

Nilfisk-ALTO POSEIDON 5 – WHY COMPROMISE

Superior cold water technology and performance

**Nilfisk
ALTO**

Why Compromise





New POSEIDON 5 series – state of the art with no compromise on quality

After more than 50 years of experience in pressure washing and research into our customers' environments and needs, Nilfisk-ALTO can yet again offer superior performances and features in the latest professional cold water pressure washer. Nilfisk-ALTO is constantly striving to supply the best cleaning solution to our customers and a quality evolution ensuring high efficiency, functional design and superior ergonomics. We do not compromise in the search for customer satisfaction... so why should you compromise on the choice of pressure washer.

Why compromise

Evolution comes from merging customers' needs with experience, engineering and innovation. Evolution such as:

SilentPower Quiet Impact

The motor pump innovation of the POSEIDON 5 has focused on two aspects. One is to offer the right level of performance and reliability to solve your cleaning task as quickly as possible. The other is silence. By reducing noise level we can reduce noise pollution significantly – making your cleaning tasks also more comfortable. The new pump unit and its 1450 rpm motor will save you time and money and make cleaning user-friendlier.

ErgoSystem Applied Ergonomics

Work-related fatigue is an increasingly important topic and Nilfisk-ALTO has always focused on optimising ergonomics in order to reduce user-stress and tiredness. The latest innovation is the ErgoSystem: offering maximum ease of use on spray guns, lances, nozzles and couplings. This unmatched level of comfort will considerably reduce the user's level of fatigue at the end of the cleaning operation. Ultimate ergonomics.



THE PROFESSIONAL YOU CAN COUNT ON – BUT NOT HEAR

A reliable and durable washer offering an unbeatably low noise level

The most efficient and quietest worker in your company

Not only does the POSEIDON 5 offer a major reduction in noise pollution, it also offers high performance levels and cleaning efficiency. Associated with the correct accessories and equipment, the new POSEIDON 5 will quickly become an appreciated cleaning worker. Being powerful and silent, it is also a worker that you can count on again and again.



Detergent tank

The built-in detergent tank is easy to fill and to empty and the level of remaining detergent can be spotted within seconds.



Detergent dosing

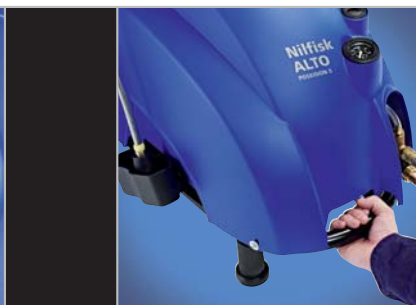
The detergent dosing system is practical to use, thanks to the large and clearly visible dosing button. The dosing system also offers precise adjustment of the detergent concentration.

Robust frame

The robust POSEIDON 5 is mounted on a sturdy and durable 30mm steel frame and protective bar. The frame includes clear lifting points on front and sides.

Optimal stability

Stable and easy to transport. The POSEIDON 5 is mounted on two large, wide wheels and two resting feet. This ensures optimal stability, good ground clearance and manoeuvrability over uneven ground and stairs.



Easy to use

Nilfisk-ALTO has focused on making installation, preparation and use of the POSEIDON 5 as easy and quick as possible. All control and installation elements such as on-off switch, detergent regulation, pressure/flow regulation and couplings are situated in one area, making life that little bit more practical and straightforward. No waste of time, just straight on to the cleaning task.

Multiple storage

Storage of equipment is easy on the POSEIDON 5. The robust optional hose reel makes storage of the hose simple and protects the hose from damage at the same time. There is a storage facility for two lances, and the electric cable can be coiled up around the storage hooks in no time.



ErgoSystem
Applied Ergonomics



NEW POSEIDON 5 state of the art with no compromise on quality

SilentPower
Quiet Impact

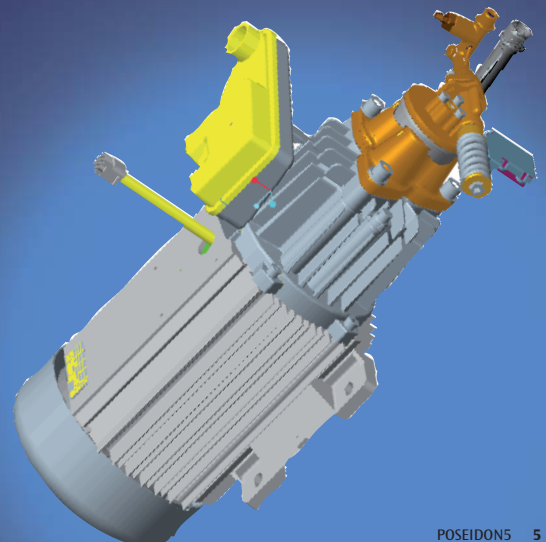
The new pump innovation from Nilfisk-ALTO has focused on providing superior cleaning power and even higher durability. With the new POSEIDON 5, you can get your cleaning task done quicker and prolong the working life of your pressure washer, reducing your overall cleaning costs.

The new NA5 wobble disc pump unit is not only robust and cost effective – it is also quiet, making cleaning more comfortable. POSEIDON 5 clearly still offers Silent Power.

No compromise has been made on quality materials and lifetime.

- Ceramic piston sleeves offer high resistance to wear and tear
- Brass pump head offers longer lifetime
- Oscillating wobble disc reduced friction on piston heads
- 1450 rpm slow running motor continues to power the new pump, offering a major reduction in sound level and unbeatable durability.

The new POSEIDON 5 is a partner you can count on – again and again and again...



The Nilfisk-ALTO ErgoSystem optimises ergonomics, user-friendliness and adaptability of the pressure washer for users!

ErgoSystem
Applied Ergonomics

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

Ergo 1000 spray gun - A new ergonomic spray gun based on tried and tested technology, the Ergo 1000 gun combines optimal serviceability with robustness and simplicity.

Various accessories and attachments can be used to optimise the pressure washer for a specific cleaning task... and with the ErgoSystem described on the next page, it is possible to change accessories in seconds, even without tools.

① Ergo 1000 spray gun

- Large, robust design
- Quick bayonet coupling system for easy connection of accessories
- Innovative new Vario Press function (Ergo 1000 VP) situated within the trigger guard
- Optimal serviceability – immediate access to valve seats through the hose coupling area

② Ergo 3000 spray gun

- Low activation and holding force on trigger
- 360 degree flexo swivel for hose with locking device adding comfort in any working position
- Swivel couplings on hose avoid hose drilling
- Quick bayonet coupling system for easy connection of accessories
- Vario Press version available

③ Ergo 3000 Vario Press spray gun

- Easy to regulate water pressure and flow close to the working place

④ Universal 3000 lance

- Lightweight and simple high pressure lance
- Stainless steel piping
- Ergonomic casing for optimal holding positions
- Available in different versions; curved and straight

⑤ FlexoPower 3000 lance

- Lightweight and simple lance
- Pressure regulation at nozzle head allowing work with low pressure detergent and rinsing
- Stainless steel piping
- Ergonomic casing for optimal holding positions
- Available in different lengths

⑥ Tornado 3000 lance

- Robust stainless steel double pipe lance
- Pressure regulation at lance
- Separate low pressure nozzle with optimal rinsing effect that gives possibility for using low pressure detergent
- Available in different lengths

⑦ Sidebar

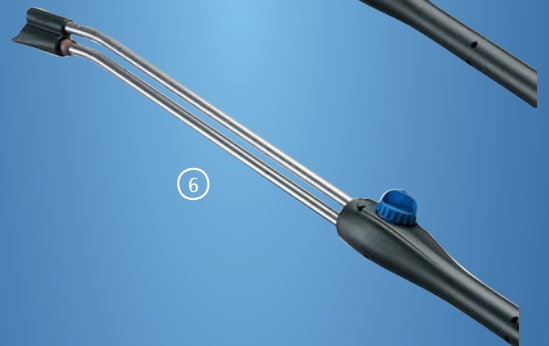
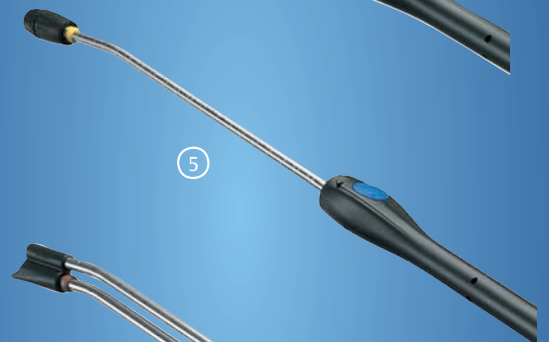
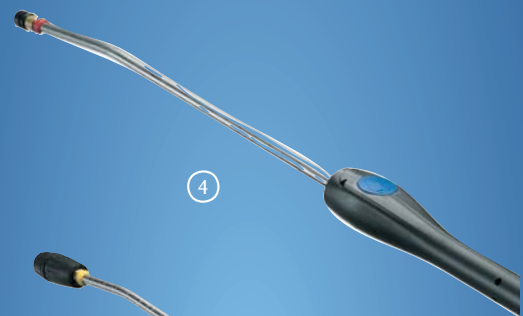
- New optional accessory for additional comfort in working posture
- Soft grip - Flexible solution: Adaptable to left or right handed use, long or short reaches

⑧ Tornado Plus nozzle

- Patented nozzle construction
- 75% more efficient spray profile through high level of water concentration

⑨ Ergo 3000 high pressure couplings

- Quick and easy connection of hose and machine
- Protective cover shield against heat transfer
- Security against hose removal when hose is under pressure



The optional accessories...



Under Carriage Washer

A special lance, long with swivel wheels allow you to clean under large vehicles with ease.



Short Double Lance

The 100 mm Short Double Lance allows you to work close to the dirt, and it is possible to control water pressure and water flow close to your work. With the Ergo 3000 Quick-connect system you can easily change from the standard lance to the short lance.



Armex Softblasting

The Armex Softblasting kit makes it easy to remove paint, such as Graffiti, without damaging the surface. It can also be used for cleaning smoke damage or other dirt before repainting walls.



Rotary Brush

The Rotary Brush is driven by the water from your pressure washer and includes a control for rotation speed. Available in 0,8m or 1,7m lengths, the rotary brush makes it easy to clean heavy dirt from surfaces.



Foam Lance

The Foam Lance will apply an effective coating of foaming detergent or sanitizing agent to walls or irregular surfaces. Available in 0,6m or 1,2m lengths, and used with the foam injector, this accessory produces high quality foam for demanding cleaning situations.



PowerScrub P300

The PowerScrub P300 is simply the easiest way to clean small horizontal or vertical surfaces with concentrated cleaning impact. The 30cm dimension makes it especially suitable for cleaning work tables. Easy to use for right or left-handed operators.



PowerScrub P400/S500

The PowerScrub P400/S500 is simply the fastest way to clean large floor surfaces with concentrated cleaning impact. Available in 40cm or 50cm diameter, and easy to use for right or left-handed operators.



PowerSpeed Vario

The PowerSpeed Vario is the most effective lance available, providing the cleaning impact of a 0° nozzle with the coverage of a fan-pattern nozzle. Pressure and spray width adjustable on the lance.



Water suction system

Ideal for emptying flooded basements or swimming pools. Extracts stones up to 20mm, sludge, dirt, sand and sediment. Up to 300 l/min.

THE COOL FACTS – FOR YOUR POSEIDON 5 SOLUTION



Technical data:

Pump:

| | | POSEIDON 5-41 | POSEIDON 5-41 XT | POSEIDON 5-55 | POSEIDON 5-55 XT | POSEIDON 5-61 | POSEIDON 5-61 XT |
|-------------------------|----------|---------------|------------------|---------------|------------------|---------------|------------------|
| Pump pressure | bar/MPa | 180/18 | 180/18 | 205/20.5 | 205/20.5 | 215/21.5 | 215/21.5 |
| Cleaning impact | kg/Force | 4.1 | 4.1 | 5.5 | 5.5 | 6.1 | 6.1 |
| Water Flow, Qmax./ QIEC | l/hr | 840/760 | 840/760 | 1050/970 | 1050/970 | 1130/1040 | 1130/1040 |
| Pump inlet temperature | °C | 60 | 60 | 60 | 60 | 60 | 60 |
| Suction height dry | m | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |

Motor:

| | | POSEIDON 5-41 | POSEIDON 5-41 XT | POSEIDON 5-55 | POSEIDON 5-55 XT | POSEIDON 5-61 | POSEIDON 5-61 XT |
|---------------------------------|----------|---------------|------------------|---------------|------------------|---------------|------------------|
| Power consumption | kW | 4.5 | 4.6 | 6.4 | 6.4 | 7.0 | 7.0 |
| Voltage/phase/frequency/current | V/~/Hz/A | 400/3/50/8.4 | 400/3/50/8.5 | 400/3/50/11.9 | 400/3/50/12.0 | 400/3/50/12.6 | 400/3/50/12.8 |
| Pump | RPM | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 |
| Detergent tank | l | 7 | 7 | 7 | 7 | 7 | 7 |
| Cable | m | 5 | 5 | 5 | 5 | 5 | 5 |
| Weight | kg | 70 | 75 | 75 | 85 | 79 | 89 |
| Dimensions LxWxH | mm | 740x570x1015 | 920x550x1015 | 740x570x1015 | 920x550x1015 | 740x570x1015 | 920x550x1015 |

Accessories:

| | | POSEIDON 5-41 | POSEIDON 5-41 XT | POSEIDON 5-55 | POSEIDON 5-55 XT | POSEIDON 5-61 | POSEIDON 5-61 XT |
|---------------------|-----|---------------|------------------|---------------|------------------|---------------|------------------|
| HP hose | ø/m | DN8/10 | DN8/15 | DN8/10 | DN8/15 | DN8/10 | DN8/15 |
| Ergo 1000 VP Gun | | ● | ● | ● | ● | ● | ● |
| Ergo 3000 VP Gun | | | | | | | ● |
| Tornado Plus Nozzle | | 0400 | 0400 | 0500 | 0500 | 0530 | 0530 |
| HP hose reel | | ○ | ● | ○ | ● | ○ | ● |
| Tornado Lance | | ● | ● | ● | ● | ● | ● |
| Auto start stop | | ● | ● | ● | ● | ● | ● |
| TurboHammer Lance | | | ● | | ● | | ● |
| Article No. | | 107146503 | 107146516 | 107146509 | 107146514 | 107146518 | 107146522 |

| | | POSEIDON 5-63 | POSEIDON 5-63 XT |
|---------------------------------|----------|---------------|------------------|
| Pump pressure | bar/MPa | 170/17 | 170/17 |
| Cleaning impact | kg/Force | 6.3 | 6.3 |
| Water Flow, Qmax./ QIEC | l/hr | 1300/1200 | 1300/1200 |
| Pump inlet temperature | °C | 60 | 60 |
| Suction height dry | m | 1.5 | 1.5 |
| Power consumption | kW | 7.8 | 7.8 |
| Voltage/phase/frequency/current | V/~/Hz/A | 400/3/50/14.1 | 400/3/50/14.1 |
| Pump | RPM | 1450 | 1450 |
| Detergent tank | l | 7 | 7 |
| Cable | m | 5 | 5 |
| Weight | kg | 79 | 89 |
| Dimensions LxWxH | mm | 740x570x1015 | 920x550x1015 |
| HP hose | ø/m | DN10/10 | DN10/15 |
| Ergo 1000 VP Gun | | ● | |
| Ergo 3000 VP Gun | | | ● |
| Tornado Plus Nozzle | | 0750 | 0750 |
| HP hose reel | | ○ | ● |
| Tornado Lance | | ● | ● |
| Auto start stop | | ● | ● |
| TurboHammer Lance | | | ● |
| Article No. | | 301000965 | 301000967 |

● Standard accessory/feature

○ Optional

For more information go to www.nilfisk-alto.com

Nilfisk-ALTO (a division of Nilfisk-Advance A/S) is one of the leading professional cleaning equipment companies with a turnover of Euro 780 million and 5000 employees. We are located in all main European countries, US and Asia with our headquarters in Denmark and production facilities in Germany, Denmark, Hungary, Singapore, China, Italy and the US.

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

Nilfisk-ALTO is a product driven company with focus on innovation and growth. We believe in developing and maintaining long lasting relationships with our customers, suppliers and employees.

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