

# 2009 PRODUCT PROGRAM

# Nilfisk ALTO

**Nilfisk  
ALTO**  
*Why Compromise*



# Nilfisk-ALTO – Why compromise



# News!



## Welcome

*In our 2009 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 our aim to provide our customers and end-users with products designed to meet their requirements for high quality products, which fulfil their needs for perfection in cleaning.*

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## Nilfisk-ALTO – pressure washers





## The blue choice = a complete range

For over 100 years, Nilfisk-ALTO has been a specialist in the cleaning industry combining focus on performance with a drive for ergonomics and cleaning cost reduction. Our presence in the high pressure cleaning business dates back 50 years and reunites experience from some of the market's leading brands such as KEW and WAP.

For more than 50 years, we have focused on innovations that allow our customers to reduce physical strain during work and to reduce overall costs of cleaning. We have a history of being first to market with major product innovations:

- One of the first consumer pressure washers.
- First vertical design cold water professional pressure washer.
- First dual detergent system with automatic pure rinse mode.
- Most ergonomic quick coupling accessory system.
- First EcoPower boiler system offering high water temperature at greatly reduced fuel costs.

Time and time again, we have shown that we are one step ahead of the rest – and we will remain so.

### **ErgoSystem**

*The ErgoSystem is the user-friendly equipment system for the 3rd millennium. Optimal comfort, reduced operator fatigue, and maximum efficiency!*

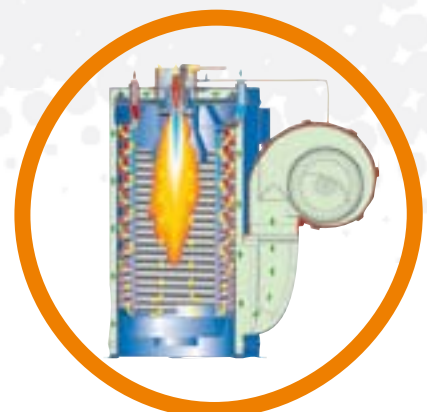
*The system includes high pressure nozzle, high pressure couplings, spray gun, and different types of lances.*



### **EcoPower Boiler = Optimal combustion**

*The patented and innovative boiler technology ensures high level of efficiency, (>92%).*

*Major fuel cost and service cost reductions. During its lifetime, the machine will almost pay for itself in fuel cost savings.*



# The Nilfisk-ALTO high pressure range



## Valuable partners for even the most intense use – the Cold Water POSEIDON line has a model for you!

The Nilfisk-ALTO POSEIDON family offers efficient cold water cleaning for demanding cleaning tasks – a range of powerful and quiet pressure washers for any application.

Our succesful POSEIDON 5 range has been updated with our own developed NA5 wobble disc pump unit. It is not only robust and cost effective – it is also quiet, making cleaning more comfortable. The machine is powered with a strong and efficient 1450 RPM motor pump unit, giving long lifetime and high reliability.

The machines in the POSEIDON 8 range are ideal for customers who need a premium machine, for everyday cleaning with low noise level and high durability in agriculture, construction, food or transport industry.

The POSEIDON 4, 5, 7 and 8 lines all offer the benefits of SilentPower: Slow running motor pumps offering optimum lifetime at low noise levels. Whether you require high pressure, or high water flow.

A new addition to our entry level, the compact cold water range, is the POSEIDON 1-20XT. It is destined for use by those professionals with very low cleaning frequency or intensity such as single employee tradesmen, or the smallest farms for occasional cleaning of equipment and vehicles. The POSEIDON 1 offers an attractive price, great compact design – and yet the quality and versatility of the Ergo spray equipment.





## The most innovative Hot Water line on the market – the NEPTUNE line has a model for you!

This range represents the heart of Nilfisk-ALTO's hot water pressure washer range and proves our commitment to a strategy of delivering user-friendly, competitive, industrial quality pressure washers to our worldwide customers.

When our professional or industrial customers select a hot water pressure washer for everyday use or heavy duty cleaning tasks, one of the most important decision factors is durability. The NEPTUNE range is the answer because professionals never compromise on their tools! Cleaning operations should be efficient, effective and economical.

Efficiency means getting the job done with a minimum of effort and in the smallest amount of time possible.

Effective means getting the job done properly... every time, on every job.

And economical means getting efficient and effective cleaning tasks done properly without wasting time or money.

NEPTUNE is the answer – You just cannot do better than NEPTUNE!

The Nilfisk-ALTO NEPTUNE range spans from the compact to the very heavy duty lines and is fit for any imaginable application in automotive, industry or agriculture. Even the most compact units offer the customer the benefit of some of the most powerful innovations on the market. The EcoPower boiler system not only reduces air pollution but, just as important, offers high efficiency heating performance with up to 16% fuel cost savings. A wide range of features also protect the machines against malfunctions, a guarantee of long lifetime.

The new offering, NEPTUNE 2 comes in a new, vertical design that not only significantly reduces footprint and storage space, but also enables the products to be wall-mounted as semi-stationary units.

## Stationary installations – the answer to your cleaning needs!

Nilfisk-ALTO's strong competence in the area of stationary cleaning units makes us the ideal and trustworthy partner for your installation projects.

Nilfisk-ALTO does not simply provide you with a standard product – we will be happy to study with you your individual cleaning needs, going so far as to provide you with a unique, customised unit.

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. For example, the units are pre-set for your own individual needs. You do not need to modify the settings, reducing the risk of error and reducing necessary training time. There is no need to transport machines from one end of the site to the other or to purchase several mobile machines to fulfil all your cleaning tasks. By placing an outlet hose or lance, or an accessory, at each cleaning point provide that each user can be operational in seconds, reducing preparation time and labour costs.

# Compact mobile cold water

## POSEIDON 1 XT POSEIDON 2 PORTABLE POSEIDON 2

### COMPACT COLD WATER POWER

The compact cold water line that combines high performance level for increased cleaning efficiency, ergonomics and durability for superior everyday cleaning.



#### POSEIDON 1 XT

- Compact design.
- Ergo 1000 accessory concept.
- Adjustable handle.
- Hose reel, additional hose and rotary jet lance.



#### POSEIDON 2 PORTABLE

- Compact design.
- Steel protective bar.
- Ergo 1000 accessory concept.



#### POSEIDON 2-28

- Ergonomic and compact design.
- Detergent injector hose and doser.
- Ergo 1000 accessory concept.
- For frequent use.
- Flow regulation.
- Brass cylinder head.
- Removable integrated detergent tank.
- Steel armed hose.
- Automatic start/stop.



#### POSEIDON 2-24 XT & 2-28 XT

- Ergonomic and compact design.
- Detergent injector hose and doser.
- Integrated hose reel, additional hose and rotary jet lance.
- Ergo 1000 accessory concept.
- For frequent use.
- Flow regulation.
- Brass cylinder head.
- Removable integrated detergent tank.
- Steel armed hose.
- Automatic start/stop.

TECHNICAL DATA	POSEIDON 1-20 XT	POSEIDON 2-24 PORTABLE	POSEIDON 2-26 PORTABLE	POSEIDON 2-24 XT	POSEIDON 2-28	POSEIDON 2-28 XT
Pump pressure (bar/MPa)	135/13.5	100/10	140/14	140/14	160/16	160/16
Cleaning impact (kg/force)	2.0	2.4	2.6	2.4	2.8	2.8
Water flow Q <sub>max</sub> /Q <sub>IEC</sub> (l/h)	500/420	650/600	610/540	610/540	600/570	600/570
Max inlet temperature (°C)	60	40	40	60	60	60
Number of pistons	3	3	3	3	3	3
Stainless steel pistons	●	●	●	●		
Ceramic pistons					●	●
Pump (RPM)	2800	2800	2800	2800	2800	2800
Dimensions LxWxH (mm)	319x366x900	555x290x275	555x290x275	394x391x955	394x391x955	394x391x955
Weight (kg)	17	24	24	23.5	23.5	23.5
Power consumption (kW)	2.1	2.2	3.2	2.9	3.3	3.3
Voltage/phase/frequency/current (V~/Hz/A)	230/1/50/9	230/1/50/10	230/1/50/10	230/1/50/12.6	230/1/50/14.5	230/1/50/14.5
El cable (m)	5	5	5	5	5	5
Detergent tank (l)					2.5	2.5
Suction height dry (m)	0.5	0.5	0.5	0.5	0.5	0.5
Nozzle size	0275	0500	0350	0350	0350	0350
<b>STANDARD EQUIPMENT</b>						
HP hose	6528613	1405569	1405569	6528613	126528620	6528613
Ergo 1000 gun	301002410	301002410	301002410	301002410	301002410	301002410
Ergo coupling	32541*	101119496	101119496	101119496	101119496	101119496
FlexoPower 3000 lance without HP nozzle	106402141	106402141	106402141	106402142	106402142	106402142
TurboHammer 3000 lance	102802848					106402177
Tornado Plus nozzle	101117692	101119741	101119736	101119736	101119736	101119736
<b>ITEM NO.</b>	<b>126134410</b>	<b>106174751</b>	<b>106174761</b>	<b>126134411</b>	<b>126134342</b>	<b>6134327</b>

## POSEIDON 3



### THE RIGHT MACHINE FOR SEMI-PROFESSIONAL, EVERYDAY USE

The semi-professional cold water line combining high performance level for increased cleaning efficiency, ergonomic design and robustness for superior everyday cleaning. Models designed for everyday use by tradesmen, on small construction sites, hobby and milk farms or in rental.



#### POSEIDON 3 XT

- Ergonomic and compact design.
- 3 stainless steel pistons.
- Detergent injector hose and doser.
- Hose reel, additional hose and rotary jet lance.
- Ergo accessory concept.

#### POSEIDON 3

- Ergonomic and compact design.
- 3 stainless steel pistons.
- Detergent injector hose and doser.
- Powerful and long lasting.
- Ergo accessory concept.



TECHNICAL DATA	POSEIDON 3-30	POSEIDON 3-30 XT	POSEIDON 3-40	POSEIDON 3-40 XT
Pump pressure (bar/MPa)	150/15	150/15	170/17	170/17
Cleaning impact (kg/force)	3.0	3.0	4.0	4.0
Water flow Q <sub>max</sub> /Q <sub>IEC</sub> (l/h)	660/600	660/600	825/750	825/750
Max inlet temperature (°C)	60	60	60	60
Number of pistons	3	3	3	3
Stainless steel pistons	●	●	●	●
Pump (RPM)	2800	2800	2800	2800
Dimensions LxWxH (mm)	400x400x1020	400x400x1020	400x400x1020	400x400x1020
Weight (kg)	34.5	37	35	37.5
Power consumption (kW)	3.4	3.4	4.2	4.2
Voltage/phase/frequency/current (V/~/Hz/A)	230/1/50/16	230/1/50/16	400/3/50/8,5	400/3/50/8,5
El cable (m)	5	5	5	5
Suction height dry (m)	0.5	0.5	0.5	0.5
Nozzle size	0400	0400	0450	0450
<b>STANDARD EQUIPMENT</b>				
HP hose	301002275	301002270	301002275	301002270
Ergo 1000 gun	301002410	301002410	301002410	301002410
Ergo coupling	101119496	101119496	101119496	101119496
FlexoPower 3000 lance without HP nozzle	106402141	106402141	106402141	106402141
Hose reel		301002343		301002343
Tornado Plus nozzle	101119738	101119738	101119740	101119740
TurboHammer 3000 lance		106402178		106402170
<b>ITEM NO.</b>	<b>301002200</b>	<b>301002201</b>	<b>301002221</b>	<b>301002222</b>

# Medium mobile cold water

## POSEIDON 4

### COMPACT COLD WATER POWER

The POSEIDON 4 is a robust and durable addition to our low mid range line of cold water pressure washers. Ideal for small and medium sized agricultural sites or for craftsmen and trade. The machine is powered by a tough and efficient 1450 RPM motor giving long lifetime and high reliability.



#### POSEIDON 4

- 1450 RPM pump.
- Axial, wobble disc pump.
- Brass pump head.
- Reduced sound level.
- 3 ceramic pistons.
- Ergonomic design.
- Detergent tank on models from 4-30.



#### POSEIDON 4 XT

- 1450 RPM pump.
- Axial, wobble disc pump.
- Brass pump head.
- Reduced sound level.
- 4 L detergent tank.
- 3 ceramic pistons.
- Ergonomic design.
- Hose reel, additional hose and rotary jet lance.

TECHNICAL DATA	POSEIDON 4-28	POSEIDON 4-28 XT	POSEIDON 4-30	POSEIDON 4-30 XT	POSEIDON 4-36	POSEIDON 4-36 XT
Pump pressure (bar/MPa)	140/14	140/14	160/16	160/16	160/16	160/16
Cleaning impact (kg/force)	2.8	2.8	3.0	3.0	3.6	3.6
Water flow Q <sub>max</sub> /Q <sub>IEC</sub> (l/h)	620/580	620/580	620/560	620/560	760/700	760/700
Max inlet temperature (°C)	60	60	60	60	60	60
Number of pistons	3	3	3	3	3	3
Ceramic pistons	●	●	●	●	●	●
Pump (RPM)	1450	1450	1450	1450	1450	1450
Dimensions LxWxH (mm)	400x400x1030	400x400x1030	400x400x1030	400x400x1030	400x400x1030	400x400x1030
Weight (kg)	38	41	38	41	38	41
Power consumption (kW)	2.9	2.9	3.3	3.3	4.2	4.2
Voltage/phase/frequency/current (V/~/Hz/A)	230/1/50/13	230/1/50/13	230/1/50/16	230/1/50/16	400/3/50/7.3	400/3/50/7.3
El cable (m)	5	5	5	5	5	5
Detergent tank (l)			4	4	4	4
Suction height dry (m)	0.5	0.5	0.5	0.5	0.5	0.5
Nozzle size	0400	0400	0350	0350	0475	0475
<b>STANDARD EQUIPMENT</b>						
HP Hose	301002275	301002270	301002275	301002270	301002275	301002270
Ergo 1000 gun	301002410	301002410	301002410	301002410	301002411	301002411
Ergo coupling	101119496	101119496	101119496	101119496	101119496	101119496
Inlet coupling, GARDENA	32541	32541	32541	32541	32541	32541
FlexoPower 3000 lance without HP nozzle	106402141	106402141	106402141	106402141	106402141	106402141
Hose reel		301002701		301002701		301002701
Detergent tank			301002751	301002751	301002751	301002751
Tornado Plus nozzle	101119738	101119738	101119736	101119736	301150005	301150005
TurboHammer 3000 lance		106402178		106402177		106402173
<b>ITEM NO.</b>	<b>301002900</b>	<b>301002902</b>	<b>301002904</b>	<b>301002910</b>	<b>301002914</b>	<b>301002918</b>

## POSEIDON 5



### PERFORMANCE, ERGONOMICS AND DURABILITY

The ideal partner for cold water cleaning tasks in all sectors. High performance, unbeatable ergonomics, and easy servicing make this an unmatched pressure washer.

#### POSEIDON 5-41, 5-55, 5-61

- Ergo system.
- Wobble disc pump.
- 1450 RPM motor pump units.
- Easy to use.
- Full ceramic pistons.
- 6 L detergent tank.
- Robust and stable for use in tough environments.
- Tornado lance.

#### POSEIDON 5-41 XT, 5-55 XT, 5-61 XT

- Ergo system.
- Wobble disc pump.
- 1450 RPM motor pump units.
- Easy to use.
- Hose reel, additional hose, rotary nozzle lance on XT models.
- Full ceramic pistons.
- 6 L detergent tank.
- Robust and stable for use in tough environments.

#### POSEIDON 5-63

- SilentPower: noise level reduced by more than 50%.
- 1450 RPM motor for longer working life.
- Ergo System reduces user fatigue and strain.
- Easy to use.
- Robust and stable for use in tough environments.

#### POSEIDON 5-63 XT

- SilentPower: noise level reduced by more than 50%.
- 1450 RPM motor for longer working life.
- Ergo System reduces user fatigue and strain.
- Easy to use.
- Robust and stable for use in tough environments.
- Vibration dampener for increased user comfort.
- Hose reel, additional hose and rotary jet lance.

TECHNICAL DATA	POSEIDON 5-41	POSEIDON 5-41 XT	POSEIDON 5-55	POSEIDON 5-55 XT	POSEIDON 5-61	POSEIDON 5-61 XT	POSEIDON 5-63	POSEIDON 5-63 XT
Pump pressure (bar/MPa)	180/18	180/18	205/20.5	205/20.5	215/21.5	215/21.5	170/17	170/17
Cleaning impact (kg/force)	4.1	4.1	5.5	5.5	6.1	6.1	6.3	6.3
Water flow Q <sub>max</sub> /Q <sub>IEC</sub> (l/h)	840/760	840/760	1050/970	1050/970	1130/1040	1130/1040	1300/1200	1300/1200
Max inlet temperature (°C)	60	60	60	60	60	60	60	60
Number of pistons	3	3	3	3	3	3	3	3
Ceramic pistons	●	●	●	●	●	●	●	●
Pump (RPM)	1450	1450	1450	1450	1450	1450	1450	1450
Dimensions LxWxH (mm)	740x570x1015	920x550x1015	740x570x1015	920x550x1015	740x570x1015	920x550x1015	740x570x1015	920x550x1015
Weight (kg)	75	85	75	85	79	89	79	89
Power consumption (kW)	4.5	4.5	6.4	6.4	7.0	7.0	7.8	7.8
Voltage/phase/frequency/current (V~/Hz/A)	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	400/3/50/14.1	400/3/50/14.1
El cable (m)	5	5	5	5	5	5	5	5
Detergent tank (l)	6	6	6	6	6	6		7
Suction height dry (m)	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Nozzle size	0400	0400	0500	0500	0530	0530	0750	0750
<b>STANDARD EQUIPMENT</b>								
HP hose	101405770	301001100	101405770	301001100	101405770	301001100	6101766	1402064
Ergo 1000 gun – VarioPress	301002411	301002411	301002411	301002411	301002411	301002411		
Ergo 3000 gun – Swivel lock							106402190	106402190
Tornado 3000 lance	106402120	106402120	106402120	106402120	106402120	106402120	106402120	106402120
Hose reel		301001310		301001310		301001310		301001310
Tornado Plus nozzle	101119738	101119738	101119741	101119741	101119742	101119742	101119749	101119749
TurboHammer 3000 lance		106402178		106402171		106402175		106402172
<b>ITEM NO.</b>	<b>107146503</b>	<b>107146516</b>	<b>107146509</b>	<b>107146514</b>	<b>107146518</b>	<b>107146522</b>	<b>301000965</b>	<b>301000967</b>

# Premium mobile cold water

## POSEIDON 7

### POWER, ROBUSTNESS AND DURABILITY

The ultimate industrial cold water unit with high water flow and high pressure. Ideal for agriculture, industry or food industry.



#### POSEIDON 7-59

- Heavy duty C3 pumps with extended lifetime.
- Inlet temperature 85°C.
- Ergo 3000 spray gun.
- 1450 RPM motor.
- 4 ceramic pistons.

#### POSEIDON 7-66

- Heavy duty C3 pumps with extended lifetime.
- Inlet temperature 85°C.
- Ergo 3000 spray gun.
- 1450 RPM motor.
- 4 ceramic pistons.



#### POSEIDON 7-66 F / FB

- Heavy duty C3 pumps with extended lifetime.
- Inlet temperature 85°C.
- Ergo 3000 spray gun.
- 1450 RPM motor.
- 4 ceramic pistons.
- Robust stainless steel frame.
- Grey, non-marking wheels and hose.
- Chemical injector with bypass on FB model.
- Onboard water break tank on FB model.



TECHNICAL DATA	POSEIDON 7-59	POSEIDON 7-66	POSEIDON 7-66 F	POSEIDON 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 Q <sub>max</sub> /Q <sub>IEC</sub> (l/h)	1200/1120	1280/1180	1280/1180	1280/1180
Max inlet temperature (°C)	85	85	85	70
Number of pistons	4	4	4	4
Ceramic pistons	●	●	●	●
Pump (RPM)	1450	1450	1450	1450
Dimensions LxWxH (mm)	1020x480x940	1020x480x940	1020x480x940	1020x480x940
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
Nozzle size	0640	0640	0640	0640
<b>STANDARD EQUIPMENT</b>				
HP Hose	6101766	6101766	6101767	6101767
Ergo 3000 gun – Swivel lock	106402190	106402190	106402190	106402190
Tornado 3000 lance, w/o nozzle	106402120	106402120	106402120	106402120
Tornado Plus nozzle	101119745	101119745	101119745	101119745
<b>ITEM NO.</b>	<b>301000210</b>	<b>301000213</b>	<b>301000223</b>	<b>301000224</b>

## POSEIDON 8



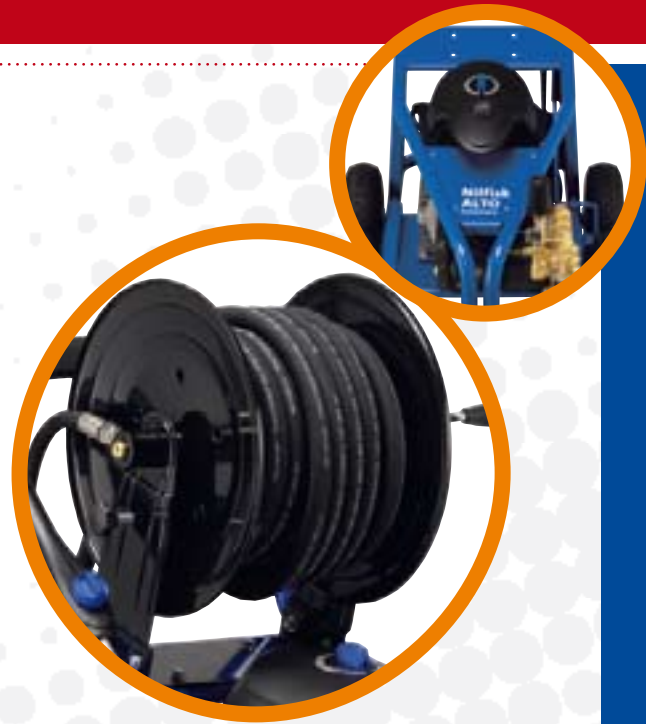
### PREMIUM CLASS HIGH FLOW COLD WATER LINE

The POSEIDON 8 line offers a wide range of models for everyday cleaning in agriculture, construction, food or transport industry. The POSEIDON 8 offers powerful cleaning, low noise level and high durability. Also available in stainless steel versions.



#### POSEIDON 8

- Slow running 1450 RPM motors with low noise level.
- Ceramic pistons for longer working life.
- Time delayed start/stop system.
- Large, wide pneumatic wheels.
- Simple and easy to use.
- Optional injector doser with suction hose.
- 2 lance holders.
- Parking brake.
- Optional hose reel.
- Stainless steel frame on ST versions.
- 15 m DN10/DN12 hose.



TECHNICAL DATA	POSEIDON 8-75	POSEIDON 8-82	POSEIDON 8-111	POSEIDON 8-111 ST	POSEIDON 8-125	POSEIDON 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 Q <sub>max</sub> /Q <sub>IEC</sub> (l/h)	1390/1320	1630/1560	2100/2050	2100/2050	2500/2450	2500/2450
Max inlet temperature (°C)	50	50	50	50	50	50
Number of pistons	3	3	3	3	3	3
Ceramic pistons	●	●	●	●	●	●
Pump (RPM)	1450	1450	1450	1450	1450	1450
Dimensions LxWxH (mm)	900x910x660	900x910x660	900x910x660	900x910x660	900x910x660	900x910x660
Weight (kg)	86	87	98	97	98	97
Power consumption (kW)	7.5	7.5	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	1.5	1.5	1.5	1.5
Nozzle size	0700	0950	1200	1200	1590	1590
<b>STANDARD EQUIPMENT</b>						
HP hose, 15 m DN10/DN12	1402064	1402064	1402064	1402064	4810213	4810213
Ergo 3000 gun	106402190	106402190	106402190	106402190	106402190	106402190
Ergo coupling	101119496	101119496	101119496	101119496	101119496	101119496
Tornado 3000 lance	106402250	106402250	106402250	106402250	106402250	106402250
Tornado Plus nozzle	101119748	101117655	101119758	101119758	301150004	301150004
<b>ITEM NO.</b>	<b>107146540</b>	<b>107146541</b>	<b>301002534</b>	<b>301002618</b>	<b>301002535</b>	<b>301002619</b>

# Pressure washers – petrol and diesel driven

## POSEIDON PE / DE

### POWER, AUTONOMY AND ROBUSTNESS

When electrical power is not available, the heavy duty POSEIDON PE and DE offer autonomy and excellent cleaning power in one tough and robust steel chassis design. Self-priming and suction capability allows you to draw water from a well, tank, lake or other natural source.



#### POSEIDON PE / DE

- Robust long life pumps with ceramic pistons.
- Robust design.
- Honda motor on petrol versions.
- Yanmar L100AE motor on diesel version.
- Wide range of models for all applications.
- Ergo accessory concept.
- Thermal dump valve on PE models.
- Automatic throttle control on PE models >9 HP.
- Hose reel with 10 m hose and 2 lances on XT models.
- POSEIDON 5-54 DE with electrical start/stop.

TECHNICAL DATA	POSEIDON 2-31 PE	POSEIDON 2-31 PE XT	POSEIDON 3-36 PE	POSEIDON 5-47 PE	POSEIDON 5-47 PE XT	POSEIDON 5-53 PE	POSEIDON 5-67 PE	POSEIDON 5-67 PE XT	POSEIDON 5-54 DE
Pump pressure (bar/MPa)	140/14	140/14	140/14	190/19	190/19	200/20	230/23	230/23	195/19.5
Cleaning impact (kg/force)	3.1	3.1	3.6	4.7	4.7	5.3	6.7	6.7	5.4
Water flow Q <sub>max</sub> /Q <sub>IEC</sub> (l/h)	700/650	700/650	840/750	900/840	900/840	1030/930	1150/1100	1150/1100	1000/950
Max inlet temperature (°C)	40	40	40	40	40	40	40	40	40
Number of pistons	3	3	3	3	3	3	3	3	3
Ceramic pistons	●	●	●	●	●	●	●	●	●
Automatic throttle control				●	●	●	●	●	●
Pump (RPM)	3400	3400	3400	3400	3400	3400	1550	1550	1500
Dimensions LxWxH (mm)	800x565x1010	800x565x1010	800x565x1010	800x565x1010	800x565x1010	800x565x1010	800x565x1010	800x565x1010	1000x615x1150
Weight (kg)	35	35	38	53	53	60	68	68	110
Power consumption (kW)	3.7	3.7	4.1	6.7	6.7	8.2	9.7	9.7	7.5
Motor power (HP)	5	5	5.5	9	9	11	13	13	10
Motor type	HONDA GC 160	HONDA GC 160	HONDA GX 160	HONDA GX 270	HONDA GX 270	HONDA GX 340	HONDA GX 390	HONDA GX 390	YANMAR L 100 AE
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	0.0 - 0.5	0.5 - 1.0	0.5 - 1.0	0.5 - 1.0
Nozzle size	0400	0400	0500	0450	0450	0500	0550	0550	0530
<b>STANDARD EQUIPMENT</b>									
HP Hose	1405569		1405569	1405569		1405569	1405569		1405569
Hose reel with 10 m hose		●			●			●	
GARDENA male 3/4"	32541	32541							
Hose nozzle/20 R 3/4		61369	61369	61369	61369	61369	61369	61369	61369
Ergo 1000 gun	301002410	301002410	301002410	301002410	301002410	301002410	301002410	301002410	301002410
FlexoPower 3000 lance	106402141	106402141	106402141	106402141	106402141	106402141			
Turbohammer 3000 lance, w nozzle		106402178			106402170			106402175	
Tornado 3000 lance							106402121	106402121	106402121
Tornado Plus nozzle	101119738	101119738	101119741	101119740	101119740	101119741	101119743	101119743	101119742
<b>ITEM NO.</b>	<b>106174730</b>	<b>106174741</b>	<b>106174731</b>	<b>106174732</b>	<b>106174742</b>	<b>106174733</b>	<b>106174734</b>	<b>106174743</b>	<b>106174740</b>

# Pressure washers – fluid and air driven

KLU / KOS



## PNEUMATIC AND HYDRAULIC POWERED PRESSURE WASHERS

*Pneumatic and hydraulic powered pressure washers are ideal for potentially dangerous zones where diesel or electrical power is not recommended.*



### KOS / KLU

- 4 stainless steel pistons.
- 03 pump unit.
- 1450 RPM motor.
- KLU is pneumatically driven.
- KOS is hydraulically driven (oil driven).

TECHNICAL DATA	4403 KOS	2603 KLU
Pump pressure (bar/MPa)	160/16	120/12
Cleaning impact (kg/force)	5.9	3.9
Water flow Q <sub>max</sub> /Q <sub>IEC</sub> (l/h)	1150/1040	950/880
Max inlet temperature (°C)	65	40
Number of pistons	4	4
Stainless steel pistons	●	●
Pump (RPM)	1450	1450
Dimensions LxWxH (mm)	530x319x450	1000x545x825
Weight (kg)	44	70
Power	Fluid oil driven, 42.7 l/m / 95 bar	Air driven, 170m <sup>3</sup> /h
Nozzle size	0640	0640
STANDARD EQUIPMENT		
HP hose	6101766	6101766
Ergo 3000 gun	106402190	106402190
Double lance	1404813	1405622
Ergo coupling, female	106402075	106402075
NITO coupling, hose end	1600659	1600659
<b>ITEM NO.</b>	<b>6170330</b>	<b>6170000</b>

# NEPTUNE 2



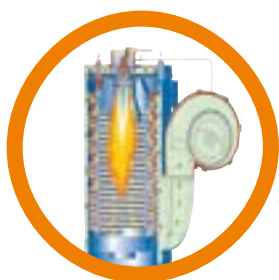
The new NEPTUNE 2 is the newest offering in our compact class, with the vertical design the footprint of the machine is reduced considerably, making storage and transport less of a problem. The NEPTUNE 2 will fit easily into the corner of a workshop, into a commercial vehicle. It can even be hung nicely onto a wall, well out of harm's way. The latest in innovative design for even greater user friendliness.

The new NEPTUNE 2 reaches new heights. Compact and easy to store, the new products are nevertheless very easy to transport. The vertical design with ideally placed transport handle makes the product easy to push and pull. The large wheels and good ground clearance increase maneuverability over steps or rough ground.

Nilfisk-ALTO has always been at the forefront of ergonomics and handling as proven by the award-winning NEPTUNE 5 design.

#### NEPTUNE 2 is characterized by:

- 16% lower fuel cost.
- 26% smaller footprint.
- 27% higher fuel autonomy.
- 100% improved mobility.



#### **EcoPower Boiler**

*NEPTUNE 2 is of course equipped with the standard setting EcoPower boiler system, offering low fuel consumption levels and low running costs combined with low maintenance costs.*



#### **Fuel tank**

*The fuel tank is equipped with a patented anti-leak system, ensuring that there is no fuel spill even in horizontal position. In addition, the machine is protected against low fuel levels, ensuring that the fuel pump is always protected.*

## Compact mobile hot water

### NEPTUNE 2



#### COMPACT HOT WATER

A new, innovative design for this compact hot water unit, ideal for vehicle, trade and small agriculture. The new NEPTUNE 2 series offer compactness, ease of storage, reliability and low running costs.

#### NEPTUNE 2

- Mobile vertical design.
- 2800 rpm motor.
- Ceramic pistons.
- Brass cylinder head.
- Pressure activated unloader.
- Removable detergent tank.
- Low running and maintenance costs.
- Low fuel cut off.
- Flame sensor.
- Exhaust gas sensor.
- Two lance holders.
- Unbeatable ergonomics.
- Low storage space and footprint.
- Excellent cleaning performance.



TECHNICAL DATA	NEPTUNE 2-26	NEPTUNE 2-26 X	NEPTUNE 2-33	NEPTUNE 2-33 X	NEPTUNE 2-41	NEPTUNE 2-41 X
Pump pressure (bar/MPa)	145/14.5	145/14.5	170/17	170/17	190/19	190/19
Cleaning impact (kg/force)	2.6	2.6	3.3	3.3	4.1	4.1
Water flow Q <sub>max</sub> /Q <sub>IEC</sub> (l/h)	600/530	600/530	690/630	690/630	780/730	780/730
Number of pistons	3	3	3	3	3	3
Ceramic pistons	●	●	●	●	●	●
Pump (RPM)	2800	2800	2800	2800	2800	2800
Water temperature (water/steam) (°C)	80/150	80/150	80/150	80/150	80/150	80/150
Fuel consumption ΔT 45°C (kg/h)	2.6	2.6	3.1	3.1	3.5	3.5
Fuel tank	17	17	17	17	17	17
Dimensions LxWxH (mm)	607x688x1000	607x688x1071	607x688x1000	607x688x1071	607x688x1000	607x688x1071
Weight (kg)	97	99	97	99	97	99
Power consumption (kW)	3.4	3.4	4.1	4.1	5.1	5.1
Voltage/Phase/Frequency/Current (V/~/Hz/A)	230/1/50/14.5	230/1/50/14.5	400/3/50/8	400/3/50/8	400/3/50/9	400/3/50/9
Detergent tank (l)	5	5	5	5	5	5
El cable (m)	5	5	5	5	5	5
Nozzle size	0340	0340	0370	0370	0400	0400
<b>STANDARD EQUIPMENT</b>						
HP hose	301002275	301002270	301002275	301002270	301002275	301002270
Ergo 1000 gun	301002410	301002410	301002410	301002410	301002410	301002410
GARDENA coupling	32541	32541	32541	32541	32541	32541
Hose reel		107145197		107145197		107145197
Universal 3000 lance, without nozzle	106402161	106402161	106402161	106402161	106402161	106402161
Tornado Plus nozzle	101119735	101119735	101119737	101119737	101119738	101119738
<b>ITEM NO.</b>	<b>107145003</b>	<b>107145004</b>	<b>107145009</b>	<b>107145010</b>	<b>107145013</b>	<b>107145014</b>

# Medium mobile hot water

## NEPTUNE 4

### A SIMPLE, EFFICIENT CLEANING TOOL

The NEPTUNE 4 series deliver high performance, ease of use, low noise and high cleaning efficiency... as well as low running and maintenance costs, robustness, durability and high cleaning efficiency. Heating costs are reduced with the award-winning EcoPower boiler (> 92% efficiency).



#### NEPTUNE 4

- EcoPower boiler with > 92% efficiency.
- Reduced running costs.
- Reduced air pollution.
- Full ceramic piston pump.
- 1450 RPM.
- QuickService concept reduces maintenance costs.
- Easy to use control panel... all controls in one place.
- Ergo accessory system for additional user comfort.
- Compact design.
- Steel frame and chassis.
- Easy to move and transport.
- Hose reel and additional hose on XT models.
- WDK self-cleaning detergent valve.

TECHNICAL DATA	NEPTUNE 4-30	NEPTUNE 4-30 X
Pump pressure (bar/MPa)	110/11	110/11
Cleaning impact (kg/force)	3.0	3.0
Water flow Q <sub>max</sub> /Q <sub>IEC</sub> (l/h)	750/700	750/700
Number of pistons	3	3
Ceramic pistons	●	●
Pump (RPM)	1450	1450
Water temperature (water/steam) (°C)	80/150	80/150
Fuel consumption ΔT 45°C (kg/h)	3.5	3.5
Fuel tank (l)	15	15
Dimensions LxWxH (mm)	1053x685x760	1053x685x760
Weight (kg)	135	140
Power consumption (kW)	3.4	3.4
Voltage/Phase/Frequency/Current (V/~/Hz/A)	240/1/50/15.6	240/1/50/15.6
El cable (m)	5	5
Nozzle size	0530	0550
<b>STANDARD EQUIPMENT</b>		
HP hose	301002275	301002270
Ergo 1000 gun	301002410	301002410
Ergo coupling	101119496	101119496
Hose reel		301001688
Universal 3000 lance without HP nozzle	106402163	106402163
Tornado Plus nozzle	101119742	101119743
<b>ITEM NO.</b>	<b>301002471</b>	<b>301002636</b>

## NEPTUNE 4



### A SIMPLE, EFFICIENT CLEANING TOOL

The NEPTUNE 4 series delivers high performance, ease of use, low noise and high cleaning efficiency... as well as low running and maintenance costs, robustness, durability and high cleaning efficiency. Heating costs are reduced with the award-winning EcoPower boiler (> 92% efficiency).



#### NEPTUNE 4

- EcoPower boiler with > 92% efficiency.
- Reduced running costs.
- Reduced air pollution.
- Full ceramic piston pump.
- 1450 RPM.
- QuickService concept reduces maintenance costs.
- Easy to use control panel... all controls in one place.
- Ergo accessory system for additional user comfort.
- Compact design.
- Steel frame and chassis.
- Easy to move and transport.
- Hose reel and additional hose on XT models.

TECHNICAL DATA	NEPTUNE 4-42	NEPTUNE 4-42 X	NEPTUNE 4-49	NEPTUNE 4-49 X	NEPTUNE 4-54	NEPTUNE 4-54 X
Pump pressure (bar/MPa)	170/17	170/17	180/18	180/18	200/20	200/20
Cleaning impact (kg/force)	4.2	4.2	4.9	4.9	5.4	5.4
Water flow Q <sub>max</sub> /Q <sub>IEC</sub> (l/h)	860/800	860/800	950/900	950/900	1050/1000	1050/1000
Number of pistons	3	3	3	3	3	3
Ceramic pistons	●	●	●	●	●	●
Pump (RPM)	1450	1450	1450	1450	1450	1450
Water temperature (water/steam) (°C)	80/150	80/150	80/150	80/150	80/150	80/150
Fuel consumption ΔT 45°C (kg/h)	4.1	4.1	4.4	4.4	4.9	4.9
Fuel tank (l)	15	15	15	15	15	15
Dimensions LxWxH (mm)	1053x685x760	1053x685x760	1053x685x760	1053x685x760	1053x685x760	1053x685x760
Weight (kg)	135	140	135	140	135	140
Power consumption (kW)	5.6	5.6	6.9	6.9	7.9	7.9
Voltage/Phase/Frequency/Current (V/~/Hz/A)	400/3/50/10	400/3/50/10	400/3/50/12.6	400/3/50/12.6	400/3/50/14	400/3/50/14
El cable (m)	5	5	5	5	5	5
Nozzle size	0475	0475	0550	0550	0500	0500
<b>STANDARD EQUIPMENT</b>						
HP hose	1405569	301001100	1405569	301001100	1405569	301001100
Ergo 1000 gun	301002410	301002410	301002410	301002410	301002410	301002410
Ergo coupling	101119496	101119496	101119496	101119496	101119496	101119496
Hose reel		301001688		301001688		301001688
Universal 3000 lance	106402163	106402163	106402163	106402163	106402163	106402163
Tornado Plus nozzle	301150005	301150005	101119743	101119743	101119741	101119741
<b>ITEM NO.</b>	<b>301002474</b>	<b>301002639</b>	<b>301002475</b>	<b>301002640</b>	<b>301002477</b>	<b>301002642</b>

# Medium mobile hot water

## NEPTUNE 5

### THE PROFESSIONAL SOLUTION

The versatile NEPTUNE 5 series combines low running costs, ease of use, low noise and high cleaning efficiency. The most effective tool for daily hot water cleaning in any sector.



#### NEPTUNE 5

- EcoPower boiler with > 92% efficiency.
- Full ceramic piston pump.
- Brass cylinder head.
- Reduced running costs.
- 1450 RPM new NA5 wobble disc pump.
- QuickService – reduced maintenance costs and service time.
- Efficient motor cooling.
- Tough metal frame.
- Fuel level indicator.
- Constant heat, raise more than 80°C possible.
- Delayed start/stop for durability.
- WDK self-cleaning, A-B detergent valve.
- Steam capability, for special tasks.
- Hose reel (standard on X models).
- Ergo accessory system for additional user comfort.



TECHNICAL DATA	NEPTUNE 5-27	NEPTUNE 5-42	NEPTUNE 5-49	NEPTUNE 5-49 X	NEPTUNE 5-57	NEPTUNE 5-57 X
Pump pressure (bar/MPa)	110/11	170/17	180/18	180/18	200/20	200/20
Cleaning impact (kg/force)	2.7	4.2	4.9	4.9	5.7	5.7
Water flow Q <sub>max</sub> /Q <sub>IEC</sub> (l/h)	700/630	860/800	970/900	970/900	1080/1000	1080/1000
Max inlet temperature (°C)	40	40	40	40	40	40
Number of pistons	3	3	3	3	3	3
Ceramic pistons	●	●	●	●	●	●
Pump (RPM)	1450	1450	1450	1450	1450	1450
Water temperature (water/steam) (°C)	80/150	80/150	80/150	80/150	80/150	80/150
Fuel consumption ΔT 45°C (kg/h)	3.1	3.9	4.3	4.3	4.8	4.8
Fuel tank (l)	35	35	35	35	35	35
Dimensions LxWxH (mm)	1190x702x987	1190x702x987	1190x702x987	1190x702x987	1190x702x987	1190x702x987
Weight (kg)	175	180	184	189	184	189
Power consumption (kW)	3.3	5.6	6.9	6.9	7.9	7.9
Voltage/Phase/Frequency/Current (V/~/Hz/A)	230/1/50/14	400/3/50/10	400/3/50/12	400/3/50/12	400/3/50/13	230-400/3/50/22-13
Detergent tank (l)	A:15 + B:10	A:15 + B:10	A:15 + B:10	A:15 + B:10	A:15 + B:10	A:15 + B:10
El cable (m)	5	5	5	5	5	5
Nozzle size	0450	0450	0550	0550	0550	0550
<b>STANDARD EQUIPMENT</b>						
HP hose	101405770	101405770	101405770	301001101	6101766	1402072
Ergo 1000 gun	301002410	301002411	301002411	301002411	301002411	
Ergo 3000 gun						106402191
Hose reel				301001131		301001131
Tornado 3000 lance				106402120	106402120	106402120
Universal 3000 lance without HP nozzle	106402160	106402160	106402160			
Tornado Plus nozzle	101119740	101119740	101119743	101119743	101119743	101119743
<b>ITEM NO.</b>	<b>301000813</b>	<b>301000815</b>	<b>301000817</b>	<b>301000819</b>	<b>301000821</b>	<b>301000822</b>

## NEPTUNE E



### ELECTRICAL HEATED HOT WATER UNIT

The ergonomic and easy to use NEPTUNE design is now adapted to an electrical heated hot water unit. Ideal for use in areas where exhaust gases must be avoided, the NEPTUNE E offers pollution free hot water cleaning.



#### NEPTUNE E

- Pollution free electrical heating.
- 1450 RPM motor with low noise level.
- QuickService concept reduces maintenance costs.
- Easy to use control panel, all controls in one place.
- Ergo accessory system for additional user comfort.

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 Q <sub>max</sub> /Q <sub>IEC</sub> (l/h)	750/720	750/720
Max inlet temperature (°C)	70	70
Number of pistons	3	3
Ceramic pistons	●	●
Pump (RPM)	1450	1450
Max temperature (°C)	30-80	30-80
Dimensions LxWxH (mm)	1190x702x987	1190x702x987
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
<b>STANDARD EQUIPMENT</b>		
HP hose	101405770	101405770
Ergo 1000 gun	301002410	301002410
Universal 3000 lance	106402163	106402163
Tornado Plus nozzle	101119739	101119739
<b>ITEM NO.</b>	<b>301002020</b>	<b>301002021</b>

# Premium mobile hot water

## NEPTUNE 7 NEPTUNE 8

### THE SOLUTION FOR INDUSTRIAL TASKS

The tough and robust NEPTUNE 7 and NEPTUNE 8 series combines low running costs, ease of use, low noise and high cleaning efficiency. The most effective tool for heavy duty, industrial hot water cleaning in any sector.



#### NEPTUNE 7

- EcoPower boiler with > 92% efficiency.
- C3 pump with 4 ceramic pistons.
- Brass cylinder head.
- Reduced running costs.
- QuickService – reduced maintenance costs and service time.
- 1450 RPM, 4-pole motor with low noise level.
- Efficient motor cooling.
- Tough metal frame.
- Fuel level indicator.
- External water-break tank.
- Constant heat raise more than 80°C possible.
- Delayed start/stop for durability.
- WDK self-cleaning, A-B detergent valve.
- Steam capability, for special tasks.
- Hose reel (X2 models).
- Hose reel for el cable (X2 models).
- Ergo accessory system for additional user comfort.



#### NEPTUNE 8

- EcoPower boiler with > 92% efficiency.
- FCS - Flow Control System.
- 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.
- Ergo accessory system for additional user comfort.
- Use by 1 or 2 people at same time.

TECHNICAL DATA	NEPTUNE 7-63	NEPTUNE 7-63 X2	NEPTUNE 8-103
Pump pressure (bar/MPa)	175/17.5	175/17.5	180/18
Cleaning impact (kg/force)	6.3	6.3	10.3
Water flow Q <sub>max</sub> /Q <sub>IEC</sub> (l/h)	1260/1170	1260/1170	2000/1950
Number of pistons	4	4	3
Ceramic pistons	●	●	●
Pump (RPM)	1450	1450	1450
Water temperature (water/steam) (°C)	100/150	100/150	70/150
Fuel consumption ΔT 45°C (kg/h)	5.6	5.6	9.4
Fuel tank (l)	35	35	35
Dimensions LxWxH (mm)	1190x702x987	1190x702x987	1190x702x987
Weight (kg)	217	224	230
Power consumption (kW)	8.3	8.3	12
Voltage/Phase/Frequency/Current (V/~/Hz/A)	400/3/50/15	400/3/50/15	400/3/50/21
El cable (m)	5	10	5
Detergent tank (l)	A:15 + B:10	A:15 + B:10	A:15 + B:10
Nozzle size	0680	0680	1200
<b>STANDARD EQUIPMENT</b>			
HP hose	6101766	1402072	6101766
Ergo 3000 gun	106402191	106402191	106402190
Ergo coupling	101119496	101119496	101119496
Hose reel		301001130	
Tornado 3000 lance	106402120	106402120	106402120
Tornado Plus nozzle	101119747	101119747	101119758
<b>ITEM NO.</b>	<b>301000826</b>	<b>301000828</b>	<b>301001786</b>

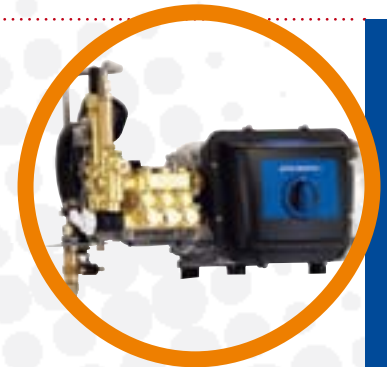
# Stationary cold water

## MAXXI ALPHA BOOSTER



### COMPACT STATIONARY LINE FOR EVERYDAY COLD WATER CLEANING

The MAXXI 4-73S and ALPHA BOOSTER line offer a wide range of professional models for everyday cleaning in agriculture, butcher's shops, bakeries, around swimming pools and in garages and car rental companies. Furthermore, the ALPHA BOOSTER offers powerful cleaning, low sound level and high durability.



#### MAXXI 4-73S

- Ceramic pistons for longer working life.
- Simple and easy to use.
- Equipped with hose, lance and spray gun.

#### ALPHA BOOSTER

- Single and three phase versions.
- Quiet, slow running 1450 RPM motors.
- Ceramic pistons for longer working life.
- Simple and easy to use.
- Equipped with hose, lance and spray gun.
- Stainless steel cabinet on ALPHA BOOSTER 5 and ALPHA BOOSTER 8.

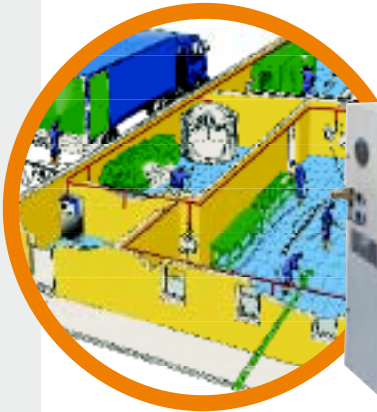
TECHNICAL DATA	MAXXI 4-73S	ALPHA BOOSTER 3-26	ALPHA BOOSTER 3-41	ALPHA BOOSTER 5-49	ALPHA BOOSTER 8-103
Pump pressure (bar/MPa)	180/18	135/13.5	180/18	180/18	180/18
Cleaning impact (kg/force)	7.3	2.6	4.1	4.9	10.3
Water flow Q <sub>max</sub> /Q <sub>IEC</sub> (l/h)	1450/1350	600/570	825/750	970/900	2000/1950
Max inlet temperature (°C)	50-60	50-60	50-60	50-60	50-60
Number of pistons	3	3	3	3	3
Ceramic pistons	●	●	●	●	●
Pump (RPM)	2800	1450	1450	1450	1450
Dimensions LxWxH (mm)	730x560x525	560x350x370	560x350x370	643x357x365	655x425x467
Weight (kg)	69	39	39	48	78
Power consumption (kW)	9.1	3.3	5.2	6.9	12.0
Voltage/Phase/Frequency/Current (V/~/Hz/A)	400/3/50/15.9	230/1/50/13.5	400/3/50/9.9	400/3/50/12.5	400/3/50/21
Stainless steel cabinet				●	●
El cable (m)	5	5	5	5	5
Nozzle size	0800	0370	0400	0500	1000
<b>STANDARD EQUIPMENT</b>					
HP hose	6101766	301002275	301002275	1405569	6101766
Ergo 1000 gun		301002410	301002410	301002410	
Ergo 3000 gun	106402190				106402190
Ergo coupling kit	101119496	101119496	101119496	101119496	101119496
FlexoPower 3000 lance	106402141	106402141	106402141	106402141	106402141
Tornado Plus nozzle	101119750	101119737	101119738	101119741	101119754
<b>ITEM NO.</b>	<b>107361030</b>	<b>107361115</b>	<b>107361130</b>	<b>107361230</b>	<b>107361330</b>

# Stationary cold water

## UNO BOOSTER DUO BOOSTER

### **FLEXIBLE, RELIABLE AND ALWAYS READY TO START**

*UNO BOOSTER: 1-pump unit for medium and heavy cleaning applications in agriculture, milking sheds, industry, food industry and shipping. DUO BOOSTER: 2-pump unit for medium and heavy cleaning applications in agriculture, milking sheds, industry, food industry and shipping.*



#### **UNO BOOSTER**

- Stainless steel design for added hygiene and protection against corrosion.
- High level of serviceability.
- 70°C inlet water temperature.
- Water break tank.
- Heavy duty C3 pump for long working life.
- PLC for use of factory mounted options on EXTENDED version.

#### **DUO BOOSTER**

- 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.
- 70°C inlet water temperature.
- Water break tank.
- Heavy duty C3 pump for long working life.
- DUO BOOSTER 7 with intelligent pump control system.

TECHNICAL DATA	UNO BOOSTER	UNO BOOSTER EXTENDED	DUO BOOSTER	DUO BOOSTER 7-121
Pump pressure (bar/MPa)	160/16	160/16	160/16	180/18
Cleaning impact (kg/force)	5.7	5.7	11.4	12.1
Water flow Q <sub>max</sub> /Q <sub>IEC</sub> (l/h)	1200/1120-540	1200/1120-540	2400/2240-1120	2400/2240-1120
Max inlet temperature (°C)	70	70	70	70
Number of pistons	4	4	4	4
Ceramic pistons	●	●	●	●
Pump (RPM)	1450	1450	1450	1450
Pump	1	1	2	2
Dimensions LxWxH (mm)	370x700x500	370x700x500	370x800x900	370x800x900
Weight (kg)	81	81	160	160
Power consumption (kW)	6.7	6.7	13.5	16.4
Voltage/Phase/Frequency/Current (V/~/Hz/A)	400/3/50/12	400/3/50/12	400/3/50/24	400/3/50/27
Stainless steel cabinet	●	●	●	●
El cable (m)	4	4	4	4
Nozzle size	0640	0640	0640	0640
<b>ITEM NO.</b>	<b>107340030</b>	<b>107340130</b>	<b>107340230</b>	<b>107340430</b>

## DELTA BOOSTER



### THE ULTIMATE SOLUTION

3 to 6-pump stationary cold water unit for the heaviest cleaning applications in industry, food industry and shipping.

#### 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 of up to 85°C into break tank and 70°C through pumps.
- Stainless steel design with high level of accessibility and serviceability.
- Machine continues to run whilst individual pumps can be removed for service.
- Line pressures from 60 to 200 bar available.



TECHNICAL DATA	DELTA BOOSTER 3-PUMPS	DELTA BOOSTER 3-PUMPS	DELTA BOOSTER 4-PUMPS	DELTA BOOSTER 5-PUMPS	DELTA BOOSTER 6-PUMPS	DELTA BOOSTER 6-PUMPS
Pump pressure (bar/MPa)	160/16	100/10	160/16	160/16	160/16	100/10
Cleaning impact (kg/force)	5.3-15.9	4.6-13.9	5.3-21.3	5.3-26.6	5.3-31.8	4.6-27.8
Water flow Q <sub>max</sub> /Q <sub>IEC</sub> (l/h)	3120/1040	3438/1146	4160/1040	5200/1040	6230/1040	6876/1146
Max inlet temperature (°C)	85	85	85	85	85	85
Number of pistons	4	4	4	4	4	4
Ceramic pistons	●	●	●	●	●	●
Pump (RPM)	1450	1450	1450	1450	1450	1450
Number of pumps	3	3	4	5	6	6
Dimensions LxWxH (mm)	715x790x1800	715x790x1800	715x790x1800	715x790x1800	715x790x1800	715x790x1800
Weight (kg)	300	300	350	400	450	450
Power consumption (kW)	20.1	18.6	27	33.75	40.5	40.2
El cable (m)	4	4	4	4	4	4
Auto standby	●	●	●	●	●	●
Voltage/Phase/Frequency/Current (V/~/Hz/A)	400/3/50/35.5	400/3/50/32	400/3/50/47.5	400/3/50/58	400/3/50/69.5	400/3/50/63.5
ITEM NO.	7330130	107330101	7330230	7330330	7330430	107330401

# Stationary hot water

## SOLAR BOOSTER DIESEL SOLAR BOOSTER GAS

### OPTIMAL FOR TOUGH AND INTENSE CLEANING

Hot water stationary units for tough applications in automotive, industry, shipping and food sectors. The SOLAR BOOSTER line offers low heating and running costs combined with an easy to use and easy to service design. The onboard PLC permits customising the machine with factory mounted options.



#### SOLAR BOOSTER DIESEL

- Expandable control technology with PLC, customisation through options.
- Unit diagnosis system.
- Reduced running and service costs.
- Easy to use concept.
- EcoPower boiler with > 92% efficiency.
- Galvanized steel frame.
- MMO - Multiple Machine Option.

#### SOLAR BOOSTER GAS

- Expandable control technology with PLC, customisation through options.
- Unit diagnosis system.
- Reduced running and service costs.
- Easy to use concept.
- New economical gas burner.
- Galvanized steel frame.
- Closed air intake.
- MMO - Multiple Machine Option.

TECHNICAL DATA	DIESEL				GAS		
	SOLAR BOOSTER 5-45 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
Pump pressure (bar/MPa)	150/15	165/16.5	170/17	180/18	150/15	170/17	170/17
Cleaning impact (kg/force)	4.5	5.2	5.8	10.3	4.5	5.8	5.2
Water flow Q <sub>max</sub> /Q <sub>IEC</sub> (l/h)	1020/900	1100/1000	1200/1110	2000/1900	1000/900	1200/1110	1200/1110
Max inlet temperature (°C)	30	30	30	30	60	60	85
Heating power (kW)	80	80	115	115	93	118	60
Number of pistons	3	3	4	3	3	4	4
Ceramic pistons	●	●	●	●	●	●	●
Pump (RPM)	1450	1450	1450	1450	1450	1450	1450
Water temperature, max. (°C)	99	99	99	99	99	99	85
Fuel consumption ΔT 45°C (kg/h)	4.3	4.8	4.9	9.4			
Gas consumption ΔT (m <sup>3</sup> /h)					4.5	5.6	5.7
Dimensions LxWxH (mm)	700x900x940	700x900x940	700x900x940	700x900x940	700x900x1100	700x900x1100	700x900x1100
Weight (kg)	184	189	212	232	186	214	248
Power consumption (kW)	7.5	8.3	8.9	14.1	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	400/3/50/15	400/3/50/24	400/3/50/14	400/3/50/15	400/3/50/12.8
El cable (m)	4	4	4	4	4	4	4
Nozzle size	0550	0600	0680	1100	0550	0680	0640
ITEM NO.	107370050	107370055	107370070	107370080	107370450	107370470	107370490

## SOLAR BOOSTER ELECTRIC



### OPTIMAL FOR TOUGH AND INTENSE CLEANING

Hot water stationary units for tough applications in automotive, industry, shipping and food sectors. The SOLAR BOOSTER line offers low heating and running costs combined with an easy to use and easy to service design. The onboard PLC permits customising the machine with factory mounted options.

#### SOLAR BOOSTER ELECTRIC

- Expandable control technology with PLC, customisation through options.
- Unit diagnosis system.
- Reduced running and service costs.
- Easy to use concept.
- Electrical heating available from 18 to 54 kW.
- 119 L electrical tank.
- Galvanized steel frame.
- MMO - Multiple Machine Option.



#### ELECTRIC

TECHNICAL DATA	SOLAR BOOSTER 7-38 E18H	SOLAR BOOSTER 7-58 E18H	SOLAR BOOSTER 7-58 E36H	SOLAR BOOSTER 7-58 E54H
Pump pressure (bar/MPa)	135/13.5	170/17	170/17	170/17
Cleaning impact (kg/force)	3.8	5.8	5.8	5.8
Water flow Q <sub>max</sub> /Q <sub>IEC</sub> (l/h)	875/810	1200/1110	1200/1110	1200/1110
Max inlet temperature (°C)	85	85	85	85
Heating power (kW)	18	18	36	54
Number of pistons	4	4	4	4
Ceramic pistons	●	●	●	●
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 LxWxH (mm)	700x900x940	700x900x940	700x900x940	700x900x940
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
ITEM NO.	107370260	107370270	107370274	107370276

# Stationary hot water

## TRUCK BOOSTER AUTO BOOSTER NEPTUNE SB

### HOT WATER SELF-SERVICE UNITS

Hot water stationary self-service units for permanent outside placement for use in fleet, for car washing centres, service stations, garages, haulage sectors or in slaughter house delivery yards. The NEPTUNE SB is a self-service version of the NEPTUNE 5, with a coin box for self-service use.



#### TRUCK BOOSTER

- Stainless steel robust design against corrosion.
- EcoPower boiler for reduced fuel consumption costs.
- SilentPower, low noise level with 1450 RPM motor pump units.
- Simple control panel with only 4 buttons.
- Ergo 3000 accessories for user-friendliness.
- Internal frost protection down to minus 20°C.

#### 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.
- Closed circuit frost protection for hose and gun.
- Electronic coiner pre-programmed and with teach mode.
- Spring assisted boom for ease of use.
- 3 m clearance height.
- Can be made in oil company colours.
- Self-service unit.



#### NEPTUNE SB

- EcoPower boiler with > 92% efficiency.
- Full ceramic piston pump.
- Reduced running costs.
- 1450 RPM motor with low noise level.
- QuickService concept reduces maintenance costs.
- Easy to use control panel, all controls in one place.
- Ergo accessory system for additional user comfort.
- Self-service unit.

TECHNICAL DATA	TRUCK BOOSTER 5-49 D	TRUCK BOOSTER 7-63 D	AUTO BOOSTER 5-20 DIESEL	AUTO BOOSTER 5-20 ELECTRIC	NEPTUNE SB
Pump pressure (bar/MPa)	180/18	175/17.5	100/10	100/10	80/8
Cleaning impact (kg/force)	4.9	6.3	2	2	2.7
Water flow Q <sub>max</sub> /Q <sub>IEC</sub> (l/h)	970/930	1260/1170	500/500	500/500	860/800
Max inlet temperature (°C)	30	30	30	30	30
Number of pistons	3	4	3	3	3
Ceramic pistons	●	●	●	●	●
Pump (RPM)	1450	1450	1450	1450	1450
Water temperature (water/steam) (°C)	90/150	90/150	60/-	60/-	80/-
Fuel consumption ΔT 45°C (kg/h)	4.3	5.6	2.7		3.7
Fuel tank (l)	33	33	33		35
Detergent tank (l)	2x25	2x25	3x25	3x25	
Dimensions LxWxH (mm)	1025x715x1670	1025x715x1670	1025x715x1670	1025x715x1550	1190x702x1287
Weight (kg)	275	285	226	226	195
Power consumption (kW)	7.2	8.2	4.5	16.5	5.6
Voltage/Phase/Frequency/Current (V/~/Hz/A)	400/3/50/14	400/3/50/16	400/3/50/10.8	400/3/50/28	400/3/50/10
El cable (m)					5
Auto standby	●	●	●	●	
Nozzle size	0550	0680	0370	0370	2508
<b>STANDARD EQUIPMENT</b>					
HP hose	6101766	6101766			6101766
Ergo 3000 gun – Swivel lock	106402190	106402190			106402190
Ergo coupling	101119496	101119496			101119496
Tornado 3000 lance	106402120	106402120			106402163
Winter gun and lance			106402240	106402240	
Tornado Plus nozzle	101119743	101119747	101119737	101119737	101119741
<b>ITEM NO.</b>	<b>107370830</b>	<b>107370810</b>	<b>107370850</b>	<b>107370860</b>	<b>301002023</b>

# Pressure washers – petrol driven

## CONTRACTOR



### HEAVY DUTY PETROL AND DIESEL DRIVEN

The CONTRACTOR line of heavy duty petrol and diesel driven hot water pressure washers are ideal for intense cleaning applications in construction, public or industrial sectors.



#### CONTRACTOR

- Powerful heating system.
- C3 pump with 4 pistons for heavy duty use.
- Strong and robust steel frame and roll bar for protection.
- Electrical starting system.
- Versions with high flow or high pressure.
- Silent version with sound insulation system.

TECHNICAL DATA	CONTRACTOR MASTER	CONTRACTOR SILENT	CONTRACTOR DIESEL	CONTRACTOR HEAVY DUTY
Pump pressure (bar/MPa)	220/22	220/22	180/18	210/21
Cleaning impact (kg/force)	6.1	6.9	6.2	5.6
Water flow Q <sub>max</sub> /Q <sub>IEC</sub> (l/h)	1120/1010	1290/1200	1230/1140	1050/960
Max inlet temperature (°C)	35	35	35	35
Number of pistons	4	4	4	4
Ceramic pistons	●	●	●	●
Pump (RPM)	1450	1450	1450	1450
Water temperature (water/steam) (°C)	80-150	100-150	100-150	100-150
Fuel consumption ΔT 45°C (kg/h)	4.4	5.6	5.5	4.4
Fuel tank (l)	20	60	20	20
Power source	Petrol	Diesel	Diesel	Diesel
Dimensions LxWxH (mm)	1050x910x860	1160x910x1250	1160x910x1060	1160x910x1060
Weight (kg)	220	510	315	315
Power consumption (kW)	9.7 kW/13HP	12.6 kW/16.3 HP	12.0 kW/16.3 HP	12.0 kW/16.3 HP
Motor type	Honda GX390LXE	Mitsubishi S3L2-61SG	Ruggerini MD151S	Ruggerini MD151S
Suction height dry (m)	5	2	5	5
Nozzle size	0500	0640	0640	0640
<b>STANDARD EQUIPMENT</b>				
HP hose	6101766	6101766	6101766	6101766
Ergo 3000 gun	106402190	106402190	106402190	106402190
Ergo coupling kit	101119496	101119496	101119496	101119496
Tornado 3000 lance	106402120	106402120	106402120	106402120
Tornado Plus nozzle	101119741	101119745	101119745	101119745
<b>ITEM NO.</b>	<b>6239300</b>	<b>4810200</b>	<b>6239200</b>	<b>6239207</b>

# Nilfisk-ALTO – MULTICLEANER



The automatic cleaning robot MULTICLEANER is used for cleaning of pig stables. It takes over most of the heavy, trivial and time-consuming manual work.

With the cleaning robot, the manual cleaning with high pressure can be reduced with up to 80% and the remaining 20% is rapidly performed due to the long soaking time.

During the development sequence, the robot has been tested at professional pig producers and this has formed the basis of the designing of the robot as well as the construction of the washing technique, which is important in order to obtain high hygiene in the housings.

An automatic machine is very patient. It does not care about the environment and it has time enough, which most likely increases the possibility of a better housing hygiene than manual cleaning, where time often is scarce and hard work to the employees.

We have focused on a simple, user-friendly and very reliable construction which is suited for the hard housing environment.



## **Before – After:**

*A high hygiene in the housings is overall important in modern production. Clean housings reduce the risk of diseases, and good animal health increases gain and classification.*



## **FUNCTION & CONTROL**

Movable parts such as driving wheel, nozzle and vertical and horizontal arms have direct motor drive, which reduces the degree of maintenance. The cleaner adjusts the distance by means of two sensors that “feel” the inventory. The sensors are not influenced by dirt.

There is a space of approx. 15 cm between the cleaner and the inventory. Changes of course and enterprise are performed by the two middle wheels, which both have direct motor drive. The other wheels function as support wheels.

Stop lists on the bumpers signal to the control unit in case of collision, assuming that the cleaner has reached the other end of the inspection corridor and that direction of travelling have to be altered, in order to initiate next step of the cleaning sequence.

The water supply is connected via a strong zip-fastener that also functions as a swivel joint by means of which the hose is spared.

# Automatic cleaning robot

## MULTICLEANER



### INTEGRATED HIGH PRESSURE WASHER

The high pressure washer is integrated into the machine, which makes it very flexible in both new and old housing units. Should you have more than one farm, the MULTICLEANER is able to handle all the cleaning work, and hereby you avoid having stationary high pressure washers on all farms. The robot is easily transferred from one housing to another.

#### MULTICLEANER

- Cleaning time reduced by up to 80%.
- Hygienic and user-friendly.
- Managed via few commands.
- Extensive alarm system.
- A tap for attachment of lance for manual cleaning.



TECHNICAL DATA	MULTICLEANER
Pump pressure (bar/MPa)	195/19.5
Cleaning impact (kg/force)	5.3
Water flow Q <sub>max</sub> /Q <sub>IEC</sub> (l/h)	1080/1000
Pump (RPM)	1450
Max. water temperature (°C)	80
Effective cleaning depth (mm)	4800
Arm reach, min/max (mm)	1000/2000
Dimensions LxWxH (mm)	1500x615x1000
Weight (kg)	285
Power consumption (kW)	6.8
Inspection walk, width (mm)	700
Noise level LpA/LwA (dB(A))	83/96
Voltage/Phase/Frequency/Current (V/~/Hz/A)	400/3/50/16
Cable length on drum (m)	35
Nozzle size	Long distance nozzle 1.5
<b>ITEM NO.</b>	<b>107341000</b>

# DEN-SIN – high pressure water blasters



DEN-SIN is a member of the Nilfisk-Advance Group and offers a wide range of water blasting equipment ranging from 350 bar to 850 bar catered for different industries such as marine, building & construction, oil & gas, automotive, power plants and many other industries.

The equipment is designed not only to clean surfaces, but also to blast off scale, grime, rust, graffiti and even cut through concrete.

As the benefit of water blasting is becoming more recognized all over the world, DEN-SIN has gone through a rapid growth over the years leading to an aggressive expansion plan. DEN-SIN products are now poised to be the world's foremost design and manufactured products, with the best service and fastest delivery standard in the industry.



## ULTIMATE WATER JETTING SOLUTION

### APPLICATION AREA:

- Algae off concrete constructions.
- Removing paint, graffiti and rust on steel and concrete surfaces.
- Dust, dirt, soil and mud off floors.
- Oil and grease off engines and other mechanical parts.
- Dirt and salt deposits off ship decks.
- Roughening of concrete surfaces.
- Cleaning scaffolding material.
- Removing lime scale deposits and marine growth.
- Cleaning construction machinery and equipment.



### Service

DEN-SIN values customers and acknowledges the importance of customers' satisfaction. Our service engineers are ready to render their services on a very short notice anywhere and everywhere in the world.

We have more than a decade of experience and knowledge in this industry. Due to this, we are able to rectify any problems quickly and successfully.

# Heavy duty high pressure water blasters

MERLION /  
MERMAID



## POWERFUL AND COST EFFICIENT CLEANING

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. Perfect for deck cleaning and cleaning of cargo hold. Furthermore, dust free sand blasting.



### MERLION 350

- 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.
- The handle can be flipped forward enabling minimum transportation size and storage space.
- 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.

### 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	MERLION 350	MERMAID 500	MERMAID 800
Pump pressure (bar/MPa)	350/35	500/50	800/80
Cleaning impact (kg/force)	9.5	16.3	13.7
Water flow (l/h)	1260	1800	1200
Pump (RPM)	1450	1450	1000
Max. water temperature (°C)	60	60	60
Power consumption (kW)	15	30	30
Voltage/Phase/Frequency (V/~/Hz)	380-415/3/50	380-415/3/50 or (440/3/60)	380-415/3/50 or (440/3/60)
Dimensions LxWxH (mm)	1210x750x960	1495x950x1235	1495x950x1235
Weight (kg)	180	425	475
El cable, oil resistant (m)	15	15	15
Nozzle size, straight fan 1/4"	0005	00055	0003
<b>STANDARD EQUIPMENT</b>			
HP hose	15 m (size ½")	15 m (size ½")	20 m (size ½")
Lance	single	single	single
Gun	dry shut P.A - model 551180	dry shut P.A - model 551180	dry shut P.A - dump gun w/ by pass
ITEM NO. 50 HZ	<b>700995156</b>	<b>700995162</b>	<b>700995164</b>
ITEM NO. 60 HZ		<b>700995163</b>	<b>700995165</b>



















# Accessories for mobile pressure washers



POSEIDON 1-20 XT	POSEIDON 2-24 PORTABLE	POSEIDON 2-26 PORTABLE	POSEIDON 2-24 XT	POSEIDON 2-28 XT	POSEIDON 3-30 XT	POSEIDON 3-40 XT	POSEIDON 4-28 XT	POSEIDON 4-30 XT	POSEIDON 4-36 XT	POSEIDON 5-41 XT	POSEIDON 5-55 XT	POSEIDON 5-61 XT	POSEIDON 5-63 XT	POSEIDON 7-66/ FB /-59	POSEIDON 8-75	POSEIDON 8-82	POSEIDON 8-111	POSEIDON 8-125	POSEIDON 2-31 PE / XT	POSEIDON 3-36 PE / XT	POSEIDON 5-47 PE / XT	POSEIDON 5-53 PE / XT	POSEIDON 5-67 PE / XT	POSEIDON 5-54 DE	NEPTUNE 2-26 / X	NEPTUNE 2-33 / X	NEPTUNE 2-41 / X	NEPTUNE 4-30 / X	NEPTUNE 4-42 / X	NEPTUNE 4-49 / X	NEPTUNE 4-54 / X	NEPTUNE 5-27	NEPTUNE 5-42	NEPTUNE 5-49 / X	NEPTUNE 5-57 / X	NEPTUNE 7-63 / X2	NEPTUNE E 12 / 24	NEPTUNE 8-103	CONTRACTOR MASTER	CONTRACTOR DIESEL	CONTRACTOR SILENT	ALPHA BOOSTER 3-26	ALPHA BOOSTER 3-41	ALPHA BOOSTER 5-49	ALPHA BOOSTER 8-103	LINO / DUO BOOSTER	DELTA BOOSTER
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## Hose Reels

### Hose trolley

Up to 70 m with crank handle, DN10  
without connection hose/coupling

Up to 50 m, 3/8", DN10

without connection hose/coupling

N.B: All without hose!

### Cleaning trolley

Stainless steel

Includes hose reel, foam injector  
and space for 2 x 5 l tanks + 1 x 25 l

Without hose, connection hose and gun

For 20 m DN10

### Spring assisted boom

wall mounted unit, for use with  
normal 10 m HP hose, height from  
3 m up to 5 m, 360° swivel

Without hose

## Basic Cleaning Equipment

### Wash brush

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

235 cm long

155 cm long

② Fits to all Ergo 3000 Universal lances

Replacement brush for 14202

### Rotary brush

Attachment for cleaning  
of bodywork, windows, etc.

With pressure/detergent control.

055, 80 cm long

055, 170 cm long

065, 80 cm long

065, 170 cm long

### Replacement brushes

Natural short hair, soft brush

Natural long hair, very soft brush

Nylon long hair, hard

Brass long hair, aggressive

Item No.

5513\*

6400170

6401094

107313262

6400087

6400088

14202

10356

6400018

6400019

6400017

6400016

6401430

6401431

6401432

6401433

○ Supplementary accessories adapters **not required**  
● Standard equipment or recommended equipment

\* Couples needed 1 x 1655 and 1 x 301000028

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## 1 Basic Cleaning Equipment

### Floor cleaners

#### Fixed nozzle system w/nozzles

05, 4 nozzles 40 cm wide

05, 6 nozzles 60 cm wide

06, 4 nozzles 40 cm wide

06, 6 nozzles 60 cm wide

Made of stainless steel and glass fibre.

Features pressure/detegent control.

### Under carriage washer

With nozzle 40065

Swivel wheels allow you to clean under large vehicles with ease

### PowerScrub

#### 1 P300

#### 2 P400

#### 3 S500 (with longlife bearing)

Wheel kit for P 300/P400/S500

Rotating nozzle bar for fast, effective cleaning of flat surfaces.

## Soft Blasting

### 1 Softblasting lance

For removal of graffiti or rust from glass, metal, concrete

05 nozzle

06 nozzle

### 2 Armex™ Powder (blasting agent)

For softblasting kit, 25 kg

### 3 Pickup and hose

To have a complete kit, you must have

1 x 1 + 2 + 1 x 3

or 1 x 1 + 2

## Item No.

6400159

6400164

6400158

6400163

6400036

106411310

106411311

106411313

106411314

6401233

6401234

5218617

6400375



# Accessories for mobile pressure washers



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POSEIDON 2-24 PORTABLE
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POSEIDON 2-28 XT
POSEIDON 3-30 XT
POSEIDON 3-40 XT
POSEIDON 4-28 XT
POSEIDON 4-30 XT
POSEIDON 4-36 XT
POSEIDON 5-41 XT
POSEIDON 5-55 XT
POSEIDON 5-61 XT
POSEIDON 5-63 XT
POSEIDON 7-66 / FB / 59
POSEIDON 8-75
POSEIDON 8-82
POSEIDON 8-111
POSEIDON 8-125
POSEIDON 2-31 PE / XT
POSEIDON 3-36 PE / XT
POSEIDON 5-47 PE / XT
POSEIDON 5-53 PE / XT
POSEIDON 5-67 PE / XT
POSEIDON 5-54 DE
NEPTUNE 2-26 / X
NEPTUNE 2-33 / X
NEPTUNE 2-41 / X
NEPTUNE 4-30 / X
NEPTUNE 4-42 / X
NEPTUNE 4-49 / X
NEPTUNE 4-54 / X
NEPTUNE 5-27
NEPTUNE 5-42
NEPTUNE 5-49 / X
NEPTUNE 5-57 / X
NEPTUNE 7-63 / X2
NEPTUNE E 12 / 24
NEPTUNE 8-103
CONTRACTOR MASTER
CONTRACTOR DIESEL
CONTRACTOR SILENT
ALPHA BOOSTER 3-26
ALPHA BOOSTER 3-41
ALPHA BOOSTER 5-49
ALPHA BOOSTER 8-103
UNO / DUO BOOSTER
DELTA BOOSTER

## Chemical Equipment

Foam injector with by pass

For external injection of foaming

detergent products

Stainless steel

HP hose, 30 cm w/Ergo 3000 coupling

Necessary for machines > 850 l/h  
to use with Foam lance

Item No.

6401242

6401243

301001311

Foam injector

Standard

For POSEIDON 2, 3, 4 and 5

For aggressive liquids (e.g. Chlorinated)

HP hose, 30 cm w/Ergo 3000 coupling

To use with Foam lance

6401244

6410879

6401245

301001311

02 Injector

HP hose, 30 cm w/Ergo 3000 coupling

POSEIDON 8 injector

6401246

301001311

106402248

03 Injector

HP hose, 30 cm w/Ergo 3000 coupling

Perfect solution for big machines  
when extreme accuracy is required.

6401247

301001311

3% fixed dosing injector

HP hose, 30 cm w/Ergo 3000 coupling

6401092

301001311



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POSEIDON 2-24 XT  
POSEIDON 2-28 XT  
POSEIDON 3-30 XT  
POSEIDON 3-40 XT  
POSEIDON 4-28 XT  
POSEIDON 4-30 XT  
POSEIDON 4-36 XT  
POSEIDON 5-41 XT  
POSEIDON 5-55 XT  
POSEIDON 5-61 XT  
POSEIDON 5-63 XT  
POSEIDON 7-66 / FB / 59  
POSEIDON 8-75  
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POSEIDON 2-31 PE / XT  
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POSEIDON 5-47 PE / XT  
POSEIDON 5-53 PE / XT  
POSEIDON 5-67 PE / XT  
POSEIDON 5-54 DE  
NEPTUNE 2-26 / X  
NEPTUNE 2-33 / X  
NEPTUNE 2-41 / X  
NEPTUNE 4-30 / X  
NEPTUNE 4-42 / X  
NEPTUNE 4-49 / X  
NEPTUNE 4-54 / X  
NEPTUNE 5-27  
NEPTUNE 5-42  
NEPTUNE 5-49 / X  
NEPTUNE 5-57 / X  
NEPTUNE 7-63 / X2  
NEPTUNE E 12 / 24  
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CONTRACTOR MASTER  
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LINO / DUO BOOSTER  
DELTA BOOSTER

## Special Accessories

### Lifting equipment

① POSEIDON 7 Roll over frame



Item No.

301000703

② NEPTUNE

Lifting equipment incl. central tube



301001090



301001851

Foot step

(for easy tilting of the machine)



301001401

Wall bracket, for NEPTUNE 2

(without screws)



107145347

Chimney adaptor Ø150

NEPTUNE/SOLAR BOOSTER D



301001089

NEPTUNE 2



107145352

Wheel kit for CONTRACTOR



6401097

Anti Calc kit for NEPTUNE 2



107145123

Water break tank

POSEIDON 7



106101612

CONTRACTOR



6401110

Detergent tank

POSEIDON 4



301002751

Back flow preventer

without couplings

106411184

w/GARDENA couplings

106411177

w/NITO couplings



106411178

w/GEKA couplings

106411179

○ Supplementary accessories adapters not required

● Standard equipment or recommended equipment

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POSEIDON 2-24 PORTABLE  
POSEIDON 2-26 PORTABLE  
POSEIDON 2-24 XT  
POSEIDON 2-28 XT  
POSEIDON 3-30 XT  
POSEIDON 3-40 XT  
POSEIDON 4-28 XT  
POSEIDON 4-30 XT  
POSEIDON 4-36 XT  
POSEIDON 5-41 XT  
POSEIDON 5-55 XT  
POSEIDON 5-61 XT  
POSEIDON 5-63 XT  
POSEIDON 7-66/ FB / 59  
POSEIDON 8-75  
POSEIDON 8-82  
POSEIDON 8-111  
POSEIDON 8-125  
POSEIDON 2-31 PE / XT  
POSEIDON 3-36 PE / XT  
POSEIDON 5-47 PE / XT  
POSEIDON 5-53 PE / XT  
POSEIDON 5-67 PE / XT  
POSEIDON 5-54 DE  
NEPTUNE 2-26 / X  
NEPTUNE 2-33 / X  
NEPTUNE 2-41 / X  
NEPTUNE 4-30 / X  
NEPTUNE 4-42 / X  
NEPTUNE 4-49 / X  
NEPTUNE 4-54 / X  
NEPTUNE 5-27  
NEPTUNE 5-42  
NEPTUNE 5-49 / X  
NEPTUNE 5-57 / X  
NEPTUNE 7-63 / X2  
NEPTUNE E 12 / 24  
NEPTUNE 8-103  
CONTRACTOR MASTER  
CONTRACTOR DIESEL  
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ALPHA BOOSTER 3-26  
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ALPHA BOOSTER 5-49  
ALPHA BOOSTER 8-103  
LINO / DUO BOOSTER  
DELTA BOOSTER

## Automatic Control Units



												Item No.		
	Operating hours counter											42628		
	Retrofit kit for DIY installation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	1479		
	Circuit board POSEIDON 5 with delayed Start/Stop function, 30 min.			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>						301001499*		
	Sleep function and leakage control. Standard on POSEIDON 5 single phase													
	Soft starter <i>Allows start of your machine with bad power supply on 16 A fuse.</i>		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>						301001741*		
	Remote control* with cable With 1 control unit, 4 illuminated buttons + OFF (1 x detergent) NEPTUNE 5, 7, 8 & E									<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	301001355
	Remote control* with cable With 1 control unit, 5 illuminated buttons + OFF (2 x detergent) NEPTUNE 5, 7, 8 & E									<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	301001356
	Pressure and volume regulation for DIY installation					<input type="radio"/>						101119415		
	Flame sensor for DIY installation						<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		301001803		
	Automatic throttle control					<input type="radio"/>	<input type="radio"/>	<input type="radio"/>				106162705		

Supplementary accessories adapters not required  
 Standard equipment or recommended equipment

\* Deliverable factory mounted or installed by trained technician

# Accessories for cleaning



SPECIAL ACCESSORIES FOR DETERGENTS	ITEM NO.
Measuring cup with handle, 2 l, graduated	80726
Outlet valve for 220 kg barrel (not shown)	80107
Barrel pump, polyethylene, 120 cm, for removing detergent from barrels with manual pump mechanism	80839

## Liquid sprayers

TECHNICAL DATA	1.5	8P	5S	10SP <sup>1)</sup>	20S
Tank capacity	l 1.25	8	5	10	20
Working pressure	bar/psi 2/29	3/43	6/87	6/87	6/87
Length of hose	m -	1.3	1	4	4
Seal	Viton	Viton	Viton	Viton	Viton
Diameter	mm 130	200	190	210	210
Height	mm 300	620	455	545	770
Weight	kg 0.4	2.2	3.1	6.6	7.7
ITEM NO.	80853	25598	7110005	7110010	7110020

ACCESSORIES	1.5	8P	5S	10SP <sup>1)</sup>	20S
Multi spray gun			●	●	●
Manual pump			●	○	○
Trolley			○		●
Lance with flat jet nozzle			○	○	○
Spray gun			○	○	○
Extension tube 400 mm		○			
Foam nozzle			○	○	○

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

# Accessories for stationary pressure washer solutions



Cleaning heads: For excellent cleaning results

### Cleaning Heads for Tanks, Barrel

- TRK 25**
- Nickel-plated brass\*
  - Electric drive\*\*

- TRK 150**
- Stainless steel
  - Hydraulic drive

### Surface Cleaning

- FRK 150**
- Stainless steel
  - Hydraulic drive

TECHNICAL DATA		TRK 25	TRK 150	FRK 150
Max. flow rate	l/h	2400	2400	2400
Operating pressure	bar	180	250	250
No. of nozzles	pieces	2	2	3
Connected load	V	230	hydraulic	hydraulic
Drive	kW	0.056 electric	hydraulic	hydraulic
Length	mm	1000	185	185
<b>ITEM NO.</b>		<b>7847</b>	<b>22308</b>	<b>60325</b>

ACCESSORIES	TRK 25	ITEM NO.
Double handle, for quick applications without fixing	<input type="radio"/>	7848
Bunghole mount, adjustable rubber cone	<input type="radio"/>	7849
Barrel mount with plastic R 2" standard thread and special M 64 x 4 thread	<input type="radio"/>	7850

# Brake & part washers – B9



### Low pressure cleaning of small parts

Mobile brake washer for cleaning of brake and spare parts in garages or workshops without risk of breathing hazardous dust.



#### PRODUCT FACTS

- 23 L tank for good working capacity.
- Stainless steel heating tank against corrosion (B9 STAINLESS).
- Independent cleaning.
- Adjustable cleaning basket.
- Max. temperature 85°C hot water cleaning of oils and grease.

TECHNICAL DATA	B9 STANDARD	B9 STAINLESS
Pump pressure (bar/MPa)	6/0,6	6/0,6
Water flow Q <sub>max</sub> /Q <sub>IEC</sub> (l/h)	90/90	90/90
Water temperature (water/steam) (°C)	15-85	15-85
Tank capacity (l)	23	23
Hose length (m)	2	2
Dimensions LxWxH (mm)	650X450X220	650X450X220
Heating element (w)	2000	2000
Heating time (Min)	40	40
Weight (kg)	55	55
Voltage/Phase/Frequency/Current (V/~/Hz/A)	230/1/50/9	230/1/50/9
<b>ITEM NO.</b>	<b>1109000</b>	<b>1109050</b>



# Multipressure lances for DELTA BOOSTER

	Desired pressure	Desired flow	No. of pumps required	Item No.
Colour coded lance system for DELTA BOOSTER and DELTA BOOSTER Facilitates regulation of pressure and flow.	bar	l/h		
<b>DELTA BOOSTER Lance, 160 bar, 930 mm</b>				
White	27	1.020	1	6300846
Black	27	2.100	2	6300847
Brown	50	1.020	1	6300848
Green	53	1.980	2	6300849
Blue	80	1.020	1	6300850
Red	80	1.620	1.5	6300851
Orange	107	1.020	1	6300852
Yellow	107	1.560	1.5	6300853
Chrome	152	1.020	1	6300870
<b>DELTA BOOSTER Lance, 160 bar, 570 mm</b>				
White	27	1.020	1	6300854
Black	27	2.100	2	6300855
Brown	50	1.020	1	6300856
Green	53	1.980	2	6300857
Blue	80	1.020	1	6300858
Red	80	1.620	1.5	6300859
Orange	107	1.020	1	6300860
Yellow	107	1.560	1.5	6300861
Chrome	152	1.020	1	6300871
<b>DELTA BOOSTER Lance, 160 bar, 100 mm</b>				
White	27	1.020	1	6300862
Black	27	2.100	2	6300863
Brown	50	1.020	1	6300864
Green	53	1.980	2	6300865
Blue	80	1.020	1	6300866
Red	80	1.620	1.5	6300867
Orange	107	1.020	1	6300868
Yellow	107	1.560	1.5	6300869
Chrome	152	1.020	1	6300872
<b>DELTA BOOSTER Lance, 120 bar, 930 mm</b>				
White	20	1.020	1	6301873
Black	20	1.980	2	6301874
Brown	40	960	1	6301848
Green	40	1.920	2	6301849
Blue	60	960	1	6301850
Red	60	1.560	1.5	6301851
Orange	80	1.020	1	6301852
Yellow	80	1.620	1.5	6301853
Chrome	114	1.020	1	6301870
<b>DELTA BOOSTER Lance, 120 bar, 570 mm</b>				
White	20	1.020	1	6301854
Black	20	1.980	2	6301855
Brown	40	960	1	6301856
Green	40	1.920	2	6301857
Blue	60	960	1	6301858
Red	60	1.560	1.5	6301859
Orange	80	1.020	1	6301860
Yellow	80	1.620	1.5	6301861
Chrome	114	1.020	1	6301871
<b>DELTA BOOSTER Lance, 120 bar, 100 mm</b>				
White	20	1.020	1	6301862
Black	20	1.980	2	6301863
Brown	40	960	1	6301864
Green	40	1.920	2	6301865
Blue	60	960	1	6301866
Red	60	1.560	1.5	6301867
Orange	80	1.020	1	6301868
Yellow	80	1.620	1.5	6301869
Chrome	114	1.020	1	6301872





# 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 5-49	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	na	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	na	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

\* Requires Control kit 107360902



Option	Description	UNO BOOSTER	UNO BOOSTER EXTENDED	DUO BOOSTER	DUO BOOSTER 7-121	ALPHA BOOSTER 5-49	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	107340916	na	na	107370959 (E)
Water inlet security	Comprises of a magnetic valve on the water tap, 5 m cable and a 24v, DC plug. If the hose breaks, the valve on the tap closes, preventing water spill.	107340910	107340910	107340910	107340910	na	107340910	
Remote control boxes	On-Off = 2 buttons	107340911	107340911	107340911	107340911	107340911*	107340911	107340911
	On-Off + 1 function (burner or option) = 3 buttons	na	107340912	na	107340912	107340912*	107340912	107340912
	On-Off + 2 functions (burner or option) = 4 buttons	na	107340913	na	107340913	107340913*	107340913	107340913
	On-Off + 3 functions (burner or option) = 5 buttons Mains cut off button	na 29277	107340914 29277	na 29277	107340914 29277	107340914* 29277*	107340914 29277	107340914 29277
Coin boxes	Mechanical, simple on-off, €½	54328	54328	54328	54328	54328*	54328	54328
	Mechanical, simple on-off, €1	54329	54329	54329	54329	54329*	54329	54329
	Mechanical, simple on-off, Tokens	54330	54330	54330	54330	54330*	54330	54330
	Mechanical, on-off + 1 detergent, €½	54332	54332	54332	54332	54332*	54332	54332
	Mechanical, on-off + 1 detergent, €1	54333	54333	54333	54333	54333*	54333	54333
	Mechanical, on-off + 1 detergent, Token	54334	54334	54334	54334	54334*	54334	54334
	Electronic, rotary switch, without LCD	na	29272	na	29272	29272*	29272	29272
	Electronic, rotary switch, with LCD	na	54321	na	54321	54321*	54321	54321
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
Connection to external booster	It allows the connection of 2 SOLAR BOOSTERS together, or the connection of a SOLAR BOOSTER to an UNO BOOSTER, to increase water capacity.	On demand	On demand	On demand	On demand	na	On demand	On demand
Frost protection (lost - requires pressure relief) Standard Deluxe with heater			107370954 107370955		107370954 107370955	na na	107370954 107370955	107370954 107370955
	M.M.O.	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)

\* Requires Control kit 107360902

# Accessories for stationary pressure washer solutions




## Basic Equipment

		Item No.
Chemical reservoir, all machine types	45 L	80051
	120 L	80056
Water intake hose	R3/4"-2.5 m (1xGEKA)	11427
Feet for UNO BOOSTER		107303119
Stainless steel cabinet for ALPHA BOOSTER 3		107360903

## TRUCK BOOSTER

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


## Self-Service Application Accessories - AUTO BOOSTER

	Self-service brush attachment		106402241
	Spray lance for brush attachment	1020 mm	106402169
	Water softener for AUTO BOOSTER		107370970
	Digital time switch		107370979
	Winter-proof trigger on/off gun		106402240
	Winter-proof trigger on/off gun with hexagon lock screw		106402240
	Coin counter		107370976

## Fuel Supply

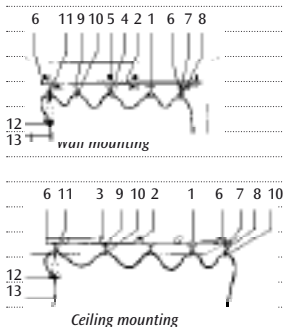
	Fuel oil de-aerator		23819
	Oil pressure reducer		3237
	Gas threshold hose, 3/4"		54026

## Flue Exhaust Gas (chimney on request)

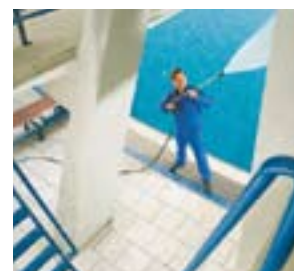
	Flue pipe curve, stainless steel	Ø 150-45°	22744
	Flue pipe, stainless steel, 1 m	Ø 150 mm	22748
	Chimney adapter Ø 150 SOLAR BOOSTER D		301001089

## Hose Routing Systems

### Schematic Diagram: Hose Routing System



①	Slide rail, 40 x 40, galvanised	4 m	7973
		6 m	7974
②	Slide rail connector, 40 x 40	galvanised	7975
③	Slide rail bracket, 40 x 40		7976
	For ceiling mounting		
④	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
⑦	Eyelet		7980
⑧	Snap link		7981
⑨	Hose trolley for slide rails		7982
⑩	Hose bracket	10-16 mm DN 8	52964
⑪	Hose bracket with eyelet	10-16 mm DN 8	52966
⑫	Strain relief	10-16 mm DN 8	52967
	Balancer, 3-6 kg		7985
⑬	Pivot joint, straight		37450



## Hose Routing Systems

Item No.

### Ceiling boom

① 1750 mm	Stainless steel	37871
② 1600/1750 mm	Stainless steel	309000209
③ Wall boom, left side	Stainless steel	37743
Wall boom, right side	Stainless steel	37742
2000 mm	Stainless steel	309000662

### Pivoting boom

with integrated high pressure pipe - trolley

with 10-16 mm DN8 hose and wall bracket.

3 m long	53001
4 m long	53002
5 m long	7991
6 m long	7992





## Nilfisk-ALTO – vacuum cleaners





## The blue choice = a complete range

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 – but each one of them 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 realize why the “blue” is the better alternative.

Because, 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

**Production Model**

**Feature Class**

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

**Variants and Special Types (e.g. Dust class, etc.)**

1 = CE  
M = M + L  
H = H + M + L + Asbestos  
M/B1 = M + L + Type 22

**Filter Cleaning Features & Disposal Concepts**

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


**Specials**

EC = Brushless long-life motor system  
Type 22 = approved to pick up explosive dust




# XtremeClean – automatic filter cleaning system

Nilfisk-ALTO offers the impressive filter cleaning system called XtremeClean. Extremely efficient and completely automatic. The best filter cleaning system that the market has ever seen. All you have to do is start the vacuum. The filter is immediately cleaned automatically, and every 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.



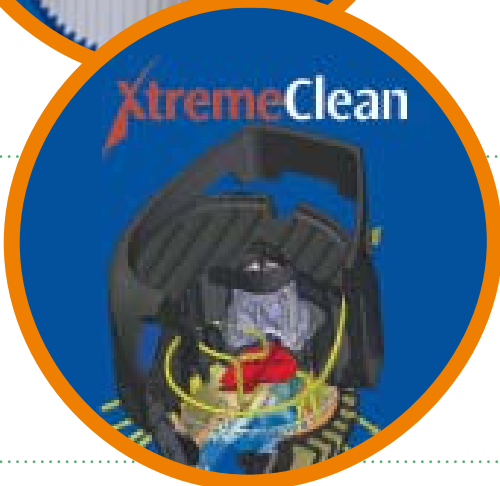
Powerful air pulses clean the filter gently and keeps suction performance constantly high – XtremeClean filter cleaning technology.

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



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

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



Maximized container volume and automatic filter cleaning with nano technology – XtremeClean is setting new standards.

Compactness and high performance are key features in the most recent generation of the XtremeClean system, used on the ATTIX 30, 40 and 50 range. With the ambition of setting new standards within automatic filter cleaning, the two curved 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 technology for fast and simple filter cleaning

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



# 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 achieve meaningful value at a competitive price.



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

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.

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



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



Special purpose vacuum – a logical extension of the high capacity ATTIX 7 and 9 series are the Liquid Vac for flood cleanup, the Fire Brigade model for cleanup after fires or road-spills, and the EasyDisposal machines, which allow you to change the disposal bag quickly and get back to your task.



## Zone 22 safety vacuums

Dusts from dust classes L and M as well as explosive dusts may be picked up using these vacuum cleaners. These include all non-carcinogenic dusts with OEL values  $> 0.1 \text{ mg/m}^3$  and/or flammable dusts in ATEX Zone 22 (previously Zone 11) applications. Application: industry and trade sectors as chemicals, wood, plastics, metal, pharmaceuticals, paper and textiles; for craftsmen such as carpenters, bakers and floor layers. If you are working in an ATEX Zone 22 explosive dust environment, you will find the perfect Wet&Dry solution here. Choose from many different container sizes and performance levels, all with features that will enhance your working efficiency and minimize your operating costs.



## 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.



## M-Class safety vacuums

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



The MAXXI WD Series of Commercial Wet&Dry vacuums is economical to buy and use.

The MAXXI WD is a powerful, simple Wet&Dry solution. They feature a simple, washable cloth filter on all models, and 35 or 75 L containers. The WD 7 is also available with a built-in drain hose and furthermore a 2 motors model, the WD 7 DUO. All models are equipped with a 10 m electric cable for good working range, and the MultFit accessory system.



The new ATTIX 140, 150, 170 & 200 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, power full turbine and the big container on wheels grant a high reliability and mobility capable of working 24 hours a day.

# Commercial vacuum cleaners

## SALTIX 3

### DRY VACUUM CLEANER

*SALTIX 3 is mobile, compact and powerful, but quiet. The DualFilter system keeps the exhaust air clean, and vacuum power is easily controlled on the hand tube.*



#### SALTIX 3

- DualFilter system ensures clean exhaust air.
- Suction power control on the hand tube.
- Large, 9 L filter bag volume for longer time between changes.
- 10 m cable and 2.5 m suction hose give a large working radius.
- Small and light for excellent mobility despite big performance.
- User-friendly cable storage.
- On board storage for nozzles.
- Inner sack filter easy to install and clean.
- Non disturbing working sound level.

TECHNICAL DATA	SALTIX 3
Air flow rate (l/min.)	2100
Vacuum (mbar/kPa)	230/23
Power P <sub>max</sub> (W)	1100
Working sound level (dB(A))	52
Container volume (l/max)	14
Dust bag capacity (l)	9
Mains connection (V/~ /Hz)	230/1/50-60
Dimensions L x W x H (mm)	380x340x400
Weight (kg)	5.6
El cable (m)	10
<b>STANDARD EQUIPMENT</b>	
Suction Hose	147 0765 500
Aluminium tube x 2	011 6431 500
Sack filter	147 0663 500
Filter bag	140 8618 000
Hard floor nozzle	140 6700 570
<b>OPTIONAL ACCESSORY</b>	
Combination nozzle, "De Luxe"	12018503
<b>ITEM NO.</b>	<b>905 9551 010</b>

## Commercial wet & dry vacs

### MAXXI WD



#### POWERFUL AND SIMPLE WET&DRY SOLUTION

A powerful, simple solution for Wet&Dry vacuum users, the MAXXI series is economical to buy and use. They feature a simple, washable cloth filter on all models, and 35 or 75 L containers. WD 7 also features a built-in drain hose with 2 motors in WD 7 DUO models.

#### MAXXI WD

- Economical to buy and operate.
- WD 3 model has a 35 L container, and WD 7 models has a 75 L container.
- WD 7 models include a built-in drain hose.
- Choose 1 or 2 motor performance on DUO models.
- Washable cloth filter and filter bag included.
- MultiFit accessory system for the ultimate in task flexibility.



TECHNICAL DATA	MAXXI WD 3	MAXXI WD 7	MAXXI WD 7-4 DUO	MAXXI WD 7-5 DUO
Air flow rate (l/min.)	2900	3200	4100	4100
Vacuum (mbar/kPa)	210/21	215/21.5	215/21.5	215/21.5
Power P <sub>max</sub> (W)	1500	1500	2 x 1500	2 x 1500
Power P <sub>rec</sub> (W)	1350	1350	2 x 1350	2 x 1350
Working sound level (dB(A))	67	67	69	69
Container volume (l/max)	35	75	75	75
Mains connection (V/~ /Hz)	230/1/50	230/1/50	230/1/50	230/1/50
Dimensions L x W x H (mm)	437x413x721	720x600x995	720x600x995	720x600x995
Weight (kg)	8	20.5	22	22
El cable (m)	10	10	10	10
STANDARD EQUIPMENT				
Suction hose	60897 - [Ø32 mm x 1.8 m]	302000473 - [Ø32 mm x 3 m]	46948 - [Ø36 mm x 3 m]	15358 - [Ø50 mm x 4 m]
Extension tube	107400032	107400032	302000529	15335
Curved hand tube	60911		302000528	
Sack filter	140 8658 500	140 9512 500	140 9512 500	140 9512 500
Filter bag	147 0745 010	147 0746 010	147 0746 010	147 0746 010
Motor filter	140 8682 500	140 8682 500	140 8682 500	140 8682 500
Universal nozzle	14295	14295		
Floor nozzle		302000521	302000521	
Aluminium nozzle				15343
Brush nozzle	5146			
Crevice nozzle	6084	6084	6084	7102
Combi nozzle	302000477			
ITEM NO.	<b>905 8321 010</b>	<b>905 8721 010</b>	<b>905 8821 010</b>	<b>905 8825 010</b>

# Single-phase wet & dry vacs

## ATTIX 30

### EASY HANDLING AND EASY MAINTENANCE

ATTIX 30 represents a new possibility of achieving superior suction power in a compact and flexible solution. A perfect solution for craftsmen on the move. Available with Push&Clean or the new generation of XtremeClean filter cleaning.



#### ATTIX 30-01 & ATTIX 30-01 PC

#### ATTIX 30-11 PC & ATTIX 30-21 PC

- Compact, ergonomic, and powerful.
- Push&Clean filter cleaning system.
- Washable PET fleece filter.
- SilentPower.
- 30 L container volume.
- Big and practical tool deposit.
- MultiFit accessory system for the ultimate in task flexibility.
- Convenience outlet (30-11).
- AutoOnOff for electrical power tool (30-21).

#### ATTIX 30-21 XC

- Compact, ergonomic, and powerful.
- XtremeClean automatic filter cleaning system.
- SilentPower.
- Softstart.
- 30 L container volume.
- AutoOnOff for electrical power tool.
- Big and practical tool deposit.
- MultiFit accessory system for the ultimate in task flexibility.

TECHNICAL DATA	ATTIX 30-01	ATTIX 30-01 PC	ATTIX 30-11 PC	ATTIX 30-21 PC	ATTIX 30-21 XC
Air flow rate (l/min.)	3700	3700	3700	3700	3700
Vacuum (mbar/kPa)	250/25	250/25	250/25	250/25	250/25
Power P <sub>max</sub> (W)	1500	1500	1500	1500	1500
Power P <sub>IEC</sub> (W)	1200	1200	1200	1200	1200
Working sound level (dB(A))	62	62	62	62	62
Container volume (l/max)	30	30	30	30	30
Mains connection (V/~ /Hz)	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Dimensions L x W x H (mm)	450x380x595	450x380x595	450x380x595	450x380x595	450x380x595
Weight (kg)	10	10	10	10	12
El cable (m)	7.5	7.5	7.5	7.5	7.5
<b>STANDARD EQUIPMENT</b>					
Suction hose	302000473 - [Ø32 mm x 3 m]	302000473 - [Ø32 mm x 3 m]	302000473 - [Ø32 mm x 3 m]	302000473 - [Ø32 mm x 3 m]	302001682 - [Ø36 mm x 5 m AS]
Extension tube	107400032	107400032	107400032	107400032	
Fleece filter bag	302004000	302004000	302004000	302004000	
Filter element, PET, Ø185 x 140 mm	302000490	302000490	302000490	302000490	
Flat filter					302002842
Disposal bag					302000804
Universal nozzle			14295		
Combi nozzle	302000477	302000477	302000477	302000477	
Brush nozzle			6086		
Crevice nozzle	6084	6084	6084	6084	
Tool adapter			60916	60916	302000535
<b>ITEM NO.</b>	<b>302003405</b>	<b>302003406</b>	<b>302003407</b>	<b>302003408</b>	<b>302003409</b>

## ATTIX 40 INOX



### ROBUST STAINLESS STEEL CONTAINER TO COMPLETE THE RANGE

Wet or Dry - when high performance combined with moist and robustness is required. A perfect solution for commercial and industrial use thanks to the easy to clean Stainless Steel container. Push&Clean or XtremeClean filter cleaning system offers a comfortable and quick way to clean the filter.



#### ATTIX 40-01 PC INOX / 40-21 PC INOX

- Compact, ergonomic, and powerful.
- Stainless steel container.
- Push&Clean filter cleaning system.
- Washable PET fleece filter.
- SilentPower.
- 37 L container volume.
- Big and practical tool deposit.
- AutoOnOff for electrical power tool (40-21 PC INOX).
- MultiFit accessory system for the ultimate in task flexibility.

#### ATTIX 40-21 XC INOX

- Compact, ergonomic, and powerful.
- Stainless steel container.
- XtremeClean automatic filter cleaning system.
- SilentPower.
- Softstart.
- 37 L container volume.
- AutoOnOff for electrical power tool.
- Big and practical tool deposit.
- MultiFit accessory system for the ultimate in task flexibility.

TECHNICAL DATA	ATTIX 40-01 PC INOX	ATTIX 40-21 PC INOX	ATTIX 40-21 XC INOX
Air flow rate (l/min.)	3700	3700	3700
Vacuum (mbar/kPa)	250/25	250/25	250/25
Power P <sub>max</sub> (W)	1500	1500	1500
Power P <sub>IEC</sub> (W)	1200	1200	1200
Working sound level (dB(A))	62	62	62
Container volume (l/max)	37	37	37
Mains connection (V/~ /Hz)	230/1/50	230/1/50	230/1/50
Dimensions L x W x H (mm)	450x440x735	450x440x735	450x440x735
Weight (kg)	13	14	14
El cable (m)	7.5	7.5	7.5
STANDARD EQUIPMENT			
Suction hose	46948 - [Ø36 mm x 3 m]	302001682 - [Ø36 mm x 5 m AS]	302001682 - [Ø36 mm x 5 m AS]
Extension tube	302000529		
Curved hand tube	302000528		
Fleece filter bag	302004004	302004004	
Filter element, PET, Ø185 x 140 mm	302000490	302000490	
Flat filter			302002842
Disposal bag			302000804
Floor nozzle	302003666		
Tool adapter		60916	60916
Crevice nozzle	6084		
ITEM NO.	302003414	302003415	302003416

# Single-phase wet & dry vacs

## ATTIX 50

### SUPERIOR POWER AND INNOVATIVE FEATURES

Wet or Dry – when high performance combined with big container volume is a must. ATTIX 50 is the solution for the demanding customer with a high frequency of cleaning. More user-friendly operation and functional design ensures better performance – in short – all the elements that are needed for an even more reliable and efficient solution.



#### ATTIX 50-01 PC / 50-21 PC

- Robust, ergonomic, and powerful.
- Push&Clean filter cleaning system.
- Washable PET fleece filter.
- SilentPower.
- Softstart.
- 47 L container volume.
- Accessory holder.
- Big and practical tool deposit.
- AutoOnOff for electrical power tool (50-21 PC).
- MultiFit accessory system for the ultimate in task flexibility.

#### ATTIX 50-21 XC

- Robust, ergonomic, and powerful.
- XtremeClean automatic filter cleaning system.
- SilentPower.
- Softstart.
- 47 L container volume.
- Accessory holder.
- AutoOnOff for electrical power tool.
- Big and practical tool deposit.
- MultiFit accessory system for the ultimate in task flexibility.

TECHNICAL DATA	ATTIX 50-01 PC	ATTIX 50-21 PC	ATTIX 50-21 XC	ATTIX 50-21 PC EC	ATTIX 50-21 PC CLEAN ROOM
Air flow rate (l/min.)	3700	3700	3700	3600	3600
Vacuum (mbar/kPa)	250/25	250/25	250/25	230/23	230/23
Power P <sub>max</sub> (W)	1500	1500	1500	1400	1400
Power P <sub>IEC</sub> (W)	1200	1200	1200	1100	1100
Working sound level (dB(A))	62	62	62	62	62
Container volume (l/max)	47	47	47	47	47
Mains connection (V/~ /Hz)	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50
Dimensions L x W x H (mm)	450x380x750	450x380x750	450x380x750	450x380x750	450x380x750
Weight (kg)	11	11	12	11	11
El cable (m)	7.5	7.5	7.5	7.5	7.5
<b>STANDARD EQUIPMENT</b>					
Suction hose	46948 - [Ø36 mm x 3 m]	302001682 - [Ø36 mm x 5 m AS]	302001682 - [Ø36 mm x 5 m AS]	302001682 - [Ø36 mm x 5 m AS]	302001682 - [Ø36 mm x 5 m AS]
Extension tube	302000529				
Fleece filter bag	302004004	302004004		302004004	302004004
Filter element, PET, Ø185 x 140 mm	302000490	302000490		302000490	
Filter element, paper/glass fibre					302000658
Flat filter			302002842		
Disposal bag			302000728		
Curved hand tube	302000528				
Floor nozzle	302003666				
Crevice nozzle	6084				
Tool adapter		302000535	302000535	302000535	302000535
Exhaust air collector					302003717
Motor cooling air filter					302003721
<b>ITEM NO.</b>	<b>302003411</b>	<b>302003412</b>	<b>302003413</b>	<b>107400411</b>	<b>107400412</b>

## ATTIX 7



### WET & DRY POWER

The Wet&Dry 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, automatic filter cleaning, anti-static capability and more.



#### ATTIX 751-11

- Convenience outlet on panel.
- AntiStatic-ready.
- SoftStart.
- Washable PET fleece filter.
- SilentPower.
- 70 L stainless steel container.
- MultiFit accessory system for the ultimate in task flexibility.

#### ATTIX 751-21

- AutoOnOff for electric tools.
- AntiStatic.
- Speed control.
- SoftStart.
- Washable PET fleece filter.
- SilentPower.
- 70 L stainless steel container.
- MultiFit accessory system for the ultimate in task flexibility.

#### ATTIX 761-21 XC

- XtremeClean filter cleaning system.
- AutoOnOff for electric tools.
- AntiStatic.
- Speed control.
- SoftStart.
- Washable PET fleece filter.
- SilentPower.
- 70 L stainless steel container.
- MultiFit accessory system for the ultimate in task flexibility.

#### ATTIX 791-21 EC

- Longlife EC motor drive.
- AutoOnOff for electric tools.
- AntiStatic.
- Speed control.
- SoftStart.
- Washable PET fleece filter.
- SilentPower.
- 70 L stainless steel container.
- MultiFit accessory system for the ultimate in task flexibility.

TECHNICAL DATA	ATTIX 751-11	ATTIX 751-21	ATTIX 761-21 XC	ATTIX 791-21 EC
Air flow rate (l/min.)	3600	3600	3600	3800
Vacuum (mbar/kPa)	230/23	230/23	230/23	250/25
Power P <sub>max</sub> (W)	1500	1500	1500	1500
Power P <sub>IEC</sub> (W)	1200	1200	1200	1200
Working sound level (dB(A))	57	57	57	59
Container volume (l/max)	70	70	70	70
Mains connection (V/~ /Hz)	230/1/50-60	230/1/50-60	230/1/50-60	230/1/50-60
Dimensions L x W x H (mm)	605x580x970	605x580x970	605x580x970	605x580x970
Weight (kg)	25	25	27	25
El cable (m)	7.5	7.5	7.5	7.5
<b>STANDARD EQUIPMENT</b>				
Suction hose	25537 - [Ø36 mm x 4 m]	15325 - [Ø27 mm x 3.5 m AS]	15325 - [Ø27 mm x 3.5 m AS]	15325 - [Ø27 mm x 3.5 m AS]
Filter bag	302001484	302001484	302001484	302001484
Filter element, PET	302000490	302000490	302000751	302000490
Disposal bag			302001480	
Hand tube, curved, stainless steel	46691			
Hose sleeve		18195	18195	18195
Diagonal nozzle tube	5067			
<b>ITEM NO.</b>	<b>302001523</b>	<b>302001525</b>	<b>302001533</b>	<b>302001536</b>

# Single-phase wet & dry vacs

## ATTIX 7 – SPECIAL PURPOSE

### SPECIAL PURPOSE VACUUMS

An extension of the high capacity ATTIX 7 range are the Liquid Vac for flood cleanup, the Fire Brigade model for cleanup after fires or road-spills and the EasyDisposal with big capacity and high efficiency.



#### ATTIX 751-61 – LIQUID VAC MODEL

- 70 L Stainless steel container.
- Water pick up at 200 L/min.
- Discharge 9 m higher or 50 m away from cleanup position.
- Tilting function for easy emptying.
- Speed control.
- Stainless steel sieve protects the pump.
- Continuous, automatic liquid discharge.
- SoftStart.
- Tool tray and onboard tool storage.



#### ATTIX 751-71 – FIRE BRIGADE MODEL

- 70 L stainless steel container.
- Water pick up at 200 L/min.
- Discharge 9 m higher or 50 m away from cleanup position.
- Onboard tool storage.
- Speed control.
- Stainless steel sieve protects the pump.
- In-line safety switch on mains cable.
- Tilting function for easy emptying.
- Continuous, automatic liquid discharge.
- SoftStart.



#### ATTIX 763-21 ED

- XtremeClean filter cleaning system.
- AutoOnOff for electric tools.
- EasyDisposal bag – quick and easy change of plastic bag instead of emptying container.
- SoftStart.
- Tool tray.
- Washable PET fleece filter.
- MultiFit accessory system for the ultimate in task flexibility.

TECHNICAL DATA	ATTIX 751-61	ATTIX 751-71	ATTIX 763-21 ED
Air flow rate (l/min.)	3600	3600	3800
Vacuum (mbar/kPa)	230/23	230/23	230/23
Power P <sub>max</sub> (W)	1500	1500	1500
Power P <sub>IEC</sub> (W)	1200	1200	1200
Working sound level (dB(A))	57	57	57
Container volume (l/max)	70	70	~30
Mains connection (V/~ /Hz)	230/1/50-60	230/1/50-60	230/1/50-60
Dimensions L x W x H (mm)	605x580x970	510x480x875	605x580x1284
Weight (kg)	33	31	25
El cable (m)	7.5	10	7.5
<b>STANDARD EQUIPMENT</b>			
Suction hose		302001677 - [Ø36 mm x 3.5 m]	302001682 - [Ø36 mm x 5 m AS]
Extension tube		15546	15546
Filter element, PET			302000751
Disposal bag			302001629
Filter sieve	15475	15475	
Curved hand tube		46691	46691
Aluminium nozzle		15349	
Crevice nozzle		6084	
Floor nozzle			15348
<b>ITEM NO.</b>	<b>302001529</b>	<b>302001525</b>	<b>302001693</b>

## ATTIX 9



### DESIGNED TO WITHSTAND THE TOUGHEST APPLICATIONS

With the two-motor driven ATTIX 9 range the Nilfisk-ALTO is completing the high end industrial vac line. For daily maintenance cleaning the vacuum must be one that you can rely on. The essential requirement is a unit that will go on cleaning powerfully and quickly, day-in and day-out – even in the toughest conditions.



#### ATTIX 961-01

- Two-motor industrial performance.
- Washable PET fleece.
- Push&Clean filter cleaning system.
- Stainless Steel tiltable and removable container.
- Easy handling and disposal.
- 10 m cable.
- Applicable for Wet&Dry pick-up by reliable floating system.
- Robust fleece filter bag standard.
- MultiFit accessory system for the ultimate in task flexibility.

#### ATTIX 965-21 SD XC

- Two-motor industrial performance.
- Industrial specifications, robust construction, and powerful.
- XtremeClean automatic filter cleaning system.
- Washable PET fleece.
- Stainless steel SitDown container.
- 10 m cable.
- Disposal bag standard.
- Socket for AutoOnOff.
- For best performance use max. system 38 hose and accessories.
- Dry pick-up ONLY.
- MultiFit accessory system for the ultimate in task flexibility.

#### ATTIX 963-21 ED XC

- Two-motor industrial performance.
- XtremeClean automatic filter cleaning system.
- Washable PET fleece.
- Low noise level.
- One-piece rigid steel frame.
- EasyDisposal bag – quick and easy change of plastic bag instead of emptying container.
- Dry pick-up ONLY.
- MultiFit accessory system for the ultimate in task flexibility.

TECHNICAL DATA	ATTIX 961-01	ATTIX 965-21 SD XC	ATTIX 963-21 ED XC
Air flow rate (l/min.)	2x3600	2x3600	2x3600
Vacuum (mbar/kPa)	250/25	250/25	250/25
Power P <sub>max</sub> (W)	2x1500	2x1500	2x1500
Power P <sub>IEC</sub> (W)	2x1200	2x1200	2x1200
Working sound level (dB(A))	67	67	67
Container volume (l/max)	70	50	~30
Mains connection (V/~ /Hz)	230/1/50-60	230/1/50-60	230/1/50
Dimensions L x W x H (mm)	580x600x970	615x690x1210	620x602x1209
Weight (kg)	30	35	30
El cable (m)	10	10	10
<b>STANDARD EQUIPMENT</b>			
Suction hose	302002796 - [Ø38 mm x 4 m]		15815 - [Ø50 mm x 4 m AS]
Extension tube	302002888		15335
Fleece filter bag	302002892		
Filter element, PET	107400562	107400562	107400562
Curved hand tube	302002889		
Disposal bag		302001480	302003723
Floor nozzle	302002798		302002880
Tool adapter			302002884
Crevice nozzle	302002890		7102
<b>ITEM NO.</b>	<b>302002900</b>	<b>302002902</b>	<b>302002901</b>

# ATTIX 140, 150 & 170



## ATTIX 140 & 150

These new industrial vacuum cleaners for liquids and solid materials feature a performance to perfectly satisfy any cleaning and maintenance issue.

The vacuums are provided with a side channel induction motor (2.2 kW or 4.0 kW power) - fitted at the bottom of the trolley to grant maximum stability - which needs no maintenance and is long-lasting, even if used for heavy-duty activities.

The exhaust air is filtered through a polyester filter with a 19,500 cm<sup>2</sup> filtering surface, and it can be rapidly cleaned by the external manual filter shaker. After the shaking, the cleaning capacity, extremely important when collecting fine powder, is fully restored.

Waste, solid and liquid materials are collected inside the 100 L steel painted bin, equipped with wheels, which can be easily released and emptied thanks to the handy release system. The design of this model is appealing, modern and unique.



## ATTIX 170

Finally, an industrial vacuum that can be modified and transformed in a very simple way - just adding options: cut-out for liquids, purge cleaning systems by cartridges, electric filter shaker, new accessories or bagging methods.

Ideal for all kinds of applications, from the simplest to the most sophisticated one.

The vacuum is made of four basic parts: chassis, filter chamber, waste bin and motor housing. The side-channel suction unit, made of aluminum casting is fitted at the base of the chassis, giving more stability to the machine. The vacuum is provided with an external manual or internal electronic filter shaker – easy to use and ergonomic.



# Single- and three-phase wet & dry vacs

## ATTIX 140 / 150 / 170



### SINGLE- AND THREE-PHASE WET&DRY VACS

A perfect combination of power, performance and environment protection. With this introduction, Nilfisk-ALTO optimizes its range, becoming the absolute point of reference in industrial vacuum cleaning worldwide.



#### ATTIX 140

- Entirely made of steel.
- Equipped with a manual filter shaker.
- Removable bin.
- Large filter surface.
- Accessory holder as standard.
- MultiFit adapter for optimized flexibility.
- Side channel blower.
- Easy and excellent manoeuvrability.

#### ATTIX 150

- Entirely made of steel.
- Equipped with a manual filter shaker.
- Removable bin.
- Large filter surface.
- Accessory holder as standard.
- MultiFit adapter for optimized flexibility.
- Side channel blower.
- High airflow.

#### ATTIX 170 & 170 E

- Designed to increase productivity.
- Entirely made of steel.
- Equipped with a manual filter shaker (ATTIX 170).
- Equipped with an electronic filter shaker (ATTIX 170 E).
- High airflow.
- Removable bin.
- Large filter surface.
- Modularity.
- MultiFit adapter for optimized flexibility.
- Side channel blower.

TECHNICAL DATA	ATTIX 140	ATTIX 150	ATTIX 170	ATTIX 170 E
Air flow rate (l/min.)	5100	8600	8600	8600
Vacuum (mbar/kPa)	300/30	300/30	300/30	300/30
Power P <sub>rec</sub> (W)	2200	4000	4000	4000
Working sound level (dB(A))	71	74	73	73
Container volume (l/max)	100	100	100	100
Mains connection (V/~ /Hz)	400/3/50	400/3/50	400/3/50	400/3/50
Dimensions L x W x H (mm)	1055x670x1530	1055x670x1530	1250x650x1570	1250x650x1570
Weight (kg)	102	127	182	197
El cable (m)	5	5	5	5
<b>STANDARD EQUIPMENT</b>				
Star filter, Polyester	Z8 17714	Z8 17714	Z8 17080	Z8 17080
<b>ITEM NO.</b>	<b>4030500029</b>	<b>4030500028</b>	<b>4030800231</b>	<b>4030800229</b>

# Single-phase wet & dry vacs

## SB STATION

### COIN-OPERATED SELF-SERVICE VACUUMS

Coin-operated self-service vacuums for filling stations have special requirements which are all found in the SB series. Single motor or dual motor machines are available, and the MARATHON models have a brushless, long-life motor system. All models use a simple cloth filter system for easy maintenance.



#### SB STATION / MARATHON

- Superior suction power.
- MARATHON models have a brushless, long life motor system.
- TANDEM models have 2 vacuum motors and suction hoses.
- Available in Euro, National Coins Token or card reader versions.
- Simple cloth filter system for quick and easy maintenance.
- Available in oil company colours. For further information, contact your local dealer.



TECHNICAL DATA	SB STATION	SB STATION MARATHON	SB TANDEM	SB TANDEM MARATHON
Air flow rate (l/min.)	4000	4200	2x4000	2x4200
Vacuum (mbar/kPa)	235/23.5	250/25	2x235/23.5	2x250/25
Power P <sub>max</sub> (W)	1700	1500	2x1700	2x1500
Power P <sub>rec</sub> (W)	1400	1200	2x1400	2x1200
Working sound level (dB(A))	75	75	75	75
Container volume (l/max)	30	30	2x30	2x30
Mains connection (V/~ /Hz)	230/1/50-60	230/1/50-60	230/1/50-60	230/1/50-60
Dimensions L x W x H (mm)	822x546x2034	822x546x2034	1183x546x2034	1183x546x2034
Weight (kg)	90	90	115	115
<b>STANDARD EQUIPMENT</b>				
Suction hose	64084 - [Ø50 mm x 5 m]	64084 - [Ø50 mm x 5 m]	2 x 64084 - [Ø50 mm x 5 m]	2 x 64084 - [Ø50 mm x 5 m]
Hose holder	43064	43064	2 x 43064	2 x 43064
Crevice nozzle	7102	7102	2 x 7102	2 x 7102
Special cloth filter insert	17069	17069	2 x 17069	2 x 17069
COINER EURO 0.5	65785	65785	65785	65785
<b>ITEM NO. – including Coiner Euro 0.5</b>	<b>64100</b>	<b>64263</b>	<b>64101</b>	<b>64264</b>
COINER EURO 1.0	65786	65786	65786	65786
<b>ITEM NO. – including Coiner Euro 1.0</b>	<b>302000308</b>	<b>302000310</b>	<b>302000309</b>	<b>302000311</b>
ELECTRIC COINER	302000305		302000305	
<b>ITEM NO. - including Electric Coiner</b>	<b>65481</b>		<b>65482</b>	

## 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, as well as Explosive dusts, Type 22. Furthermore, all Nilfisk-ALTO Type 22 Safety Vacs are ATEX compliant. 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.

### Beware of explosive dust

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!

Many types of dust which are potentially explosive are classified as an ATEX (ATmosphere EXplosive) Type 22 application and Type 22 equipment must meet additional and very special requirements.

The presence of oxygen and an ignition source with sufficient energy and a flammable substance (gaseous, liquid or solid) are factors which can provoke an explosion. The finer the dust, the higher the risk for explosion!

Nilfisk-ALTO safety vacuum cleaners pick up the dust, and separate them from the surrounding air. Up to 99.995% is filtered out and isolated in the container.



SINCE 1997 EN 60335-2-69, IEC 60335-2-69		HAZARD TYPES
Dust classe / Zone	Max. permeability	
L	1%	Removes 99% of: • Dusts with OEL values > 1mg/m <sup>3</sup>
M	0.1%	Removes 99.9% of: • Dusts with OEL values > 0.1mg/m <sup>3</sup> • Wood dust
H	0,005%	Removes 99.995% of: • Dusts with OEL values • Carcinogenic dusts • Dusts with germs or bacteria
Asbestos requirement	as H	• Asbestos dust
Explosive dusts (ATEX Zone 22)	Type 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)
Explosive Gases (ATEX Zone 2)	Seperate approval for Zone 2	• Flammable gases present less than 10 hr/year

**M**

### Dust Class M

These vacuum cleaners permit picking up dusts from dust classes L and M. These include all health endangering, non-carcinogenic dusts with OEL values > 1.0 mg/m<sup>3</sup> and hardwood dusts.

**H**

### Dust Class H

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

**Asbestos**

### Asbestos

Asbestos dusts are only permitted to be picked up with vacuum cleaners conforming to dust class H. In Germany they furthermore have to meet the additional requirements for asbestos.

**Type 22**

### Type 22

These vacuum cleaners are approved to pick up explosive dusts as well as dusts from dust classes L, H and M. These include hardwood dust, all non-carcinogenic dusts with OEL values > 1.0 mg/m<sup>3</sup> and/or inflammable dusts in ATEX Zone 22 applications.

# Industrial health/safety wet & dry vacs

## M-CLASS

### FOR CRAFTSMEN AND OTHER PROFESSIONALS ON THE MOVE

If you are working with M-Class hazardous dust, you will find the perfect Wet&Dry solution here. Choose from 3 different container sizes and other features which enhance your working efficiency like automatic or semi automatic filter cleaning, automatic start/stop and more.



#### M-CLASS VACS

- Approved for work with M-Class hazardous dust.
- Industrial specifications, robust construction, and powerful... the definition of ATTIX series vacuums.
- XtremeClean. Automatic filter cleaning system takes care of filter cleaning tasks in just a few seconds without interrupting your work.
- Push&Clean. A filter cleaning system which allows you to clean the filter in seconds... and continue your work.
- Washable PET fleece filter for high efficiency and low maintenance costs.
- SilentPower. High performance that is seen, but not heard.
- AutoOnOff for electric tools.
- EasyDisposal bag – quick and easy change of bag instead of emptying container (763-2M ED).
- SoftStart.
- Tool tray.
- MultiFit accessory system for the ultimate in task flexibility.

TECHNICAL DATA	ATTIX 30-2M PC	ATTIX 30-2M XC	ATTIX 50-2M PC	ATTIX 50-2M XC	ATTIX 751-2M	ATTIX 761-2M XC	ATTIX 763-2M ED
Air flow rate (l/min.)	3700	3700	3700	3700	3600	3600	3600
Vacuum (mbar/kPa)	250/25	250/25	250/25	250/25	230/23	230/23	230/23
Power P <sub>max</sub> (W)	1500	1500	1500	1500	1500	1500	1500
Power P <sub>IEC</sub> (W)	1200	1200	1200	1200	1200	1200	1200
Working sound level (dB(A))	62	62	62	62	57	57	57
Container volume (l/max)	30	30	47	47	70	70	~30
Mains connection (V/~ /Hz)	230/1/50-60	230/1/50-60	230/1/50-60	230/1/50-60	230/1/50-60	230/1/50-60	230/1/50-60
Dimensions L x W x H (mm)	450x380x595	450x380x595	450x380x750	450x380x750	605x580x970	605x580x970	605x580x1284
Weight (kg)	10	12	11	12	25	27	25
El cable (m)	7.5	7.5	7.5	7.5	7.5	7.5	7.5
STANDARD EQUIPMENT							
Suction hose	302001682 [Ø36 mm x 5 m AS]	302001682 [Ø36 mm x 5 m AS]	302001682 [Ø36 mm x 5 m AS]	302001682 [Ø36 mm x 5 m AS]	15325 [Ø27 mm x 3.5 m AS]	15325 [Ø27 mm x 3.5 m AS]	302001682 [Ø36 mm x 5 m AS]
Extension tube	302000529		302000529				15546
Filter bag	302004000	302004000	302004004	302004004	302001484	302001484	
Flat filter		302002842		302002842			
Filter element, PET	302000490		302000490		302000490	302000751	302000751
Disposal bag						302001480	
Hose sleeve					18195	18195	
Tool adapter	302000535	302000535	302000535	302000535			
Curved hand tube	302000528		302000528				46691
Floor nozzle	302003666		302003666				15348
ITEM NO.	107400402	107400401	107400403	107400404	302001526	302001535	302001695

## H-CLASS



### WET&DRY SAFETY VACUUMS

If you are working with H-Class hazardous dust, you will find the perfect Wet&Dry solution here. Choose from different container sizes and other features which enhance your working efficiency like automatic or semiautomatic filter cleaning, automatic start/stop and more.



#### H-CLASS VACS

- Approved for work with H-Class hazardous dust.
- Industrial specifications, robust construction, and powerful... the definition of ATTIX series vacuums.
- XtremeClean. Automatic filter cleaning system takes care of filter cleaning tasks in just a few seconds without interrupting your work.
- Push&Clean. A filter cleaning system which allows you to clean the filter in seconds... and continue your work.
- 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 30-2H PC	ATTIX 50-0H PC	ATTIX 50-2H PC	ATTIX 50-2H XC	ATTIX 751-0H	ATTIX 761-2H XC
Air flow rate (l/min.)	3700	3700	3700	3700	3700	3100	3600
Vacuum (mbar/kPa)	250/25	250/25	250/25	250/25	250/25	230/23	230/23
Power P <sub>max</sub> (W)	1500	1500	1500	1500	1500	1500	1500
Power P <sub>IEC</sub> (W)	1200	1200	1200	1200	1200	1200	1200
Working sound level (dB(A))	62	62	62	62	62	57	57
Container volume (l/max)	30	30	47	47	47	70	70
Mains connection (V/~ /Hz)	230/1/50-60	230/1/50-60	230/1/50-60	230/1/50-60	230/1/50-60	230/1/50-60	230/1/50-60
Dimensions L x W x H (mm)	450x380x595	450x380x595	450x380x750	450x380x750	450x380x750	605x580x970	605x580x970
Weight (kg)	10	10	11	11	12	25	27
El cable (m)	7.5	7.5	7.5	7.5	7.5	7.5	7.5
STANDARD EQUIPMENT							
Suction hose	46948 [Ø36 mm x 3 m]	302001682 [Ø36 mm x 5 m AS]	46948 [Ø36 mm x 3 m]	302001682 [Ø36 mm x 5 m AS]	302001682 [Ø36 mm x 5 m AS]	46948 [Ø36 mm x 3 m]	63209 [Ø36 mm x 4 m]
Extension tube	302000529		302000529				
Safety filter bag	107400233	107400233	107400236	107400236	107400236	302001486	302001486
Filter element, H-class	302000658	302000658	302000658	302000658	107400449	302000658	302001137
Curved hand tube	302000528		302000528			46691	
Tool adapter		302000535		302000535	302000535		
Floor nozzle	302003666		302003666				
Diagonal nozzle	5067		5067			5067	
ITEM NO.	107400405	107400406	107400407	107400408	107400409	302001519	302002174

# Industrial health/safety wet & dry vacs

## ATTIX 9 H/M

### INDUSTRIAL HEALTH & SAFETY

The ATTIX 965-0H/M SD XC is the most powerful two-motor machine approved to be used for both H and M Class. Featuring XtremeClean automatic filter cleaning and a stainless steel Sit Down container. The perfect disposal concept for industrial use and health endangering and carcinogenic dust.



#### ATTIX 965-0H/M SD XC

- Industrial specifications, robust construction, and powerful... the definition of ATTIX 9.
- Approved for M- and H-Class.
- Two motor industrial performance.
- XtremeClean fully automatic filter cleaning system for high efficiency.
- Big surface H-Class filter for high efficiency and low maintenance costs.
- Stainless steel sit down container for perfect handling and disposal.
- 10 m cable for a large working radius.
- Disposal and Safety filterbag as standard.
- For best performance use max. system 38 hose and accessories.
- Dry pick-up ONLY.
- MultiFit accessory system for the ultimate in task flexibility.



TECHNICAL DATA	ATTIX 965-0H/M SD XC
Air flow rate (l/min.)	2 x 3600
Vacuum (mbar/kPa)	250/25
Power P <sub>max</sub> (W)	2 x 1500
Power P <sub>IEC</sub> (W)	2 x 1200
Working sound level (dB(A))	67
Container volume (l/max)	50
Mains connection (V/~ /Hz)	230/1/50-60
Dimensions L x W x H (mm)	615x690x990
Weight (kg)	45
El cable (m)	10
<b>STANDARD EQUIPMENT</b>	
Safety filter bag	302003473
Disposal bag	302001480
Filter element, H-class	107400564
<b>ITEM NO.</b>	<b>302002903</b>

## TYPE 22



### FOR ATEX ZONE 22 EXPLOSIVE DUST

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.



#### TYPE 22 VACS

- Approved for work in ATEX Zone 22 environments with explosive dust.
- Industrial performance, robust construction, and loaded with useful features to maximize your efficiency and minimize your costs.
- Brushless, long life motors for top performance and durability.
- High capacity containers for big jobs.
- A full range of Type 22 accessories are available to tailor your machine to your application.

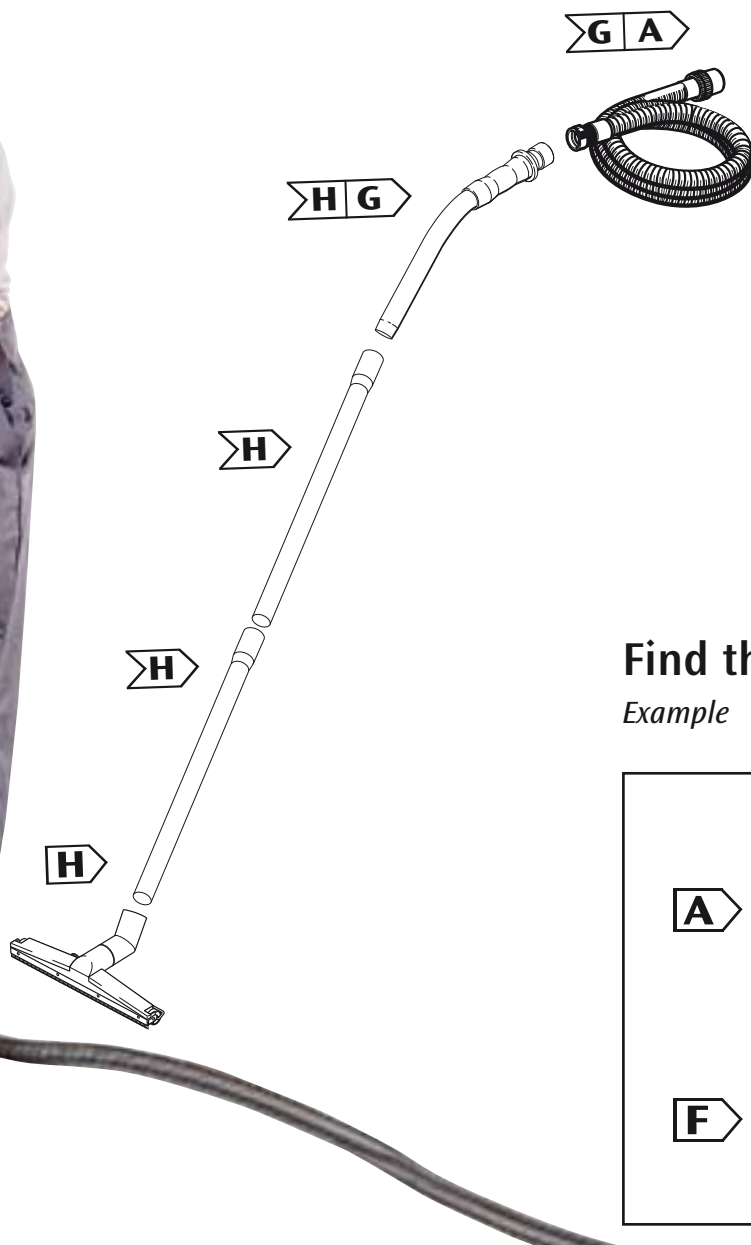
TECHNICAL DATA	ATTIX 40-0L PC TYPE 22	ATTIX 791-2M/B1	ATTIX 995-0H/M SD XC TYPE 22	ATTIX 170M TYPE 22	ATTIX 170H TYPE 22	ATTIX 200M TYPE 22	ATTIX 200H TYPE 22
Air flow rate (l/min.)	3600	3800	2 x 3600	5100	5100	13500	13500
Vacuum (mbar/kPa)	230/23	250/25	250/25	460/46	460/46	420/42	420/42
Power P <sub>max</sub> (W)	1400	1500	2x1500				
Power P <sub>IEC</sub> (W)	1100	1200	2x1200	4000	4000	7500	7500
Working sound level (dB(A))	62	59	67	73	73	78	78
Container volume (l/max)	37	70	50	100	100	175	175
Mains connection (V/~ /Hz)	230/1/50-60	230/1/50-60	230/1/50-60	400/3/50	400/3/50	400/3/50	400/3/50
Dimensions L x W x H (mm)	450x440x750	605x580x970	615x690x990	1250x650x1570	1250x650x1570	1650x800x1810	1650x800x1810
Weight (kg)	13	25	45	182	192	305	305
El cable (m)	7.5	7.5	10	5	5	5	5
<b>STANDARD EQUIPMENT</b>							
Suction hose, electrically conductive	44193 [Ø36 mm x 4 m]	48132 [Ø27 mm x 4 m]					
Filter bag	302004004						
Safety filter bag / container kit		302001484	302003473	2560366	2560366	4056000410	4056000410
Filter element	302000490	302000490	107400564	Z8 17245	Z8 17245	Z8 17246	Z8 17246
Disposal bag			302001480				
Diagonal nozzle, rubber	302000227						
<b>ITEM NO.</b>	<b>107400410</b>	<b>302001537</b>	<b>302002904</b>	<b>4030800271</b>	<b>4030800272</b>	<b>4030700198</b>	<b>4030700252</b>

# Find the right connection for the accessory



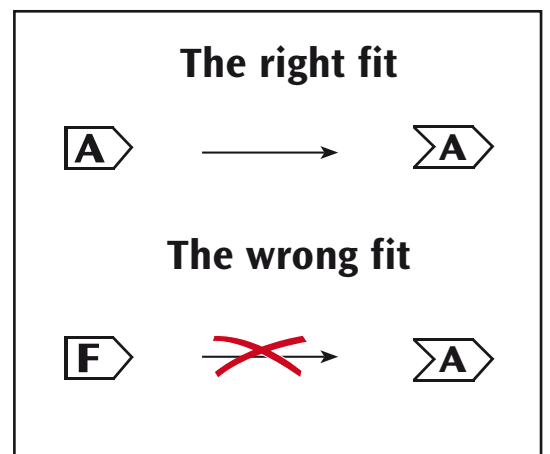
On the next pages you will find all accessories to fit your Nilfisk-ALTO vacuum cleaner and customize it to your specific demands. To find your way through, we have created a symbol system to match your accessories.

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.



## Find the right connection

*Example*



# Accessory sets for vacuum cleaners

EXCEPT Type 22 vacuums

# Nilfisk ALTO

Why Compromise

Wet&Dry M-Class H-Class Industrial

ATTIX 30  
ATTIX 30 PC  
ATTIX 30 VC  
ATTIX 40 PC  
ATTIX 40 XC  
ATTIX 50 PC  
ATTIX 50 XC  
ATTIX 751-11, -21  
ATTIX 751-61  
ATTIX 751-71  
ATTIX 763-21 ED  
ATTIX 761-21 XC  
ATTIX 791-21  
ATTIX 961-01  
ATTIX 963-21 ED XC  
ATTIX 965-21 SD XC  
ATTIX 30-2M PC  
ATTIX 30-2M XC  
ATTIX 50-2M PC  
ATTIX 50-2M XC  
ATTIX 751-2M XC  
ATTIX 761-2M XC  
ATTIX 763-21 ED  
ATTIX 30-2H PC  
ATTIX 50-2H PC  
ATTIX 50-2H XC  
ATTIX 751-0H  
ATTIX 761-2H XC  
ATTIX 965-0H/M, SD XC  
ATTIX 140  
ATTIX 150  
ATTIX 170



Item No.	Wet&Dry	M-Class	H-Class	Industrial
<b>Hose set</b>	<input checked="" type="checkbox"/>			
3-piece, 36 mm dia. connection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 m suction hose, universal, Ø36	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Curved hand tube, stainless steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Adapter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Item No.	Wet&Dry	M-Class	H-Class	Industrial
<b>Car set</b>	<input checked="" type="checkbox"/>			
3-piece, 36 mm dia. connection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Crevice nozzle, plastic, 300 mm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Universal nozzle, plastic, 45 mm x 115 mm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diagonal tube nozzle, rubber	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Item No.	Wet&Dry	M-Class	H-Class	Industrial
<b>Home &amp; office set</b>	<input checked="" type="checkbox"/>			
5-piece, 36 mm dia. connection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 x 500 mm extension tubes, aluminium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Universal nozzle, plastic, 115 mm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Combination nozzle	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Brush nozzle, plastic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Radiator brush nozzle, plastic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Item No.	Wet&Dry	M-Class	H-Class	Industrial
<b>Trade &amp; industry set</b>	<input checked="" type="checkbox"/>			
5-piece, 36 mm dia. connection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 x 500 mm extension tubes, stainless steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Crevice nozzle, plastic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Large capacity floor nozzle with brush strips, 450 mm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Replacement rubber lips, for wet vacuuming	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flat rubber nozzle, oil and heat-resistant, 100 mm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Item No.	Wet&Dry	M-Class	H-Class	Industrial
<b>Workshop set</b>	<input checked="" type="checkbox"/>			
6-piece, 36 mm dia. connection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 m suction hose, universal, Ø36	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Curved hand tube, stainless steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 x 500 mm extension tubes, stainless steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Professional floor nozzle, 360 mm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Crevice nozzle, plastic, 300 mm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diagonal tube nozzle, rubber	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Item No.	Wet&Dry	M-Class	H-Class	Industrial
<b>Industrial/floor set</b>	<input checked="" type="checkbox"/>			
4-piece, 36 mm dia. connection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 m suction hose, oil-resistant, Ø36	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Curved hand tube, stainless steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 x 500 mm extension tubes, stainless steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Large capacity floor nozzle with rubber lips, 450 mm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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



# Accessory sets for vacuum cleaners

EXCEPT Type 22 vacuums

# Nilfisk ALTO

Why Compromise



Wet&Dry	M-Class	H-Class	Industrial
ATTIX 30 ATTIX 30 PC ATTIX 30 XC ATTIX 40 PC ATTIX 40 XC ATTIX 50 PC ATTIX 50 XC ATTIX 751-11, -21 ATTIX 751-61 ATTIX 751-71 ATTIX 763-21 ED ATTIX 761-21 XC ATTIX 791-21 ATTIX 961-01 ATTIX 963-21 ED XC ATTIX 965-21 SD XC	ATTIX 30-2M PC ATTIX 30-2M XC ATTIX 50-2M PC ATTIX 50-2M XC ATTIX 751-2M ED ATTIX 763-2M ED ATTIX 761-2M XC ATTIX 791-2M XC ATTIX 963-2M ED XC ATTIX 965-2M SD XC	ATTIX 30-2H PC ATTIX 30-2H XC ATTIX 50-2H PC ATTIX 50-2H XC ATTIX 751-0H ATTIX 761-2H XC ATTIX 965-0H/M/SD XC	ATTIX 140 ATTIX 150 ATTIX 170

			Item No.
	<b>Industrial set</b>		63216
	6-piece, 50 mm dia. connection	<input type="checkbox"/>	
	4 m suction hose, universal, Ø50	<input type="checkbox"/>	15358
	Curved extension tube, 1 m, anodised aluminium	<input type="checkbox"/>	15335
	Industrial floor nozzle, aluminium, 500 mm	<input type="checkbox"/>	15343
	Replacement rubber lips	<input type="checkbox"/>	15346
	Crevice nozzle, special plastic	<input type="checkbox"/>	7102
Coarse dirt nozzle, aluminium, 200 mm	<input type="checkbox"/>	41100	
<hr/>			
	<b>Industrial set</b>		302002881
	5-piece, 38 mm dia connection	<input type="checkbox"/>	
	4 m suction hose Ø38 mm, universal	<input type="checkbox"/>	302002796
	2 x 500 mm suction tubes, stainless steel	<input type="checkbox"/>	302002888
	Curved hand tube, stainless steel	<input type="checkbox"/>	302002889
	Industrial adjustable floor nozzle, 400 mm	<input type="checkbox"/>	302002798
	Crevice nozzle, special plastic	<input type="checkbox"/>	302002890
<hr/>			
	<b>Standard set</b>		6085
	3-piece, 50 mm dia. connection	<input type="checkbox"/>	
	4 m suction hose, universal, Ø50	<input type="checkbox"/>	15358
	Diagonal tube nozzle, rubber	<input type="checkbox"/>	7868
Crevice nozzle, special plastic	<input type="checkbox"/>	7102	
<hr/>			
	<b>Chip set</b>		61681
	2-piece, 50 mm dia. connection	<input type="checkbox"/>	
	4 m heat resistant suction hose, Ø50	<input type="checkbox"/>	15182
Diagonal tube nozzle, rubber	<input type="checkbox"/>	7868	
<hr/>			
	<b>Bus set</b>		63217
	6-piece, 50 mm dia. connection	<input type="checkbox"/>	
	16 m suction hose, universal, Ø50	<input type="checkbox"/>	
	2 x 560 mm extension tube, plastic	<input type="checkbox"/>	5152
	Crevice nozzle, special plastic	<input type="checkbox"/>	7102
	Coarse dirt nozzle, aluminium, 200 mm	<input type="checkbox"/>	41100
	Suction brush, plastic	<input type="checkbox"/>	40458
Hose holder	<input type="checkbox"/>	65081	

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



# Accessories for vacuum cleaners

EXCEPT Type 22 vacuums

# Nilfisk ALTO

Why Compromise

Wet&Dry M-Class H-Class Industrial



## SYSTEM 50

ATTIX 30	ATTIX 30 PC	ATTIX 30 XC	ATTIX 40 PC	ATTIX 40 XC	ATTIX 50 PC	ATTIX 50 XC	ATTIX 751-11, -21	ATTIX 751-61	ATTIX 751-71	ATTIX 763-21 ED	ATTIX 761-21 XC	ATTIX 791-21	ATTIX 961-01	ATTIX 963-21 ED XC	ATTIX 965-21 SD XC	ATTIX 30-2M PC	ATTIX 30-2M XC	ATTIX 50-2M PC	ATTIX 50-2M XC	ATTIX 751-2M	ATTIX 763-2M ED	ATTIX 761-2M XC	ATTIX 30-2H PC	ATTIX 30-2H XC	ATTIX 50-2H PC	ATTIX 50-2H XC	ATTIX 751-0H	ATTIX 761-2H XC	ATTIX 965-0H/M, SD XC	ATTIX 140	ATTIX 150	ATTIX 170
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**Industrial floor nozzle**  
Brush strips and height adjustable wheels, for dry vacuuming, aluminium, 500 mm wide

Wet&Dry	M-Class	H-Class	Industrial
○	○	○	○

**Item No.**  
15343  
15347  
15345



**Floor nozzle, premium,**  
50 mm, with brushes and rubber lips, 450 mm

Replacement brush set  
Replacement rubber lips

Wet&Dry	M-Class	H-Class	Industrial
○	○	○	○

302002880  
302003794  
302003795



**Floor nozzle**  
plastic, 350 mm wide  
Brush insert for vacuuming light materials

Wet&Dry	M-Class	H-Class	Industrial
○	○	○	○

6077



**Coarse dirt nozzle**  
plastic, 175 mm wide  
For light vacuuming of coarse and bulky materials (paper, wood, wool, wood shavings, leaves, etc.)

**Coarse dirt nozzle**  
aluminium, 200 mm wide  
with brush insert, professional version  
Replacement brush insert

Wet&Dry	M-Class	H-Class	Industrial
○	○	○	○

5153  
41100  
41101



**Diagonal tube nozzle, rubber**  
For vacuuming machines, car upholstery, etc.

Wet&Dry	M-Class	H-Class	Industrial
○	○	○	○

7868



**Crevice nozzle, special plastic**  
Shock and abrasion-proof. For hard to reach places, especially for commercial car cleaning

Wet&Dry	M-Class	H-Class	Industrial
○	○	○	○

7102



**Rubber nozzle, round**  
Oil and heat-resistant. For hard to reach places

Wet&Dry	M-Class	H-Class	Industrial
○	○	○	○

19936



**Rubber nozzle, flat**  
Oil and heat-resistant. For hard to reach corners

Wet&Dry	M-Class	H-Class	Industrial
○	○	○	○

31244



**Suction brush, plastic**  
With nylon bristles, for dashboards, etc.

Wet&Dry	M-Class	H-Class	Industrial
○	○	○	○

40458

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



# Accessories for vacuum cleaners

EXCEPT Type 22 vacuums

# Nilfisk ALTO

Why Compromise



## SYSTEM 36

Wet&Dry M-Class H-Class Industrial

ATTIX 30  
ATTIX 30 PC  
ATTIX 30 VC  
ATTIX 40 PC  
ATTIX 40 XC  
ATTIX 50 PC  
ATTIX 50 XC  
ATTIX 751-11, -21  
ATTIX 751-61  
ATTIX 751-71  
ATTIX 763-21 ED  
ATTIX 761-21 XC  
ATTIX 791-21  
ATTIX 961-01  
ATTIX 963-21 ED XC  
ATTIX 965-21 SD XC  
ATTIX 30-2M PC  
ATTIX 30-2M XC  
ATTIX 50-2M PC  
ATTIX 50-2M XC  
ATTIX 751-2M  
ATTIX 763-2M ED  
ATTIX 761-2M XC  
ATTIX 30-2H PC  
ATTIX 50-2H PC  
ATTIX 50-2H XC  
ATTIX 751-0H  
ATTIX 761-2H XC  
ATTIX 965-0H/M, SD XC  
ATTIX 140  
ATTIX 150  
ATTIX 170

Item No.

Item Description	Wet&Dry	M-Class	H-Class	Industrial	Item No.
<b>Suction hose – 36 mm dia.</b>					
Universal, 3 m with quick system	☑	○	○	○	46948
Universal, 4 m with quick system	☑	○	○	○	25537
Oil-resistant, 4 m with quick system	☑	○	○	○	61779
AntiStatic, 3 m with quick system	☑	○	○	○	60781
AntiStatic, 4 m with quick system	☑	○	○	○	63209
AntiStatic, 5 m with quick system	☑	○	○	○	302001682
<b>Curved hand tube</b>					
Stainless steel with quick system	☑	○	○	○	46691
Chromium-plated steel with quick system	☑	○	○	○	302000528
<b>Hand tube and adapter, turnable</b>					
Adaptor, plastic for suction hoses with quick system	☑	○	○	○	29457
Tool adapter with quick system	☑	○	○	○	302000535
<b>Extension tubes</b>					
Telescopic tube, stainless steel 550-970 mm long with ratchet mechanism	☑	○	○	○	47109
<b>Straight extension tube, 2-pcs</b>					
stainless steel, 2 x 500 mm	☑	○	○	○	15546
chromium-plated steel, 2 x 500 mm	☑	○	○	○	302000529
<b>Straight extension tube, 2-pcs</b>					
aluminium, 2 x 500 mm	☑	○	○	○	107400032
<b>Suction nozzles for floor cleaning</b>	☑	○	○	○	302000477
Combi-nozzle, plastic, 260 mm, foot operated with thread picker and swivel joint for carpets and smooth floors at home and office Replacement thread picker	☑	○	○	○	
Combi-nozzle, plastic, 250 mm foot operated for carpets and hard floors	☑	○	○	○	302000962
Office floor nozzle, plastic, 300 mm Foot operated switchover, thread picker, with big rear wheels for every day use in shops or offices	☑	○	○	○	302000259

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

# Accessories for vacuum cleaners

EXCEPT Type 22 vacuums



## SYSTEM 36

Wet&Dry M-Class H-Class Industrial

ATTIX 30  
ATTIX 30 PC  
ATTIX 30 XC  
ATTIX 40 PC  
ATTIX 40 XC  
ATTIX 50 PC  
ATTIX 50 XC  
ATTIX 751-11, -21  
ATTIX 751-61  
ATTIX 751-71  
ATTIX 763-21 ED  
ATTIX 761-21 XC  
ATTIX 791-21  
ATTIX 961-01  
ATTIX 963-21 ED XC  
ATTIX 965-21 SD XC  
ATTIX 30-2M PC  
ATTIX 30-2M XC  
ATTIX 50-2M PC  
ATTIX 50-2M XC  
ATTIX 751-2M ED  
ATTIX 763-2M ED  
ATTIX 761-2M XC  
ATTIX 791-2M XC  
ATTIX 963-2M PC  
ATTIX 965-2M SD XC  
ATTIX 140  
ATTIX 150  
ATTIX 170



Professional floor nozzle, plastic, 360 mm ○○○○○○○○ ○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○

Item No.  
60356

Replacement brush strips 60358  
Replacement rubber lips 60359

Professional floor nozzle, plastic, 400 mm ○○○○○○○○ ○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○ 302003666



Floor nozzle, aluminium, 330 mm ○○○○○○○○ ○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○

5147  
6521



Large area floor nozzle, aluminium, 450 mm ○○○○○○○○ ○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○

15349

Rubber lips and height adjustable wheels for wet vacuuming  
Replacement rubber lips 15352  
Replacement rubber lips oil resistant 302000186  
Replacement wheels (2 pcs) 15345

Large area floor nozzle, aluminium, 450 mm ○○○○○○○○ ○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○

15348

Brush strips and height adjustable wheels for dry vacuuming  
Replacement brush strips 15351  
Replacement wheels (2 pcs) 15345

Large area floor nozzle, aluminium, 450 mm ○○○○○○○○ ○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○

15350

Special fluff strip and height adjustable wheels for textile floors  
Replacement special fluff strips (2 pcs) 15353  
Replacement wheels (2 pcs) 15345



Water suction nozzle, plastic 300 mm ○○○○○○○○ ○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○

7270  
18794



Special floor nozzle, plastic, 400 mm ○○○○○○○○ ○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○

5149

Corrugated rubber lips and height adjustable wheels for wet and dry vacuuming, especially at building sites  
Replacement rubber lips 6114



Parquet nozzle, plastic, 300 mm ○○○○○○○○ ○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○

64195

With long and soft horsehair bristles for a gentle and thorough cleaning of sensitive surfaces



Electric suction brush, 305 mm ○○○○○○○○ ○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○

11664

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

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





# Accessories for vacuum cleaners

EXCEPT Type 22 vacuums

# Nilfisk ALTO

Why Compromise



## BAGS & FILTERS

Wet&Dry M-Class H-Class Industrial

MAXXI 3 WD  
MAXXI 7 WD  
ATTIX 30  
ATTIX 30 PC  
ATTIX 30 XC  
ATTIX 40 FC  
ATTIX 40 XC  
ATTIX 50 FC  
ATTIX 50 XC  
ATTIX 751-11, -21  
ATTIX 751-11  
ATTIX 751-71  
ATTIX 763-21 ED  
ATTIX 761-21 XC  
ATTIX 791-21  
ATTIX 961-01  
ATTIX 963-21 ED XC  
ATTIX 965-21 SD XC  
ATTIX 30-2M PC  
ATTIX 50-2M PC  
ATTIX 50-2M XC  
ATTIX 751-2M  
ATTIX 763-2M ED  
ATTIX 761-2M XC  
ATTIX 30-0H PC, 30-2H FC  
ATTIX 50-0H PC, 50-2H FC  
ATTIX 50-2H XC  
ATTIX 751-0H XC  
ATTIX 965-2H XC  
ATTIX 140  
ATTIX 150  
ATTIX 170

Item No.



**Filter support bags**  
Cotton bag, reusable, prevents burst of filter bag,  
while vacuuming fine dust

302000200



**Safety filter bag, 5 pcs**  
Filter material BIA-tested

302001486

302003473

107400233

107400236



**Filter elements**

PET fleece, washable

302000490

PET fleece, washable

302000751

Paper/glass fibre

302000658

Paper/glass fibre

302001137

PET fleece, washable

140 8686 500

Motor filter

140 8682 500



Flat filter, set 2

107400562

107400564

302002842

107400449



Micro filter element, HEPA tested, Grade H14

302001095

Micro filter elements, HEPA tested

302004001



**Filter element protective cover**

Cloth filter for protection of the filter cartridge

Best suitable for dust with fibres and  
for coarse dust

11801



Filter sieve

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

302000606

302000525

302002894

Filter sack – MAXXI 3 WD

140 8658 500

Filter sack – MAXXI 7 WD

140 9512 500

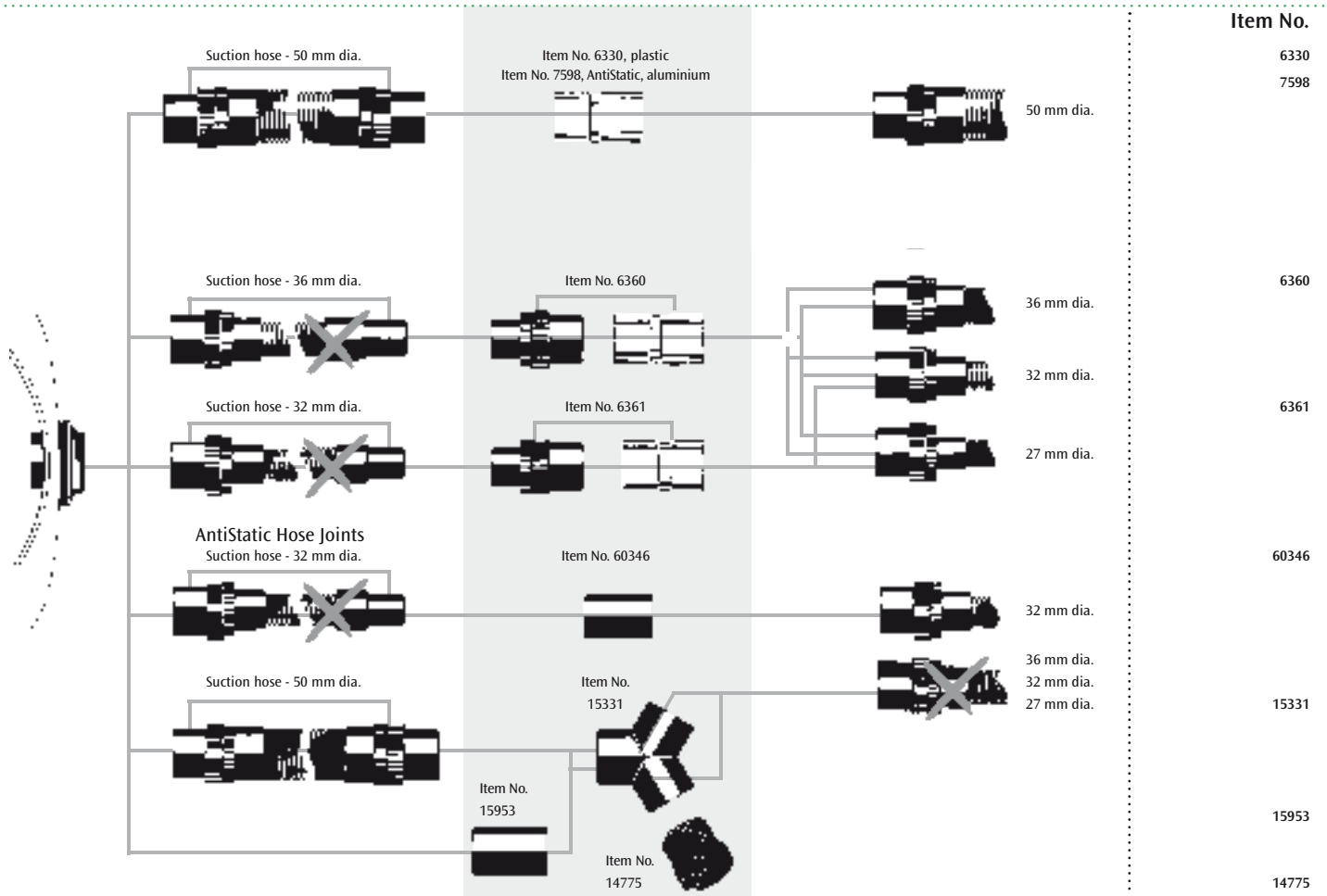
○ Can be used. (Items included as standard can be seen on the machine pages)







# Hose connection and distributors



## Suction Hoses



### Universal

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

### AntiStatic

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

### Oil-resistant

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



### Heat-resistant

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



### Metal

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



### Chips, abrasive

Colour: Transparent, Ø50  
To use: Temperature at -40 to +90°C (short term +125°C)

Bend radius: Ø60 r = 60 mm  
Special for metal shavings, glass, sliver and other materials, oil-resistant, AntiStatic, aluminium sleeves and steel wire coil



## Suction hose systems

EXCEPT Type 22 vacuums



Lengths as required

Nozzle side sleeve

By the metre  
– max 20 m

Vacuum side sleeve

Complete

		Item No.		Item No.		Item No.		Length m	Item No.	
System 70	Universal		42419	34947***		34955				
System 50	Universal		15101	11984		15101	1.75		19930	
	Oil-resistant		15101	14238		15101	4		15358	
	Heat-resistant	Aluminium	7162	14238		7162	4		6468	
	AntiStatic		15811	7599		15811	4		11061	
	Chips	Aluminium	33435	15309		14630	4		15815	
	Metal						4		15182	15013
System 38	Universal		302002887	107400052		107400049	4		302002796	
System 36	Universal		46690*	11985		15102	3		46948	
	Oil-resistant		46690*	6429		15102	4		25537*	
	Heat-resistant	Aluminium	7674**	6429		7673	4		61779*	
		Anti-kink spring	14194**				4		6070**	
	AntiStatic		46690*	15312		15812	3		60781*	
	Electric tool	Connection DN 33-36	48070				4		63209*	
	DIN 44717, DN 35-40 AS	48750				5		302001682		
System 32	Universal		46947*	14240****		15103				
		Hand tupe	60911				3		302000473	
	AntiStatic	Electric tool	30971	43502		30928	5		30657	
System 27	Universal	Electric tool	18195	15307		15104	3.5		14289	
	AntiStatic	Electric tool	18195	15326		15369	3.5		15325	

\* Quick system for curved hand tupe 46691 or odapter (see page 87)

\*\* Only for oven and pipe cleaning

\*\*\* Max. 10 m

\*\*\*\* Max. 35 m

# Accessories for health & safety vacuum systems Type 22



## 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.*



ATTIX 791-2M/B1  
ATTIX 995-0H/M SD XC TYPE 22  
ATTIX 40-0L PC TYPE 22



					Item No.
<b>Safety filter bag</b>	(PU 5 pcs)	Zone 22		<input type="radio"/>	302001486
2-ply, with film bag, BIA-tested, with sealing cap, for dust-free disposal of substances with TLV values and carcinogenic substances				<input type="radio"/>	302003473



<b>Filter bag</b>				<input type="radio"/>	302001484
2-ply, BIA-tested	(PU 5 pcs)	M-tested		<input type="radio"/>	302004004



<b>Filter support bag</b>				<input type="radio"/>	60676
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<b>Disposal bag for filter element</b>	(PU 10 pcs)			<input type="radio"/>	30082
Absolute filter element/filter cartridge with filter disposal bag				<input type="radio"/>	



<b>Filter element</b>				<input type="radio"/>	107400564
		M-tested		<input type="radio"/>	302000490



<b>Motor cooling air filter</b>				<input type="radio"/>	107400041
<b>Motor cooling air filter</b>				<input type="radio"/>	302003721
<b>Motor cooling air filter</b>				<input type="radio"/>	302000491
Filter fleece for motor cooling air filter	(PU 5 pcs)			<input type="radio"/>	302001871

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

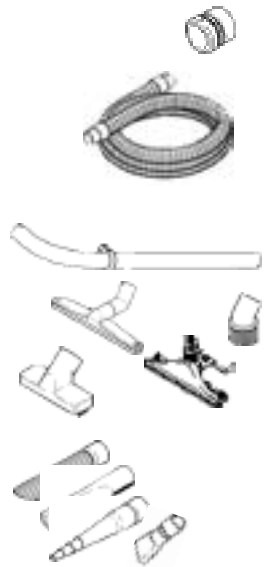
# Accessories for health & safety vacuum systems Type 22



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.



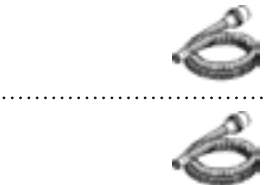
ATTIX 40-00 PCTYPE 22  
ATTIX 791-2M/B1  
ATTIX 995-0H/M SD XCTYPE 22  
ATTIX 170M TYPE 22  
ATTIX 170H TYPE 22  
ATTIX 200M TYPE 22  
ATTIX 200H TYPE 22



Connection – 50 mm dia.	Length		Item No.
Reducer B1	70-50 mm	○ ○	29726
Suction hose with connection sleeves, electrically conductive < 10 <sup>6</sup> ohms	4 m	○ ○ ○ ○ ○ ○ ○ ○	43245
Chip suction hose, with connection sleeves, abrasion-resistant	4 m	○ ○ ○ ○ ○ ○ ○ ○	42825
	8 m	○ ○ ○ ○ ○ ○ ○ ○	63710
	12 m	○ ○ ○ ○ ○ ○ ○ ○	63711
	20 m	○ ○ ○ ○ ○ ○ ○ ○	63713
Metal suction hose, heat-resistant up to 150°C, with connection sleeves	4 m	○ ○ ○ ○ ○ ○ ○ ○	42830
Extension tube, curved, stainless steel, galvanised	1100 mm	○ ○ ○ ○ ○ ○ ○ ○	33609
Suction brush, plastic		○ ○ ○ ○ ○ ○ ○ ○	42831
Industrial roller nozzle with brush strips	500 mm	○ ○ ○ ○ ○ ○ ○ ○	42834
Large rolling nozzle	600 mm	○	302002886
	600 mm	○	302001481
Coarse dirt nozzle	200 mm	○ ○ ○ ○ ○ ○ ○ ○	42835
Diagonal tube nozzle, rubber	330 mm	○ ○ ○ ○ ○ ○ ○ ○	42836
Crevice nozzle, plastic	430 mm	○ ○ ○ ○ ○ ○ ○ ○	42837
Rubber nozzle, round	350 mm	○ ○ ○ ○ ○ ○ ○ ○	42838
Rubber nozzle, flat	200 mm	○ ○ ○ ○ ○ ○ ○ ○	42839



Connection – 36 mm dia.	Length		Item No.
Suction hose with connection sleeves, electrically conductive < 10 <sup>6</sup> ohms	4 m	○ ○ ○ ○ ○ ○ ○ ○	44193
Extension tube, straight, stainless steel	950 mm	○ ○ ○ ○ ○ ○ ○ ○	46982
Curved hand tube, stainless steel	480 mm	○ ○ ○ ○ ○ ○ ○ ○	44188
Brush nozzle, plastic	230 mm	○ ○ ○ ○ ○ ○ ○ ○	44191
Large-capacity floor nozzle, with brush strips and height adjustable wheels	450 mm	○ ○ ○ ○ ○ ○ ○ ○	302000369
Replacement brush strips			15351
Crevice nozzle, plastic	290 mm	○ ○ ○ ○ ○ ○ ○ ○	44192
Tube cleaning nozzle	70-120 mm	○ ○ ○ ○ ○ ○ ○ ○	48066
Tube cleaning nozzle	120-200 mm	○ ○ ○ ○ ○ ○ ○ ○	48067
Diagonal tube nozzle, rubber		○ ○ ○ ○ ○ ○ ○ ○	302000227
B1 set for spark-free vacuum cleaners		○ ○ ○ ○ ○ ○ ○ ○	48907
6-piece, connection 36 mm. dia., 4 m suction hose, anti-static, curved hand tube, extension tube, large capacity floor nozzle, crevice nozzle, brush nozzle			



Connection – 32 mm dia.	Length		Item No.
Suction hose, electrically conductive < 10 <sup>6</sup> ohms	5 m	○ ○ ○ ○ ○ ○ ○ ○	48131

Connection – 27 mm dia.	Length		Item No.
Suction hose, electrically conductive < 10 <sup>6</sup> ohms	3.5 m	○ ○ ○ ○ ○ ○ ○ ○	48132

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



## Nilfisk-ALTO – floor cleaning equipment





## The blue choice = a complete range

Nilfisk-ALTO, one of the world's leading manufacturers of floor care equipment, presents here the Floor Cleaning range, a complete programme for organisations involved in the cleaning industry.

Our products are designed to optimise time and downsize labour costs through increased efficiency, ease of maintenance, ease of operation and the capacity to provide environmentally friendly cleaning around the clock.

The variety of hard and soft floor surfaces available and their cleaning requirements can only be matched by the Nilfisk-ALTO range of floor care equipment. Walk-behind sweepers, ride-on sweepers, walk-behind scrubber dryers, ride-on scrubber dryers, ride-on sweeper scrubber dryers, polishers and carpet extractors are supported by an extensive range of accessories including pads, brushes and detergents.

A complete offering of indoor and outdoor cleaning solutions – in electrical, battery or engine driven versions.



# SCRUBTEC 233



## The practical answer for smaller area cleaning

Wouldn't it be nice to be able to utilise the cleaning efficiency and productivity of a scrubber/dryer in smaller spaces? Now you can, thanks to the NEW SCRUBTEC 233!

The SCRUBTEC 233 is the latest addition to the Nilfisk-ALTO portfolio of scrubber/dryers, and is the smallest unit in the range. However, despite its compact profile, the SCRUBTEC 233 offers the highest brush pressure within its class, enabling excellent cleaning performance.

Designed to scrub and dry floors in congested and space-restricted areas, this unit is intended for use in canteens, restaurants, hotels, schools, kitchens, retail areas, garage/car facilities and anywhere that can normally only be cleaned by a single-disc machine and vacuum cleaner.

The SCRUBTEC 233 features spring-activated dual brushes/pads with a floor pressure of up to 18 kg to ensure cleaning efficiency. Furthermore, double squeegees enable vacuuming to take place whilst moving in either direction, backwards or forwards.

With an additional accessory kit, SCRUBTEC 233 can also be used as carpet/upholstery cleaner for cleaning office carpets/furniture, car seats etc. The machine weighs just 22 kg and can easily be transported from one job site to another. The productivity rate is said to be outstanding!

- *Easy to transport: the machine weight is only 22 kg; the handle can be folded on the machine.*
- *Scrubbing and drying performance: the machine is equipped with two brushes/pads giving 18 kg of down pressure, to ensure real scrubbing efficiency.*
- *The unit can be operated going forwards or backwards, with terrific drying capability in either direction.*
- *Adjustable handle allows the operator to select the optimal cleaning position.*
- *Folding handle makes transportation from job to job easy.*
- *Superb performance in areas where scrubber/dryers normally cannot access, even under furniture.*



*Recovery tank can be removed without tools for easy cleaning*



# Small scrubber dryers

# Nilfisk ALTO

Why Compromise

## SCRUBTEC 233



### IDEAL FOR THE LIGHT CLEANING OF MAINLY HARD FLOORS

It represents a unique combination of compact design, cleaning performance and drying efficiency. SCRUBTEC 233 is compact in size, allowing it to 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 and drying efficiency and compactness than SCRUBTEC 233.

#### 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 cable extension.
- Dual squeegees for cleaning both forward and reverse.



TECHNICAL DATA	SCRUBTEC 233
Cleaning width (mm)	330
Squeegee width (mm)	385
Theoretical surface performance (m <sup>2</sup> /h)	1320
Tank capacity solution / recovery (l)	10/11
Power source (V-Hz)	220/240-50/60
Brush motor (kW)	0.1
Brush speed (RPM)	200
Vacuum motor power (W)	450
El cable (m)	15
Dimensions L x W x H (mm)	665x390x460
Weight (kg)	22
STANDARD EQUIPMENT	
2 x brushes D. 165 PPL 0.4 Prolite	9097242000
Blades PU kit 385 mm/15"	9097542000
ITEM NO.	<b>9087235020</b>

# Small scrubber dryers

## SCRUBTEC 343

### COMPACT AND MODERN DESIGN

The SCRUBTEC 343 line is extremely compact and ideal for all-round cleaning of all different kinds of floors with 5 different brushes and 5 different pads. It is compact, easy to transport and very user friendly. Available as both battery and mains-powered. The SCRUBTEC 343 offers a high brush pressure and large tank capacity.



#### SCRUBTEC 343

- 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 storage wheel for easy transportation.
- Battery or mains powered.
- Ready to use with brush, batteries and on-board charger (COMBI version).

TECHNICAL DATA	SCRUBTEC 343 E	SCRUBTEC 343 B	SCRUBTEC 343 OBC	SCRUBTEC 343 COMBI
Cleaning width (mm)	430	430	430	430
Squeegee width (mm)	700	700	700	700
Theoretical surface performance (m <sup>2</sup> /h)	1720	1720	1720	1720
Working Speed (km/h)	4	4	4	4
Tank capacity solution / recovery (l)	31/31	31/31	31/31	31/31
Power source (V-Hz)	220/240-50/60			
Power source, Battery (V)		24	24	24
Brush motor (kW)	1.1	0.52	0.52	0.52
Brush speed (RPM)	150	160	160	160
Vacuum motor power (W)	550	300	300	300
Vacuum motor type	Tangential	Tangential	Tangential	Tangential
Traction motor type	Brush assist	Brush assist	Brush assist	Brush assist
El cable (m)	20			
Dimensions L x W x H (mm)	1020x570x860	1020x570x860	1020x570x860	1020x570x860
Weight with batteries (kg)	75, without battery	125	126.5	126.5
<b>STANDARD EQUIPMENT</b>				
Squeegee	909 5702 000	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
<b>ITEM NO.</b>	<b>908 7119 020</b>	<b>908 7115 020</b>	<b>908 7116 020</b>	<b>908 7114 020</b>

## Medium scrubber dryers

### SCRUBTEC 545



#### THE RIGHT ANSWER

*This exciting SCRUBTEC range offers fast cleaning, effective cleaning, and inexpensive cleaning. Highly productive, these units produce a fast return on investment and represent the best value for money in walk-behind scrubber dryers.*

#### SCRUBTEC 545

- Interchangeable brush decks with 3 disc sizes (45, 53 or 61 cm) or 51 cylindrical.
- 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 545 E	SCRUBTEC 545 B	SCRUBTEC 545 B COMBI	SCRUBTEC 545 BL	SCRUBTEC 545 BL COMBI
Cleaning width (mm)	450	450	450	450	450
Squeegee width (mm)	760	760	760	760	760
Theoretical surface performance ((m <sup>2</sup> /h)	1800	1800	1800	1800	1800
Tank capacity solution / recovery (l)	42/42	42/42	42/42	42/42	42/42
Power source (V-Hz)	220/240-50/60				
Power source, Battery (V)		24	24	24	24
Brush motor (kW)	1.1	0.48	0.48	0.48	0.48
Brush pressure (kg)	30	23	23	23/33	23/33
Vacuum motor power (W)	550	330	330	330	330
Traction motor power (kW)	Brush assist	Brush assist	Brush assist	200	200
Speed (km/h)	4	4	4	4.5	4.5
Dimensions L x W x H (mm)	1190x510x1050	1190x510x1050	1190x510x1050	1190x510x1050	1190x510x1050
Weight with batteries (kg)	176	237	237	237	237
<b>STANDARD EQUIPMENT</b>					
Squeegee	909 6851 000	909 6851 000	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		L08837020
<b>ITEM NO.</b>	<b>9087182020</b>	<b>9087170020</b>	<b>9087110020</b>	<b>9087174020</b>	<b>9087114020</b>

# Medium scrubber dryers

## SCRUBTEC 553

### THE RIGHT ANSWER

*This exciting SCRUBTEC range offers fast cleaning, effective cleaning, and inexpensive cleaning. Highly productive, these units produce a fast return on investment and represent the best value for money in walk-behind scrubber dryers.*



#### SCRUBTEC 553

- Interchangeable brush decks with 3 disc sizes (45, 53 or 61 cm) or 51 cylindrical.
- 42 L solution and recovery tanks.
- Large access to recovery tank speeds up cleaning time.
- Adjustable scrubbing pressure (L versions) provides the best results under all conditions.



TECHNICAL DATA	SCRUBTEC 553 E	SCRUBTEC 553 B	SCRUBTEC 553 B COMBI	SCRUBTEC 553 BL	SCRUBTEC 553 BL COMBI
Cleaning width (mm)	530	530	530	530	530
Squeegee width (mm)	760	760	760	760	760
Theoretical surface performance (m <sup>2</sup> /h)	2120	2120	2120	2120	2120
Tank capacity solution / recovery (l)	42/42	42/42	42/42	42/42	42/42
Power source (V-Hz)	220/240-50/60				
Power source, Battery (V)		24	24	24	24
Brush motor (kW)	1.1	0.48	0.48	0.48	0.48
Brush pressure (kg)	32	25	25	25/35	25/35
Vacuum motor power (W)	550	330	330	330	330
Traction motor power (kW)	Brush assist	Brush assist	Brush assist	200	200
Speed (km/h)	4	4	4	4.5	4.5
Dimensions L x W x H (mm)	1190x510x1050	1190x510x1050	1190x510x1050	1190x510x1050	1190x510x1050
Weight with batteries (kg)	177	238	238	238	238
<b>STANDARD EQUIPMENT</b>					
Squeegee	909 6851 000	909 6851 000	909 6851 000	909 6851 000	909 6851 000
2 x battery, 105 Ah, maintenance free			80564400		80564400
On-board charger			909 6739 000		909 6739 000
Brush	L08837025		L08837025		L08837025
<b>ITEM NO.</b>	<b>9087184020</b>	<b>9087176020</b>	<b>9087177020</b>	<b>9087179020</b>	<b>9087180020</b>

## Medium scrubber dryers

### SCRUBTEC 653



#### A SIMPLY SUPERIOR RANGE

Designated the SCRUBTEC 6 series, the range constitutes a choice for users of scrubbing widths. Apart from the interchangeable brush deck, other features include an exceptionally low noise level, adjustable scrubbing pressure and dashboard designed to reduce typical operator errors.

#### SCRUBTEC 653

- Interchangeable brush decks with 3 disc sizes (45, 53 or 61 cm) or 51 cylindrical.
- 55 L solution and recovery tanks.
- Large access to recovery tank speeds up cleaning time.
- Adjustable scrubbing pressure (L versions) provides the best results under all conditions.



TECHNICAL DATA	SCRUBTEC 653 E	SCRUBTEC 653 B	SCRUBTEC 653 B COMBI	SCRUBTEC 653 BL	SCRUBTEC 653 BL COMBI
Cleaning width (mm)	530	530	530	530	530
Squeegee width (mm)	760	760	760	760	760
Theoretical surface performance (m <sup>2</sup> /h)	2120	2120	2120	2120	2120
Tank capacity solution / recovery (l)	55/55	55/55	55/55	55/55	55/55
Power source (V/~/Hz)	220/240-50/60				
Power source, Battery (V)		24	24	24	24
Brush motor (kW)	1.1	0.48	0.48	0.48	0.48
Brush pressure (kg)	32	25	25	25/40	25/40
Vacuum motor power (W)	550	330	330	330	330
Traction motor power (kW)	Brush assist	Brush assist	Brush assist	200	200
Speed (km/h)	4	4	4	5.6	5.6
Dimensions L x W x H (mm)	1320x540x1090	1320x540x1090	1320x540x1090	1320x540x1090	1320x540x1090
Weight with batteries (kg)	186	254	254	254	254
<b>STANDARD EQUIPMENT</b>					
Squeegee	909 6851 000	909 6851 000	909 6851 000	909 6851 000	909 6851 000
2 x battery, 105 Ah, maintenance free			80564400		80564400
On-board charger			909 6739 000		909 6739 000
Brush	L08837025		L08837025		L08837025
<b>ITEM NO.</b>	<b>9087198020</b>	<b>9087186020</b>	<b>9087187020</b>	<b>9087189020</b>	<b>9087190020</b>

# Medium scrubber dryers

## SCRUBTEC 651

### A SIMPLY SUPERIOR RANGE

Designated the SCRUBTEC 6 series, the range constitutes a choice for users of scrubbing widths. Apart from the interchangeable brush deck, other features include an exceptionally low noise level, adjustable scrubbing pressure and dashboard that is designed to reduce typical operator errors.



#### SCRUBTEC 653

- Interchangeable brush decks with 3 disc sizes (45, 53 or 61 cm) or 51 cylindrical.
- 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 <sup>2</sup> /h)	2040	2040
Tank capacity solution / recovery (l)	55/55	55/55
Power source, Battery (V)	24	24
Brush motor (W)	2x400	2x400
Brush pressure (kg)	28	28
Vacuum motor power (W)	330	330
Traction motor power (kW)	200	200
Speed (km/h)	5.6	5.6
Dimensions L x W x H (mm)	1250x570x1090	1250x570x1090
Weight with batteries (kg)	257	257
<b>STANDARD EQUIPMENT</b>		
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
<b>ITEM NO.</b>	<b>9087192020</b>	<b>9087193020</b>

## Medium scrubber dryers

### SCRUBTEC 661



#### A SIMPLY SUPERIOR RANGE

Designated the SCRUBTEC 6 series, the range constitutes a choice for users of scrubbing widths. Apart from the interchangeable brush deck, other features include an exceptionally low noise level, adjustable scrubbing pressure and dashboard that is designed to reduce typical operator errors.

#### SCRUBTEC 661

- Interchangeable brush decks with 3 disc sizes (45, 53 or 61 cm) or 51 cylindrical.
- 55 L solution and recovery tanks.
- Large access to recovery tank speeds up cleaning time.
- Adjustable scrubbing pressure provides the best results under all conditions.



TECHNICAL DATA	SCRUBTEC 661 BL	SCRUBTEC 661 BL COMBI
Cleaning width (mm)	610	610
Squeegee width (mm)	810	810
Theoretical surface performance (m <sup>2</sup> /h)	2440	2440
Tank capacity solution/recovery (l)	55/55	55/55
Power source, Battery (V)	24	24
Brush motor (W)	2x350	2x350
Brush pressure (kg)	27/42	27/42
Vacuum motor power (W)	330	330
Traction motor power (kW)	200	200
Speed (km/h)	5.6	5.6
Dimensions L x W x H (mm)	1310x650x1090	1310x650x1090
Weight with batteries (kg)	255	255
<b>STANDARD EQUIPMENT</b>		
Squeegee	909 5372 000	909 5372 000
2 x battery, 105 Ah, maintenance free		80564400
On-board charger		909 6739 000
2 x brush		L08603842
<b>ITEM NO.</b>	<b>9087195020</b>	<b>9087196020</b>

# SCRUBTEC 8



## Better technology for added cleaning value

The new SCRUBTEC 8 series of scrubber dryers from Nilfisk-ALTO represents a significant step forward in cleaning equipment efficiency.

Each of the five models in the range feature the latest technologies developed through our years of experience, and have been designed to make cleaning easier, faster and more thorough. The result is better than ever; productivity, extremely silent operation, and the most advanced ergonomics available. Most importantly, floors are left completely clean and dry.

This series of walk-behind units is truly the state-of-the-art in scrubber/dryer efficiency. Gimbals-mounted brushes provide adjustable pressure to ensure effective cleaning, even on heavily soiled surfaces; the parabolic AccuTrack™ squeegee leaves the floor dry and ready for re-use; the brush decks are interchangeable; the one-touch controls reduce operator error and improve cleaning results; the ergonomics minimise operator fatigue – the list goes on!

The superb performance of the SCRUBTEC 8 machines brings a new dimension to large area floor cleaning. When scrubbing and drying are this efficient, costs are optimised and the benefits become obvious. Reliable and easy to use, this latest innovation from Nilfisk-ALTO provides added value to professional cleaning.

- 5 separate model versions to suit specific cleaning applications.
- Polydur bodywork is rugged, corrosion-free, and long lasting.
- Designed for the optional, cost-saving Nilfisk-ALTO chemical mixing system.
- Protective wheels are fitted both on the squeegee and the brush deck.
- Extremely low noise level makes daytime cleaning viable, even in noise-sensitive areas.
- Excellent ergonomic design provides uninterrupted visibility and less operator stress.
- Interchangeable brush decks give a choice of 3 different disc sizes, one cylindrical or 71 cm BOOST.



## Large scrubber dryers

### SCRUBTEC 8 / SCRUBTEC BOOST 8



#### BETTER FEATURES FOR OPTIMAL PERFORMANCE

The new SCRUBTEC 8 series is the complete walk-behind unit for large area cleaning. It represents a new generation of Nilfisk-ALTO scrubber dryers. More versatility, greater productivity, better reliability, extremely silent, and advanced ergonomics. Never before has there been such an outstanding combination of modern ergonomic design, high performance and superb traction.

#### SCRUBTEC 8 / SCRUBTEC BOOST 8

- 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.
- One-touch controls minimize the risk of operator error for improved safety and better cleaning results.
- Wide scrubbing path and better traction speed increases productivity.
- Superb manoeuvrability allows a 180° turn in a 200 cm aisle.
- Adjustable scrubbing pressure ensures good results on all surfaces.



TECHNICAL DATA	SCRUBTEC 866	SCRUBTEC 871	SCRUBTEC 886	SCRUBTEC 871 C	SCRUBTEC BOOST 8
Cleaning width (mm)	660	710	860	710	710
Squeegee width (mm)	826	890	1040	1040	890
Theoretical surface performance (m <sup>2</sup> /h)	2640	2840	3440	2840	2840
Tank capacity solution / recovery (l)	85/85	85/85	85/85	85/85	85/85
Power source, battery (V)	24	24	24	24	24
Brush size (mm)	2 x 330	2 x 355	2 x 430	2 x 690	710
Brush motor (kW)	2 x 0.56	2 x 0.56	2 x 0.56	2 x 0.6	2 x 0.56
Brush pressure (kg)	68	68	68	33	45
Brush speed (RPM)	200	200	200	615	2250
Vacuum motor power (W)	500	500	500	500	500
Traction motor (kW)	330	330	330	330	330
Dimensions LxWxH (mm)	1550x710x1120	1570x760x1120	1620x910x1120	1510x780x1120	1540x730x1120
Weight with batteries (kg)	352	352	352	352	352
<b>STANDARD EQUIPMENT</b>					
Squeegee	10398A	10399A	10748A	10399A	10399A
Pad, red					997001
<b>ITEM NO.</b>	<b>05390E</b>	<b>05400E</b>	<b>05410E</b>	<b>05420E</b>	<b>05370E</b>

# Large scrubber dryers

## SCRUBTEC 770 / 784 / 795

### BATTERY POWERED WALK-BEHIND SCRUBBER DRYER FOR BIG JOBS

The SCRUBTEC 795, 784 and 770 S/L range of walk-behind scrubber/dryers provides you with the best traction in double scrubbing and ramp cleaning, and they provide safety, not only for the operator, but also for the people walking the places where the machines have cleaned.



#### SCRUBTEC 770 / 784 / 795

- Low voltage shut off.
- Non corrosive polydur brush housing.
- Exclusive nylon gimbal brush/pad driver mount.
- Non marking pneumatic tires.
- AccuTrac patented breakaway swing squeegee.
- Neutral position traverse control handles.
- All controls on front view panel.



TECHNICAL DATA	SCRUBTEC 770 S	SCRUBTEC 770 L	SCRUBTEC 784 S	SCRUBTEC 784 L	SCRUBTEC 795 S	SCRUBTEC 795 L
Cleaning width (mm)	700	700	840	840	950	950
Squeegee width (mm)	813	813	991	991	1118	1118
Theoretical surface performance (m <sup>2</sup> /h)	2800	2800	3600	3600	3800	3800
Brush size (mm)	355	355	430	430	480	480
Tank capacity solution / recovery (l)	114/114	114/114	114/114	114/114	114/114	114/114
Power source, Battery (V)	36	36	36	36	36	36
Brush motor (kW)	2x0.74	2x0.74	2x0.74	2x0.74	2x0.74	2x0.74
Brush pressure (kg)	68-100	63.5-100	68-100	63.5-100	68-100	63.5-100
Brush speed (RPM)	200	200	200	200	200	200
Vacuum motor power (W)	740	740	740	740	740	740
Traction motor power (kW)	370	370	370	370	370	370
Dimensions L x W x H (mm)	1588x762x1118	1588x762x1118	1600x914x1118	1600x914x1118	1676x1041x1118	1676x1041x1118
Weight with batteries (kg)	456	456	460	460	465	465
<b>STANDARD EQUIPMENT</b>						
Squeegee	18815K	18815K	18816K	18816K	18817K	18817K
<b>ITEM NO.</b>	<b>05210E</b>	<b>05211E</b>	<b>05220E</b>	<b>05221E</b>	<b>05230E</b>	<b>05231E</b>

## SCRUBTEC BOOST – features



### Cleans up to 6 times better than disc scrubbers!

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

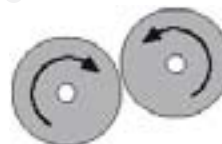
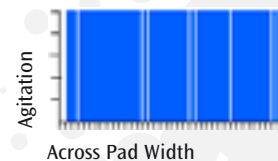
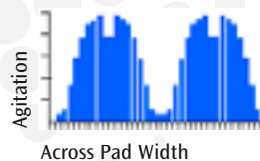


- 50-70% less water consumption.  
The orbital action contains the cleaning solution in the brush deck and carries it for the full length of the pad/brush. Compared to traditional disc scrubbers that sling water away from the pad, BOOST's efficient use of the cleaning solution results in water savings 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.

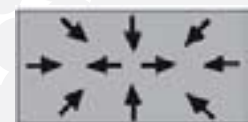


### The unique BOOST™ pad

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



Even Multi-Directional Scrubbing By BOOST™ Orbital Pad Scrubber Machines

# Ride-on scrubber dryer

## SCRUBTEC BOOST R 81

### CONSISTENT CLEANING WITH THE ENVIRONMENT IN MIND

With SCRUBTEC BOOST, cleaning solution is introduced in front of the rectangular scrubbing pad via pulse modulated solution control. This orbital motion requires less pad pressure and attacks the dirt from multiple directions as it passes over the floor. Close edge cleaning is possible thanks to the rectangular cleaning pad.



#### 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)	813
Squeegee width (mm)	1105
Theoretical surface performance (m <sup>2</sup> /h)	3250
Tank capacity solution / recovery (l)	110/110
Pad size (mm)	813x356
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 (l/min.)	0 - 3.3
Dimensions L x W x H (mm)	1429x840x1090
Weight with batteries (kg)	675
<b>STANDARD EQUIPMENT</b>	
Squeegee	11041A
Pad, red	997004
On-board charger	●
<b>ITEM NO.</b>	<b>00344E</b>

## Ride-on scrubber dryer

### SCRUBTEC R 3



#### BATTERY OPERATED COMPACT RIDE-ON SCRUBBER DRYER

The SCRUBTEC R 3 series is extremely manoeuvrable and easy to use. The simple control panel includes features like one-touch scrubbing, solution indicator, solution and brush pressure adjustment, just to mention a few. The ergonomic seat and adjustable steering wheel combined with the integrated low noise vacuum system makes it not only fun to operate, but pleasant for people around the machine.

#### SCRUBTEC R 3

- Extremely compact and manoeuvrable.
- Easy to enter from either right side or left side.
- On-board charger as standard.
- Close to edge cleaning.
- Automatic speed reduction on turns.
- Four different interchangeable scrub decks.
- Reverse alarm and horn as standard.
- Easy to understand control panel.



TECHNICAL DATA	SCRUBTEC R 361	SCRUBTEC R 366	SCRUBTEC R 371	SCRUBTEC R 371 CYLINDRICAL
Cleaning width (mm)	610	660	710	710
Squeegee width (mm)	813	813	991	991
Theoretical surface performance (m <sup>2</sup> /h)	2440	2640	2840	2840
Brush size (mm)	305	330	370	710
Tank capacity solution / recovery (l)	75/75	75/75	75/75	75/75
Power source, Battery (V)	24	24	24	24
Brush motor (W)	2 x 400	2 x 400	2 x 400	2 x 600
Brush pressure (kg)	30/50	30/50	30/50	34
Brush speed (RPM)	190	190	190	750
Vacuum motor power (W)	500	500	500	500
Traction motor power (kW)	600	600	600	600
Dimensions L x W x H (mm)	1450x658x1250	1450x682x1250	1450x758x1250	1450x758x1250
Weight with batteries (kg)	385	385	385	385
<b>STANDARD EQUIPMENT</b>				
Squeegee	●	●	●	●
On-board charger	●	●	●	●
<b>ITEM NO.</b>	<b>9087211020</b>	<b>9087215020</b>	<b>9087219020</b>	<b>9087223020</b>

# Ride-on scrubber dryers

## SCRUBTEC R 571 / R 586

### BATTERY POWERED AUTOMATIC RIDE-ON SCRUBBER DRYER

The SCRUBTEC R 5 range is extremely compact and stable, ideal for all scrubbing tasks. It can be configured with different brushes, pads and other options to fit 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.



TECHNICAL DATA	SCRUBTEC R 571 S	SCRUBTEC R 571 CS	SCRUBTEC R 586 S
Cleaning width (mm)	710	710	860
Squeegee width (mm)	838	838	1016
Theoretical surface performance (m <sup>2</sup> /h)	2840	2840	3440
Tank capacity solution / recovery (l)	110/110	110/110	110/110
Working speed (km/h)	4	4	4
Brush motor (W)	1500	2x560	1850
Brush pressure (kg)	0 - 102	41 - 59	0 - 102
Brush speed (RPM)	300	750	300
Brush size (mm)	2x355	2x710 Cyl.	2x430
Vacuum motor power (W)	670	670	670
Power source, battery (V)	36	36	36
Traction motor power (W)	450	450	450
Dimensions L x W x H (mm)	1664x749x1260	1664x749x1260	1664x749x1260
Weight with batteries (kg)	646	655	655
<b>STANDARD EQUIPMENT</b>			
Squeegee	10129A	10068A	10068A
On-board charger	●	●	●
2 x brush		30614A	
<b>ITEM NO.</b>	<b>00318E</b>	<b>00343E</b>	<b>00319E</b>

# Ride-on scrubber dryers

## ENCORE R



### COMPACT INDUSTRIAL RIDE-ON SCRUBBER DRYER

Reliable compact industrial ride-on scrubber dryer. With the right accessories and options you will achieve an outstanding cleaning result even on the dirtiest floors.

#### ENCORE R

- Squeegee blade change and adjusting without any tools.
- Exclusive breakaway squeegee protects inventory.
- Large rugged rotor molded tanks and battery compartment give long running time without refilling and charging.
- Excellent line of sight.
- Powerful transaxle drive system.
- Low battery shut down.
- Brush and solution off in neutral.
- High recovery and low solution indicator.
- Speed controller with dynamic breaking.
- Electrically actuated scrub deck.



TECHNICAL DATA	ENCORE R 34	ENCORE R 38
Cleaning width (mm)	860	960
Squeegee width (mm)	1070	1070
Theoretical surface performance (m <sup>2</sup> /h)	3440	3840
Tank capacity solution / recovery (l)	170/170	170/170
Working speed (km/h)	4	4
Brush motor (kW)	2x1.3	2x1.36
Brush pressure (kg)	88	88
Brush speed (RPM)	300	300
Brush size (mm)	2x430	2x480
Vacuum motor power (W)	740	740
Power source, battery (V)	36	36
Traction motor power (W)	1100	1100
Dimensions L x W x H (mm)	1816x1040x1295	1816x1040x1295
Weight with batteries (kg)	742	751
<b>STANDARD EQUIPMENT</b>		
Squeegee	18816K	18817K
<b>ITEM NO.</b>	<b>505-945CE</b>	<b>505-946CE</b>

# Manual sweepers

## BK 800 / BK 900 FLOORTEC 380 M

### MANUALLY OPERATED ROBUST SWEEPER

Manually operated robust sweeper for small areas. Large, robust hopper with carrying handle. Perfect for sweeping leaves, pebbles, crown corks, cigarettes, etc.



#### BK 800

- Adjustable side broom to compensate for wear.
- Larger hopper.
- Sturdy construction ensures long life.
- Direct throw sweeping system.
- Light and strong hopper with carrying handle for easy emptying.



#### FLOORTEC 380 M

- Two side and main brooms.
- Overthrow sweeping system.
- Manually driven.
- Foldable handle for easy storage, saves space.
- Light and strong hopper with carrying handle makes it easy to empty.
- Large hopper minimises the time spent on emptying the hopper.
- Adjustable main broom and side brooms compensates for wear, giving longer broom lifetime.



#### 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	BK 800	BK 900	FLOORTEC 380 M
Working width, with/without side brooms (mm)	690/490	690/490	800/470
Theoretical surface performance (m <sup>2</sup> /h)	2760	2760	3200
Hopper volume (l)	34	40	40
Power source	Manual	Manual	Manual
Dimensions L x W x H (mm)	790x690x875	1060x790x900	800x600x330
Weight (kg)	17	25	14
STANDARD EQUIPMENT			
Main broom	42320	60642	54772
Side broom	42321	60641	303000296
<b>ITEM NO.</b>	<b>67015</b>	<b>60441</b>	<b>303000280</b>

# Walk-behind sweepers

# Nilfisk ALTO

Why Compromise

## FLOORTEC 350 B



### COMPACT SWEEPERS FOR FLOORS OR CARPETS

Compact, ergonomic design and easy manoeuvrability – these handy machines allow you to clean from small to large areas, and at the same time get into corners and narrow spaces. Adjustable main and side broom and foldable handle. Robust large hopper with carrying handle. Can also be used for sweeping large carpet areas.

#### FLOORTEC 350 B

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



TECHNICAL DATA	FLOORTEC 350 B
Working width, with/without side brooms (mm)	720/500
Side broom, diameter (mm)	315
Theoretical surface performance (m <sup>2</sup> /h)	2880
Hopper volume (l)	60
Power source	Battery, 12 V
Filter area (m <sup>2</sup> )	2
Main filter, polyester	●
Dust control	●
Dimensions L x W x H (mm)	998x797x500
Weight (kg)	68
<b>STANDARD EQUIPMENT</b>	
Main broom	1463174000
Side broom	146 3035 000
On-board charger	●
Battery 12 V 46 Ah Maintenance free	146 3049 000
<b>ITEM NO.</b>	<b>908 4704 010</b>

# Walk-behind sweepers

## FLOORTEC 560 B / P

### DUST FREE SWEEPING OF FLOORS OR CARPETS

The FLOORTEC 560 walk behind sweepers are ideal solutions for effective dust free cleaning of outdoor spaces as well as indoor floors and carpets. Compact, ergonomic design and easy manoeuvrability, the machine is very handy. You can clean large areas and at the same time get into corners and narrow spaces. At last, a low noise level provides operators with a pleasant work environment.



#### FLOORTEC 560 B / P

- 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 <sup>2</sup> /h)	3280	3280	3280
Hopper volume (l)	50	50	50
Power source, Battery	12 V	12 V	
Power source, Petrol			2.2 kW
Fuel tank (l)			2.2
Filter area (m <sup>2</sup> )	2	2	2
Main filter, paper	●	●	●
Dust control	●	●	●
Dimensions L x W x H (mm)	1070x780x840	1070x780x840	1070x780x840
Weight (kg)	90	90	105
<b>STANDARD EQUIPMENT</b>			
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
<b>ITEM NO.</b>	<b>908 4107 010</b>	<b>908 4108 010</b>	<b>908 4109 010</b>

## Ride-on sweepers w/manual dump

FLOORTEC R 360  
FLOORTEC R 570



### COMFORTABLE SWEEPING OF LARGE AREAS OR NARROW SPACES

A compact design combining a wide sweeping path, excellent manoeuvrability and enough power for a ramp climbing capacity of up to 16-20%. Riding the FLOORTEC R 360 or FLOORTEC R 570, you can cover large areas of floors and get the job done quickly, effectively and with maximum driver comfort. Also suitable for indoor carpet sweeping.



#### FLOORTEC R 360 B / P

- Easy and ergonomic operation.
- Electrical filter shaker.
- 16% ramp climbing capacity.
- 360° manoeuvrability.
- Available as battery or petrol driven.
- Available as battery or petrol driven.
- Electrical filter shaker
- Two side brooms for wide sweeping path.
- Foot pedal for speed and forward/reverse button 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.

#### FLOORTEC R 570 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 button 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 360 B	FLOORTEC R 360 B OBC	FLOORTEC R 360 P	FLOORTEC R 570 B	FLOORTEC R 570 B OBC	FLOORTEC R 570 P
Working width, with/without side brooms (mm)	1000/600	1000/600	1000/600	1100/700	1100/700	1100/700
Side broom, diameter (mm)	420	420	420	430	430	430
Theoretical surface performance (m <sup>2</sup> /h)	4000	4000	4000	4400	4400	4400
Min. turn-around aisle width (mm)	983	983	983	1310	1310	1310
Hopper volume (l)	50	50	50	70	70	70
Power source, Battery	24 V	24 V		24 V	24 V	
Power source, Petrol			2.2 kW			2.9 kW
Fuel tank (l)			2.2			2.5
Filter area (m <sup>2</sup> )	3	3	3	5	5	5
Main filter, paper	●	●	●	●	●	●
Dust control	●	●	●	●	●	●
Dimensions L x W x H (mm)	1255x795x1155	1255x795x1155	1255x795x1155	1480x930x1220	1480x930x1220	1480x930x1220
Weight (kg)	144	144	284	255	255	315
<b>STANDARD EQUIPMENT</b>						
Main broom	145 0748 000	145 0748 000	145 0748 000	145 4879 000	145 4879 000	145 4879 000
Side broom	145 1899 000	145 1899 000	145 1899 000	145 4959 000	145 4959 000	145 4959 000
Battery charger		146 2668 000			146 2668 000	
Main filter, paper	146 1888 000	146 1888 000	146 1888 000	145 5665 000	145 5665 000	145 5665 000
<b>ITEM NO.</b>	<b>908 4206 010</b>	<b>908 4207 010</b>	<b>908 4208 010</b>	<b>908 4306 010</b>	<b>908 4307 010</b>	<b>908 4308 010</b>

# Ride-on sweepers w/hydraulic dump

## FLOORTEC R 680

### HIGH-CAPACITY SWEEPING WITH HYDRAULIC HIGH-DUMP

The FLOORTEC R 680 is indeed a high-capacity dust-free sweeper. With a large, powerful vacuum system and a hopper size of 130 L you can sweep large areas of floors before emptying is required. And emptying is easier than ever with the hydraulic high lift system.



#### 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 hydraulic 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 <sup>2</sup> /h)	4200	4200
Hopper volume (l)	130	130
Power source, Battery	24 V	
Power source, Petrol		6.6 kW
Fuel tank (l)		7.9
Filter area (m <sup>2</sup> )	7	7
Main filter, paper	●	●
Dust control	●	●
Dimensions L x W x H (mm)	1750x1200x1370	1750x1200x1370
Weight (kg)	440	554
<b>STANDARD EQUIPMENT</b>		
Main broom	146 1018 000	145 4792 000
Side broom	146 1025 000	146 1025 000
Main filter, paper	145 5665 000	145 5665 000
<b>ITEM NO.</b>	<b>9084509010</b>	<b>9084510010</b>

## 6150



### WITH DUST CONTROL AND VARIABLE HIGH-DUMP

The extremely rugged 6150 ride-on sweeper with dust control and variable high-dump, uses the direct throw system for dust free sweeping. The large hopper can easily be emptied thanks to the hydraulic variable high dump system. Used for even the toughest industrial applications indoor or outdoor, warehouses, parking areas, multi-storey car parks, etc. Available in Battery, LP gas, Petrol and Diesel versions.

#### 6150

- Variable high dump system.
- Easy operation with power steering.
- Rear wheel steering.
- Direct throw sweeping system.
- Heavy steel construction.
- Energy absorbing bumper.
- Three-stage filter system.
- Head, tail and instrument lights.
- Clear control panel for easy operation.
- Electrical filter shaker.
- 283 L hopper.
- Large filter.
- Adjustable seat for ergonomic operation.



TECHNICAL DATA	6150 PETROL	6150 PETROL	6150 DIESEL	6150 BATTERY	6150 LP GAS	6150 LP GAS
Working width, with/without side brooms (mm)	1270/915	1270/915	1270/915	1270/915	1270/915	1270/915
Side broom, diameter (mm)	534	534	534	534	534	534
Theoretical surface performance (m <sup>2</sup> /h)	5080	5080	5080	5080	5080	5080
Capacity (m <sup>2</sup> /h)	7620	7620	7620	7620	7620	7620
Hopper volume (l)	238	238	238	238	238	238
Power source, Diesel			10.5 kW			
Power source, Battery				36 V		
Power source, Petrol	15 kW	18 kW				
Power source, LP Gas					15 kW	18 kW
Max. dumping height (cm)	147	147	147	147	147	147
Min. turn around aisle width (cm)	2290	2290	2290	2290	2290	2290
Filter area (m <sup>2</sup> )	7.2	7.2	7.2	7.2	7.2	7.2
Main filter, paper	●	●	●	●	●	●
Dust control	●	●	●	●	●	●
Dimensions L x W x H (mm)	1255x795x1155	1255x795x1155	1255x795x1155	1255x795x1155	1255x795x1155	
Weight (kg)	144	144	284	284	284	
<b>STANDARD EQUIPMENT</b>						
Filter panel	8-24-04148	8-24-04148	8-24-04148	8-24-04148	8-24-04148	8-24-04148
Nylon side broom	8-08-03211	8-08-03211	8-08-03211	8-08-03211	8-08-03211	8-08-03211
<b>ITEM NO.</b>	<b>576-500CE</b>	<b>576-504CE</b>	<b>576-505CE</b>	<b>576-502CE</b>	<b>576-503CE</b>	<b>576-506CE</b>

# Single discs – low, high and dual speed

## SPIN 43 SPINTEC 343

### POLISHERS FOR ALL-ROUND TASKS

The SPINTEC 343 polishers are available in two different versions, designed for light to medium usage suitable for high speed scrubbing and/or polishing applications. The SPIN 43 range is designed for medium-duty usage suitable for scrubbing, wet/dry polishing, shampooing and floor polishing. Leaves a clean floor with high gloss.



#### SPIN 43 / SPINTEC 343

- Belt driven with offset motor.
- Rugged steel tube and frame resist knocks and bumps without breaking.
- Long life with a minimum of service costs.
- Cable hook, where the cable can be easily wound up on the machine.
- Extruded vinyl bumper protects the inventory and machine from damages.
- Adjustable handle.
- Quiet operation and long life.
- Easy to operate.
- Mains-powered.

#### SPIN 43 HS / SPINTEC 343 H

- High speed polisher.
- Belt driven with offset motor.
- Rugged steel tube and frame resist knocks and bumps without breaking.
- Long life with a minimum of service costs.
- Cable hook, where the cable can be easily wound up on the machine.
- Extruded vinyl bumper protects the inventory and machine from damages.
- Adjustable handle.
- Quiet operation and long life.
- Easy to operate.
- Mains-powered.

#### SPIN 43 DS

- Dual speed polisher.
- Belt driven with offset motor.
- Rugged steel tube and frame resist knocks and bumps without breaking.
- Long life with a minimum of service costs.
- Cable hook, where the cable can be easily wound up on the machine.
- Extruded vinyl bumper protects the inventory and machine from damage.
- Adjustable handle.
- Quiet operation and long life.
- Easy to operate.
- Mains-powered.



TECHNICAL DATA	SPINTEC 343	SPINTEC 343 H	SPIN 43	SPIN 43 HS	SPIN 43 DS
Pad size (mm/")	430/17	430/17	430/17	430/17	430/17
Pad driver size (mm/")	410/16	410/16	410/16	410/16	410/16
Speed (RPM)	160	400	180	450	190/380
Power source (V-Hz)	220/240-50	220/240-50	220/240-50	220/240-50	220/240-50
Power consumption (W)	1000	1200	1200	1500	1500
Main cable length (m)	12.5	12.5	12.5	12.5	12.5
Dimensions L x W x H (mm)	575x440x1105	575x440x1105	575x440x1105	575x440x1105	575x440x1105
Weight (kg)	30	30	39	39	35.5
ITEM NO.	303001009	303001010	303000126	303000128	303000127

## Box carpet extractors

TW



### PROFESSIONAL SPRAY EXTRACTOR

A professional spray extractor for cleaning of all kind of areas. For example buses and aeroplanes. 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. High spraying capacity with carrying handles for convenient transportation.



#### TW 300 CAR

- Low centre of gravity.
- Clear lid on recovery tank.
- Compact spray extraction unit with extensive accessory package.
- Rugged tanks.
- Super suction power.
- Taylor made for upholstery cleaning.
- Mains-powered.



#### TW 400

- Low centre of gravity.
- Clear lid on recovery tank.
- Compact spray extraction unit with extensive accessory package.
- Rugged tanks.
- Super suction power.
- Constant pressure.
- Low weight – easy to transport.
- Mains-powered.



#### TW 1400 HD

- Low centre of gravity.
- Clear lid on recovery tank.
- Compact spray extraction unit with extensive accessory package.
- Rugged tanks.
- Super suction power.
- Variable pressure.
- Large container volume.
- Mains-powered.

#### TW 300 S

- 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	TW 300 S	TW 300 CAR	TW 400	TW 1400 HD
Cleaning width (mm)	260	260	260	300
Solution/Recovery tank (l)	8/8	8/8	15/15	35/40
Air flow rate (l/m)	2400	2400	2400	3200
Vacuum (mbar/kPa)	190	190		
Power consumption (W)	1000	1000	1100	1600
Power source (V/~/Hz)	230/1/50	230/1/50	230/1/50	230/1/50
Pump pressure (bar/MPa)	2/0.2	2/0.2	2.3/0.23	2-11/0.2-1.1
Water flow (l/m)	2	2	3	9
Main cable length (m)	7.5	7.5	7.5	15
Dimensions L x W x H (mm)	390x390x520	390x390x520	680x360x420	820x410x840
Weight (kg)	9.5	9.5	20	39
<b>STANDARD EQUIPMENT</b>				
Carpet adapter	7330		7310	7310
Hand adapter 80 mm		6696		
Suction hose	34484	34484	7311	7338
<b>ITEM NO.</b>	<b>67009</b>	<b>303000006</b>	<b>303000011</b>	<b>303000012</b>

# The accessories – increase your efficiency



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



#### Selection of different types of batteries

Wet/acid flat plate or tubular types with a life time of 800-1500 cycles.

One cycle is equal to one full discharge and one full charge. In our program there are also Wet Semi-traction batteries which have a life time around 300-500 cycles.

- 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.

Most of our external chargers are of the “High Frequency” type, they will charge both Wet or Gel batteries, the charger can easily be adjusted to fit your battery pack (Adjustment shown on the battery and charger pages).



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

#### Brushes/Pads

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



#### Squeegee blades

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

We also supply a range of different side and main brooms for our sweepers, just as well as different filters, all can naturally be inspected and changed without the use of any tools.



# Batteries and chargers sweepers



FLOORTEC 350  
FLOORTEC 550 B/560 B  
FLOORTEC R 360 B  
FLOORTEC R 570 B  
FLOORTEC R 580/680 B

Batteries and chargers	Pieces needed		Item No.
Battery 12V-80Ah GEL Monoblock	1	○	1463254000
Battery 12V-46Ah GEL Monoblock	1	●	146 3049 000
Battery 6V-180Ah WET Tubular Monoblock	2	○	80564500
Charger 12V-20A SMC_CPL-EU-SB50G	1	○	80568000
Battery filling system	1	○	7116074
Battery 12V-110Ah WET Tubular Monoblock	1	○	80564600
Charger 12V-20A SMC_CPL-EU-SB50G	1	○	80568000
Battery filling system	1	○	7116075
Battery 12V-85Ah WET Semi T Monoblock	1	○	80564800
Charger 12V-20A SMC_CPL-EU-SB50G	1	○	80568000
Battery filling system	1	○	7116075
Battery 6V-180Ah GEL Monoblock	2	○	80564000
Charger 12V-20A SMC_CPL-EU-SB50G	1	○	80568000
Battery 12V-105Ah GEL Monoblock	1	○	80564400
Charger 12V-20A SMC_CPL-EU-SB50G	1	○	80568000
Battery 12V-144Ah WET Semi T Monoblock	2	○	80565100
Charger 24V-20A SMC_CPL-EU-SB120R	1	○	80568200
Battery filling system	1	○	7116056
Battery 12V-110Ah WET Tubular Monoblock	2	○	80564600
Charger 24V-20A SMC_CPL-EU-SB120R	1	○	80568200
Battery filling system	1	○	7116077
Battery 12V-85Ah WET Semi T Monoblock	2	○	80564800
Charger 24V-20A SMC_CPL-EU-SB120R	1	○	80568200
Battery filling system	1	○	7116062
Battery 12V-105Ah GEL Monoblock	2	○	80564400
Charger 24V-20A SMC_CPL-EU-SB120R	1	○	80568200
Battery 24V-300Ah WET in tray with BFS	1	○	80563300
Charger 24V-30A SMC_CPL-EU-SB120R	1	○	80562401
Battery 6V-200Ah WET Tubular Monoblock	4	○	80563200
Charger 24V-20A SMC_CPL-EU-SB120R	1	○	80568200
Battery filling system	1	○	7116054
Battery 6V-200Ah WET Semi T Monoblock	4	○	80564900
Charger 24V-20A SMC_CPL-EU-SB120R	1	○	80568200
Battery filling system	1	○	7116055
Battery 24V-275Ah GEL Single Cells in tray	1	○	L00210022
Charger 24V-30A SMC_CPL-EU-SB120R	1	○	80562401
Battery 6V-180Ah GEL Monoblock	4	○	80564000
Charger 24V-20A SMC_CPL-EU-SB120R	1	○	80568200
Battery 24V-300Ah WET Welded tubular W/O tray	1	○	L00270416
Charger 24V-30A SMC_CPL-EU-SB175R	1	○	80568800
Battery 6V-255Ah WET Semi T Monoblock	4	○	80565000
Charger 24V-30A SMC_CPL-EU-SB175R	1	○	80568800
Battery filling system	1	○	7116054
Battery 6V-200Ah WET Semi T Monoblock	4	○	80564900
Charger 24V-30A SMC_CPL-EU-SB175R	1	○	80568800
Battery 24V-330Ah GEL Welded cells W/O tray	1	○	L00210413
Charger 24V-30A SMC_CPL-EU-SB175R	1	○	80568800
Battery 6V-180Ah GEL Monoblock	4	○	80564000
Charger 24V-20A SMC_CPL-EU-SB175R	1	○	80568400

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

↑ Item No. always consists of one piece.

● Standard equipment

# Batteries and chargers walk-behind scrubber dryers



SCRUBTEC 343 B  
SCRUBTEC 5 & 6  
SCRUBTEC 8  
SCRUBTEC 7



Batteries and chargers	Pieces needed	SCRUBTEC 343 B	SCRUBTEC 5 & 6	SCRUBTEC 8	SCRUBTEC 7	Item No.
Battery 12V-70Ah GEL Monoblock	2	○				80564300
Charger 24V-20A SMC_CPL-EU-SB50R	1	○				80568300
Battery 12V-50Ah GEL Monoblock	2	○				80564200
Charger 24V-20A SMC_CPL-EU-SB50R	1	○				80568300
Battery 12V-110Ah WET Tubular Monobloc	2	○				80564600
Charger 24V-20A SMC_CPL-EU-SB120R	1	○				80568200
Battery filling system	1	○				7116077
Battery 12V-110Ah WET Semi T Monobloc	2	○				L00200049
Charger 24V-20A SMC_CPL-EU-SB120R	1	○				80568200
Battery 12V-85Ah WET Semi T Monobloc	2	○				80564800
Charger 24V-20A SMC_CPL-EU-SB120R	1	○				80568200
Battery filling system	1	○				7116062
Battery 12V-72Ah WET Tubular Monobloc	2	○				80564700
Charger 24V-20A SMC_CPL-EU-SB120R	1	○				80568200
Battery 12V-105Ah GEL Monoblock	2	○				80564400
Charger 24V-20A SMC_CPL-EU-SB120R	1	○				80568200
Battery 12V-70Ah GEL Monoblock	2	○				80564300
Charger 24V-20A SMC_CPL-EU-SB120R	1	○				80568200
Battery 6V-255Ah WET Semi T Monobloc	4		○			80565000
Battery filling system	1		○			7116054
Battery 24V-240Ah WET in tray with BFS	1		○			L00290018
Battery 6V-180Ah WET Tubular Monobloc	4		○			80564500
Battery filling system	1		○			7116054
Battery 6V-240Ah GEL Monoblock	4		○			80564100
Battery 24V-220Ah GEL Single Cells in tray	1		○			L00210012
Battery 6V-180Ah GEL Monoblock	4		○			80564000
Battery 6V-255Ah WET Semi T Monobloc	6		○			80565000
Charger 36V-20A SMC_CPL-EU-SB50G	1		○			80569600
Battery filling system	1		○			7116076
Battery 36V-240Ah WET in tray with BFS	1		○			80563210
Charger 36V-20A SMC_CPL-EU-SB50G	1		○			80569600
Battery 6V-200Ah WET Tubular Monobloc	6		○			80563200
Charger 36V-20A SMC_CPL-EU-SB50G	1		○			80569600
Battery filling system	1		○			7116060
Battery 6V-240Ah GEL Monoblock	6		○			80564100
Charger 36V-20A SMC_CPL-EU-SB50G	1		○			80569600
Battery 36V-220Ah GEL Single Cells in tray	1		○			80563220
Charger 36V-20A SMC_CPL-EU-SB50G	1		○			80569600
Battery 6V-180Ah GEL Monoblock	6		○			80564000
Charger 36V-20A SMC_CPL-EU-SB50G	1		○			80569600

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

↑ Item No.  
always consists of one piece.

● Standard equipment

# Batteries and chargers ride-on scrubber dryers



SCRUBTEC R 5  
ENCORE  
SCRUBTEC R 3

Batteries and chargers	Pieces needed	SCRUBTEC R 5	ENCORE	SCRUBTEC R 3	Item No.
Battery 6V-285Ah WET Semi T Monobloc	6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	7116015
Battery filling system	1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	7116061
Battery 36V-240Ah WET in tray with BFS	1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	80563230
Battery 6V-180Ah WET Tubular Monobloc	6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	80564500
Battery filling system	1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	7116058
Battery 36V-220Ah GEL Single Cells in tray	1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	80563240
Battery 6V-180Ah GEL Monoblock	6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	80564000
Battery 36V-330Ah WET in tray with BFS	1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	7116052
Charger 36V-40A SMC_CPL-EU-SB175G	1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	80569200
Battery filling system	1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	7116063
Battery 6V-255Ah WET Semi T Monobloc	6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	80565000
Charger 36V-20A SMC_CPL-EU-SB175G	1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	80569000
Battery filling system	1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	7116076
Battery 6V-180Ah WET Tubular Monobloc	6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	80564500
Charger 36V-20A SMC_CPL-EU-SB175G	1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	80569000
Battery filling system	1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	7116058
Battery 36V-280Ah GEL Single Cells in tray	1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	7116176
Charger 36V-40A SMC_CPL-EU-SB175G	1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	80569200
Battery 6V-240Ah GEL Monoblock	6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	80564100
Charger 36V-20A SMC_CPL-EU-SB175G	1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	80569000
Battery 6V-180Ah GEL Monoblock	6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	80564000
Charger 36V-20A SMC_CPL-EU-SB175G	1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	80569000
Battery 24V-240Ah WET in tray with BFS	1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	L00290018
Battery 6V-200Ah WET Semi T Monobloc	4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	80564900
Battery 6V-180Ah WET Tubular Monobloc	4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	80564500
Battery 24V-220Ah GEL Single Cells in tray	1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	L00210012
Battery 6V-180Ah GEL Monoblock	4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	80564000

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

Item No. always consists of one piece.

Standard equipment

# Brushes for scrubber dryers



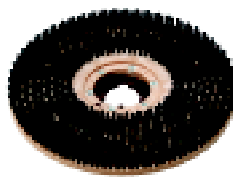
SCRUBTEC 233  
 SCRUBTEC 343  
 SCRUBTEC 945  
 SCRUBTEC 953/653  
 SCRUBTEC 81  
 SCRUBTEC 661  
 SCRUBTEC 866  
 SCRUBTEC 871  
 SCRUBTEC 871 C  
 SCRUBTEC BOOST B  
 SCRUBTEC 886  
 SCRUBTEC 770 S/L  
 SCRUBTEC 784 S/L  
 SCRUBTEC 795 S/L  
 SCRUBTEC R 361  
 SCRUBTEC R 366  
 SCRUBTEC R 371  
 SCRUBTEC R 371 C  
 SCRUBTEC R 571  
 SCRUBTEC R 596  
 SCRUBTEC BOOST R 81  
 ENCORE R 34  
 ENCORE R 38



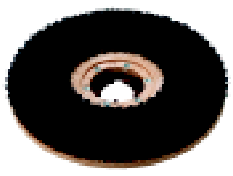
Brushes	Pieces needed	Item No.
<b>Universal/Union Mix</b>		
12" (305 mm)	2	L08603875
13" (330 mm)	2	303000381
13" (330 mm)	2	909 5340 000
14" (355 mm)	2	909 5341 000
14" (355 mm)	2	303000382
17" (430 mm)	1	909 5694 000
17" (430 mm)	2	303000384
18" (450 mm)	1	L08837022
19" (480 mm)	2	303000386
21" (530 mm)	1	L08837027



<b>Polypropylene</b>		
6.5" (165 mm) 0.4	2	9097242000
6.5" (165 mm) 0.5	2	9097543000
12" (305 mm)	2	L08603842
13" (330 mm)	2	11438A
13" (330 mm)	2	909 5332 000
14" (355 mm)	2	909 5333 000
14" (355 mm)	2	11427B
17" (430 mm)	1	8812891
17" (430 mm)	2	11424B
18" (450 mm)	1	L08837020
19" (480 mm)	2	11434B
21" (530 mm)	1	L08837025



<b>Nylon</b>		
13" (330 mm)	2	11437A
14" (355 mm)	2	10874A
17" (430 mm)	2	10875A
19" (480 mm)	2	11435B



<b>Light grit</b>		
13" (330 mm)	2	10382A
14" (355 mm)	2	10383A
17" (430 mm)	1	909 5691 000
17" (430 mm)	2	10384A
18" (450 mm)	1	L08837023
19" (480 mm)	2	10385A
21" (530 mm)	1	L08837028

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

↑ Item No. always consists of one piece.

● Standard equipment



# Pads and pad drivers for scrubber dryers



SCRUBTEC 233  
 SCRUBTEC 343  
 SCRUBTEC 545  
 SCRUBTEC 553/653  
 SCRUBTEC 661  
 SCRUBTEC 866  
 SCRUBTEC 871  
 SCRUBTEC 886  
 SCRUBTEC 890  
 SCRUBTEC 891  
 SCRUBTEC 892  
 SCRUBTEC 893  
 SCRUBTEC 894  
 SCRUBTEC 895  
 SCRUBTEC 896  
 SCRUBTEC 897  
 SCRUBTEC 898  
 SCRUBTEC 899  
 SCRUBTEC 900  
 SCRUBTEC 901  
 SCRUBTEC 902  
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 SCRUBTEC 995  
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 SCRUBTEC 997  
 SCRUBTEC 998  
 SCRUBTEC 999  
 SCRUBTEC 1000



Pads	Pieces needed	Packed	Item No.
<b>Pad, white (175-600 RPM)</b>			
6.5" (165 mm)	2	5	72500221
12" (305 mm)	2	5	82256800
13" (330 mm)	2	5	976031
14" (355 mm)	2	5	976037
17" (430 mm)	2/1*	5	976052
18" (450 mm)	1	5	L00205500
19" (480 mm)	2	5	976062
21" (530 mm)	1	5	82322200



<b>Pad, red (175-600 RPM)</b>			
6.5" (165 mm)	2	5	72500222
12" (305 mm)	2	5	L00190792
13" (330 mm)	2	5	976032
14" (355 mm)	2	5	976038
17" (430 mm)	2/1*	5	976053
18" (450 mm)	1	5	L08531800
19" (480 mm)	2	5	976063
21" (530 mm)	1	5	L08837043



<b>Pad, blue (175-600 RPM)</b>			
12" (305 mm)	2	5	L00190790
13" (330 mm)	2	5	976034
14" (355 mm)	2	5	976039
17" (430 mm)	2/1*	5	976054
18" (450 mm)	1	5	L08531900
19" (480 mm)	2	5	976064
21" (530 mm)	1	5	L08837044



<b>Pad, brown (175-600 RPM)</b>			
6.5" (165 mm)	2	5	72500223
12" (305 mm)	2	5	L00190791
13" (330 mm)	2	5	976035
14" (355 mm)	2	5	976040
17" (430 mm)	2/1*	5	976055
18" (450 mm)	1	5	L08531700
19" (480 mm)	2	5	976065
21" (530 mm)	1	5	L08837045

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

\* SCRUBTEC 343 only needs one ● Standard equipment

# Pads and pad drivers for scrubber dryers

# Nilfisk ALTO

Why Compromise



SCRUBTEC 233  
SCRUBTEC 343  
SCRUBTEC 345  
SCRUBTEC 553/653  
SCRUBTEC 661  
SCRUBTEC 886  
SCRUBTEC 871  
SCRUBTEC 886  
SCRUBTEC BOOST 8  
SCRUBTEC 770 S/L  
SCRUBTEC 794 S/L  
SCRUBTEC 795 S/L  
SCRUBTEC R 365  
SCRUBTEC R 371  
SCRUBTEC R 571  
SCRUBTEC R 586  
SCRUBTEC BOOST R 81  
ENCORE R 34  
ENCORE R 38



Pads	Pieces needed	Packed	Item No.
<b>Pad, black (175-600 RPM)</b>			
12" (305 mm)	2	5	L00276004
13" (330 mm)	2	5	976142
14" (355 mm)	2	5	976146
17" (430 mm)	2/1*	5	976158
18" (450 mm)	1	5	82256600
19" (480 mm)	2	5	976166
21" (530 mm)	1	5	82322300



<b>Pad, white BOOST</b>			
356x710 mm	1	5	997002
356x813 mm	1	5	997005
<b>Pad, red BOOST</b>			
356x710 mm	1	5	997001
356x813 mm	1	5	997004
<b>Pad, blue BOOST</b>			
356x710 mm	1	5	997006
356x813 mm	1	5	997007
<b>Pad, black BOOST</b>			
356x710 mm	1	5	997000
356x813 mm	1	5	997003
<b>Pad, 3M Hi Pro. BOOST</b>			
356x710 mm	1	5	997016
356x813 mm	1	5	997017



<b>Pad driver assembly</b>			
6.5" (165 mm)	2	1	9097243000
12" (305 mm)	2	1	L08603939
13" (330 mm) (S models)	2	1	38035A
13" (330 mm) (L models)	2	1	909 5330 000
14" (355 mm)	2	1	38036A
14" (355 mm)	2	1	909 5331 000
17" (430 mm)	1	1	909 5695 000
17" (430 mm)	2	1	38034A
18" (450 mm)	1	1	L08837017
19" (480 mm)	2	1	17524B
21" (530 mm)	1	1	L08837018

<b>Marble polishing driver</b>			
14" (355 mm)	2	1	53141A
17" (430 mm)	2	1	53142A

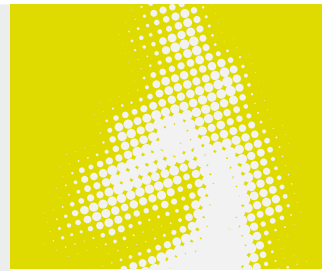
○ Can be used. (Items included as standard can be seen on the machine pages)









\* SCRUBTEC 343 only needs one ● Standard equipment

# Accessories for scrubber dryers



SCRUBTEC 233  
SCRUBTEC 243  
SCRUBTEC 545/553  
SCRUBTEC 651 C  
SCRUBTEC 653  
SCRUBTEC 661  
SCRUBTEC 866  
SCRUBTEC 871  
SCRUBTEC 871 C  
SCRUBTEC 886  
SCRUBTEC BOOST 8  
SCRUBTEC 770 S/L  
SCRUBTEC 784 S/L  
SCRUBTEC 795 S/L  
SCRUBTEC R 361  
SCRUBTEC R 366  
SCRUBTEC R 371  
SCRUBTEC R 371 C  
SCRUBTEC R 571  
SCRUBTEC R 571 C  
SCRUBTEC 586  
SCRUBTEC BOOST R 81  
ENCORE R 84  
ENCORE R 38



	Squeegee and squeegee blades	Pieces needed		Item No.
	<b>Squeegee blade kit (front and rear)</b>			
	Squeegee blade Poly Urethane, 385 mm, kit includes two	1	●	9097542000
	Squeegee blade Poly Urethane, 826 mm, front and rear	1	●	11333A
	Squeegee blade Linatex, 826 mm, front and rear	1	○	11339A
	Squeegee blade Gum rubber, 826 mm, front and rear	1	○	11336A
	Squeegee blade Poly Urethane, 890 mm, front and rear	1	● ● ● ●	11332A
	Squeegee blade Linatex, 890 mm, front and rear	1	○ ○ ○	11338A
	Squeegee blade Gum rubber, 890 mm, front and rear	1	○ ○ ○	11335A
	Squeegee blade Poly Urethane, 1040 mm, front and rear	1	●	11331A
	Squeegee blade Linatex, 1040 mm, front and rear	1	○	11337A
	Squeegee blade Gum rubber, 1040 mm, front and rear	1	○	11334A
	<b>Squeegee blades</b>			
	Squeegee blade outer (rear) (700 mm)	1	●	9095568000
	Squeegee blade inner (front) (700 mm)	1	●	9095569000
	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 kit Gum rubber (730 mm)	1	○ ○ ○	909 6860 000
	Squeegee blade kit Polyurethane (730 mm)	1	○ ○ ○	909 6858 000
	Squeegee blade outer (rear) Gum rubber (810 mm)	1	●	L08603832
	Squeegee blade inner (front) Gum rubber (810 mm)	1	●	L08603830
	Squeegee blade kit Gum rubber (810 mm)	1	○	909 5006 000
	Squeegee blade kit Polyurethane (810 mm)	1	○	909 6859 000
	Squeegee blade outer (rear) Gum rubber (997 mm)	1	●	30912A
	Squeegee blade inner (front) Gum rubber (997 mm)	1	●	30914A
	Squeegee blade outer (rear) Linatex (997 mm)	1	○	30912L
	Squeegee blade inner (front) Urethane Ribbed (997 mm)	1	○	30952A
	Squeegee blade inner (front) Urethane Notch (997 mm)	1	○	30957A
	Squeegee blade outer (rear) Gum rubber (1118 mm)	1	●	30913A
	Squeegee blade inner (front) Gum rubber (1118 mm)	1	●	30915A
	Squeegee blade outer (rear) Linatex (1118 mm)	1	○	30913L
	Squeegee blade inner (front) Urethane Ribbed (1118 mm)	1	○	30953A
	Squeegee blade inner (front) Urethane Notch (1118 mm)	1	○	30958A
	Squeegee blade outer (rear) Gum rubber (1245 mm)	1	●	30935A
	Squeegee blade inner (front) Gum rubber (1245 mm)	1	●	30934A
	Squeegee blade outer (rear) Linatex (1245 mm)	1	○	30935L
	Squeegee blade inner (front) Urethane Ribbed (1245 mm)	1	○	30954A
	Squeegee blade inner (front) Urethane Notch (1245 mm)	1	○	30959A
	Squeegee blade front neoprene	1	● ●	L08603830
	Squeegee blade rear gum	1	● ●	L08603832
	Squeegee blade kit PU Oil resistant 33"	1	○ ○	909 6859 000
	Squeegee blade front neoprene	1	● ●	909 5348 000
	Squeegee blade rear gum	1	● ●	909 5350 000
	Squeegee blade kit PU Oil resistant 35"	1	○ ○	9096991000
	Skirt side	1	● ● ● ●	9097428000
	Skirt side	1	●	909 6194 000

○ 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 scrubber dryers



SCRUBTEC 233  
SCRUBTEC 243  
SCRUBTEC 545/553  
SCRUBTEC 651 C  
SCRUBTEC 653  
SCRUBTEC 661  
SCRUBTEC 866  
SCRUBTEC 871  
SCRUBTEC 871 C  
SCRUBTEC 886  
SCRUBTEC BOOST 8  
SCRUBTEC 770 S/L  
SCRUBTEC 784 S/L  
SCRUBTEC 795 S/L  
SCRUBTEC R 361  
SCRUBTEC R 366  
SCRUBTEC R 371  
SCRUBTEC R 371 C  
SCRUBTEC R 571  
SCRUBTEC R 571 C  
SCRUBTEC R 586  
SCRUBTEC BOOST R 81  
ENCORE R 84  
ENCORE R 38



Squeegee and squeegee blades	Pieces needed		Item No.
<b>Squeegee blades</b>			
Squeegee blade rear, outer (rear) Linatex blade standard	1	●	30556L
Squeegee blade rear, inner (front) Ribbed Urethane	1	●	30066A
Squeegee blade side, back Linatex	1	●	30540L
Squeegee blade side, front Ribbed Urethane	1	●	30541A
Squeegee blade rear, outer (rear) Linatex, standard	1	●●	30557L
Squeegee blade rear, inner (front) Ribbed Urethane	1	●●	30091A
Squeegee blade side, outer Linatex blade, standard	1	●●	30540L
Squeegee blade side, front Ribbed Urethane	1	●●	30541A
Squeegee blade rear, outer (rear) Linatex	1	●	30774L
Squeegee blade rear, inner (front) Ribbed Urethane	1	●	38727A
Squeegee blade rear inner (front) standard	1	●	7-77-00123
Squeegee blade rear outer (rear) Gum standard	1	●	7-77-00117
Squeegee blade side, left outer Gum standard	1	●●	7-77-00120
Squeegee blade side, right outer Gum standard	1	●●	7-77-00121
Squeegee blade side, left inner blade standard	1	●●	7-77-00119
Squeegee blade side, right inner blade standard	1	●●	7-77-00118
Squeegee blade rear inner (front) standard	1	●	7-77-00116
Squeegee blade rear outer (rear) Gum standard	1	●	7-77-00096
<b>Splash guard kit</b>			
Splash guard kit 545	1	○	909 6737 000
Splash guard kit 5 & 653	1	○ ○	909 6736 000
<b>Hour meter kits</b>			
Hour meter 24 V	1	○ ○ ○ ○	9096951000
Hour meter 24 V	1	○ ○ ○ ○ ○	11371A
Hour meter kit 230 V	1	○ ○	909 6735 000
<b>Extra pressure kits</b>			
Pressure extra brush kit 10 kg, 5 series	1	● ● ●	9097185000
Pressure extra brush kit 20 kg, 6 series	1	● ● ●	9097186000
<b>Chemical mixing kits</b>			
Chemical mixing system SCRUBTEC 5	1	○	9097163000
Chemical mixing system SCRUBTEC 6	1	○ ○ ○	9097160000
Chemical mixing system SCRUBTEC 8	1	○ ○ ○ ○ ○	11363A
Chemical mixing system SCRUBTEC 7	1	○ ○ ○	11081A
Chemical mixing system SCRUBTEC R5	1	○ ○ ○ ○	11079A



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

↑ Item No. always consists of one piece.

●\* Only standard on L versions

● Standard equipment



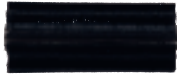
# Accessories for sweepers FLOORTEC & BK models

# Nilfisk ALTO

Why Compromise



6150  
FLOORTEC R 680 B/P  
FLOORTEC R 570 B/P  
FLOORTEC R 360 B/P  
FLOORTEC 560 B/P  
FLOORTEC 350  
BK 900  
BK 800  
FLOORTEC 380 M



## Standard equipment

	Pieces needed		Item No.
Broom main	1	●	146 1018 000
	1	●	145 4879 000
	1	●●	146 0748 000
	1	●	146 3015 000
	1	●	60642
	1	●	42320
	1	●	54772



## Side brooms

Side brooms	1	●	8-08-03211
	1	●	146 1025 000
	2	●	145 4959 000
	1/2	●●	145 1899 000
	1	●	146 3035 000
	1	●	60641
	1	●	42321
2	●	303000296	



## Filter

Filter	1	●	8-24-04148
	1	●●	145 5665 000
	1	●	146 1888 000
	1	●	145 4806 000
	1	●	1463161000

## Battery

Battery 12 Volt, 46 Ah, maintenance free	1	●	146 3049 000
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## Options

Charger on-board	1	○ ○	146 2668 000
	1	○	146 2359 000

## Filter Polyester

Filter Polyester	1	○	303000259
	1	○	145 6013 000
	1	○	146 2759 000
	1	○	146 1988 000
	1	○	145 4746 000

## Filter antistatic (carpet)

Filter antistatic (carpet)	1	○	145 6013 000
	1	○	146 1989 000
	1	○	146 0368 000

## Pre-filters (carpet)

Pre-filters (carpet)	1	○	146 2731 000
	1	○	146 0782 000

## Filter shaker kit (battery versions only)

Filter shaker kit (battery versions only)	1	○	146 2670 000
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○ Can be used. (Items included as standard can be seen on the machine pages)  
For additional accessories please contact your local dealer

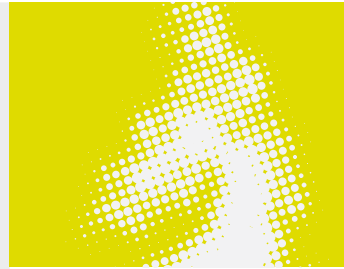
↑ Item No.  
always consists of one piece.

● Standard equipment

# Accessories for sweepers FLOORTEC & BK models



6150  
FLOORTEC R 690 B/P  
FLOORTEC R 570 B/P  
FLOORTEC R 360 B/P  
FLOORTEC 560 B/P  
FLOORTEC 550 B/P  
FLOORTEC 350  
BK 900  
BK 800  
FLOORTEC 380 M



Options	Pieces needed		Item No.
<b>Broom main</b>			
Broom main carpet	1	○	145 6080 000
	1	○ ○	146 0753 000
	1	○	146 0305 000
	1	○	146 3016 000
<b>Broom main PPL 0,7</b>			
	1	○	146 0751 000
	1	○	146 0304 000
<b>Broom main mix steel</b>			
	1	○	8-08-03225
	1	○	145 4963 000
	2	○	145 4957 000
	2	○	146 0750 000
	1	○ ○	145 4973 000
<b>Broom side</b>			
Broom side carpet	1	○	145 4976 000
	2	○	145 4976 000
	1	○	146 3036 000
<b>Broom side mix steel</b>			
	1	○	0880-439
	1	○	146 1149 000
	2	● ○	145 4959 000
	1	○ ○	145 4959 000
<b>Skirts non-marking</b>			
Skirt non marking kit (side, rear and front)		○	146 2744 000
		○	1463167000
Skirt non-marking, front		○	146 1152 000
Skirt non-marking, rear		○	146 1151 000
Skirt non-marking, rear		○	146 0743 000
Skirt non-marking, rear		○	146 0586 000
Skirt non-marking, side		○	146 1150 000
Skirt non-marking, side		○	146 0587 000
<b>Broom left side kit</b>			
Broom, left side kit 6150		○	0880-659
Broom, left side kit R 580 B		○	146 2681 000
Broom, left side kit R 580 P		○	146 2682 000



○ Can be used. (Items included as standard can be seen on the machine pages)  
For additional accessories please contact your local dealer


↑ Item No.  
always consists of one piece.

● Standard equipment

# Accessories for polishers



SPINTEC 343  
SPIN 43  
SPINTEC 343 H  
SPIN 43 HS  
SPIN 43 DS

Accessories			Item No.
	Pad driver Super grip		
	Pad driver Standard	○ ○	63240
	Pad driver High speed	○ ○	63241
	Pad driver Dual speed	○	30300367
<b>Packed</b>			
	Pads (175-600 RPM)		
	White 17" (Ø 430 mm)	5 ○ ○ ○ ○ ○	976052
	Red 17" (Ø 430 mm)	5 ○ ○ ○ ○ ○	976053
	Blue 17" (Ø 430 mm)	5 ○ ○ ○ ○ ○	976054
	Brown 17" (Ø 430 mm)	5 ○ ○ ○ ○ ○	976055
	Black 17" (Ø 430 mm)	5 ○ ○ ○ ○ ○	976158
	Brush Polypropylene	○ ○ ○ ○ ○	63239
	Brush Universal	○ ○ ○ ○ ○	30300365
	Abrasive coated scrubbing brush	○ ○ ○ ○ ○	63238
	Nylon carpet	○ ○	63242
<b>Options</b>			
	Spray buff attachment	○ ○ ○ ○ ○	63236
	Solution tank assembly	○ ○ ○	63237

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

● Standard equipment

# Accessories for carpet extractors



TW 1400 HD  
TW 400  
TW 300 S  
TW 300 CAR



## Standard equipment

Item No.



### Spray and suction hose complete

With sleeves, nipple and coupling

Ø 38 mm, 4 m

Ø 32 mm, 3 m

Suction hose, Ø 32 mm, 3 m

Spray hose

●

7338

●

7311

● ●

34484

● ●

7359

### Tubes and carpet adapter

Single nozzle, metal, two parts, suction nozzle

4 nozzles, aluminium, one part, suction nozzle



● ● ○ ○

7310

○ ○ ● ○

7330

## Options

### Upholstery tool

Plastic, with internal nozzle

Aluminium with external nozzle



○ ○ ○ ●

6696

○ ○ ○

7335

### Pre-spray lance

With 10 m spray hose, nipple and coupling



○ ○ ○ ○

11553

### Hard floor scrubbing adapter

Metal, one part, suction nozzle, 3 nozzles with scrub brush



○ ○

11550

● ○

303001011

### Vacuum cleaner set

Consists of:

Combi nozzle

Water vacuuming nozzle

Universal nozzle

Crevice tool

Suction brush

3-piece vacuum cleaning tube

Dust bag for 13 l (10 pack)



○ ○

7341

8046

7270

14295

6084

5146

11551

6695

## Accessories for carpet extractors



TW 1400 HD  
TW 400  
TW 300 S  
TW 300 CAR

Options			Item No.
	<b>Vacuum tube</b>		
	Chromium-plated, 3 parts	<input type="radio"/>	11551
	<b>Combi-nozzle</b>		
	Plastic	<input type="radio"/>	302000477
	<b>Water vacuuming nozzle</b>		
	Plastic, 300 mm	<input type="radio"/>	63992
	<b>Crevice tool</b>		
	Plastic	<input type="radio"/>	6084
	<b>Universal nozzle</b>		
	Plastic	<input type="radio"/>	14295
	<b>Suction brush</b>		
	Plastic	<input type="radio"/>	5146

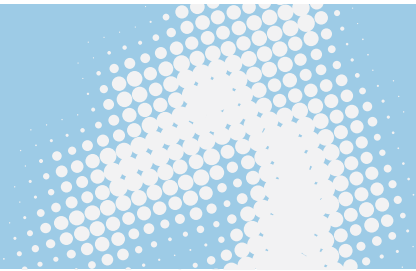
Can be used. (Items included as standard can be seen on the machine pages)

Standard equipment

# Detergents



## VEHICLE CLEANING



	Product	Soiling	Fields of application	Technique	Size	Item No.
Prewash	<b>RIM TOP</b> Basic rim cleaner. Dilution: 5-10%; pH: 2.5 (1% solution)	▼ ●	Cleaning of steel and light alloy wheel rims.		10 L	80935
	<b>ALLOSIL</b> Coarse dirt remover. Dilution: 1-5%; pH: 10 (1% solution)	● ■	Precleaning or main cleaning of cars, trucks, busses, fork-lift trucks, etc.	 	10 L 25 L	81237 81209
	<b>ACTIVE SHAMPOO</b> Foam cleaner – neutral. Dilution: 0.1-0.5%; pH: 7 (1% solution)	●	Cleaning of cars, particularly in brush washing installations, but also in high-pressure and selfservice car washes, etc.	  	25 L 220 kg	81216 80874
Main wash	<b>SUPER PLUS</b> Foam cleaner – alkaline. Dilution: 0.1-0.5%; pH: 10.5 (1% solution)	● ■	Cleaning of cars, trucks, busses and commercial vehicles in self-service car washes or by high pressure cleaner.	  	10 L 25 L 220 kg 1000 kg	81170 81220 81083 81093
	<b>PROWASH P</b> Foam cleaner – alkaline/powder. Dilution: 0.05-0.2%; pH: 10.7 (1% solution))	● ■	Cleaning of cars, trucks, busses and commercial vehicles in self-service car washes or by high pressure cleaner.	  	25 kg	80825
	<b>AUTOACTIVE</b> Shampoo. Dilution: 0.1-0.5%; pH: 9.5 (1% solution)	● ■	Cleaning of cars, trucks, busses and commercial vehicles in self-service car washes or by high pressure cleaner.	  	10 L 25 L 220 kg 1000 kg	81136 81218 80748 80833
	<b>ACTIVE FOAM</b> Shampoo and wax effect – neutral. Dilution: 0.1-0.5%; pH: 7 (1% solution)	●	Cleaning of cars in brush washing installations with feeble or too short drying zone.	  	10 L 25 L	81296 81217
	<b>SAPHIRE</b> Shampoo and wax effect – alkaline. Dilution: 0.1-0.5%; pH: 10 (1% solution)	● ■	Cleaning of cars, trucks, busses and commercial vehicles in self-service car washes or by high pressure cleaner.	  	10 L 25 L	81180 81219
	<b>ACIDO</b> Special cleaner. Dilution: 1-3%; pH: 2 (1% solution)	▼ ● ★	Special cleaning of trucks, commercial vehicles, tarpaulins, boxes, washing bays, etc.	  	10 L 25 L	81204 81205
	<b>INSECT REMOVER AL</b> Alkaline insect remover. Dilution: 1-5%; pH: 9.7 (1 %)	■ ●	Removal of insects from windscreens and care bodywork.	  	25 L	308000151
	<b>TRUCK CLEANER AL</b> Alkaline cleaner. Dilution: 0.3-0.5 %; pH: 9.8 (1 %)	■ ●	Removal of greases, oil, mineral dirt. Cleaning of trucks and busses.	  	25 L	308000153
	<b>QUICK DRY</b> Drying aid – concentrated. Dilution: 0.05-0.2%; pH: 5 (1% solution)	◆	For care and quick drying of vehicles in selfservice and brush washing installations.	  	25 L	81221
	<b>ACTIVE WAX</b> Conservation agent with waxes. Dilution: 0.1-0.2%; pH: 5 (1% solution)	◆	For care and quick drying of vehicles in selfservice and brush washing installations.	  	10 L 25 L	81177 81222
<b>AUTODRY</b> Drainage agent. Dilution: 0.05%; pH: 5.5 (1% solution)	◆	For scale-free drying of vehicles which are washed without osmosis water.	  	10 L	81175	

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



### Industrial floors and working surfaces

Product	Soiling	Fields of application	Technique	Size	Item No.
<b>ACIDO</b> All-round cleaner – acid. Dilution: 1-10%; pH: 2 (1% solution)	▼ ● ★	Rust transformer/rust dissolver, lime/cement haze remover in trade and industry; disinfectant agent in foodstuffs related sectors.	  	10 L 25 L	81204 81205
<b>UNIVERSAL</b> All-round cleaner – neutral. Dilution: 0.5-10%; pH: 7 (1% solution)	●	Various cleaning tasks on a wide range of particularly delicate surfaces in trade and industry.	  	10 L 25 L 220 kg	80930 81225 80932
<b>J 25 MULTI</b> All-round cleaner – alkaline. Dilution: 1-10%; pH: 9.5 (1% solution)	● ■	Cleaning of industrial and commercial floors, motor vehicles, steel parts, motors/machines, walls, facades, working surfaces, etc.	  	10 L 25 L 220 kg 1000 kg	80923 81228 8418 81171
<b>COMBI ACTIVE</b> All-round cleaner – strongly alkaline. Dilution: 1-10%; pH: 13 (1% solution)	■	Cleaning of sturdy industrial floors, steel parts, motors/machines, working surfaces, etc.	  	10 L 25 L 220 kg 1000 kg	81172 81229 8316 81053
<b>SHAMPOO P</b> All-round cleaner – powder. Dilution: 0.3-1%; pH: 10.7 (1% solution)	■	Cleaning of industrial and commercial floors, motor vehicles, steel parts, motors/machines, walls, facades, working surfaces, etc.	  	25 kg	8385



### Various applications

<b>DES 3000</b> Disinfection cleaner. Dilution: 1-5%; pH: 9.5 (1% solution)	● ■ ★	Floor and hard surface cleaning in slaughterhouses, bakeries, butchers' shops, cheese-making plants, canteens, agriculture, pharmaceuticals plants, etc.	  	10 L 25 L	80933 81241
<b>DES 4000</b> Sour disinfectant liquid. pH value 4.8 (1% solution)	● ★	For disinfection of washable surfaces, like soils, walls as well as stables, epidemic mats, crossing basins and animal trucks.	 	25 L	308 000 005
<b>ALKAFOAM</b> Foam cleaner. Dilution: 1-5%; pH: 12 (1% solution)	● ■	Hard surface cleaning of machines, walls, working surfaces and tiles, etc., particularly in slaughterhouses and butchers' shops.	  	10 L 25 L 220 kg	81239 81231 81240
<b>PHOSPHAT</b> Phosphating agent. Dilution: 0.5-1%; pH: 5.5 (1% solution)	● ■	Temporary corrosion protection for iron parts in metal processing plants.	 	25 L	81232
<b>PHOSPHAT P</b> Phosphating agent – powder. Dilution: 0.25-0.8%; pH: 5 (1% solution)	● ■	Temporary corrosion protection for iron parts in metal processing plants.	 	25 kg	81233
<b>BACTERIA STOP</b> Disinfection agent. Dilution: 0.0005%; pH: 7 (1% solution)	★	For combating bacteria in phosphating baths.	 	1 L	8414
<b>UNIKAL PLUS</b> Solvent-based cold cleaner. Dilution: apply neat; pH: not applicable	■	Metal processing plants and workshops.	 	10 L 25 L	81173 81234
<b>CONSEX FORTE</b> Motor vehicle conservation agent remover. Dilution: apply neat; pH: not applicable	■	Wax and preservative removal from motor vehicles in metal processing plants.	  	25 L	81223
<b>SUPER BLAST P</b> Sandblasting agent for high-pressure units. Dilution: apply neat via wet spraying attachment; pH: not applicable	▼	Rust and paint removal and smoothing of sturdy industrial and commercial surfaces.		25 kg	8379
<b>ARMEK</b> Abrasive agent for "Soft Blasting", baking soda and slightly alkaline. pH: 8.2 (1% Solution)	■	Cars and buses, trucks and vans, hard floor, metal industry and special purpose.		25 kg	5218617

# Detergents



## FLOOR CARE



	Product	Soiling	Fields of application	Technique	Size	Item No.
 <b>Hard floors</b>	<b>QUICK FRESH</b> Maintenance cleaner with refreshing effect. Dilution: 1-5%; pH: 7 (1% solution)	●	Daily floor cleaning in hotels, restaurants, car showrooms, office buildings, supermarkets, schools, exhibition rooms, DIY markets, etc.		10 L 25 L	81074 81226
	<b>WAX CLEAN</b> 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.		10 L	81212
	<b>INTENSIVE</b> All-round cleaner. Dilution: 3-10%; pH: 9.3 (1% solution)	● ■	Various cleaning applications on a wide range of surfaces in trade and industry.		10 L 25 L 220 kg 1000 kg	81137 81227 80804 80840
	<b>TORNADO</b> 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.		10 L 25 L 220 kg 1000 kg	80940 81230 80491 30800055
	<b>ACTIVE ACID</b> Rust and cement haze remover. Dilution: 1-5%; pH: 1.5 (1% solution)	■ ▼	Special cleaning of sturdy commercial and industrial floors.		10 L 25 L	81174 81224
	<b>SPOT-EX</b> Rubber scuff mark remover. Dilution: apply neat; pH: 6 (1% solution)	■	Floor cleaning in warehouses, workshops, DIY markets, supermarkets, industrial buildings with stacker and rubber markings.		6 x 1 L 10 L	81316 81207
 <b>Textile floors</b>	<b>TOP WASH</b> 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.		6 x 1 L 10 L	8467 80937
	<b>TOP WASH P</b> Spray extraction cleaner. Dilution: 1-5%; pH: 10 (1% solution)	●	Textile floor cleaning in office buildings, schools, hotels, restaurants, banks, exhibition rooms, etc.		6 x 1 kg 8 kg	81100 81033
 <b>Care</b>	<b>PRO GLOSS</b> 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.		10 L	81078
	<b>PROTECTOR</b> 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.		10 L	81077
 <b>Ancillary products</b>	<b>FOAM STOP</b> 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.		6 x 1 L 10 L	8469 80938
	<b>ODOUR STOP</b> Odour combating agent. Dilution: 2-10%; pH: 7 (1% solution)		Odour combating on surfaces and in machines in trade and industry.		1 L	81176

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

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▼ Lime, rust, cement

★ Bacteria, viruses, fungi

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## CARE & MAINTENANCE OF MACHINES AND PLANTS



	Product	Soiling	Fields of application	Technique	Size	Item No.
High pressure unit	<b>ANTI STONE</b>	◆	Mobile and stationary high-pressure cleaners and comparable systems.	■	6 x 1 L	8466
	Scaling protection agent. Dilution: Pour neat into the scaling protection agent tanks; pH: 7.5 (1% solution)				10 L	80919
					25 L	81235
High pressure unit	<b>STONE EX</b>	▼	Vloeibaar, zuur ontkalkingsmiddel voor de eliminatie van kalkaanslag in zuurbestendige verwarmingslangen, boilers en ketels enzovoort.	■	10 L	81191
	Descaling agent. Dilution: Pour neat into the water tank; pH: 2.7 (1% solution)				25 L	81236
Washing systems	<b>BROXO P</b>	◆	Washing systems and phosphating plants with water softeners /osmosis.	■ ■	25 kg	8338
	Regeneration salt for osmosis plants. Dilution: Pour neat into the saline tank; pH: not applicable					

# Self Service Systems



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

For more than 25 years, Nilfisk-ALTO CarWash has been a pioneer and specialist. The concentration on self-service and centre car wash stations with facility management is an important basis for the success in this market segment. For any activities the economic success is always the centre of attention.

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

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

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

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





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- Product information
- Photo-Service On-line
- After sales service information
- Find your nearest Service Center
- Service/Technical Information
- Service manuals
- Brochures
- Trouble shooting guide
- Spare part catalogues
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- News and exhibitions
- Get to know Nilfisk-ALTO
- Ask us

*Dealer:*

The Nilfisk-ALTO brand is owned by Nilfisk-Advance A/S, one of the leading professional cleaning equipment companies in the world, with a turnover of Euro 780 million and 5,000 employees. Our headquarters is in Denmark and we have sales companies in all main European countries, North America and Asia. Our manufacturing facilities are in Hungary, China, Italy, the USA, Singapore, Denmark and Germany.

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

*Why Compromise*