

MH series

High pressure washers with hot benefits



MH series gives you performance, long life-time and ergonomics

Innovative hot water pressure washer units with ergonomic and robust design

The MH series is equipped with our industrial pumps with 3-4 ceramic pistons and 4 pole motor. The machines are ideal for all hot water commercial and industrial cleaning tasks. Due to the EcoPower™ boiler they offer ideal and best in class efficient performance level for general hot water cleaning. Furthermore, the flow activated control system improves user comfort and handling as well as overall machine reliability.

Service and maintenance can be carried out quickly, as all vital parts are easy to inspect and reach. Also, the diagnostics function showed in the panel will give maintenance warnings to minimize any downtime.

The MH series concept ensures high mobility and easy transport across a wide variety of surface types thanks to the 4 large wheels and great balance.

- High efficiency 4 pole motors
- EcoPower™ boiler with EcoMode function
- Brass pump head
- Large inlet water filter protects pump against impurities
- 3-4 ceramic pistons
- Flow- or pressure activated unloader system
- Oil tank and oil level sight
- Low pump oil warning system
- Low fuel warning system
- Onboard diagnostics function
- Innovative design with 4 big wheels
- Easy to transport, can even be pushed/pulled across uneven surfaces



High pressure detergent system on most models, one or two detergent tanks depending on the model chosen



Storage box and easy access to adjustable AntiScale boiler protection system



Optimal accessory storage - double lance holder, rotating hook for easy removal of electrical cable, innovative spray gun holder and detergent tank storage



Easy access to fuel tank with simple and easy level sight to avoid running short of fuel

High mobility thanks to the 4 large wheel design base. Maneuver and transport across any type ground surface from smooth to rough



Optimal accessibility:

Ease of handling is optimized fully – both in use and storage with easy visibility of all control functions also from a distance

Easy access to all control elements even when in a stationary installation

Innovative spray gun holder

Easy storage of detergent tanks

Robust wheel brake to block the machine in position

Foot plate to easily kip and tilt the machine for added maneuverability



Nilfisk EcoPower™ clears the way to quicker cleaning

Make your move and take on some of the most demanding cleaning tasks with the MH series. Higher efficiency and quicker cleaning are the by words to the improved fuel saving EcoPower™ boiler system.

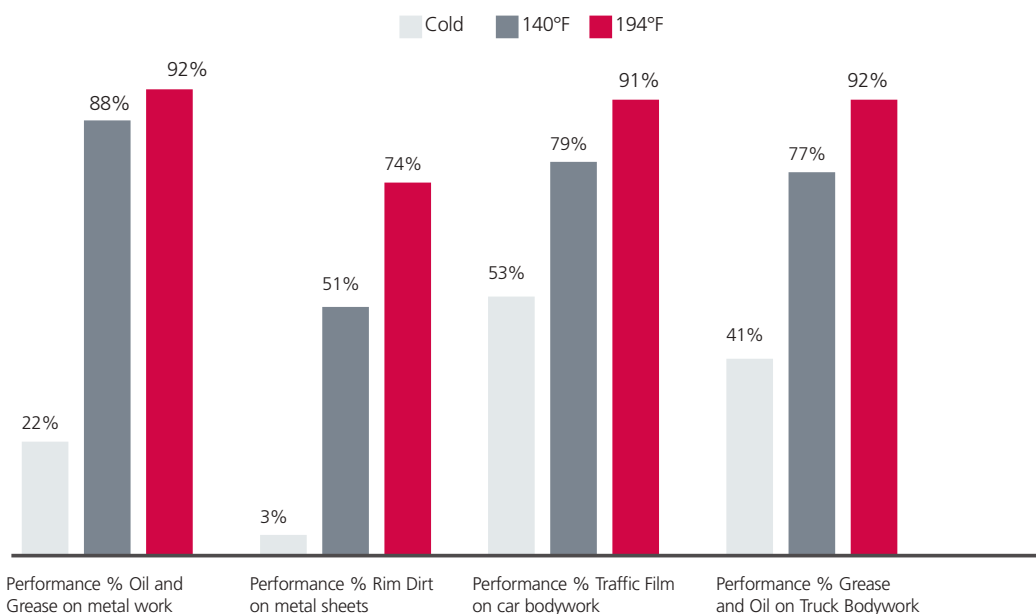
We have worked extensively with the WfK Institute in Germany (investigation WL 6203/12 of WfK Testing Institute) in studying the cleaning effect of different parameters on cleaning efficiency for different types of applications and dirt types such as oil, grease, traffic film and rim dirt on surfaces like metal and vehicle bodywork.

The results allow us to identify best practice cleaning methods in order to reduce cleaning time. Our studies show clearly that the use of hot water implies a major gain in cleaning efficiency for some applications.

Cleaning time can be reduced by 4 for cleaning of oil and grease from metallic surfaces when using 140°F water instead of cold water. This reduces labor, water and electrical costs by 4 reducing the total cost of use of a pressure washer significantly.

The Nilfisk EcoPower™ boiler offers the users the benefit of the highest efficiency levels in the market – between 92 and 93%** efficient and at the same time saving fuel costs. This efficiency level is recognized and approved by the EUnited.

Effect of Temperature on cleaning performance *



*investigation WL 6203/12 of WfK Testing Institute

** Nilfisk boilers have been certified as high efficiency boilers by EUnited - a guarantee of their high performance and low run costs.

EcoMode

The MH series has the possibility of cleaning in an EcoMode. This setting adjusts the boiler to its most efficient setting for a wide range of applications such as car cleaning, cleaning of protein rich material such as blood or animal waste.







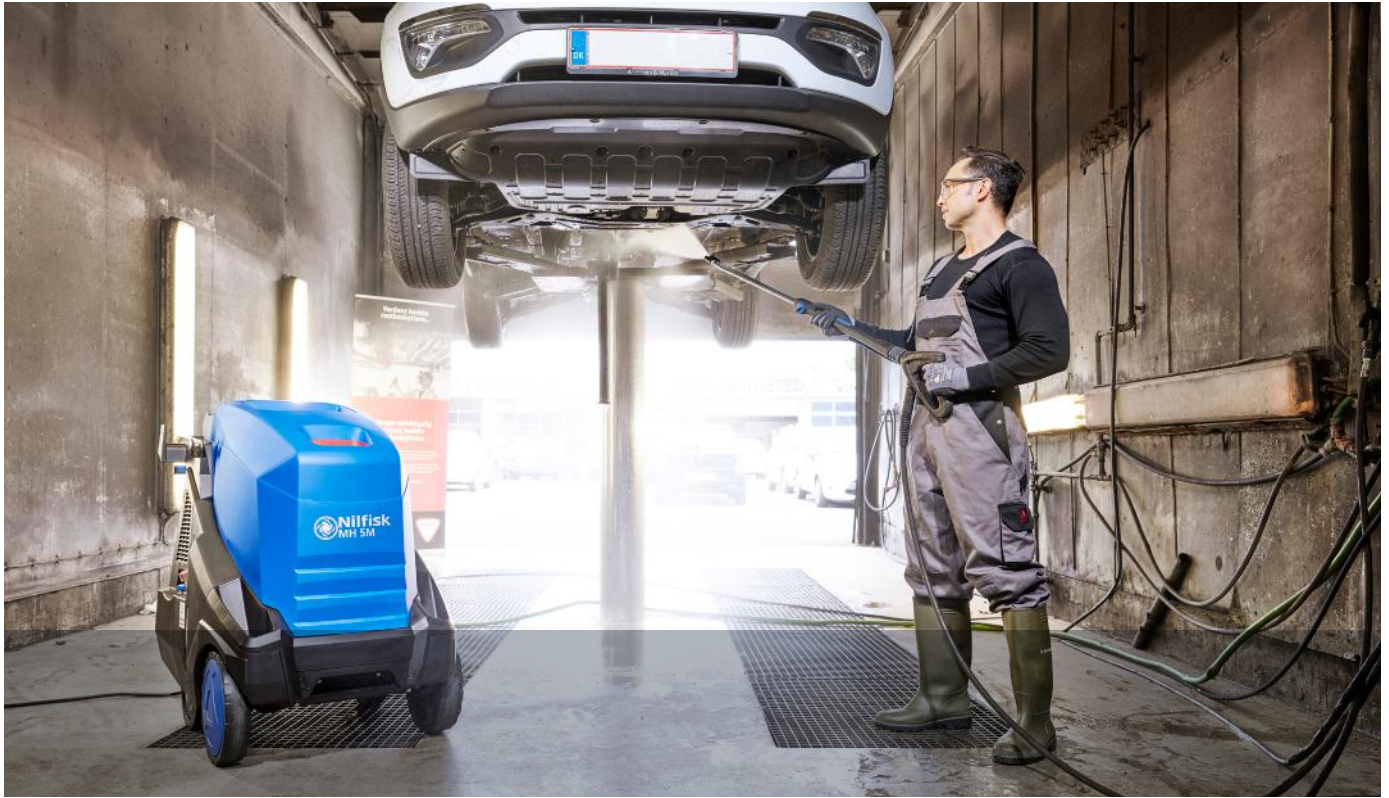
MH 3M optimal ergonomics, reliable cleaning

TECHNICAL DATA	MH 3M-2000/2,6 PA
Pump pressure (psi)	2000
Water flow (gpm)	2.6
Water flow max (gpm)	2.6
Water temperature (water/steam) (°F)	210
Motor horsepower	4.0
Cleaning impact (approx. lb@12")	6
Pump (RPM)	1750
High pressure hose (ft)	50
Burner fuel tank (gal)	4
Detergent tank (gal)	1 x 2.6
Power cord (ft)	35
Voltage/phase/current (V/Ph/A)	230/1/20
Power frequency (Hz)	60
Dimensions LxWxH (in)	40 x 28 x 40
Weight (lb)	318
ITEM NO.	107146902



MH 4M gives you performance, long life-time and ergonomics

TECHNICAL DATA	MH 4M-2800/3,8 FA	MH 4M-3000/4,2 FA
Pump pressure (psi)	2800	3000
Water flow (gpm)	3.5	3.8
Water flow max (gpm)	3.8	4.2
Water temperature (water,steam) (°F)	210/302	210/302
Motor horsepower	8.3	10
Cleaning impact (approx. lb@12")	10	11
Pump (RPM)	1750	1750
High pressure hose (ft)	50	50
Burner fuel tank (gal)	4	4
Detergent tank (gal)	1 x 2.6	1 x 2.6
Power cord (ft)	35	35
Voltage/phase/current (V/Ph/A)	230/1/30	230-460 /3/ 30-20
Power frequency (Hz)	60	60
Dimensions LxWxH (in)	40 x 28 x 40	40 x 28 x 40
Weight (lb)	340	340
ITEM NO.	107146913	107146914



MH 5M High performance, long life & optimal portability

TECHNICAL DATA	MH 5M-3000/4,2 PA	MH 5M-3000/4,8 PA
Pump pressure (psi)	3000	3000
Water flow (gpm)	3.8	4.6
Water flow max (gpm)	4.2	4.8
Water temperature (water/steam) (°F)	210/302	210/302
Motor horsepower	9.4	10.7
Cleaning impact (approx. lb@12")	11	13
Pump (RPM)	1750	1750
High pressure hose (ft)	50	50
Burner fuel tank (gal)	8	8
Detergent tank (gal)	2 x 2.6	2 x 2.6
Power cord (ft)	35	35
Voltage/phase/current (V/Ph/A)	230/1/30	230-460 /3/ 30-20
Power frequency (Hz)	60	60
Dimensions LxWxH (in)	47 x 28 x 41	47 x 28 x 41
Weight (lb)	410	410
ITEM NO.	107146943	107146944



MH 7P Heavy duty and efficient hot water cleaning for intense use

TECHNICAL DATA

	MH 7P-2500/5,0 FA	MH 7P-3000/5,4 FA
Pump pressure (psi)	2500	3000
Water flow (gpm)	4.7	5.2
Water flow max (gpm)	5	5.4
Water temperature (water/steam) (°F)	210/302	210/302
Motor horsepower	9.4	11.1
Cleaning impact (approx. lb@12")	12	15
Pump (RPM)	1750	1750
High pressure hose (ft)	50	50
Burner fuel tank (gal)	8	8
Detergent tank (gal)	2 x 2.6	2 x 2.6
Power cord (ft)	35	35
Voltage/phase/current (V/Ph/A)	230/1/30	230-460 /3/ 30-20
Power frequency (Hz)	60	60
Dimensions LxWxH (in)	47 x 28 x 42	47 x 28 x 42
Weight (lb)	455	455
ITEM NO.	107146987	107146986

Optimal maneuverability



Optimal maneuverability and ease of transport – the new design with improved center of gravity, layout of parts and 4 large wheel design base improves maneuverability over all types of surface.

After years of studying the maneuverability of hot water cleaners across many different surfaces types and in many situations, a new, innovative wheel layout and other component bases allows the MH range to be easily pushed and pulled across all surface types on construction sites and in agriculture.

Transport functions are greatly improved, making movement of the products much easier:

- The 4 wheel design with large wheels, off-set to improve both ground clearance, balance and maneuverability in movement
- Indication of spaces under chassis for transport via forklift
- Fixation points for straps to secure the machine during transport in vans & trailers



Tough and efficient - Which MH is right for you?



MH 3M



MH 4M



MH 5M



MH 7P

For sales in the USA
Nilfisk (HPW Division)
7300 Commercial Circle, Fort Pierce, FL 34951
Tel.: 772-461-4486
pressurewashers@nilfisk.com
www.NilfiskHPW.com

Nilfisk A/S
Kornmarksvej 1 · DK-2605 Brøndby · Denmark
Tel.: +45 43 23 81 00 · Fax: +45 43 43 77 00
mail.com@nilfisk.com
www.nilfisk.com

