

HOT WATER - WHY COMPROMISE

professional hot water pressure washers



Gerni
- danish cleaning power



The Gerni NEPTUNE Family

– The most innovative hot water line on the market



The Gerni 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. The NEPTUNE range is equipped with the standard setting EcoPower boiler system, offering low fuel consumption levels and low running costs, combined with low maintenance costs. You just cannot do better than a NEPTUNE.



NEPTUNE 7 ▲



NEPTUNE 5 ▲



NEPTUNE 4 ▲



NEPTUNE 2 ▲



ErgoSystem
Applied Ergonomics

QuickService
Access is the Key

EcoPower
High Performance

NEPTUNE 7

- The solution for industrial tasks



NEPTUNE 7-63

- EcoPower boiler. Low fuel consumption with high heating performance > 92% efficiency
- Constant heat, increase of 80°C possible
- SilentPower. 1450 rpm, 4-pole motors = low sound level and extended 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 in 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
- Flow switch operation protects the machine from dry running as well as relieving pressure from the system during standby
- Tough metal frame
- Fuel level indicator
- External Water-Break Tank
- Constant heat, raise of more than 80°C
- Delayed start/stop for durability
- WDK self-cleaning, A-B detergent valve



Now with Stainless Steel heating coil

Technical data:		NEPTUNE 7-63 301002962
Pump pressure	bar/psi	175/2540
	MPa	17.5
Cleaning Impact	kg/Force	6.3
Water flow, Qmax/QIEC	l/h	1260/1170
Water flow, min.	l/h	400
Max. inlet temp.	°C	40
Water temp. (water/steam)	°C	100/140
Flame sensor		●
Power consumption	kW	8.3
Voltage/phase/frequency/ current	V/~/Hz/A	400/3/50/15
Pump	RPM	1450
Sound level - LpA	dB(A)	76.6
Fuel tank	l	35
Fuel consumption (ΔT = 45 °C) ¹⁾	kg/h	5.6
Detergent tank A+B	l	15+10
Weight	kg	217
Dimensions L x W x H	mm	1190 x 702 x 987
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	● 0680
Full ceramic pistons	●
HP hose reel	○
Cable / Cable reel	5 / ○

● Standard Accessories ○ Supplementary Accessories



design award
winner
2004

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.

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.

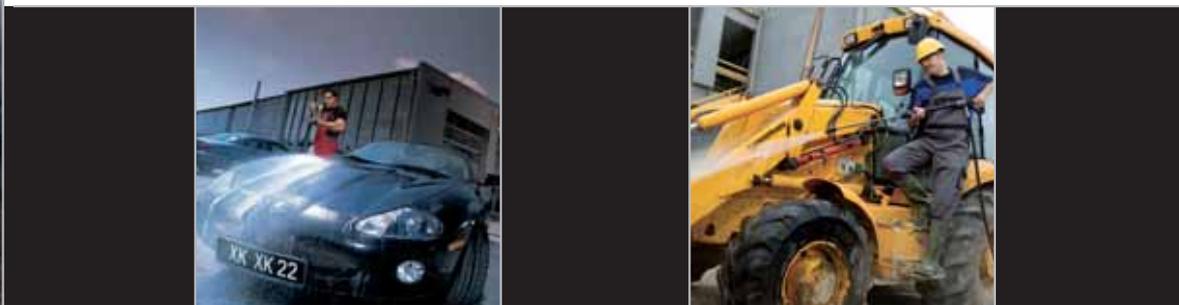
The Heating System

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



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 Gerni NEPTUNE 5 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.

SilentPower
Quiet Impact



The generation of Gerni 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 pistons 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.

Now with Stainless Steel heating coil

NEPTUNE 5-57 X

- Quick Service concept reduces maintenance costs and service time by up to 25%
- SilentPower. 1450 rpm, 4-pole motors = low sound level and extended lifetime of the pump
- Ease of use; control panel with all controls in 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 of 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
- Full ceramic piston pump
- Standard low pump oil alert
- Ergo accessory system for additional user comfort



Technical data:		NEPTUNE 5-57 X 301002961
Pump pressure	bar/psi	200/2900
	MPa	20
Cleaning Impact	kg/Force	5.7
Water flow, Qmax/QIEC	l/h	1080/1000
Water flow, min.	l/h	400
Max. inlet temp.	°C	40
Water temp. (water/steam)	°C	80/140
Flame sensor		●
Power consumption	kW	7.9
Voltage/phase/frequency/current	V~/Hz/A	400/3/50/13
Pump	RPM	1450
Sound level - LpA	dB(A)	74.1
Fuel tank	l	35
Fuel consumption (ΔT = 45 °C) ¹⁾	kg/h	4.8
Detergent tank A+B	l	15+10
Weight	kg	189
Dimensions L x W x H	mm	1190 x 702 x 987
HP hose	m/Ø	20/DN10

¹⁾ Calculated value based on the maximum heating power

Standard equipment:

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

VP = VarioPress Gun

● Standard Accessories

○ Supplementary Accessories

NEPTUNE 4

- Reliable and powerful hot water cleaning



NEPTUNE 4-49 X

NEPTUNE 4-27

- 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



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 Gerni 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...



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 4-27 301002959	NEPTUNE 4-49 X 301002960
Technical data:			
Pump pressure	bar/psi	110/1600	180/2610
	MPa	11	18
Cleaning Impact	kg/Force	2.7	4.9
Water flow, Q _{max} /Q _{IEC}	l/h	660/630	950/900
Water flow, min.	l/h	400	400
Max. inlet temp.	°C	40	40
Water temp. (water/steam)	°C	80/140	80/140
Flame sensor		○	○
Power consumption	kW	3.4	6.9
Voltage/phase/frequency/current	V/~/Hz/A	240/1/50/15	400/3/50/12.5
Pump	RPM	1450	1450
Sound level - LpA	dB(A)	73	77
Fuel tank	l	15	15
Fuel consumption (ΔT = 45 °C) ¹⁾	kg/h	3.5	4.4
Detergent tank	l	10	10
Weight	kg	135.5	136.5
Dimensions L x W x H	mm	1053 x 685 x 760	1053 x 685 x 770
HP hose	m/Ø	10/DN6	15/DN8

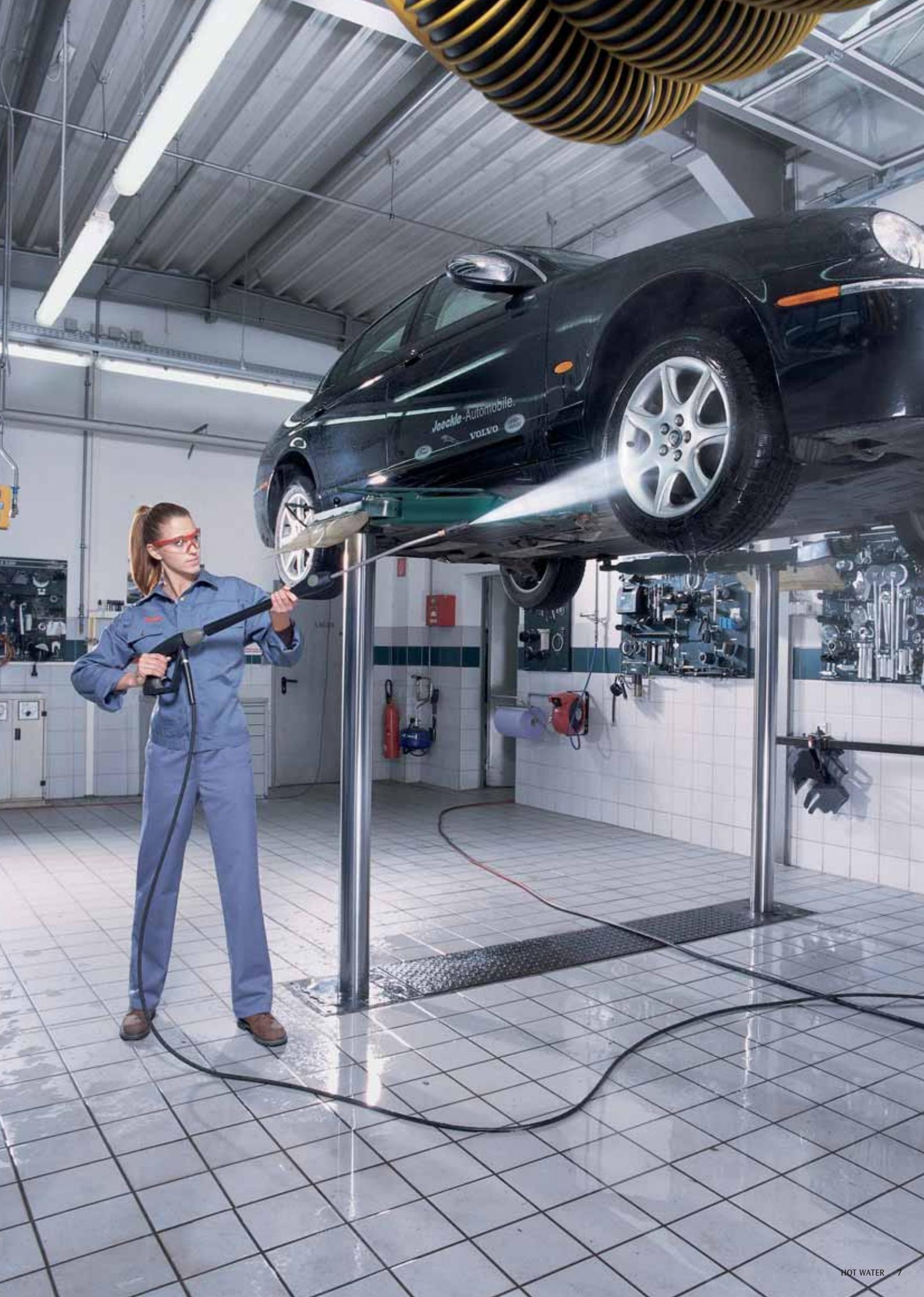
¹⁾ Calculated value based on the maximum heating power

Standard equipment:

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

● Standard Accessories

○ Supplementary Accessories





NEPTUNE 2

NEW

- 16% less fuel
- 26% smaller footprint
- 27% greater running time
- 100% mobility



The new NEPTUNE 2 is the newest offering in our compact class, designed for use by garages, car dealers, tradesmen, small to medium farms and small construction companies.

The Gerni NEPTUNE 2 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.



The control panel is equipped with large, easy to use control buttons controlling on-off, burner on, detergent control, temperature setting. In addition, simple warning and service lamps indicate:

- Motor on/off, indication of motor, flow error
- Low fuel safety function
- Exhaust gas temperature safety
- Service interval

Hose Reel - cable hook

Hose and cables are firmly stored in specially designed hook, or on the optional hose reel.

Two lance holders - accessory storage

Optimal storage of equipment and accessories. Equipment is protected from damage on the machine

Ergo 1000 spray gun - ergonomic handling. Low activation and holding forces on the gun trigger reduce physical strain.

Anti-leak system

The fuel tank is equipped with an 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. Transport in a van or even a smaller commercial vehicle is easy.

Big wheels for good transportability and with good ground clearance. It is easy to move the NEPTUNE 2 around on rough and uneven ground.



NEPTUNE 2

- Unique new vertical design giving new storage and transport possibilities
- Low running and maintenance costs
- Reliability
- Equipped with 20 Sec time delay automatic start/stop
- Unbeatable ergonomics
- Excellent cleaning performance
- Ceramic pistons and brass pump head ensure long working life in hot or cold water modes
- Standard flame sensor and exhaust gas temperature sensor ensure that the machine is protected against burner errors

Technical data:

		NEPTUNE 2-16 107145002	NEPTUNE 2-26 107145008
Pump pressure	bar/psi	100/1450	145/2100
	MPa	10	14.5
Cleaning Impact	kg/Force	1.6	2.6
Water flow, Q _{max} /Q _{IEC}	l/h	450/400	600/530
Water flow, min.	l/h	200	250
Max. inlet temp.	°C	40	40
Water temp. (water/steam)	°C	80/150	80/150
Power consumption	kW	2.2	3.4
Voltage/phase/frequency/current	V/~/Hz/A	240/1/50/10	240/1/50/15
Pump	RPM	2800	2800
Sound level - LpA	dB(A)	77	77
Fuel tank	l	17	17
Fuel consumption (ΔT = 45 °C) ¹⁾	kg/h	1.9	2.6
Detergent tank	l	5	5
Weight	kg	97	97
Dimensions (L x W x H)	mm	607 x 688 x 1000	607 x 688 x 1000
HP hose	m/Ø	10/DN8	10/DN8

¹⁾ Calculated value based on the maximum heating power

Standard equipment:

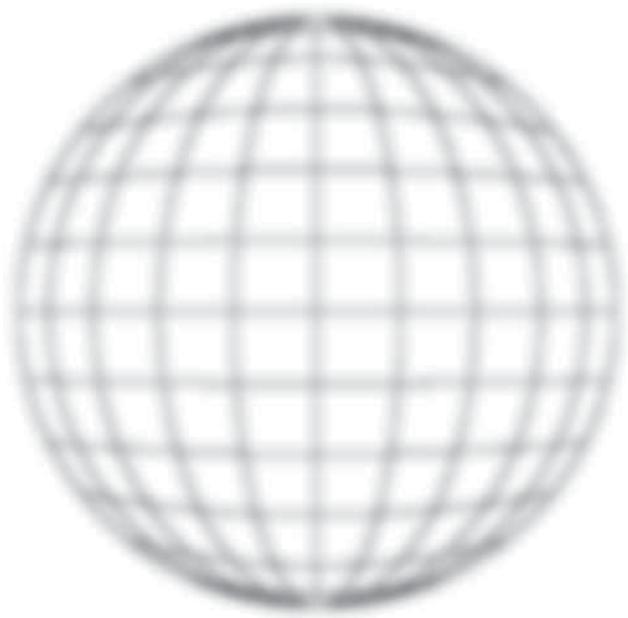
Ergo 1000 Gun	●	●
Ergo 3000 lance	Universal	Universal
Nozzle	● 2503	● (0340) Tornado
Full ceramic pistons	●	●
Antiscale Kit	●	●
HP hose reel	○	○
Cable	5	5

● Standard Accessories

○ Supplementary Accessories



Professional hot water pressure washers The performance, the cleanliness, the advantages



You will obtain the best possible cleaning solution for your installation thanks to...

- Our expertise in planning and installing units
- The most reliable and durable solutions on the market
- A range of options and accessories that enable you to customize the cleaning equipment to satisfy each of your specific needs



Nilfisk-Advance A/S of which Gerni is a division is the number one professional cleaning equipment company with a turnover of 630 million € and 3800 employees. We are located in all main European countries, Australia, 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 to agriculture, automotive and industrial companies, cleaning contractors and private consumers.

Gerni 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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