

HOT WATER - WHY COMPROMISE

professional hot water pressure washers



**Nilfisk
ALTO**
Why Compromise

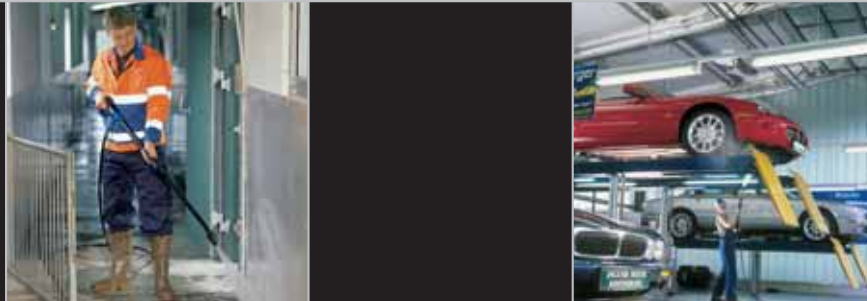
**Wap
KEW**

TECHNOLOGIES

NEW

The Nilfisk-ALTO NEPTUNE 4

– Reliable and powerful hot water cleaning



Launch of the new Nilfisk-ALTO NEPTUNE 4

When transport or storage are important, but you need maximum cleaning power and long lifetime, then the Nilfisk-ALTO NEPTUNE 4 is an optimal solution.

Everyday, tough cleaning tasks have never found a better solution.

The Nilfisk-ALTO NEPTUNE 4 line are ideal for users with everyday, tough cleaning tasks, whatever the customer group.

Be it cleaning of vehicles, farming areas or equipment or within industrial environments, the NEPTUNE 4 will blast through the dirt.

A combination of compact design, mid range power and lifetime...



SilentPower
Quiet Impact



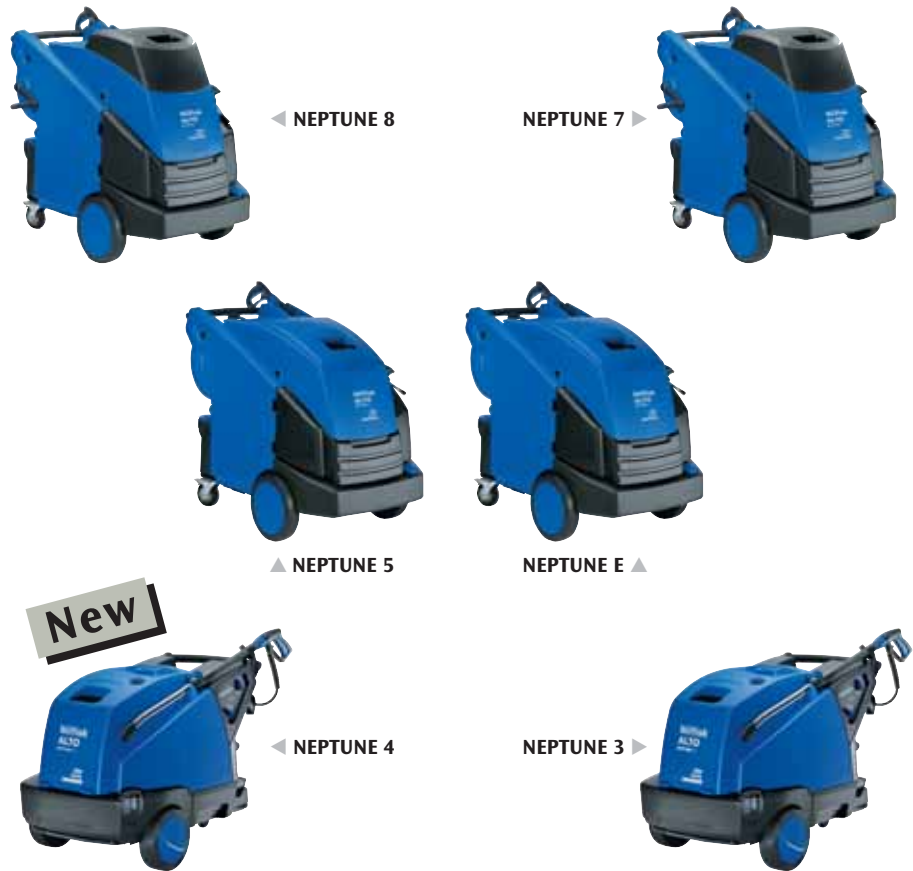
The Nilfisk-ALTO NEPTUNE Family

– The most innovative hot water line on the market



The Nilfisk-ALTO NEPTUNE range spans 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.

SilentPower motor pump units provide long life and low noise level. The EcoPower boiler system not only reduces air pollution but, just as important offers high efficiency heating performance with up to 18% fuel cost savings. A wide range of features also protect the machines against malfunctions, a guarantee of long lifetime. You just cannot do better than a NEPTUNE.



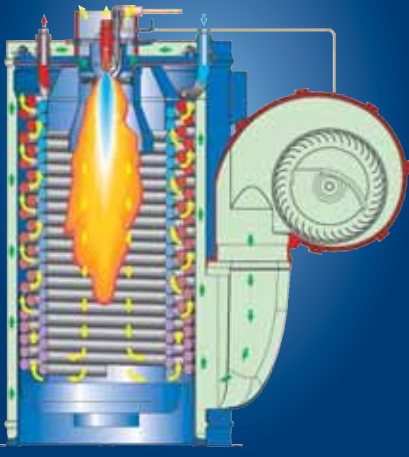
ErgoSystem
Applied Ergonomics

QuickService
Access is the Key

EcoPower
High Performance

NEPTUNE 8

- For heavy duty use



The tough and robust NEPTUNE 8 series combines low running costs, ease of use, low noise and high cleaning efficiency. The most effective tool for heavy duty uses requiring high water flow.

The Nilfisk-ALTO NEPTUNE 8 series features low running and maintenance costs, robustness, durability and high cleaning efficiency. Heating costs are reduced with the award-winning EcoPower boiler system with > 92% heating efficiency. The new pump offers high water flow for tough applications in industry and construction.

NEPTUNE 8-103

- Use by 1 or 2 users at same time
- EcoPower boiler. Low fuel consumption with high heating performance > 92% efficiency
- SilentPower. 1450 rpm, 4-pole motors = low sound level and extend lifetime of the pump
- Quick Service concept reduces maintenance cost and service time by up to 25%
- Ease of use; control panel, all controls on one place, diagnostic system, fuel indicator, pump oil warning and flexible detergent system
- High water flow pump
- Ergo accessory system for additional user comfort



Technical data:		NEPTUNE 8-103
Pump pressure	bar	180
	MPa	18
Cleaning Impact	kg/Force	10.3
Water flow, Q _{max} /Q _{IEC}	l/h	2000/1950
Water flow, min.	l/h	850
Max. inlet temp.	°C	40
Water temp. (water/steam)	°C	70/140*
Flame sensor		●
Power consumption	kW	12.0
Voltage/phase/frequency/ current	V/~/Hz/A	400/3/50/21
Pump	RPM	1450
Sound level - LpA	dB(A)	80.2
Fuel tank	l	35
Fuel consumption (ΔT = 45 °C) ¹⁾	kg/h	9.4**
Detergent tank A+B	l	10+15
Weight	kg	230
Dimensions L x W x H	mm	1190 x 702 x 1020
HP hose	m/Ø	10/DN10

¹⁾ Calculated value based on the maximum heating power

Standard equipment:

Ergo 3000 Gun	●
Ergo 3000 lance	Tornado
Tornado Plus nozzle	● 0120
Full ceramic pistons	●
HP hose reel	○
Cable / Cable reel	5 / ○

* At reduced water flow

**Machine with stainless steel heating coiler available

● Standard Accessories

○ Supplementary Accessories



QuickService
Access is the Key



The EasyClean Boiler reduces the difficult and time consuming task of cleaning the coil, to the level of "ordinary maintenance". In some places, legislation requires that the Boiler is completely serviced annually, even if there are no apparent faults. The EasyClean coil can be removed and left on the floor, ready for cleaning, in less than 6 minutes... by one technician, working alone.

NEPTUNE 7

- The solution for industrial tasks



NEPTUNE 7-63 X2

NEPTUNE 7-63

- EcoPower boiler. Low fuel consumption with high heating performance > 92% efficiency
- Constant heat, raise more than 80°C possible
- SilentPower. 1450 rpm, 4-pole motors = low sound level and extend lifetime of the pump
- Quick Service concept reduces maintenance costs and service time by up to 25%
- Ease of use; control panel with all controls on one place, diagnostic system, fuel indicator, pump oil warning and flexible detergent system
- C3 pump with 4 ceramic pistons
- Ergo accessory system for additional user comfort



Technical data:	NEPTUNE	
	7-63 X2	7-63
Pump pressure	bar 175	175
	MPa 17.5	17.5
Cleaning Impact	kg/Force 6.3	6.3
Water flow, Qmax/QIEC	l/h 1260/1170	1260/1170
Water flow, min.	l/h 400	400
Max. inlet temp.	°C 40	40
Water temp. (water/steam)	°C 100/140	100/140
Flame sensor	●	●
Power consumption	kW 8.3	8.3
Voltage/phase/frequency/	400/3/50/15	400/3/50/15
current	V~/Hz/A 230-400/3/50/25-15*	230-400/3/50/25-15*
Pump	RPM 1450	1450
Sound level - LpA	dB(A) 76.6	76.6
Fuel tank	l 35	35
Fuel consumption (ΔT = 45 °C) ¹⁾	kg/h 5.6	5.6**
Detergent tank A+B	l 10+15	10+15
Weight	kg 224	217
Dimensions L x W x H	mm 1190 x 702 x 1020	1190 x 702 x 1020
HP hose	m/Ø 20/DN10	10/DN10

¹⁾ Calculated value based on the maximum heating power

Standard equipment:

Ergo 3000 VarioPress Gun	●	●
Ergo 3000 lance	Tornado	Tornado
Tornado Plus nozzle	● 0680, 0700*	● 0680, 0700*
Full ceramic pistons	●	●
HP hose reel	●	○
Cable / Cable reel	10 / ●	5 / ○

* Dual voltage models use Tornado Plus nozzle 0700

**Machine with stainless steel heating coiler available

● Standard Accessories ○ Supplementary Accessories

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

The Nilfisk-ALTO NEPTUNE 7 series features low running and maintenance costs, robustness, durability and high cleaning efficiency. Heating costs are reduced with the award-winning EcoPower boiler system with > 92% heating efficiency. Sound level is reduced and lifetime extended with the famous C3 pump and 1450 rpm motor.



The components and systems in the NEPTUNE 7 work together to provide durability:

The Chassis

Steel frame and corrosion-proof.

The Control Systems

Monitor system performance and other critical machine functions.

The Heating System

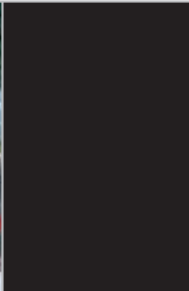
Efficient combustion and Duo-Motor system to protect the fuel, pump and eliminate 3-phase rotation problems.

The Pump system

NEPTUNE 7 uses the C3 axial-piston pump... the recognised standard for Industrial pump durability, feature full-ceramic pistons, high performance seals and 1450 rpm motors.

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.

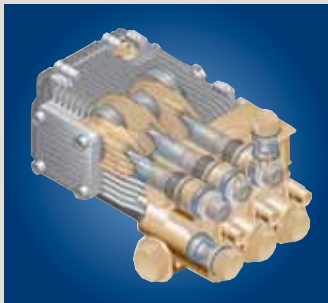
The Nilfisk-ALTO NEPTUNE 5 series features low running and maintenance costs, robustness, durability and high cleaning efficiency. Heating costs are reduced with the award-winning EcoPower boiler system with > 92% heating efficiency. Sound level is reduced thanks to the 1450 rpm motor.

NEPTUNE 5-57 X
NEPTUNE 5-57
NEPTUNE 5-49 X
NEPTUNE 5-49
NEPTUNE 5-42
NEPTUNE 5-27

- Quick Service concept reduces maintenance costs and service time by up to 25%
- SilentPower. 1450 rpm, 4-pole motors = low sound level and extend lifetime of the pump
- Ease of use; control panel with all controls on one place, diagnostic system, fuel indicator, pump oil warning and flexible detergent system
- 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
- EcoPower boiler with > 92% efficiency
- Hose reel (standard on X models)
- Full ceramic piston pump
- Ergo accessory system for additional user comfort



SilentPower
 Quiet Impact



The generation of Nilfisk-ALTO NP5 motor pump units are specifically developed to suit the professional market. They offer cost effective performance, durability and low noise levels.

- 1450-rpm slow running motor gives more than a 50% reduction in noise level.
- Full ceramic piston sleeves with high resistance to wear and tear
- Brass pump head and reinforced cylinder heads for longer lifetime
- Tapered roller bearings, capable of carrying twice the load of normal bearing systems
- Oil system with easy filling and emptying possibilities. Includes oil sight glass.

Technical data:	NEPTUNE 5-57 X	NEPTUNE 5-57	NEPTUNE 5-49 X	NEPTUNE 5-49	NEPTUNE 5-42	NEPTUNE 5-27
Pump pressure	200 bar	200 MPa	180	180	170	110
Cleaning Impact	5.7 kg/Force	5.7	4.9	4.9	4.2	2.7
Water flow, Q _{max} /Q _{IEC}	1080/1000 l/h	1080/1000	970/900	970/900	860/800	700/630
Water flow, min.	400 l/h	400	400	400	400	400
Max. inlet temp.	40 °C	40	40	40	40	40
Water temp. (water/steam)	80/140 °C	80/140	80/140	80/140	80/140	80/140
Flame sensor	●	●	●	●	●	●
Power consumption	7.9 kW	7.9	6.9	6.9	5.6	3.3
Voltage/phase/frequency/ current	400/3/50/14 V/~/Hz/A	400/3/50/14	400/3/50/12.5	400/3/50/12.5	400/3/50/10	230/1/50/15
Pump	1450 RPM	1450	1450	1450	1450	1450
Sound level - LpA	74.1 dB(A)	74.1	75.8	75.8	73.8	71.8
Fuel tank	35 l	35	35	35	35	35
Fuel consumption (ΔT = 45 °C) ¹⁾	4.8 kg/h	4.8	4.3	4.3*	3.9	3.1
Detergent tank A+B	10+15 l	10+15	10+15	10+15	10+15	10+15
Weight	189 kg	184	189	184	180	175
Dimensions L x W x H	1190 x 702 x 987 mm	1190 x 702 x 987	1190 x 702 x 987	1190 x 702 x 987	1190 x 702 x 987	1190 x 702 x 987
HP hose	20/DN10 m/Ø	10/DN10	20/DN8	10/DN8	10/DN8	10/DN8

¹⁾ Calculated value based on the maximum heating power

Standard equipment:

Ergo Gun	● Ergo 3000 VP	● Ergo 3000 VP	● Ergo 1000 VP	● Ergo 1000 VP	● Ergo 1000 VP	● Ergo 1000
Ergo 3000 lance	Tornado	Tornado	Universal	Universal	Universal	Universal
Tornado Plus nozzle	● 0550	● 0550	● 0550	● 0550	● 0450	● 0450
Full ceramic pistons	●	●	●	●	●	●
HP hose reel	●	○	●	○	○	○
Cable / Cabel reel	5 / ○	5 / ○	5 / ○	5 / ○	5 / ○	5 / ○

*Machine with stainless steel heating coiler available

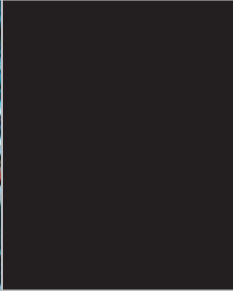
VP = VarioPress Gun

● Standard Accessories

○ Supplementary Accessories

NEPTUNE E

- Electrical heated hot water unit



NEPTUNE E24 / E12

- Pollution free electrical heating
- Heating tank for precise control of temperature and rapid heating of water
- Automatic start/stop extends pump and motor lifetime
- Ceramic pistons for resistance to preheated water and longer lifetime
- WDK dual detergent injection system: self-cleaning valve allows you to select detergent A or B, and adjust concentration. Continual rinsing of the system prevents blockage or mixing of detergents
- SilentPower. 1450 rpm, 4-pole motors = low sound level and extend lifetime of the pump
- Quick Service concept reduces maintenance costs and service time by up to 25%
- Easy to use control panel, all controls on one place
- Ergo accessory system for additional user comfort



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.

The Nilfisk-ALTO NEPTUNE E is thus adapted to food industry or hazardous areas. The NEPTUNE E benefits from many of the same features as the NEPTUNE 5, including WDK dual chemical system, robust steel chassis and frame.

Technical data:	NEPTUNE	
	E24	E12
Pump pressure	bar 150	150
	MPa 15	15
Cleaning Impact	kg/Force 3.8	3.8
Water flow, Qmax/QIEC	l/h 750/720	750/720
Water flow, min.	l/h 200	200
Max. inlet temp.	°C 70	70
Water temp. (water/steam)	°C 30/80	30/80
Power consumption	kW 30	18
Voltage/phase/frequency/ current	V~/Hz/A 400/3/50/74	400/3/50/74
Pump	RPM 1450	1450
Weight	kg 131	131
Dimensions L x W x H	mm 1190 x 702 x 987	1190 x 702 x 987
Cable	m 5	5
HP hose	m/Ø 10/DN8	10/DN8
Standard equipment:		
Ergo 1000 Gun	●	●
Ergo 3000 lance	Universal	Universal
Tornado Plus nozzle	● 0435	● 0435
Full ceramic pistons	●	●

NEPTUNE 4

- Reliable and powerful hot water cleaning



When transport or storage are important, but you need maximum cleaning power and long lifetime, then the NEPTUNE 4 is an optimal solution.

Everyday, tough cleaning tasks have never found a better solution. The Nilfisk-ALTO NEPTUNE 4 line is ideal for users with everyday, tough cleaning tasks, whatever the customer group. Be it cleaning of vehicles, farming areas or equipment or within industrial environments, the NEPTUNE 4 will blast through the dirt. A combination of compact design, mid range power and lifetime...

NEPTUNE 4-54 X
NEPTUNE 4-54
NEPTUNE 4-49 X
NEPTUNE 4-49
NEPTUNE 4-42 X
NEPTUNE 4-42
NEPTUNE 4-30 X
NEPTUNE 4-30

- EcoPower boiler. Low fuel consumption with high heating performance. Efficiency > 92%
- SilentPower. 1450 rpm, NP5 mid range motor pump unit with low noise level
- Steel frame and chassis
- Compact design: Machine is easy to move around and transport from one site to another
- Quick Service concept reduces maintenance costs and service time by up to 25%
- Ease of use; control panel with all controls on one place
- Hose reel (standard on X models)
- Full ceramic piston pump
- Ergo accessory system for additional user comfort



The "Wet-End" makes life easier. Frost-proofing, topping-up the Anti-Stone container, and external detergent transport makes it easy to refill or change detergents.

	NEPTUNE 4-54 X	NEPTUNE 4-54	NEPTUNE 4-49 X	NEPTUNE 4-49	NEPTUNE 4-42 X	NEPTUNE 4-42	NEPTUNE 4-30 X	NEPTUNE 4-30
Technical data:								
Pump pressure	bar	200	200	180	180	170	170	110
	MPa	20	20	18	18	17	17	11
Cleaning Impact	kg/Force	5.4	5.4	4.9	4.9	4.2	4.2	3.0
Water flow, Qmax/QIEC	l/h	1100/1000	1100/1000	950/900	950/900	860/800	860/800	750/700
Water flow, min.	l/h	400	400	400	400	400	400	400
Max. inlet temp.	°C	40	40	40	40	40	40	40
Water temp. (water/steam)	°C	80/140	80/140	80/140	80/140	80/140	80/140	80/140
Flame sensor		○	○	○	○	○	○	○
Power consumption	kW	7.9	7.9	6.9	6.9	5.6	5.6	3.4
Voltage/phase/frequency/ current	V/~/Hz/A	400/3/50/13.5	400/3/50/13.5	400/3/50/12.5	400/3/50/12.5	400/3/50/10.5	400/3/50/10.5	230/1/50/16
Pump	RPM	1450	1450	1450	1450	1450	1450	1450
Sound level - LpA	dB(A)	75	75	75	75	75	75	75
Fuel tank	l	15	15	15	15	15	15	15
Fuel consumption (ΔT = 45 °C) ¹⁾	kg/h	4.9	4.9	4.4	4.4	4.1	4.1	3.5
Detergent tank space	l	10	10	10	10	10	10	10
Weight	kg	140	135	140	135	140	135	140
Dimensions L x W x H	mm	1053 x 685 x 760	1053 x 685 x 760	1053 x 685 x 760	1053 x 685 x 760	1053 x 685 x 760	1053 x 685 x 760	1053 x 685 x 760
HP hose	m/Ø	15/DN8	10/DN8	15/DN8	10/DN8	15/DN8	10/DN8	15/DN6

¹⁾ Calculated value based on the maximum heating power

Standard equipment:

Ergo 1000 Gun	●	●	●	●	●	●	●	●
Ergo 3000 lance	Universal	Universal	Universal	Universal	Universal	Universal	Universal	Universal
Tornado Plus nozzle	● 0500	● 0500	● 0550	● 0550	● 0475	● 0475	● 0550	● 0530
Full ceramic pistons	●	●	●	●	●	●	●	●
HP hose reel	●	○	●	○	●	○	●	○
Cable	5	5	5	5	5	5	5	5

● Standard Accessories ○ Supplementary Accessories

NEPTUNE 3

- Compact hot water



- NEPTUNE 3-41 X
- NEPTUNE 3-41
- NEPTUNE 3-33 X
- NEPTUNE 3-33
- NEPTUNE 3-33 CLASSIC
- NEPTUNE 3-26 X
- NEPTUNE 3-26
- NEPTUNE 3-22

- EcoPower boiler. Low fuel consumption with high heating performance. Efficiency > 92%
- SilentPower. 1450 rpm, 4-pole motors 3 deliver dramatic reductions in sound level compared to 2-pole (2800 rpm) motors and extend the lifetime of the pump
- Quick Service concept reduces maintenance costs and service time by up to 25%
- Compact design: Machine is easy to move around and transport from one site to another
- Ease of use; control panel with all controls on one place
- Hose reel (standard on X models)
- Full ceramic piston pump
- Ergo accessory system for additional user comfort



The innovative compact hot water series ideal for light and medium duty applications in vehicle, transport, manufacturing, trade and agricultural segments.

The Nilfisk-ALTO NEPTUNE 3 series features low running and maintenance costs, robustness, durability and high cleaning efficiency. This compact line shares many of the innovative features of the larger 5, 7 and 8 series. Heating costs are reduced with the award-winning EcoPower boiler system with > 92% heating efficiency. The robust, yet compact design, makes this product easy to transport and fit for use also in tough environments. Sound level is reduced and lifetime extended with a reinforced pump and 1450 rpm motor.



Information and control at your fingertips:

- A single knob controls Start and Stop and Temperature
- Detergent dosing control, which is also self-cleaning for reduced maintenance
- LED indicators for Power, Low Pump Oil, Service Reminder, Low Anti-Stone fluid, and Low Fuel

Technical data:	NEPTUNE 3-41 X	NEPTUNE 3-41	NEPTUNE 3-33 X	NEPTUNE 3-33	NEPTUNE 3-33 CLASSIC	NEPTUNE 3-26 X	NEPTUNE 3-26	NEPTUNE 3-22
Pump pressure	bar	180	180	160	160	160	140	140
	MPa	18	18	16	16	16	14	14
Cleaning Impact	kg/Force	4.1	4.1	3.3	3.3	3.3	2.6	2.2
Water flow, Q _{max} /Q _{IEC}	l/h	825/750	825/750	710/650	710/650	710/650	600/550	600/550
Water flow, min.	l/h	280	280	280	280	280	280	280
Max. inlet temp.	°C	40	40	40	40	40	40	40
Water temp. (water/steam)	°C	80/140	80/140	80/140	80/140	80/140	80/140	80/140
Flame sensor		○	○	○	○	○	○	○
Power consumption	kW	5.2	5.2	4.6	4.6	4.6	3.27	3.27
Voltage/phase/frequency/ current	V/-/Hz/A	400/3/50/9.9	400/3/50/9.9	400/3/50/7.7	400/3/50/7.7	400/3/50/7.7	400/3/50/15.6	230/1/50/15.6
Pump	RPM	1450	1450	1450	1450	1450	1450	1450
Sound level - LpA	dB(A)	75	75	74	74	74	73	72
Fuel tank	l	15	15	15	15	15	15	15
Fuel consumption (ΔT = 45 °C) ¹⁾	kg/h	3.7	3.7	3.2	3.2*	3.2	2.8	2.55
Detergent tank space	l	10	10	10	10	10	10	10
Weight	kg	130	125	130	125	125	125	118
Dimensions L x W x H	mm	1053 x 685 x 760	1053 x 685 x 760	1053 x 685 x 760	1053 x 685 x 760	1053 x 685 x 760	1053 x 685 x 760	1053 x 685 x 760
HP hose	m/Ø	15/DN8	10/DN8	15/DN8	10/DN8	10/DN8	15/DN8	10/DN6

¹⁾ Calculated value based on the maximum heating power

Standard equipment:

Ergo 1000 Gun	● Ergo 1000 VP	● Ergo 1000 VP	●	●	●	●	●	●
Ergo 3000 lance	Tornado	Tornado	Tornado	Universal	Universal	Universal	Universal	Universal
Tornado Plus nozzle	● 0400	● 0400	● 0400	● 0400	● 04**	● 0370	● 0370	● 04**
Full ceramic pistons	●	●	●	●	○	●	●	●
HP hose reel	●	○	●	○	○	●	○	○
Cable	5	5	5	5	5	5	5	5

*Machine with stainless steel heating coil available

**Standard HP nozzle

VP = VarioPress Gun

● Standard Accessories ○ Supplementary Accessories

The accessories, the application, the solutions, the flexibility

(please find further accessories in our main catalogue)

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

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 Ergo system described on next page, it is possible to change accessories in seconds, even without tools.



Simple Short Lance & Short Double Lance

These lances allow you to control the water flow and pressure when working close to the dirt.



Water sandblaster

These accessories make it easy to remove rust, scale and even concrete build-up from surfaces. It can also be used for cleaning or to prepare for painting.



Armex Softblasting

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



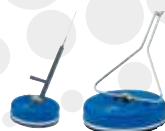
Rotary Brush

The Rotary Brush is driven by the water of your pressure washer, which includes a control for rotation speed and control for pressure and detergent (if an external injector is used). This brush is ideal for cleaning bodywork, windows, etc.



PowerScrub

The PowerScrub is an easy and fast way to clean small or large horizontal or vertical surfaces. Available in 30 cm, 40 cm or 50 cm diameter.



Washing Brush

This brush is ideal for washing trucks, buses and camping trailers. It also includes control for detergent (if an external injector is used).





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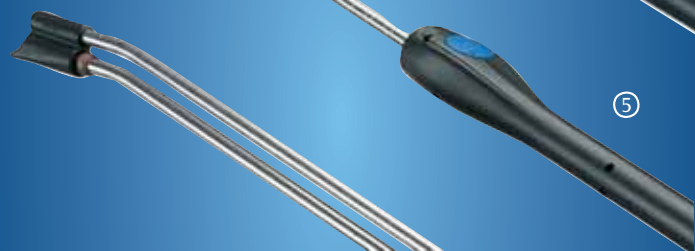
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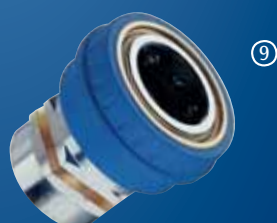
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⑦



⑧



⑨

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

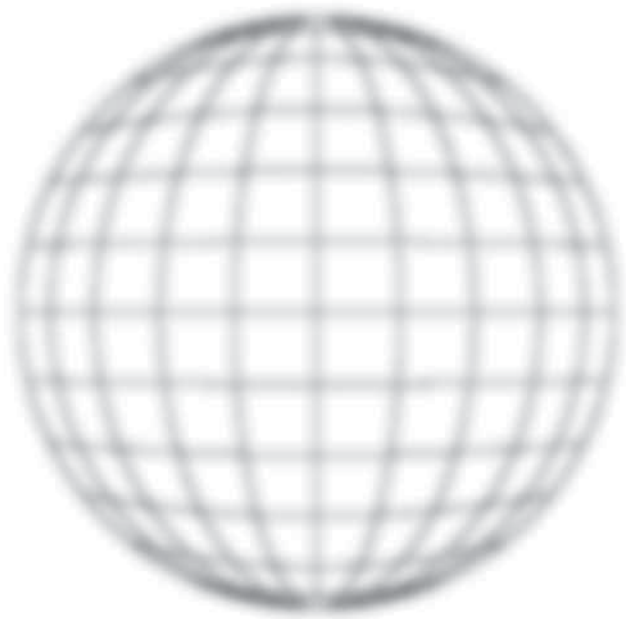
⑨ Ergo 3000 high pressure couplings

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



Professional hot water pressure washers

The performance, the cleanliness, the advantages



- Full power: 105 to 200 bar operating pressure
- High performance: water flow rate of 520 to 2000 l/h
- Robust, reliable long-life
- Absolutely economical regarding purchase and maintenance



Nilfisk-ALTO is a division of the Nilfisk-Advance group, which is the world's largest manufacturer of professional cleaning equipment with a turnover of close to 700 million € and around 3800 employees globally. We are located in all main European countries, North America and Asia with our headquarters in Denmark and manufacturing facilities in China, Denmark, Germany, Hungary, Italy, Sweden and North America.

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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