

Leading edge hot water performance and value



The Ergo 3000 System optimises ergonomics, user-friendliness and adaptability of the pressure washer for users

ErgoSystem
Applied Ergonomics

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.

Accessories and attachments will optimise the pressure washer for specific cleaning tasks... with the Ergo System, you can change accessories in seconds, and without tools. The Ergo 3000 system includes the high pressure couplings, the spray gun, and 3 different lances.

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.

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 has: • A comfortable grip • Low activation and holding force • A 360 degree hose swivel with locking device for operator comfort • Hose swivel couplings to avoid drilling.

3) A quick bayonet coupling system for easy connection of accessories or lances. (Available VarioPress version allows pressure, temperature and flow control at the spray gun).

Ergo 3000 Lances are all stainless steel, ergonomically shaped and include the quick-bayonet coupling system.

4) Universal 3000 Lance is a lightweight and simple lance.

5) FlexoPower 3000 lance is lightweight, simple and allows pressure regulation at the nozzle head.

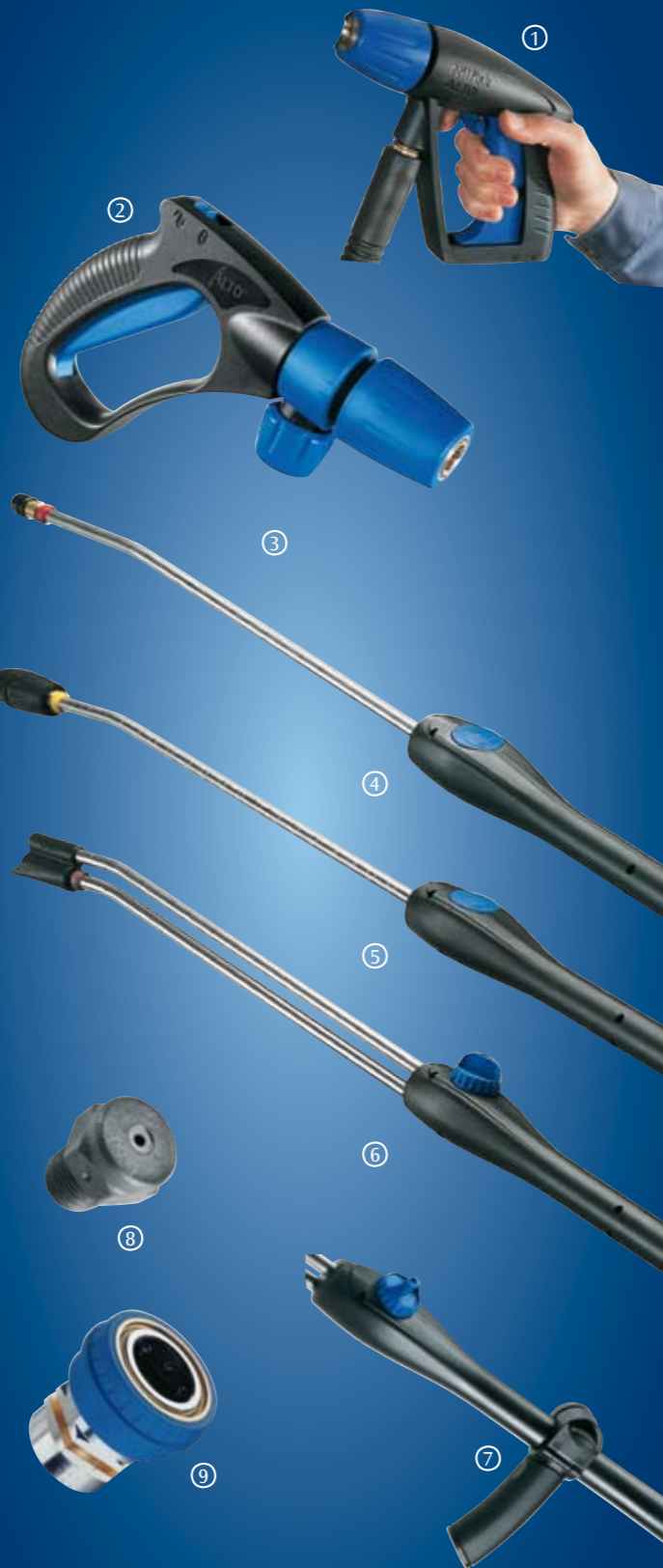
6) Tornado 3000 lance is a 2-pipe lance with pressure regulation controlling separate high and low pressure nozzles.

7) The optional Sidebar works for left or right-handed operators with short or long reaches.

8) Tornado Plus nozzle which delivers 75% more cleaning efficiency than standard nozzles.

9) Ergo 3000 high pressure couplings provide quick connection of the high pressure hose to the machine, a protective shield against heat transfer, and cannot be disconnected if the hose pressure is more than 4 bar.

Durability, performance and cost-efficiency. New benchmarks in Hot Water technology from Nilfisk-ALTO.



The hot facts – for your Nilfisk-ALTO NEPTUNE solution



Nilfisk-ALTO NEPTUNE 5 & 7 – WHY COMPROMISE

Superior hot water technology and performance

| TECHNICAL DATA: | NEPTUNE 5-27 | NEPTUNE 5-42 | NEPTUNE 5-49 | NEPTUNE 5-49 X | NEPTUNE 5-57 | NEPTUNE 5-57 X | NEPTUNE 7-63 | NEPTUNE 7-63 X2 |
|---|--------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| Pressure bar/MPa | 110/11 | 170/17 | 180/18 | 180/18 | 200/20 | 200/20 | 175/17.5 | 175/17.5 |
| Cleaning Impact kg/Force | 2.7 | 4.2 | 4.9 | 4.9 | 5.7 | 5.7 | 6.3 | 6.3 |
| Water Flow, Q _{max} /Q _{rec} l/hr | 700/630 | 860/800 | 970/900 | 970/900 | 1080/1000 | 1080/1000 | 1260/1170 | 1260/1170 |
| Water Flow, Min. l/hr | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 |
| Max. inlet temp. °C | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |
| Water temp. °C | 80-140 | 80-140 | 80-140 | 80-140 | 80-140 | 80-140 | 100-140 | 100-140 |
| Power consumed kW | 3.3 | 5.6 | 6.9 | 6.9 | 7.9 | 7.9 | 8.3 | 8.3 |
| VI-/Hz/A | 230/1/50/14 | 400/3/50/9.4 | 400/3/50/11.6 | 400/3/50/11.6 | 400/3/50/12.7 | 400/3/50/12.7 | 400/3/50/14.5 | 400/3/50/14.5 |
| | | *230-400/3/50/17-10 | *230-400/3/50/20-12 | *230-400/3/50/20-12 | *230-400/3/50/22-13 | *230-400/3/50/22-13 | *230-400/3/50/25-15 | *230-400/3/50/25-15 |
| Sound level - LpA dB(A) | 71.8 | 75.8 | 75.8 | 75.8 | 74.1 | 74.1 | 76.6 | 76.6 |
| Fuel Tank l | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 |
| Fuel Consumption ΔT = 45° C l/hr | 3.1 | 4.3 | 4.3 | 4.3 | 4.8 | 4.8 | 5.6 | 5.6 |
| Flame Sensor | ● | ● | ● | ● | ● | ● | ● | ● |
| Weight kg | 175 | 184 | 184 | 189 | 184 | 189 | 217 | 224 |
| Dimensions LxWxH mm | 1190x702x987 | 1190x702x987 | 1190x702x987 | 1190x702x987 | 1190x702x987 | 1190x702x987 | 1190x702x987 | 1190x702x987 |
| El cable m | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 10 |
| HP hose m | 10 | 10 | 10 | 20 | 10 | 20 | 10 | 20 |
| Detergent Tank A+B l | 15 + 10 | 15 + 10 | 15 + 10 | 15 + 10 | 15 + 10 | 15 + 10 | 15 + 10 | 15 + 10 |
| Motor rpm | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 |
| STANDARD ACCESSORIES: | | | | | | | | |
| Ergo Gun | Ergo 1000 | Ergo 1000 VP | Ergo 1000 VP | Ergo 1000 VP | Ergo 3000 VP | Ergo 3000 VP | Ergo 3000 VP | Ergo 3000 VP |
| Ergo 3000 Lance | Universal | Universal | Universal | Universal | Tornado | Tornado | Tornado | Tornado |
| Tornado Plus nozzle | 0450 | 0450 | 0550 | 0550 | 0550 | 0550 | 0680, *0700 | 0680, *0700 |
| Ergo 3000 coupling system | ● | ● | ● | ● | ● | ● | ● | ● |
| Full-ceramic pistons | ● | ● | ● | ● | ● | ● | ● | ● |
| HP hose reel | | | | | | | | |
| El cable reel | | | | | | | | |
| Article no. | 301000813 EU | 301000815 EU *301000814 NO, BE | 301000817 EU *301000816 NO, BE | 301000819 EU *301000818 NO, BE | 301000821 EU *301000820 NO, BE | 301000823 EU *301000822 NO, BE | 301000826 EU *301000825 NO, BE | 301000828 EU *301000827 NO, BE |

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



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.

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Dealer:

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Division of Nilfisk-Advance A/S
www.nilfisk-alto.com

**Nilfisk
ALTO**
Why Compromise

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Nilfisk-ALTO NEPTUNE 5 & 7

The perfect solution to heavy duty cleaning tasks requiring efficiency, durability and performance. The Nilfisk-ALTO NEPTUNE 5 & 7 will deliver, every time.



design award
winner
2004



Reliable performance for Professional applications. When facing a cleaning application that requires high performance, efficiency and reliability in extended operation, Nilfisk-ALTO NEPTUNE is the answer. Designed from the ground up for this kind of work, the heavy-duty steel frame, corrosion-proof cabinet, high cleaning impact performance and user-friendliness deliver what you would expect from a professional tool. Special attention was also paid to your ownership costs. Heating efficiency, and therefore fuel costs, are minimised with the superefficient EcoPower boiler system... and routine maintenance costs are assured with the QuickService design.



For heavy duty cleaning tasks, you prefer the right tool for the job at hand

Efficient, effective and economical cleaning operations...
Minimise the effort and amount of time on a job = Efficiency.
The job done properly, every time = Effective.
And low operating and maintenance costs = Economical.
Nilfisk-ALTO NEPTUNE delivers with...

EcoPower

High Efficiency saves fuel and the EasyClean feature means reduced maintenance costs. Advanced boiler technology from Nilfisk-ALTO.

SilentPower

1450 rpm, 4-pole motors in every Nilfisk-ALTO NEPTUNE deliver dramatic reductions in sound level compared to 2-pole motors and extend the lifetime of the pump.

ErgoSystem

The Ergo 3000 System minimises operator fatigue and increases cleaning task efficiency.

QuickService

Maintenance costs are minimised because Serviceability is maximised in the Nilfisk-ALTO NEPTUNE.

Why compromise



External Water Break tank and Anti-Stone container allows easy frost protection and Anti-Stone refilling. No need to open the cabinet.

Fuel gauge so you know how much fuel is in the machine before you start the job, and you can avoid interruption.

WDK Nilfisk-ALTO's WDK Detergent System allows you to select detergent A or B, and adjust the concentration. And the valve is self-cleaning to ensure reliability.

Fuel and Detergent A fill openings are conveniently located on the operating side of the machine, and at the right height to make re-filling easy.

The optional accessories...



Super short lance

It allows you to control the pressure and perform effective cleaning in places that are hard to reach with a long lance.



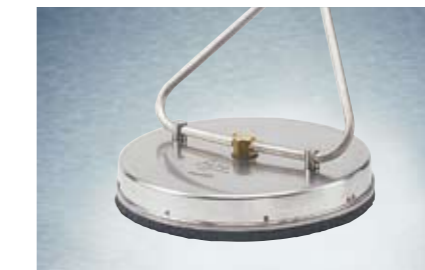
Powerspeed Vario

This effective lance provides the cleaning impact of a 0° nozzle with the coverage of a fan-pattern nozzle.



Rotary brush

This brush (0.8 or 1.7 metres) is driven by the water from your pressure washer and includes a control for rotation speed.



PowerScrub S500

The PowerScrub S500 is simply the fastest way to clean large floor surfaces with concentrated cleaning impact.



Undercarriage washer

This is simply the best way to clean the entire undercarriage of a car or a truck without using a lift. Includes a control for pressure.



Water sand blaster

This accessory makes it easy to remove rust, scale and even concrete build-up from surfaces for cleaning or to prepare for painting.



Everything the operator needs or needs to know is in one place... on the single, convenient Control Panel

- A single control knob allows you to start the machine and select Hot or Cold water operation. Another allows you to select and adjust the dosing of Detergent A or B, and the Thermostat is located just beside them.
- 5 high visibility LEDs monitor simple machine functions, and the onboard performance diagnostics will display condition codes in the temperature window, when necessary.

Professional or Industrial users expect Durability

All of the components and systems in the Nilfisk-ALTO NEPTUNE work together to provide the durability expected by Professional or Industrial users... people who use them every day.

The Chassis

Robust steel frame and corrosion-proof cabinet.

The Control Systems

Monitor system performance and other critical machine functions.

The Heating System

Efficient combustion and the Duo-Motor system to protect the fuel pump and eliminate 3-phase rotation problems.

The Pump systems

Nilfisk-ALTO NEPTUNE 7 uses the C3 axial-piston pump... the recognised standard for Industrial pump durability. Nilfisk-ALTO NEPTUNE 5 uses an optimised plunger pump for Professional users. Both feature full-ceramic pistons, high performance seals and 1450 rpm motors.



X-models

of the Nilfisk-ALTO NEPTUNE 5 & 7 include a built-in high pressure hose reel that will protect the hose when the machine is idle, and simplify transportation. A guide-bar aids in coiling the hose smoothly, and the folding crank handle is conveniently located on the operator side of the machine.



X2-models

also include a cable reel where the plug is stored inside the reel, protecting it from damage on machines that are frequently moved from job to job.

