

A new
generation
of cold water
high pressure
washers

POSEIDON 7, 6 & 5



Nilfisk
ALTO
works for you

This new generation redefines what a industrial cold water pressure washers is

The new generation of industrial cold water pressure washers POSEIDON 5 PA-FA, 6 FA & 7 FA has been developed to meet – and even exceed – your requirements for some of the most demanding and toughest applications.

Reducing the overall cost of cleaning is the objective, and the new range has been studied to optimize :

- Practical and simple: the POSEIDON 5 PA-FA, 6 FA & 7 FA line is intuitive and easy to use, reducing the time spent on installation, preparation or training. Time saved is money saved.
- Ergonomics and handling: less effort is a key benefit. The spraying equipment reduces tiredness and is quick to use. Transport and storage are optimized to save time and space.
- Robust and durable: Industrial quality material and standards mean that the POSEIDON 5 PA-FA, 6 FA & 7 FA lines are well equipped for long term use in even the toughest environments and that they will be long lasting, cost effective partners for your cleaning tasks.



For optimal
and easy
handling

TRANSPORTABILITY

The POSEIDON line is easy to lift thanks to the clear manual lifting points, reducing the strain for easy loading into a vehicle.



1. Transport - folded handle



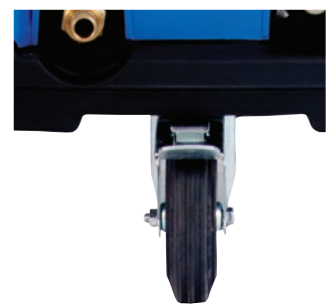
2. All 3 positions



3. Upright position for lifting

The foldable handle reduces the storage or transport space needed in a vehicle or workshop. A vertical position for the handle gives optimum balance for lifting with a crane.

The large, wide rear wheels give excellent ground clearance and great maneuverability even over tough ground. The front castor wheel (except POSEIDON 5-41 PA / XT, 5-53 PA / XT) also allows optimal maneuverability over even ground



**For great
storage and
robustness**



STORAGE

The POSEIDON 5 PA-FA, 6 FA & 7 FA have been carefully elaborated to offer an excellent level of storage facilities for the pressure washer's standard spray equipment.

The electrical cable can be quickly wound around the storage hooks. The lower cable hook rotates to facilitate swift cable removal.

The robust optional hose reel makes storage of the hose simple and also protects the hose from damage.

Space is available for storage of two lances in the lance holders that firmly grip the lances to prevent them falling out during transport.

Once the equipment is stored on the machine, it is easy to store away, taking up less space.

Lastly, the foldable transport handle reduces the space required to store the POSEIDON 5 PA-FA, 6 FA & 7 FA line.

ROBUSTNESS AND DURABILITY

The POSEIDON 5 PA-FA, 6 FA & 7 FA lines are built around a 30 mm steel frame, adding robustness and strength to the product. Rugged yet easy to manoeuvre. Castor wheel versions increase manoeuvrability. The front of the POSEIDON is protected by a robust plastic bumper.



DETERGENT APPLICATION

The POSEIDON 5 PA-FA, 6 FA & 7 FA line (except POSEIDON 5-41 PA / XT, 5-53 PA / XT) are equipped with a two-way detergent suction valve, enabling the user to choose between two different detergents depending on his application. In this way, two different cleaning tasks can be easily solved without the need to return to the preparation site and change chemicals.

The 2 x 2.5 l tanks are easily removable for emptying and filling. It is also easy to see the level of detergent remaining in each tank, thus allowing the user to pre-fill enough detergent before leaving for the work place.



**We bring
you the
solutions**

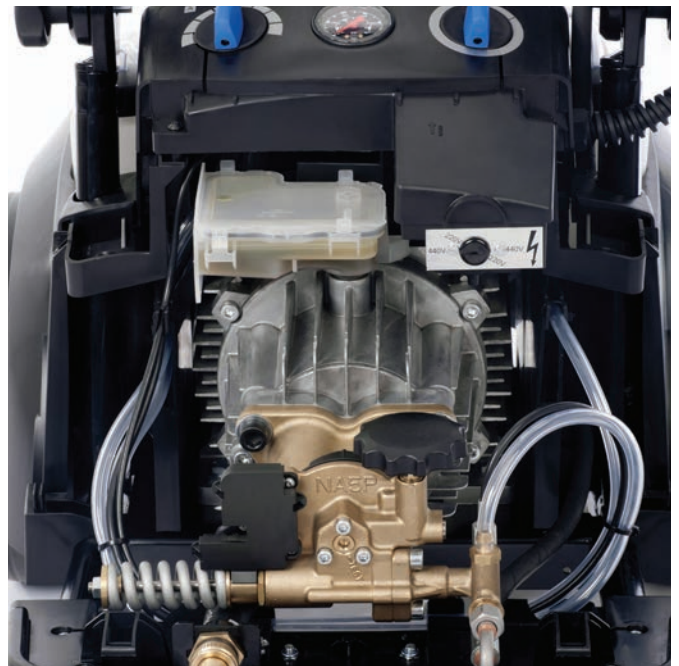


OPTIMAL SERVICE AND MAINTENANCE CONCEPT

All pressure washers require a certain level of maintenance. The service concept on the POSEIDON 5 PA-FA, 6 FA & 7 FA line is aimed at reducing the time needed to make this maintenance – and thus, the cost.

The pump oil level can be easily seen from the outside of the machine – indicating to the user whether the pump contains enough oil before use.

In addition, the POSEIDON 6 FA and 7 FA models are equipped with a Low Pump Oil Safety which cuts out the pressure washer if the level of pump oil is too low – thus protecting the lifetime. It is possible to upgrade the POSEIDON 5 PA-FA with a low pump oil security system.



ACCESSIBILITY

The front cabinet part of the POSEIDON line can be quickly and easily tipped up and removed to give direct access to the motor pump unit, reducing service time and cost.



POSEIDON - fea



*Hose reel or hook for storage
of high pressure hose*

*Robust and solid 30 mm
steel frame*

*All controls in one place
– easy to use*



External oil sight

*Water Flow regulation
at pump head.
(Except on POSEIDON
5-41 and 5-53)*

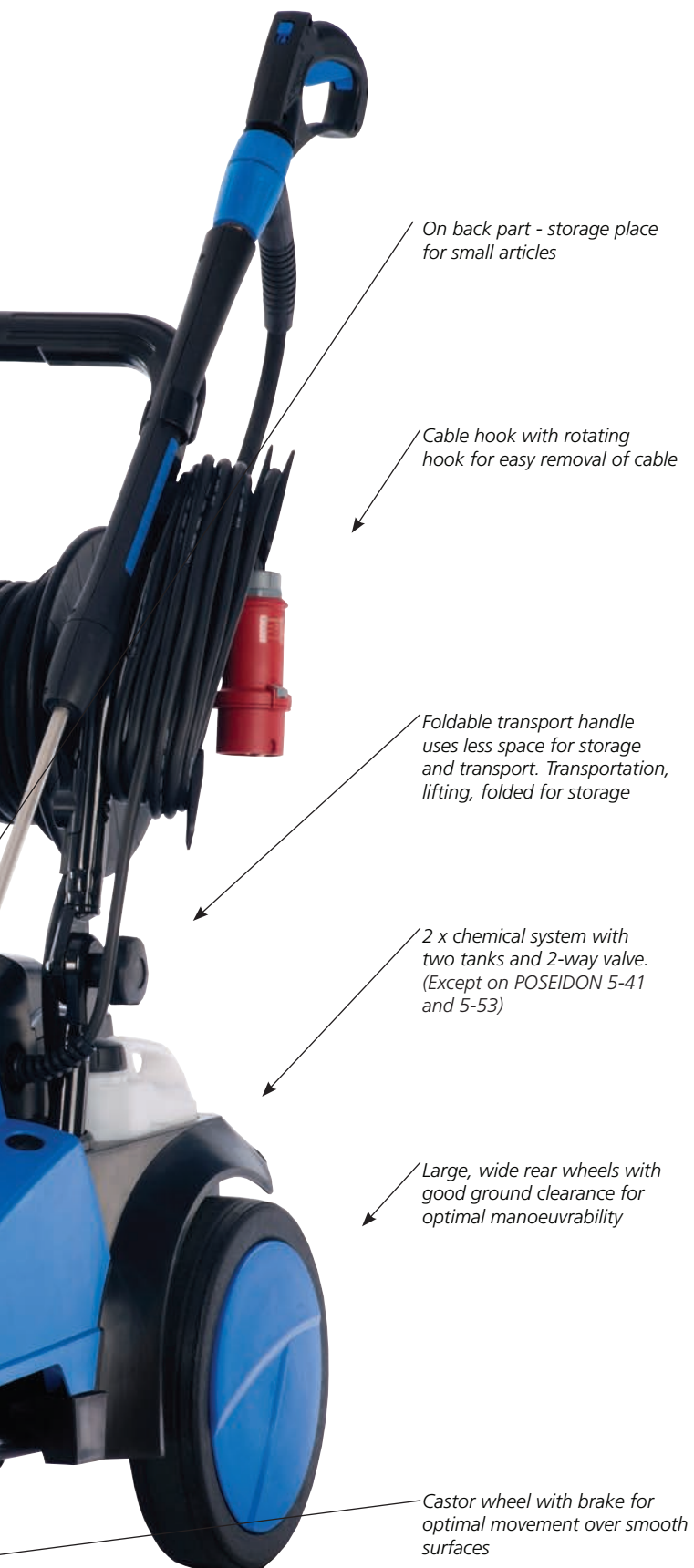


*Water inlet and outlet in one place
– easy to use and move around*

Lifting point for manual lifting



Features overview



**Ergonomic,
durable and
simple**



POSEIDON 5 PA-FA is your most versatile partner

Innovative new mid range cold water pressure washer with ergonomic and robust design and optimal service concept.

The POSEIDON 5 PA-FA mid range cold water pressure washers are the most versatile partners for demanding customers in agriculture, industry, construction and automotive. We have succeeded in combining an unmatched level of mobility and ease of use with unbeatable robustness, optimal service concept and great storage features.

Reducing the overall cost of cleaning is the objective, and the new range has been studied to optimize:

- Tough and sturdy design with 30 mm steel frame
- Optimal storage and transport with foldable handle and easy lifting points
- High mobility with large rear wheels and front castor wheel/foot
- Easy accessibility to pump, optimal service concept
- Ergonomic accessory concept
- Water Flow regulation (on feature level models)

POSEIDON 5 PA-FA is equipped with the NA5 wobble disc pump. 3 ceramic pistons and a reinforced brass pump head for uses up to 4-5 hours per day. The motor pump unit is designed for more intensive use with 1450 rpm, ensuring a low noise level. Available as pressure or flow activated.

PA - Pressure activated system. Self suction possible.

FA - Flow activated system. No self suction possible.

Basic model - POSEIDON 5-41 & 5-53

For those customers wanting the same level of robustness, quality and ease of use, but without a need for additional features. See features under technical data.



”



Feature model - POSEIDON 5-56 & 5-62

For those customers with wider application requirements and needs for transport. Extra working comfort, no risk of motor start/stops in case of leaks. See features under technical data.

”



You can
always
trust your
POSEIDON 5

TECHNICAL DATA	POSEIDON 5-41 PA	POSEIDON 5-41 PAXT	POSEIDON 5-53 PA	POSEIDON 5-53 PAXT	POSEIDON 5-56 PA	POSEIDON 5-56 FA	POSEIDON 5-56 PAXT	POSEIDON 5-62 PA	POSEIDON 5-62 FA	POSEIDON 5-62 PAXT
Pump pressure (bar/MPa)	180/18	180/18	200/20	200/20	200/20	200/20	200/20	220/22	220/22	220/22
Cleaning impact (kg/force)	4.1	4.1	5.3	5.3	5.6	5.6	5.6	6.2	6.2	6.2
Water flow Q _{max} /Q _{iec} (l/h)	840/760	840/760	1000/940	1000/940	1050/960	1050/960	1050/960	1130/1040	1130/1040	1130/1040
Max. inlet temperature (°C)	60	60	60	60	60	60	60	60	60	60
Pump (RPM)	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450
Dimensions L x W x H (mm)	735 x 570 x 1020	890 x 570 x 1020	735 x 570 x 1020	890 x 570 x 1020	735 x 570 x 1020	735 x 570 x 1020	890 x 570 x 1020	735 x 570 x 1020	735 x 570 x 1020	890 x 570 x 1020
Weight (kg)	66	72	71	76	73	73	78	78	79	85
Power consumption (kW)	4.8	4.8	6.1	6.1	6.1	6.1	6.1	7.4	7.4	7.4
Voltage/phase/frequency/ current (V~/Hz/A)	400/3/50/8.5	400/3/50/8.5	400/3/50/11.4	400/3/50/11.4	400/3/50/11.4	400/3/50/11.4	400/3/50/11.4	400/3/50/13.3	400/3/50/13.3	400/3/50/13.3
El cable (m)	5	5	5	5	5	5	5	5	5	5
Suction height dry (m)	1	1	1	1	1		1	1		1
Nozzle size	0400	0400	0500	0500	0500	0500	0500	0530	0530	0530
FEATURES										
Pistons / number of pistons	Ceramic / 3	Ceramic / 3	Ceramic / 3	Ceramic / 3	Ceramic / 3	Ceramic / 3	Ceramic / 3	Ceramic / 3	Ceramic / 3	Ceramic / 3
Automatic start/stop	●	●	●	●	●	●	●	●	●	●
Additional hose and rotary jet lance		●		●			●			●
Detergent tank (l)					1 x 2.5	1 x 2.5	2 x 2.5	2 x 2.5	2 x 2.5	2 x 2.5
Rubber foot	●	●	●	●						
Castor wheel with brake					●	●	●	●	●	●
Hose reel		●		●			●			●
STANDARD EQUIPMENT										
HP hose	301002275 [DN6 x 10 m]	101117763 [DN6 x 15 m]	301002275 [DN6 x 10 m]	101117763 [DN6 x 15 m]	101405770 [DN8 x 10 m]	101405770 [DN8 x 10 m]	301001100 [DN8 x 15 m]	101405770 [DN8 x 10 m]	101405770 [DN8 x 10 m]	301001101 [DN8 x 20 m]
Ergo 2000	106403122	106403122	106403122	106403122	106403122	106403122	106403122	106403122	106403122	106403122
Ergo coupling	101119496	101119496	101119496	101119496	101119496	101119496	101119496	101119496	101119496	101119496
Water inlet coupling	61369	61369	61369	61369	61369	61369	61369	61369	61369	61369
Hose reel		106403143		106403143			106403143			106403143
FlexoPower Plus lance without HP nozzle	106402280	106402280	106402280	106402280						
Tornado Plus lance without HP nozzle					106403010	106403010	106403010	106403010	106403010	106403010
TurboHammer Plus lance with HP nozzle		106403002		106403003			106403003			106408220
Tornado Plus nozzle	101119738	101119738	101119741	101119741	101119741	101119741	101119741	101119742	101119742	101119742
ITEM NO.	107146705	107146708	107146727	107146728	107146711	107146714	107146716	107146718	107146721	107146722

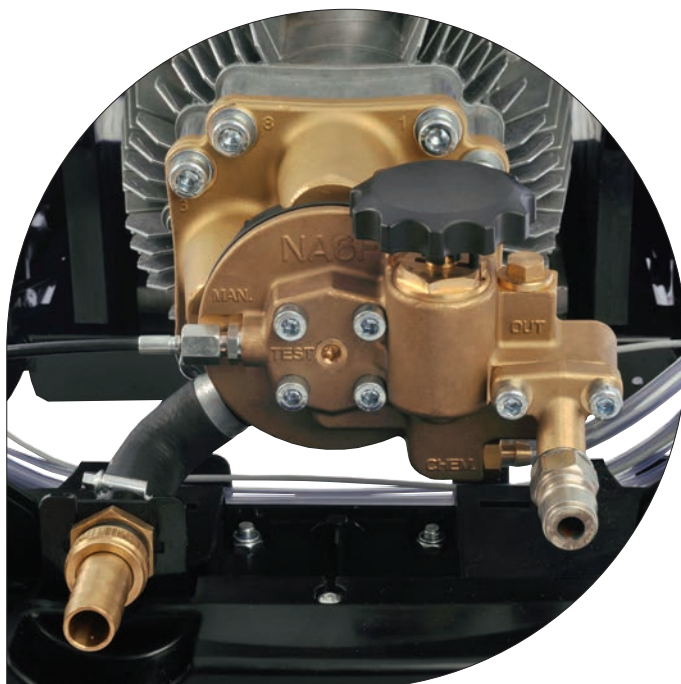
POSEIDON 6 FA gives you performance, life-time and ergonomics

Innovative premium class cold water pressure washer with ergonomic and robust design, new industrial NA6 pump and optimal service concept

The POSEIDON 6 FA industrial class cold water pressure washers finally bring together unbeatable lifetime, high cleaning performance and optimal ergonomics for the most all-round and competitive range of heavy duty pressure washers for industry, agriculture, shipping, transport sector and food industry.

Reducing the overall cost of cleaning is the objective, and the new range has been studied to optimize:

- NA6 4 ceramic piston pump with 80°C inlet temp
- Tough and sturdy design with 30 mm steel frame
- Optimal storage and transport with foldable handle and easy lifting points
- High mobility with large rear wheels and front castor wheel with brake
- Easy accessibility to pump, optimal service concept
- Ergonomic accessory concept
- Flow activated control system
- Low pump oil safety function
- Water Flow regulation on pump



POSEIDON 6 FA is equipped with the new **NA6 wobble disc pump**. 4 ceramic pistons for intense use above 5 hours per day. Developed using industrial construction (double roller bearings), the NA6 pump is inspired by the traditional C3 pump and offers a max inlet temperature of 80°C, meaning that the POSEIDON 6 FA can be fed with hot water and used as a hot water pressure washer, thus reducing cleaning time in many applications! The motor is also running at 1450 rpm for long lifetime and low noise level. It's flow activated control system ensures absence of pressure in the spray equipment and pump head during work pauses – improving working comfort, safety and avoiding potential motor burn-outs in cases of leaks.



**High class
productivity &
ergonomics in
one package**



TECHNICAL DATA	POSEIDON 6-64 FA	POSEIDON 6-64 FAXT	POSEIDON 6-65 FA	POSEIDON 6-65 FAXT	POSEIDON 6-79 FA	POSEIDON 6-79 FAXT	POSEIDON 6-61 FFA
Pump pressure (bar/MPa)	250/25	250/25	180/18	180/18	170/17	170/17	100/10
Cleaning impact (kg/force)	6.4	6.4	6.5	6.5	7.9	7.9	6.1
Water flow Qmax/Qiec (l/h)	1100/1000	1100/1000	1300/1200	1300/1200	1600/1500	1600/1500	1600/1500
Max. inlet temperature (°C)	80	80	80	80	80	80	80
Pump (RPM)	1450	1450	1450	1450	1450	1450	1450
Dimensions L x W x H (mm)	775 x 570 x 1020	930 x 570 x 1020	775 x 570 x 1020	930 x 570 x 1020	775 x 570 x 1020	930 x 570 x 1020	775 x 570 x 1020
Weight (kg)	89	96	86	93	89	96	80
Power consumption (kW)	8.5	8.8	7.4	7.4	8.8	8.8	5.7
Voltage/phase/frequency/ current (V~/Hz/A)	400/3/50/15	400/3/50/15.5	400/3/50/14.5	400/3/50/14.5	400/3/50/16	400/3/50/16	400/3/50/10
El cable (m)	8	8	8	8	8	8	8
Suction height dry (m)	1	1	1	1	1	1	1
Nozzle size	0475	0475	0700	0700	1100	0950	1300
FEATURES							
Pistons / number of pistons	Ceramic / 4	Ceramic / 4	Ceramic / 4	Ceramic / 4	Ceramic / 4	Ceramic / 4	Ceramic / 4
Automatic start/stop	●	●	●	●	●	●	●
Low pump oil safety	●	●	●	●	●	●	●
Water flow regulation	●	●	●	●	●	●	●
Additonal hose and rotary jet lance		●		●		●	
Detergent tank (l)	2 x 2.5	2 x 2.5	2 x 2.5	2 x 2.5	2 x 2.5	2 x 2.5	2 x 2.5
Hose reel		●		●		●	
STANDARD EQUIPMENT							
HP hose (DN10)	6101766 [10 m]	1402064 [15 m]	6101766 [10 m]	1402064 [15 m]	6101766 [10 m]	1402064 [15 m]	6101767 [10 m]
Ergo 2000	106403122	106403122	106403122	106403122	106403122		106403122
Ergo 3000						106402190	
Ergo coupling	101119496	101119496	101119496	101119496	101119496	101119496	101119496
Water inlet coupling	61369	61369	61369	61369	61369	61369	61369
Hose reel		106403143		106403143		106403143	
Tornado Plus lance without HP nozzle	106403010	106403010	106403010	106403010	106403010	106403014	106403010
TurboHammer Plus lance with HP nozzle		106402291		106402294		XXXXXXX	
Tornado Plus nozzle	301150005	301150005	101119748	101119748	10111956	101117655	10111960
ITEM NO.	107146751	107146758	107146752	107146759	107146755	107146761	107146763

POSEIDON 7 FA is renowned industrial quality in an ergonomic design

Innovative premium class cold water pressure washer with ergonomic and robust design, renowned industrial C3 pump and optimal service concept.

The POSEIDON 7 FA industrial class cold water high pressure washer combines the renowned lifetime and quality of the C3 pump with optimal ergonomics to bring an unbeatable heavy duty pressure washer for industry, agriculture, shipping, transport sector and food industry.

- C3 4 ceramic piston pump with 85°C inlet temp
- Tough and sturdy design with 30 mm steel frame
- Optimal storage and transport with foldable handle and easy lifting points
- High mobility with large rear wheels and front castor wheel with brake
- Easy accessibility to pump, optimal service concept
- Ergonomic accessory concept
- Flow activated control system
- Low pump oil safety function
- Water Flow regulation on pump



The POSEIDON 7 FA is still equipped with the renowned, industrial class, **C3 pump** based on a tough 4 piston pump construction, double roller bearings, flow activated control system and 1450 rpm motor. Capable of accepting inlet water up to 85°C, the C3 pump has also been tested in the field using salt water: it is clearly up to even the most harsh uses.

The result for you is better distribution of the workload in the pump, which reduce machine vibration and gives you a smoother performance.

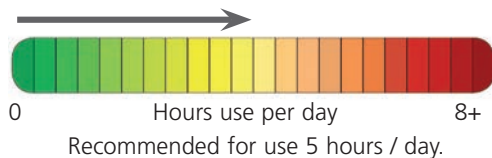


This is the
ultimate
industrial
pump

TECHNICAL DATA	POSEIDON 7-67 FA	POSEIDON 7-67 FAXT	POSEIDON 7-67 FFA	POSEIDON 7-67 FBFA
Pump pressure (bar/MPa)	195/19.5	195/19.5	195/19.5	195/19.5
Cleaning impact (kg/force)	6.7	6.7	6.7	6.7
Water flow Qmax/Qiec (l/h)	1280/1180	1280/1180	1280/1180	1280/1180
Max. inlet temperature (°C)	85	85	85	70
Pump (RPM)	1450	1450	1450	1450
Dimensions L x W x H (mm)	775 x 570 x 1020	930 x 570 x 1020	775 x 570 x 1020	930 x 649 x 1020
Weight (kg)	89	95	89	94
Power consumption (kW)	8	8	8	8
Voltage/phase/frequency/ current (V~/Hz/A)	400/3/50/14	400/3/50/15	400/3/50/14	400/3/50/14
El cable (m)	8	8	8	8
Suction height dry (m)	1	1	1	1
Nozzle size	0680	0680	0680	0680
FEATURES				
Pistons / number of pistons	Ceramic / 4	Ceramic / 4	Ceramic / 4	Ceramic / 4
Automatic start/stop	●	●	●	●
Low pump oil safety	●	●	●	●
Water flow regulation	●	●	●	●
Water brake tank				●
Detergent injector (external)				●
Detergent tank (l)	2 x 2.5	2 x 2.5	2 x 2.5	2 x 2.5
Additional hose and rotary jet lance		●		
Hose reel		●		
STANDARD EQUIPMENT				
HP hose (DN10)	6101766 [10 m]	1402064 [15 m]	6101767 [10 m]	6101767 [10 m]
Ergo 2000	106403122	106403122	106403122	106403122
Ergo coupling	101119496	101119496	101119496	101119496
Water inlet coupling	61369	61369	61369	61369
Hose reel		106403143		
Tornado Plus lance without HP nozzle	106403010	106403010	106403010	106403010
TurboHammer Plus lance with HP nozzle		106402294		
Tornado Plus nozzle	101119747	101119747	101119747	101119747
ITEM NO.	107146800	107146801	107146802	107146812

The Guide

POSEIDON 5-41 PA / XT and 5-53 PA / XT are medium duty cold water high pressure washers for you who only need simple high pressure cleaning.

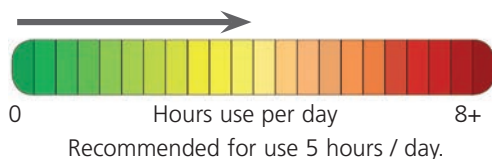


- High and low pressure adjustment at lance
- Stable and robust front foot
- See models, technical data and features 9



POSEIDON 5-41 PA / XT & 5-53 PA / XT are available with or without hose reel

POSEIDON 5-56 PA-FA / XT and 5-62 PA / XT are medium duty cold water high pressure washers with additional features for wider applications and more mobility.



- High and Low Pressure adjustment at lance
- Water flow regulation at pump head
- 2 way detergent valve
- Front castor wheel with brake for additional mobility
- See models, technical data and features at page 9



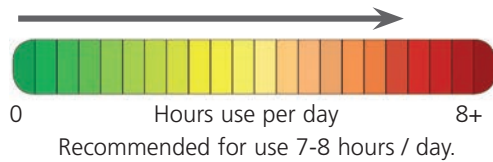
POSEIDON 5-56 PA-FA / XT & 5-62 PA / XT are available with or without hose reel

There are
cheaper
washers, but
can you afford
them?



The Guide

POSEIDON 6 FA and 7 FA are heavy duty cold water high pressure washers for the most intense uses and for wide applications.



- High and Low Pressure adjustment at lance
- Water flow regulation at pump head
- 2 way detergent valve and 2 detergent tanks
- Low pump oil safety system
- Up to 85°C inlet water temperature
- Flow activated control system
- Front castor wheel for additional mobility
- Model for Food Industry available (stainless steel frame, non-marking wheels and hose, food industry grade oil)
- See models, technical data and features for POSEIDON 6 FA at page 11 and POSEIDON 7 FA at page 13

The Food Industry segment requires special equipment to ensure optimal hygiene levels.

POSEIDON 6 FFA and 7 FFA models are equipped with a stainless steel, non rusting frame and grey, non marking wheels and hose to protect the working environment.

The POSEIDON 7 FBFA food industry model includes an additional water brake tank and external detergent injector ensuring full separation from the water network and the possibility to apply foam or special detergents.



POSEIDON 6 FA - available with (XT) or without hose reel, also as a FFA version.



POSEIDON 7 FAXT - available with (XT) or without hose reel, also as a FFA and a FBFA version.



POSEIDON 7 FFA



POSEIDON 7 FBFA with water brake tank and foam injector

Accessory kits for POSEIDON 5 PA-FA, 6 FA and 7 FA

ITEM NO.	DESCRIPTION	POSEIDON 5 PA-FA	POSEIDON 6 FA	POSEIDON 7 FA
101118105	Hose guide, complete for hose reel	☐	☐	☐
106403142	Sandfilter kit with stainless steel bracket for POSEIDON without water brake tank	☐	☐	☐
106403143	Hose reel kit, incl. connection hose exc. high pressure hose and gun	☐	☐	☐
106403144	Water brake tank kit, incl. stainless steel bracket	☐	☐	☐
106403145	Front wheel kit, incl. brake	☐	☐	☐
106403160	Crane roundsling 1000 kg - 50 cm	☐	☐	☐
106403162	Detergent tank with safety cap, 2.5 l	☐	☐	☐
106403165	Sandfilter incl. stainless steel bracket for POSEIDON with water brake kit	☐	☐	☐
106403166	Low pump oil safety function POSEIDON	☐		

There is a
POSEIDON
for all needs

Have you found
the POSEIDON
that fullfill your
needs?



POSEIDON 5 PA / XT
POSEIDON 5 FA / XT



POSEIDON 6 FA / XT



POSEIDON 7 FA / XT



POSEIDON 7-67 FFA

The Nilfisk-ALTO brand is owned by Nilfisk-Advance A/S, one of the world's leading manufacturers and suppliers of professional cleaning equipment.

With global company headquarters in Denmark, the company has developed professional cleaning equipment for over 100 years. Nilfisk-Advance has production facilities in North America, South America, Europe, and China, and has an extensive network of sales entities in 43 countries and is represented in more than 100 countries around the world.

The company currently has around 5400 employees worldwide, with global sales of approx. Euro 771 million in 2010.

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

We are committed to the highest level of Corporate Responsibility. We develop cleaning solutions that provide you with cleaning efficiency while using less energy, less water and less detergent, so that you can focus on doing your job.

With the Nilfisk-ALTO brand we focus on innovation and growth. We believe in developing and main-taining long lasting relationships with our customers, suppliers and employees

green
meets
clean

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