battery filling system	4	0	80565000 7116054
Battery 24V-240Ah WET in tray with BFS	1	0	L00290018
Battery filling system	1	0	7116054
Battery 6V-180Ah WET Tubular Monobloc Battery filling system	4	0	80564500 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	6	0	7116015
Battery filling system	1	0	7116061
Battery 36V-240Ah WET in tray with BFS Battery 6V-180Ah WET Tubular Monobloc	1 6	0	80563230 80564500
Battery filling system	1	0	7116058
Battery 36V-220Ah GEL Single Cells in tray	1	0	80563240
Battery 6V-180Ah GEL Monoblock	6	0	80564000
		·····	

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

• Standard equipment

↑ Item No. always consists of one piece.

Batteries and chargers sweepers



		HOORTEC 350 B HLOORTEC 350 B HLOORTEC 8 360 B HLOORTEC R 570 B HLOORTEC R 680 B	
Batteries and chargers	Pieces needed		Item No.
Battery 12V-49Ah AGM Monobloc	1	•	1464483000
Battery 12V-87Ah AGM Monobloc	1	0	1464484000
Battery 6V-180Ah WET Tubular Monoblock	2	0	80564500
Battery filling system	1	0	7116074
Charger HF 12V 20A SB50G	1	0	80521210
Battery 6V-180Ah GEL Monoblock	2	0	80564000
Charger HF 12V 20A SB50G	1	0	80521210
Battery 12V-110Ah WET Tubular Monoblock		0	80564600
Battery filling system		0	7116075
Charger HF 12V 13A SB50G	1	0	80531213
Battery 12V-105Ah GEL Monoblock	1	0	80564400
Charger HF 12V 13A SB50G	1	0	80531213
Battery 12V-85Ah WET Semi T Monoblock	1	0	80564800
Charger HF 12V 10A SB50G	1	0	80511210
Battery filling system	1	0	7116075
Battery 12V-144Ah WET Semi T Monoblock	2	0	80565100
Battery filling system	1	0	7116056
Charger HF 24V 20A SB120R	1	0	80522420
Battery 12V-110Ah WET Tubular Monoblock	2	0	80564600
Battery filling system	1	0	7116077
Charger HF 24V 13A SB120R	1	0	80532413
Battery 12V-105Ah GEL Monoblock	2	0	80564400
Charger HF 24V 13A SB120R	1	0	80532413
Battery 12V-85Ah WET Semi T Monoblock	2	0	80564800
Battery filling system	1	0	7116062
Charger HF 24V 10A SB120R	2	0	80512410 80561268
Battery 12V-68Ah AGM spiralcell Charger HF 24V 30A OPTIMA SB120R	1	0	80542433
Battery 24V-300Ah WET in tray with BFS	1	0	80563300
Charger HF 24V 30A SB120R	1	0	80542430
Battery 24V-275Ah GEL Single Cells in tray	1	0	L00210022
Charger HF 24V 30A SB120R	1	0	80542430
Battery 6V-200Ah WET Tubular Monoblock	4	0	80563200
Battery filling system		0	7116054
Charger HF 24V 25A SB120R	1	0	80542425
Battery 6V-200Ah WET Semi T Monoblock	4	0	80564900
Battery filling system	1	0	7116055
Charger HF 24V 25A SB120R	1	0	80542425
Battery 24V-300Ah WET Welded tubular W/O tray	1	0	L00270416
Charger HF 24V 30A SB175R	1	0	80542431
Battery 6V-255Ah WET Semi T Monoblock	4	0	80565000
Battery filling system	1	0	7116054
Charger HF 24V 30A SB175R	1	0	80542431
Battery 6V-200Ah WET Semi T Monoblock	4	0	80564900
Charger HF 24V 25A SB175R	1	0	80542426
Battery 6V-180Ah GEL Monoblock	4	0	80564000
Charger HF 24V 20A SB175R	1	0	80522421
Battery 24V-330Ah GEL Welded cells W/O tray	1	0	L00210413
Charger HF 24V 40A SB175R	1	0	80542440

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

• Standard equipment

Number per machine, item no. always consists of one piece. POS refers to charger configuration

Brushes for walk-behind scrubber dryers ALTO

Pieces needed

2

2

2

1

2

1

2

2

2

2

1

2

1

1

2

2

2



Brushes

12" (305 mm)

13" (330 mm)

14" (355 mm)

14" (370 mm)

17" (430 mm)

17" (430 mm)

18" (450 mm)

21" (530 mm)

Polypropylene 6.5" (165 mm) 0.4

6.5" (165 mm) 0.5

12" (305 mm)

13" (330 mm)

14" (355 mm)

14" (370 mm)

17" (430 mm)

17" (430 mm)

18" (450 mm)

21" (530 mm)

Nylon 13" (330 mm)

14" (355 mm)

17" (430 mm)

14" (370 mm) - light

Universal/Union Mix









					·····
Light grit	•••••••••••••••••••••••••••••••••••		•••••••		
13" (330 mm)	2		0	0	10382A
14" (355 mm)	2		0	0 0	10383A
17" (430 mm)	1	0			909 5691 000
17" (430 mm)	2			0 0	10384A
18" (450 mm) 21" (530 mm)	1	0			L08837023
21" (530 mm)	1	0			L08837028

scrubtic 233 scrubtic 233 scrubtic 337 scrubtic 343 scrubtic 545 scrubtic 545 scrubtic 651 scrubtic 651 scrubtic 651 scrubtic 651 scrubtic 651 scrubtic 871 scrub

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Nilfisk

Item No.

L08603875

303000381

303000382

9099007000

909 5694 000

303000384

L08837022

L08837027

9097242000

9097543000

L08603842

9099006000

9098529000

L8812891

L08837020

L08837025

11437A

10874A

10875A

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11424B

11438A

11427B

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

Number per machine, item no. always consists of one piece.

Brushes for walk-behind scrubber dryers

Pieces needed



scrubitic 233 scrubitic 337 scrubitic 343 scrubitic 343 scrubitic 545 scrubitic 5631 scrubitic 5631 scrubitic 661 scrubitic 661 scrubitic 865 scrubitic 871 scrubitic 805 scrubitic 805 scrubitic 871 scrubitic 805 scrubitic 871 scrubitic 871 scrubitic 856 scrubitic 871 scrubitic 856 scrubitic 856

Item No.

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ci :						
Clean grit						
12" (305 mm)	2		0			L08603873
13" (330 mm)	2		0	0		11439A
14" (355 mm)	2		0		0 0	11431B
14" (370 mm)	1	0				9099009000
17" (430 mm)	. 1	0				909 5692 000
•••••••••••••••••••••••••••••••••••••••	2	· · · · · · · · · · · · · · · · · · ·		0	~	11430B
17" (430 mm)	••••••••••••			0	0	
18" (450 mm)	1	0				L08837024
21" (530 mm)	1	0				L08837029
	•					
Super grit	•••••	•••••	• • • • • • • • • • • • • • • •	•••••••	••••••	•••••••••••••••••••••••••••••••••••••••
• · · · · · · · · · · · · · · · · · · ·						
12" (305 mm)	2		0			L08603872
13" (330 mm)	2		0	0		11440A
14" (355 mm)	2		0		0 0	11426B
14" (370 mm)	1	0				9099008000
17" (430 mm)	2			0	0	11425B
21" (530 mm)	1	0				L08837065
()	·	Ŭ.				
Cylindrical						
Polypropylene						•
490 mm	2		0			909 5823 000
690 mm	2		Ŭ.	0		56412046
	······			0	0	•••••••••••••••••••••••••••••••••••••••
690 mm	2				0	30614A
Nylon						
490 mm	2		0			909 5824 000
690 mm	2			0	0	56412192
690 mm	2	••••••			0	30615A
	-				, , , , , , , , , , , , , , , , , , ,	5001511
Clean Grit						
690 mm	2			0	0	56412194
690 mm	2				0	30616A
Super Grit	-					-
490 mm	2		0			909 5825 000
690 mm	2		-	0	0	56412195
690 mm	2			~	0	30617A
690 mm	۷				0	30617A
	-					
						·····
	-					
 Can be used. (Items included a can be seen on the machine pa 		per machine, item no. Insists of one piece.				Standard equipme

Pads and pad drivers for scrubber dryers ALTO

Pieces needed

2/1*

2/1*

Packed











5" (165 mm)		-				
	2	5	0			7250022
2" (305 mm)	2	5		0		L00190793 97603
3" (330 mm)	2 2/1*	5		0	0	97603
4" (355 mm)		5	0	0	00	
7" (430 mm)	2/1*	5	0	0	0	97605
3" (450 mm)	1	5	0			L0853180
l" (530 mm)	1	5	0			L0883704
ad, blue (175-600 RPM)		••••••••••••	•••••	•••••	• • • • • • • • • • • • • • • • • • • •	•••••••••••••••••••••••••••••••••••••••
2" (305 mm)	2	5		0		L0019079
	2	5		0	0	97603
3" (330 mm)	2/44	5	0	0	00	97603
4" (355 mm)	2/1*		0	0	0	97605
t" (355 mm) 7" (430 mm)	2/1*	5	••••••••••••••••••••••••••••••••••••••			
*" (355 mm) *" (430 mm) 3" (450 mm)	2/1* 1	5	0			L0853190
t" (355 mm) 7" (430 mm)	2/1*		••••••••••••••••••••••••••••••••••••••			
*" (355 mm) *" (430 mm) 3" (450 mm)	2/1* 1	5	0			L0833190 L0883704



.5" (165 mm)	2	5	0			72500223
2" (305 mm)	2	5		0		L00190791
3" (330 mm)	2	5		0	0	976035
4" (355 mm)	2/1*	5	0	0	00	976040
7" (430 mm)	2/1*	5	0	0	0	976055
8" (450 mm)	1	5	0			L08531700
1" (530 mm)	1	5	0			L08837045



 Can be used. (Items included as standard can be seen on the machine pages) * SCRUBTEC 337 and 343 only need one

Item No.

L00205500

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Pads and pad drivers for scrubber dryers













Pads	Pieces needed	Packed	~~~~	0000	* * * * *	~~~	Item No.
Pad, black (175-600 RPM)							
12" (305 mm)	2	5		0			L00276004
13" (330 mm)	2	5		0	0		976142
14" (355 mm)	2/1*	5	0	(o c	0	976146
17" (430 mm)	2/1*	5	0		0	0	976158
18" (450 mm)	1	5	0				82256600
21" (530 mm)	1	5		0			82322300
Pad, white BOOST							
510 x 356 mm	1	5		0			997023
710 x 356 mm	1	5			0	0	997002
810 x 356 mm	1	5				0	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		0			997021
710 x 356 mm	1	5		Ŭ	0	0	997006
810 x 356 mm	1	5			~	0	997007
						<u> </u>	557007
Pad, black BOOST							
510 x 356 mm	1	5		0			997022
710 x 356 mm	1	5			0	0	997000
810 x 356 mm	1	5				0	997003
Pad, 3M Hi Pro. BOOST							
710 x 356 mm	1				0	0	997016
810 x 356 mm	1	10			~	0	997017
						, , , , , , , , , , , , , , , , , , ,	557017
Pad, Maroon BOOST	1	10		0			997024
	1	10			0	0	997018
Velcro, 2 sided for maroon pad	1	1		0			30793A
	1				0	0	30794A
Pad driver assembly	•••••	••••••	••••	•••••	• • • • • • • • • •	•••••	••••••
6.5" (165 mm)	2	1	0				9097243000
12" (305 mm)	2	1		0			L08603939
13" (330 mm)	2	1		0	0		38035A
14" (355 mm)	2	1		(o c	0	38036A
14" (355 mm)	1	1	0				909 5331 000
17" (430 mm)	1	1	0				909 5695 000
17" (430 mm)	2	1			0	0	38034A
18" (450 mm)	1	1	0				L08837017
21" (530 mm)	1	1		0			L08837018
						······	

○ Can be used. (Items included as standard

* SCRUBTEC 337 and 343 only need one ** Only one delivered with the machine. • Standard equipment

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can be seen on the machine pages)

Accessories for scrubber dryers















		א א א א א א א א א א א א א א א א א א א	
Squeegee and squeegee blades	Pieces needed		Item No.
Squeegee blade kit (front and rear)			
Squeegee blade Poly Urethane, 385 mm, kit includes two	1	•	9097542000
Squeegee blade Poly Urethane, 470 mm, kit includes two	1		9099027000
Squeegee blade Poly Urethane, 720 mm	1		9097354000
Squeegee blade, 730 mm	1		909 6851 000
Squeegee blade kit Polyurethane (730 mm)	1	0	909 6858 000
Squeegee blade kit Gum rubber (730 mm)	1	0	909 6860 000
Squeegee blade kit Gum rubber (810 mm)	1	0	909 5006 000
Squeegee blade kit Polyurethane (810 mm)	1	0	909 6859 000
Squeegee blade Poly Urethane, 826 mm, front and rear	1		11333A
Squeegee blade Linatex, 826 mm, front and rear	1	0	11339A
Squeegee blade Gum rubber, 826 mm, front and rear	1	0	11336A
Squeegee blade Poly Urethane, 890 mm, front and rear	1	•	11332A
Squeegee blade Linatex, 890 mm, front and rear	1	0	11338A
Squeegee blade Gum rubber, 890 mm, front and rear	1	0	11335A
Squeegee blade Poly Urethane, 1040 mm, front and rear	1		11331A
Squeegee blade Linatex, 1040 mm, front and rear	1	0	11337A
Squeegee blade Gum rubber, 1040 mm, front and rear	1	0	11334A
Squeegee blade Poly Urethane, 890 mm, front and rear	1	•	9098729000
Squeegee blade Gum rubber, 890 mm, front and rear	1	0	9097804000
Squeegee blades	• • • • • • • • • • • • • • • • • • • •	•••••••••••••••••••••••••••••••••••••••	•••••••••••••••••••••••••••••••••••••••
Squeegee blade outer (rear) Gum rubber (730 mm)	1	•	909 6484 000
Squeegee blade inner (front) Gum rubber (730 mm)	1	•	909 6483 000
Squeegee blade outer (rear) Gum rubber (810 mm)	1	•	L08603832
Squeegee blade inner (front) Gum rubber (810 mm)	1	•	L08603830
Squeegee blade rear, outer (rear) Linatex blade standard	1	•	30556L
Squeegee blade rear, inner (front) Ribbed Urethane	1	•	30066A
Squeegee blade rear, outer (rear) Linatex, standard	1	••	30557L
Squeegee blade rear, inner (front) Ribbed Urethane	1	••	30091A
Squeegee blade rear, outer (rear) Linatex	1	•	30774L
Squeegee blade rear, inner (front) Ribbed Urethane	1	•	38727A
Squeegee side blades			
Squeegee side blade, outer Linatex blade, standard	1	••	30540L
Squeegee side blade, front Ribbed Urethane	1	••	30541A
Splash guard kit	• ••••••		••••••••••••
Splash guard kit SCRUBTEC 545	1	0	909 6737 000
Splash guard kit SCRUBTEC 553 & 653	1	0	909 6736 000
Splash guard kit SCRUBTEC R 466	1	0	909 5224 000
Splash guard kit SCRUBTEC R 471	1	0	909 5345 000
	• • • • • • • • • • • • • • • • • • • •	•••••••••••••••••••••••••••••••	••••••
Hour meter 24 V	1	00	9096951000
Hour meter 24 V	1	000	11371A
Hour meter kit 230 V	1	00	909 6735 000
Extra pressure kits			
Pressure extra brush kit 10 kg, 5 series	1	000	9097185000
Pressure extra brush kit 20 kg, 6 series	1	000	9097186000

 Can be used. (Items included as standard can be seen on the machine pages) ↑ Item No. always consists of one piece. • Standard equipment

175

Accessories for scrubber dryers









	Other options	Pieces needed	SCRUBTEC 233 SCRUBTEC 245 SCRUBTEC 545 SCRUBTEC 553 SCRUBTEC 651 C SCRUBTEC 651 C		Item No.
and the second second	Other options	Pieces needed			Ilein Nu.
	Chemical mixing system SCRUBTEC 5 Chemical mixing system SCRUBTEC 6 Chemical mixing system SCRUBTEC 8 Chemical mixing system SCRUBTEC R 4 Chemical mixing system SCRUBTEC R 5	1 1 1 1 1	000	000	9097163000 9097160000 11363A xxx xxx xxx 11079A
-19	Off aisle kits Off aisle spray tool & vac wand Carpet/hard floor kit	1	0	0	10881A 9097575000
	Warning and safety kits Warning light strobe Amber Warning light beacon flashing Filter for float ball cage "Antifoaming"	1 1 1 1	000000	0 0 0 0 0 0 0	10877A 9098164000 909 5065 000
	Seat belt Parking brake, secondary (manual engagement)	1 1	•	0	53572A 11372A
	Wheel options Traction wheel, oil-resistent, Ø200 mm for SCRUBTEC 5 Traction wheel, oil-resistent, Ø300 mm for SCRUBTEC 6 Soft casters for SCRUBTEC 6	1 1 1 1	000		9097032000 9097026000 909 6900 000
	Soft casters dual assembly for SCRUBTEC 8	1	0		909 5511 000
	Brush deck kits Brush deck SCRUBTEC 545 kit Brush deck SCRUBTEC 651 C kit Brush deck SCRUBTEC 553/653 kit Brush deck SCRUBTEC 661 kit	1 1 1 1			9097176000 909 6854 000 9097177000 9097179000
	Brush deck kit SCRUBTEC R 466 Brush deck kit SCRUBTEC R 471			• •	9098741000 9098742000
	Extra powerful vacuum kit Powerful vacuum kit	1		000	9098455000
476	• Can be used. (Items included as standard	↑ Item No.			Standard equipment

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

↑ Item No. always consists of one piece.

• Standard equipment

Accessories for sweepers



350 B 560 B/P R 360 B/P R 670 B/P R 680 B/P





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		BK 900 BL 100REC 3 HLOORTEC 3 HLOORTEC 8 HLOORTEC R	
	Standard equipment & options	Pieces needed	Item No.
	Broom main, standard	1 •	60642
		1 •	1463174000
		1 ••	146 0748 000
		1	145 4879 000
		1	146 1018 000
• •	Broom main, nylon	1 00	146 0752 000
• •	Broom main, polypropylene	1 0	146 3015 000
		00	146 0751 000
• •	Broom main mix steel	1 C	145 4963 000
		2 0	145 4957 000
		2 00	146 0750 000
	Broom main carpet / natural fiber	1 O	145 6080 000
		1 00 1 0	146 0753 000
	natural fiber	1 0 1 C	146 3016 000 145 6135 000
	Side brooms, standard	1	60641
		1	146 3035 000
		1/2* ●●	145 1899 000
		2	1463952000
		1	146 1025 000
• •	Side brooms, mixed steel	1 c	146 1149 000
		1/2* 0 0	145 4959 000
			146 1140 000
	Side brooms, carpet / natural fiber	1 C	146 1148 000 1463936000
		1/2* 00	145 4976 000
	black nylon carpet	1 0	145 4970 000
	Filter	1	1463523000
		1	146 1888 000
		1 ●	145 4806 000 1463161000
	polyester	1 0	145 4746 000
	polyester antistatic	1 0	146 0368 000
	pre filter	1 0	146 0782 000
	polyester	1 0	146 1988 000
	polyester antistatic	1 0	146 1989 000
	polyester	1 0	146 2759 000
	polyester antistatic	1 0	145 6013 000
	pre filter	1 0	146 2731 000
	polyester	1 C	
	pocket filter with filter shaker	1 C	• • • •

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

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Accessories for sweepers









	Options	Pieces needed	BK 900 HLOORTEC 350 HLOORTEC 350 B/P HLOORTEC R 50 B/P HLOORTEC R 50 B/P HLOORTEC R 630 B/P	ltem No.
		Flettes literature		Item no.
	Skirts non marking kit (side, rear and front)	1	0	146 2744 000
1000		1	0	1463167000
	Skirt non marking			
	Skirt non marking, side	2	0	146 1150 000
	Skirt non marking, rear	1	0	146 1151 000
	Skirt non marking	1	0	146 1152 000
	Skirt non marking, side	2	0	146 0587 000
and a set	Skirt non marking, rear	1	0	146 0743 000
	Other options			
	Wheel with brake		0	146 0569 000
	Wheel, front, non marking	1	0	146 0329 000
	Wheel, rear, non marking	2	0	146 0330 000
	Wheel, front, non marking	1	0	146 2745 000
	Wheel, rear, non marking	2	0	146 2746 000
	Light, working kit	1	0	146 2663 000
	Working light	1	0	146 2680 000
	Warning beacon flash	1	0	146 2659 000
	Warning beacon flash	1	0	146 2692 000
	Warning beacon flash	1	0	146 2676 000
	Warning beacon flash for overhead guard	1	0	146 2098 000
		1		1462171000
	Carpet kit Carpet kit	1	0	1463171000
The second s	Carpet kit Carpet kit	1	0	146 2102 000 1464101000
Sec. 10				
	Charger on-board	1	00	146 2052 000
		1	0	146 0635 000
	Filter shaker kit (battery versions only)	1	0	146 2670 000
	Reverse alarm	1	0	146 2661 000
	Overhead guard kit	1	0	146 2735 000
	Overhead guard kit	1	0	146 2674 000
1	Side broom protection kit	1	0	146 2876 000
	Broom, left side kit	1	0	1463489000
and the second second	Kit mini containers	1	0	1463981000
	Kit broom bumper right	1	0	1464058000
	Kit broom bumper left	1	0	1464105000

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

↑ Item No. always consists of one piece.

• Standard equipment

Accessories for polishers

















		SPINTEC 443 / 443 DS SPINTEC 443 H	SPINTEC 551 UH	
Accessories				Item No.
Pad driver Super grip Pad driver		0 0		11316A
	Packed			
Pads (175-600 RPM)				070052
White 17" (Ø 430 mm) White 20" (Ø 510 mm)	5	0 0	0	976052 976067
Red 17" (Ø 430 mm) Red 20" (Ø 510 mm)	5 5	0 0	0	976053 976068
Blue 17" (Ø 430 mm) Blue 20" (Ø 510 mm)	5	0 0	0	976054 976069
Brown 17" (Ø 430 mm)	5	0 0		976055
Brown 20" (Ø 510 mm)	5		0	976070
Black 17" (Ø 430 mm) Black 20" (Ø 510 mm)	5	00	0	976158 976170
Brush Light to medium Brush Polishing		00		11298A 11296A
Brush Medium cleaning		0 0		11299A
Brush Heavy cleaning		00		11310A
Carpet		0		11297A
Spray buff attachment		00	• • • • • • • • • • • • • • • • • • • •	11295A
Solution tank assembly		0 0		10104A
Foam generator		0		11294A

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

Detergents



VEHICLE CLEANING



Prewash

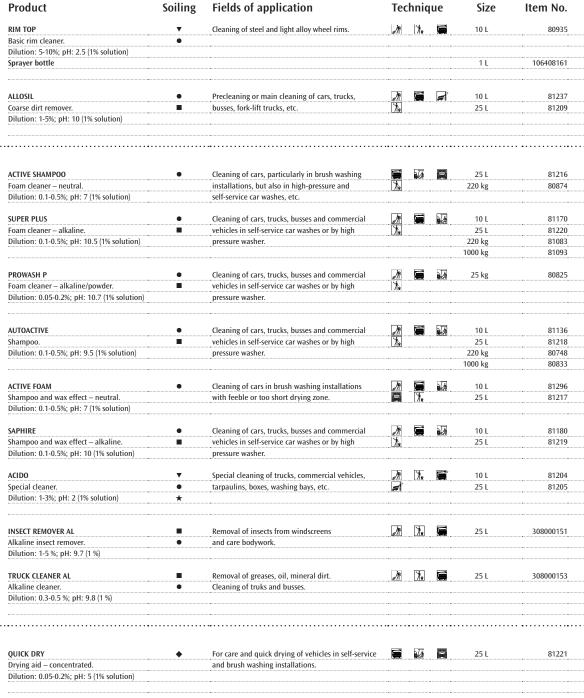
Main wash













180

QUICK DRY	•	For care and quick drying of vehicles in self-service		À	' <u> </u>	25 L	812
Drying aid – concentrated.		and brush washing installations.	-	-	-		-
Dilution: 0.05-0.2%; pH: 5 (1% solution)		-					
ACTIVE WAX	•	For care and quick drying of vehicles in self-service		N/A		10 L	811
Conservation agent with waxes.		and brush washing installations.				25 L	812
Dilution: 0.1-0.2%; pH: 5 (1% solution)							
AUTODRY	•	For scale-free drying of vehicles which are		À		10 L	811
Drainage agent.		washed without osmosis water.					
Dilution: 0.05%; pH: 5.5 (1% solution)				••••••			

Explanation of symbols: * Suitable, but not for continuous use. Please read the product description carefully! Greases, oils, soot, proteins, blood Sand, dirt, light oil and grease Lime, rust, cement ★ Bacteria, viruses, fungi Care, conservation, gloss, machine protection



INDUSTRIAL & **BUILDINGS**











Solling	Fields of application	lec	nniq	ue	Size	Item
•	Rust transformer/rust dissolver lime/cement haze	.Ap	1%		10.1	
•	•••••		//19			
*	agent in foodstuffs related sectors.				252	
•	Various cleaning tasks on a wide range of particularly	À		-	10 L	
	delicate surfaces in trade and industry.	7.	1		25 L	
			•		220 kg	
•				=		
	vehicles, steel parts, motors/machines, walls, facades,	7.	••••••		25 L	
	working surfaces, etc.		•		220 kg	.
	Cleaning of sturdy industrial floors, steel parts,	M			10 L	.
	motors/machines, working surfaces, etc.	7.			25 L	.
					220 kg	
		•••••••	•	••••••	1000 kg	
	Cleaning of industrial and commecial floors, motor	ħ		=	25 kg	-
	vehicles, steel parts, motors/machines, walls, facades,	Ň				
	working surfaces, etc.	•	•			.
						••••••
		. 🞢		\$ 1		
		_ <i>⊼</i> e	·····		25 L	
*	canteens, agriculture, pharmaceuticals plants, etc.					
•	For disinfection of washable surfaces like soils walk	An			25.1	308 00
-	•	11		••••••	2 J L	200 00
*	•••••••••••••••••••••••••••••••••••••••	•	••••••	·····		.
	aitu ailillidi UUCS.					
•	Hard surface cleaning of machines, walls, working	À		1	10 L	
	surfaces and tiles, etc., particularly in slaughterhouses	• • • • • • • • • • • • • • • • • • • •			25 L	
	and butchers' shops.		•		220 kg	
_	T	Біт	••••••		25.1	.
•	• · · · · · · · · · · · · · · · · · · ·	* *	·····		25 L	
	metal processing plants.		•	••••••		
_		53.5	••••••		251	
-	•••••••••••••••••••••••••••••••••••••••	₽%	•	••••••	25 kg	
	metal processing plants.	•••••••••••••••••••••••••••••••••••••••	••••••	·····		
*	For combating bacteria in phosphating baths.	• /			6 x 1 L	1053
)		••••••	•	••••••		-
	Motal processing plants as downloth and	Jao	ন্দ		10 1	
	wietai processing plants and workshops.	<u>@71</u>	<u>/ïe</u>	······		
					23 L	
			•			
	Wax and preservative removal from motor vehicles	ħ		7.	25 L	
	in metal processing plants.		•			
_	.		•			•••••
V	•		•	······	25 kg	.
	industrial and commercial surfaces.			••••••		.
						.
_	<u> </u>				251	
	Cars and buses, trucks and vans, hard floor, metal industry and special purpose.	•••••••	••••••		25 kg	52
	· · · · · · · · · · · · · · · · · · ·		•••••			
		 Rust transformer/rust dissolver, lime/cement haze remover in trade and industry; disinfectant agent in foodstuffs related sectors. Various cleaning tasks on a wide range of particularly delicate surfaces in trade and industry. Cleaning of industrial and commecial floors, motor vehicles, steel parts, motors/machines, walls, facades, working surfaces, etc. Cleaning of sturdy industrial floors, steel parts, motors/machines, working surfaces, etc. Cleaning of industrial and commecial floors, motor vehicles, steel parts, motors/machines, working surfaces, etc. Cleaning of industrial and commecial floors, motor vehicles, steel parts, motors/machines, walls, facades, working surfaces, etc. Floor and hard surface cleaning in slaughterhouses, bakeries, butchers' shops, cheese-making plants, etc. Floor and hard surface cleaning in slaughterhouses, bakeries, butchers' shops, cheese-making plants, etc. For disinfection of washable surfaces, like soils, walls as well as stables, epidemic mats, crossing basins and animal trucks. Hard surface cleaning of machines, walls, working surfaces and tiles, etc., particularly in slaughterhouses and butchers' shops. Temporary corrosion protection for iron parts in metal processing plants. Temporary corrosion protection for iron parts in metal processing plants. Metal processing plants and workshops. Metal processing plants and workshops. Metal processing plants and workshops. Cars and buses, trucks and vans, hard floor, metal 	 Rust transformer/rust dissolver, lime/cement haze remover in trade and industry: disinfectant agent in foodstuffs related sectors. Various cleaning tasks on a wide range of particularly delicate surfaces in trade and industry. Cleaning of industrial and commecial floors, motor whicles, steel parts, motors/machines, walls, facades, working surfaces, etc. Cleaning of industrial and commecial floors, motor webicles, steel parts, motors/machines, walls, facades, working surfaces, etc. Cleaning of industrial and commecial floors, motor webicles, steel parts, motors/machines, walls, facades, working surfaces, etc. Cleaning of industrial and commecial floors, motor webicles, steel parts, motors/machines, walls, facades, working surfaces, etc. Floor and hard surface cleaning in slaughterhouses, bakeries, butchers' shops, cheese-making plants, tx canteens, agriculture, pharmaceuticals plants, etc. For disinfection of washable surfaces, like soils, walls a swell as stables, epidemic mats, crossing basins and animal trucks. Hard surface cleaning of machines, walls, working surfaces and tites, etc., particularly in slaughterhouses and butchers' shops. Temporary corrosion protection for iron parts in metal processing plants. Temporary corrosion protection for iron parts in metal processing plants. Metal processing plants. Wax and preservative removal from motor vehicles in metal processing plants. Metal processing plants. Wax and preservative removal from motor vehicles in metal processing plants. Metal processing plants. Cars and buses, trucks and vans, hard floor, metal 	 Rust transformer/rust dissolver, lime/cement haze remover in trade and industry, disinfectant agent in foodstuffs related sectors. Various cleaning tasks on a wide range of particularly delicate surfaces in trade and industry. Cleaning of industrial and commecial floors, motor vehicles, steel parts, motors/machines, walls, facades. Cleaning of sturdy industrial floors, steel parts. motors/machines, working surfaces, etc. Cleaning of industrial and commecial floors, motor vehicles, steel parts, motors/machines, working surfaces, etc. Cleaning of industrial and commecial floors, motor vehicles, steel parts, motors/machines, walls, facades. Cleaning of industrial and commecial floors, motor vehicles, steel parts, motors/machines, walls, facades. Floor and hard surface cleaning in slaughterhouses. bakeries, butchers' shops, cheese-making plants, canteens, agriculture, pharmaceuticals plants, etc. For disinfection of washable surfaces, like soils, walls as well as stables, epidemic mats, crossing basins and animal trucks. Hard surface cleaning of machines, walls, working surfaces and bluchers' shops. Hard surface cleaning of machines, walls, working surfaces and butchers' shops. Temporary corrosion protection for iron parts in metal processing plants. For combating bacteria in phosphating baths. Metal processing plants and workshops. Wax and preservative removal from motor vehicles in metal processing plants. Wax and preservative removal from motor vehicles in metal processing plants. Wax and preservative removal from motor vehicles in metal processing plants. Wax and preservative removal from motor vehicles in metal processing plants. Wax and preservative removal from motor vehicles in metal processing plants. Kat and paint removal and smoothing of sturdy industrial and commercial surfaces. 	 Rust transformer/rust dissolver, lime/cement haze intervent in trade and industry: disinfectant agent in foodstuffs related sectors. Various cleaning tasks on a wide range of particularly intervention in trade and industry. Cleaning of industrial and commecial floors, motor interventices, steel parts, motors/machines, walls, facades. Cleaning of sturdy industrial floors, steel parts, motors/machines, working surfaces, etc. Cleaning of industrial and commecial floors, motor interventices, steel parts, motors/machines, working surfaces, etc. Cleaning of industrial and commecial floors, motor interventices, steel parts, motors/machines, walls, facades. Cleaning of industrial and commecial floors, motor interventices, steel parts, motors/machines, walls, facades. Floor and hard surface cleaning in slaughterhouses. E bakeries, butchers' shops, cheese-making plants. Canteens, agriculture, pharmaceuticals plants, etc. For disinfection of washable surfaces, like soils, walls in a swell as stables, epidemic mats, crossing basins and animal trucks. Hard surface cleaning of machines, walls, working is surfaces and tiles, etc., particularly in slaughterhouses and butchers' shops. Temporary corrosion protection for iron parts in metal processing plants. Temporary corrosion protection for iron parts in metal processing plants. Metal processing plants and workshops. Metal processing plants. Metal processing plants and workshops. Wax and preservative removal from motor vehicles in metal processing plants. Wax and preservative removal from motor vehicles in metal processing plants. Metal processing plants. Wax and preservative removal from motor vehicles in metal processing plants. Cars and buses, trucks and vans, hard floor, metal 	• Rust transformer/rust disolver, lime/cement haze 11 10 • agent in foodstuffs related sectors. 251 • Various cleaning tasks on a wide range of particularly 11 251 • Various cleaning tasks on a wide range of particularly 11 251 • Various cleaning tasks on a wide range of particularly 11 251 • Various cleaning tasks on a wide range of particularly 11 251 • Various cleaning tasks on a wide range of particularly 11 251 • Various cleaning tasks on a wide range of particularly 11 251 • Various cleaning tasks on a wide range of particularly 11 251 • Cleaning of industrial and commecial floors, motor 12 12 12 • Cleaning of industrial and commecial floors, motor 12 12 12 12 • Cleaning of industrial and commecial floors, motor 12 12 12 100 12 • Cleaning of industrial and commecial floors, motor 12 12 12 100 12 12 100 12 12 1

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

Detergents



FLOOR CARE















-		Product QUICK FRESH	Soiling •	Fields of application Daily floor cleaning in hotels, restaurants, car		chnic አ	1	Size	Item No. 81074
		Maintenance cleaner with refreshing effect. Dilution: 1-5%; pH: 7 (1% solution)		showrooms, office buildings, supermarkets, schools, exhibition rooms, DIY markets, etc.				25 L	81226
L		WAX CLEAN Maintenance cleaner with gloss effect Dilution: 1-3%; pH: 7 (1% solution)	•	Daily floor cleaning in hotels, restaurants, car showrooms, office buildings, supermarkets, schools, exhibition rooms, DIY markets, etc.		1	2	10 L	81212
5		INTENSIVE All-round cleaner.	•	Various cleaning applications on a wide range of surfaces in trade and industry.			F I	10 L 25 L	81137 81227
	loors	All-round cleaner. Dilution: 3-10%; pH: 9.3 (1% solution)		SUITACES In trade and muusuy.				25 L 220 kg 1000 kg	81227 80804 80840
	Hard floors	TORNADO Basic cleaner. Dilution: 3-10%; pH: 11 (1% solution)		Basic cleaning of sturdy commercial and industrial floors for removing coatings, films or very severe soiling.	A	a	7.	10 L 25 L 220 kg	80940 81230 80491
		ACTIVE ACID Rust and cement haze remover.	E T	Special cleaning of sturdy commercial and industrial floors.	A	1		1000 kg 10 L 25 L	308000055 81174 81224
		Dilution: 1-5%; pH: 1.5 (1% solution) SPOT-EX Rubber scuff mark remover.		Floor cleaning in warehouses, workshops, DIY markets, supermarkets, industrial buildings		1		6 x 1 L 10 L	81316 81207
	ors	TOP WASH Spray extraction cleaner. Dilution: 1-5%; pH: 8 (1% solution)	•	Textile and hard floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc.	7	1	7	6 x 1 L 10 L	8467 80937
-	Textile floors	TOP WASH P Spray extraction cleaner. Dilution: 1-5%; pH: 10 (1% solution)	•	Textile floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc.		X .	7	6x1kg 8kg	81100 81033
		PRO GLOSS Floor gloss emulsion. Dilution: apply neat; pH: 7 (1% solution)	•	Floor sealing with gloss effect in schools, hotels, car showrooms, restaurants, supermarkets, medical practices, etc.		Л	•••••	10 L	81078
-	Care	PROTECTOR Floor polymer dispersion. Dilution: apply neat; pH: 7 (1% solution)	•	Floor sealing for lasting protection in schools, hotels, car showrooms, restaurants, supermarkets, medical practices, etc.	<u>ħ</u>	7		10 L	81077
Aug	cnc	FOAM STOP Anti-foaming agent. Dilution (waste water tank): 0.05%; pH: 7 (1% solution)	•	Foam combating for cleaning tasks with extreme foam development in the recovery tank.	a		•••••	6 x 1 L 10 L	8469 80938
	llary p	ODOUR STOP Odour combating agent.		Odour combating on surfaces and in machines in trade and industry.				1L	81176



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
Scaling protection agent. Dilution:		comparable systems.		10 L	80919
Pour neat into the scaling protection				25 L	81235
agent tanks; pH: 7.5 (1% solution)					
STONE EX Descaling agent. Dilution:	▼	Mobile and stationary high pressure washers and comparable systems.		10 L 25 L	81191 81236
Pour neat into the water tank;		comparable systems.		2J L	01230
pH: 2.7 (1% solution)					
L	•				
o					
	•				
BROXO P Regeneration salt for osmosis plants.	•	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					
Dilution: Pour neat into the saline tank; pH: not applicable	-				



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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.

The potential of this market is very promising for the future: the number of vehicles in Europe will continue to increase, environmental protection will become even more important and good maintenance of all vehicles improves residual 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.

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 unquestionable.

For further information please see www.nilfisk-alto-carwash.com













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- Product information
- Photo-Service On-line
- After Sales Service Information
- Find your nearest Service Centre
- Service/Technical Information
- Service Manuals / User Manuals
- Brochures
- Spare Parts Catalogues
- Contacts Worldwide
- News and Exhibitions
- Get to know Nilfisk-ALTO

Dealer:

The Nilfisk-ALTO brand is owned by Nilfisk-Advance, 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 over 5,000 employees worldwide, with global sales of approx. Euro 690 million in 2009. We supply quality high pressure washers, vacuum cleaners and floor care equipment to agriculture, automotive and industrial companies, cleaning contractors and private consumers. With the Nilfisk-ALTO brand we focus on innovation and growth. We believe in developing and maintaining long lasting relationships with our customers, suppliers and employees

Nilfisk-ALTO

Bowerbank Way Gilwilly Industrial Estate Penrith, Cumbria CA11 9BQ Tel: +44 (0)1768 868995 Fax: +44 (0)1768 864713 E-Mail: sales.uk@nilfisk-alto.com sales.ie@nilfisk-alto.com

Nilfisk ALTO works for you

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