

Optimal ergonomics and reliable cleaning

The MH 3M series takes mid-range hot water high pressure washers to a new level, meeting the latest productivity demands in the market. The MH 3M is equipped with our industrial NA4 pump with 3 ceramic coated pistons and a high efficiency 4 pole motor. It offers ideal performance levels for general hot water cleaning.

The MH 3M is ideal for all hot water commercial and light industrial cleaning tasks and it offers higher efficiency and quicker cleaning thanks to the improved fuel saving EcoPower boiler system. Furthermore, service and maintenance can be carried out quickly, as all vital parts are easy to inspect and reach.




The MH 3M concept ensures the most optimal transport concept across a wide variety of surface types with the 4 large wheels and great balance. Optimal accessory storage facilities with double lance holders, turnable hook for easy removal or winding of electrical cable, innovative spray gun holder and easy storage of detergent tanks. Together with the quick service access to all vital parts, this series will provide remarkable cleaning results, saved time and reduced costs.



Picture shown may not represent model quoted







- High efficiency 4 pole motors
- EcoPower boiler with EcoMode function
- Brass pump head 3 ceramic coated pistons
- Pressure activated unloader system
- Simple fuel level sight
- Easy access to components
- Easy pump oil service functions with tank and oil sight
- Innovative design with 4 big wheels
- Easy to transport, can easily be pushed/pulled across uneven surfaces

• Standard equipment

Included accessories	Ref. no.	Min. required	MH 3M-100/600 PA 230/1/50 UK	MH 3M-140/580 PAX 230/1/50 EU
Ergo System Coupling and Adapter				
 ERGO COUPLING KIT	101119496	0	•	•
High Pressure Female Coupling				
 HOSE NOZZLE 20R3/4	61369	0	•	•
High Pressure Hose, DN6				
 HOSE DN6 15 M 1W - 3/8-QC	6528613	0		
HP HOSE DN6X10M QC 3/8IN NILFISK HW	101406069	0	•	•
Hose Reel				



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Included accessories		Ref. no.	Min. required	MH 3M-100/600 PA 230/1/50 UK	MH 3M-140/580 PAX 230/1/50 EU
	HOSE REEL NILFISK ACCESSORY	106403184	0		
Spray Gun					
	ERGO 2000 STANDARD W. HOSE SWIVEL	106403122	0	•	•
Universal Lance					
	UNIVERSAL PLUS LANCE 940 BEND W/O NOZZ	106403036	0	•	•
Tornado Nozzle with Indication Ring					
	NOZZLE 0370 INDICATION RING BRONZE	101119737	0		•
	NOZZLE 0400 INDICATION RING METAL GREY	101119738	0		
	NOZZLE 0450 INDICATION RING LIGHT BLUE	101119740	0	•	

Model	MH 3M-100/600 PA 230/1/50 UK	MH 3M-140/580 PAX 230/1/50 EU
Ref. no.	107146897	107146896

PRODUCT FEATURES

Single-phase	•	•
Three phase		
EcoPower boiler-high efficiency	•	•
SilentPower - 1450 rpm motor	•	•
QuickService - innovative concept	•	•
Ergo accessory system	•	•
Parking brake	•	•
Brass cylinder head	•	•
Ceramic coated pistons	•	•
Fuel tank	•	•



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Model	MH 3M-100/600 PA 230/1/50 UK	MH 3M-140/580 PAX 230/1/50 EU
Ref. no.	107146897	107146896

PRODUCT FEATURES











Delayed automatic start stop	•	•
Water break tank	•	•
Flame sensor	•	•
1 x detergent injector	•	•
Lance holder	•	•
Spray Gun Holder	•	•
Cable Hook, turnable	•	•
Detergent tank 10 ltr.	•	•
Fuel tank 15 ltr.	•	•
Fuel sight from outside	•	•
ECO mode feature	•	•
2 lance holder	•	•
Large wheel - 4 pcs.	•	•
Anti Stone	•	•
Storage box	•	•

Technical specifications	MH 3M-100/600 PA 230/1/50 UK	MH 3M-140/580 PAX 230/1/50 EU
Pump pressure (bar/MPa)	100/10	140/14
Cleaning impact (kg/force)	2.4	2.8
Pump (RPM)	1450	1450
Power consumption (kW)	2.8	3.6
Voltage/phase/frequency/current (V~/Hz/A)	230/1/50/12.5	230/1/50/16
Water flow Qmax/Qiec (l/h)	600/600	580/580
Water temperature (water/steam) (°C)	80	80
El cable (m)	5	5
Fuel consumption at $\Delta T=45^{\circ}\text{C}$ (kg/h)	2.7	2.6
Fuel tank (l)	15	15
Nozzle size	.0450	.0370
Max. inlet temperature (°C)	40	40
Ceramic coated pistons	3	3
Length x width x height (mm)	1010x700x1016	010x700x1016
Weight (kg)	114	119
Sound power level, re Directive 2000/14/EU (LwA)	91	91
Recommended avg. hours of use per day	3	3














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● Standard equipment, ○ Supplementary accessories, □ Mountable equipment

Accessories		Ref. no.	Min. required	MH 3M-100/600 PA 230/1/50 UK	MH 3M-140/580 PAX 230/1/50 EU
Ergo System Coupling and Adapter					
	COUPLING - FEMALE/Q-COUPPL 3/8 INCH	106402075	0	○	○
	ERGO COUPLING KIT	101119496	0	●	●
	HIGH PRESSURE COUPLINGS KIT	101119499	0	○	○
	Nippel F. Q-COUPPL. 3/8 INCH	1600493	0	○	○
	NIPPLE F/QUICK COUPLING 3/8 SS	1603101	0	○	○
	NIPPLE FOR SPRAY LANCE STAN.L	1609325	0	○	○
	PACK.RING D23.8XD14.96 3/8NBR SELF-CENT.	1801075	0	○	○
High Pressure Hose, DN6					
	10 M WIRE HOSE DN6	301002275	0	○	○
	HOSE DN6 15 M 1W - 3/8-QC	6528613	0	○	○
	HP HOSE DN6X10M QC 3/8IN NILFISK HW	101406069	0	●	●
Spray Gun					
	ERGO 2000 STANDARD W. HOSE SWIVEL	106403122	0	●	●
	REP. KIT SWIVEL JOINT	101119484	0	○	○














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Accessories		Ref. no.	Min. required	MH 3M-100/600 PA 230/1/50 UK	MH 3M-140/580 PAX 230/1/50 EU
Universal Lance					
	UNIVERSAL PLUS 650 W/O NOZZLE STRAIGHT	106403032	0	○	○
	UNIVERSAL PLUS 1080 W/O NOZZ STRAIGHT	106403033	0	○	○
	UNIVERSAL PLUS 1080 BENT 170 F. BRUSH	106403037	0	○	○
	UNIVERSAL PLUS 1560 W/O NOZZLE STRAIGHT	106403031	0	○	○
	UNIVERSAL PLUS 2060 W/O NOZZLE STRAIGHT	106403030	0	○	○
	UNIVERSAL PLUS LANCE 940 BEND W/O NOZZ	106403036	0	●	●
	UNIVERSAL PLUS LANCE 1080 BEND W/O NOZZ	106403035	0	○	○
	UNIVERSAL PLUS LANCE 1230 BEND W/O NOZZL	106403034	0	○	○
Tornado Nozzle with Indication Ring					
	NOZZLE 0370 INDICATION RING BRONZE	101119737	0		●
	NOZZLE 0400 INDICATION RING METAL GREY	101119738	0		
	NOZZLE 0450 INDICATION RING LIGHT BLUE	101119740	0	●	














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Accessories		Ref. no.	Min. required	MH 3M-100/600 PA 230/1/50 UK	MH 3M-140/580 PAX 230/1/50 EU
	NOZZLE PROTECTION F. TORNADOL.	106402425	0	○	○
Hose and Connection					
	NILFISK BA VALVE COMP. GARDENA	106411177	0	○	○
	NILFISK BA VALVE COMP. GEKA	106411179	0	○	○
	NILFISK BA VALVE COMP. NITO	106411178	0	○	○
	NILFISK BA VALVE WO COUPLER	106411184	0	○	○
	WATER INLET HOSE 3/4 P/	6465	0	○	○
High Pressure Male Coupling					
	ADAPTER KEW QUICK COUPLING MALE 3/8	66159	0	○	○
	ADAPTOR 3/8 INCH MALE FOR HOSE	6401067	0	○	○
	ADAPTOR KEW GUN TO WAP ACCESS.	66161	0	○	○
	GARDENA COMPATIBLE MALE 3/4" ACCESSORY	106404529	0	○	○
	GARDENA COUPLING HOSE END 1/2 BULK	1608629	0	○	○
	GEKA COUPLING HOSE END 3/4	1311	0	○	○













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Accessories		Ref. no.	Min. required	MH 3M-100/600 PA 230/1/50 UK	MH 3M-140/580 PAX 230/1/50 EU
	LP NIPPLE F. Q.-COUPLING 3/4IN	1600659	0	○	○
	NITO COUPLING HOSE END 1	1604669	0	○	○
High Pressure Female Coupling					
	ADAPTER KEW QUICK COUPLING FEMALE 3/8	66160	0	○	○
	ADAPTER WAP GUN COUPLING FEMALE M21X1.5	66162	0	○	○
	COUPLING GEKA FEMALE - INT THREAD 3/4 IN	1718	0	○	○
	HOSE NOZZLE 20R3/4	61369	0	●	●
	QUICK COUPLING 3/4 W/GASKET	1602945	0	○	○
Brush Washing					
	BRUSH INSERT	10356	0	○	○
	WASH BRUSH - ERGO - UNIVERSAL LANCE	14202	0	○	○
	WASH BRUSH L1550 MM	6400088	0	○	○
	WASH BRUSH L2350 MM	6400087	0	○	○
Liquid Sprayer					



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Accessories		Ref. no.	Min. required	MH 3M-100/600 PA 230/1/50 UK	MH 3M-140/580 PAX 230/1/50 EU
	8P PRESRAY UNIT	25598	0	○	○
	LIQUID SPRAYER 5S	7110005	0	○	○
	LIQUID SPRAYER 10SP	7110010	0	○	○
	LIQUID SPRAYER 20S	7110020	0	○	○
Drain and Pipe Cleaning					
	PIPE CLEANING HOSE 4X10M	301002490	0	○	○
	PIPE CLEANING HOSE 4X20M	301002491	0	○	○
	PIPE CLEANING HOSE 4X30M	301002492	0	○	○
	PIPE CLEANING NOZZLE 1/8INC IG DN4	46921	0	○	○
	PIPE CLEANING ROTARY NOZZLE 1/8INC IG DN	46918	0	○	○
	Riolslang 10 meter 5.0	6401266	0	○	○
Filter Pressure Washer					
	CARTRIDGE FILTER REPLACEM. 50 µM	1104041	0	○	○
	FILTER CPL. MH 5000MM2 50µ ACCESSORY	107144272	0	○	○
	FILTER FOR WATER BREAK TANK ACCESSORY	106403194	0	○	○

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Accessories		Ref. no.	Min. required	MH 3M-100/600 PA 230/1/50 UK	MH 3M-140/580 PAX 230/1/50 EU
	SAND FILTER 50MICRON UNIVERSAL	1604461	0	○	○
	SUCTION FILTER WITH FOOTVALVE	6400000	0	○	○
	WATER FILTER 50uM 3/4INCH PN12 PA	301000173	0	○	○
High Pressure Hose, DN10					
	HP Hose DN10 1000 AGR-AGR	1402916	0	○	○
	HP Hose DN10 2052 AGR-AGR	1402924	0	○	○
	HP Hose DN10 3000 AGR-AGR	1402932	0	○	○
	HP Hose DN10 5000 AGR-AGR	1402940	0	○	○
	HP Hose DN10 15000 AGR-AGR	1402064	0	○	○
	HP Hose DN10 20000 AGR-AGR	1402072	0	○	○
	HP Hose DN10 25000 AGR-AGR	1402080	0	○	○
High Pressure Hose, DN8					
	10 M 1 WIRE HOSE 5/16 DN8	1405569	0	○	○



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Accessories		Ref. no.	Min. required	MH 3M-100/600 PA 230/1/50 UK	MH 3M-140/580 PAX 230/1/50 EU
	HOSE DN8 1 WIRE 10M W.ERGO FEMALE COUPL.	101405770	0	<input type="radio"/>	<input type="radio"/>
	HOSE DN8 1 WIRE 15M W.ERGO FEMALE COUPL.	301001100	0	<input type="radio"/>	<input type="radio"/>
	HOSE DN8 1 WIRE 20M W.ERGO FEMALE COUPL.	301001101	0	<input type="radio"/>	<input type="radio"/>
	HOSE DN8 20 M 1W - 3/8X3/8	1405666	0	<input type="radio"/>	<input type="radio"/>
Special Lance					
	CURVED LANCE L1090 MM	6402016	0	<input type="radio"/>	<input type="radio"/>
	LANCE SINGLE 1500MM W/O NOZZLE	6401193	0	<input type="radio"/>	<input type="radio"/>
	UNDER CARRIAGE WASHER 40065	6400036	0	<input type="radio"/>	<input type="radio"/>
Hose Reel					
	CLEANING TROLLEY SS W/HOSE REEL FOAM IN	6401094	0	<input type="radio"/>	<input type="radio"/>
	HOSE REEL NILFISK ACCESSORY	106403184	0	<input type="radio"/>	<input type="radio"/>
	HOSE REEL RETRACTABLE SS W/O HOSE	106403168	0	<input type="radio"/>	<input type="radio"/>
	HOSE TROLLEY UP TO 50 M 3/8	6400170	0	<input type="radio"/>	<input type="radio"/>

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Accessories		Ref. no.	Min. required	MH 3M-100/600 PA 230/1/50 UK	MH 3M-140/580 PAX 230/1/50 EU
	HOSEREEL BLUE.PAINT RETRACTAB.W/20M HOSE	106403131	0	○	○
Injector and Foam Sprayer					
	02 INJECTOR COMPLETE	6401246	0	○	○
	03 INJECTOR COMPLETE	6401247	0	○	○
	BOTTLE FOR FOAM SPRAYER 2 L	106408164	0	○	○
	DETERGENT BOTTLE 2.5 L	107141635	0	○	○
	DETERGENT TANK W. SEALING CAP - 2.5 LTR.	106403162	0	○	○
	EXTENSION HOSE 30 CM WITH ERGO COUPLINGS	301001311	0	○	○
	FOAM INJECTOR AGRESSIVE LQDS	6401245	0	○	○
	FOAM INJECTOR W BYPASS	6401242	0	○	○
	FOAM INJECTOR W BYPASS S. S	6401243	0	○	○
	FOAM INJECTOR STANDARD	6401244	0	○	○
	FOAM LANCE COMPLETE L600 MM	6404368	0	○	○



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Accessories		Ref. no.	Min. required	MH 3M-100/600 PA 230/1/50 UK	MH 3M-140/580 PAX 230/1/50 EU
	FOAM LANCE COMPLETE L1200 MM	6404369	0	○	○
	FOAMSPRAYER VARIO 1 LTR 055	106408235	0	○	○
Other					
	LIFTING DEVICE FOR MH 3/4 ACCESSORY	106403199	0	○	○
	SIDE BAR COMPL.	106402110	0	○	○
	WATER SUCTION KIT 300 L/MIN 06	6402018	0	○	○
Short Lance					
	DOUBLE LANCE W/O NOZZLE 90MM	106402150	0	○	○
	SINGLE LANCE W/O NOZZLE 90MM	106402151	0	○	○
FlexoPower Lance					
	FLEXOPOWER PLUS 960 BEND W/O NOZZLE	106402282	0	○	○
	FLEXOPOWER PLUS 960 W/O NOZZLE BLUE	106408229	0	○	○
	FLEXOPOWER PLUS 990 BEND W/O NOZ.	106402281	0	○	○
	FLEXOPOWER PLUS 990 W/O NOZZLE BLUE	106408228	0	○	○

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Accessories		Ref. no.	Min. required	MH 3M-100/600 PA 230/1/50 UK	MH 3M-140/580 PAX 230/1/50 EU
	FLEXOPOWER PLUS 1120 W/O NOZZLE BLUE	106408227	0	○	○
TurboHammer Nozzle					
	TURBOHAMMER NOZZLEHEAD W12 0370	106408221	0		○
TurboHammer Lance					
	TURBOHAMMER PLUS 1115 STRAIGHT W12 0400	106403002	0		
	TURBOHAMMER PLUS 1125 STRAIGHT W11 0450	106402290	0	○	
Tornado Lance					
	TORNADO PLUS 630 STRAIGHT W/O NOZZLE	106403013	0	○	○
	TORNADO PLUS 1000 BEND W/O NOZZLE	106403011	0	○	○
	TORNADO PLUS 1120 BEND W/O NOZZLE	106403010	0	○	○
	TORNADO PLUS 2080 BEND W/O NOZZLE	106403012	0	○	○
Surface Cleaning Rotary					
	HYDROSCRUB P300 P+H	106403187	0	○	○
	HYDROSCRUB P400 W/O NOZZLES	106403157	0	○	○
Abrasive Blasting					
	SIMPLE SAND BLASTING UNIT COMPLETE VSB	301112493	0	○	○
Nozzle					
	NOZZLE 0165	102802851	0	○	○






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Accessories		Ref. no.	Min. required	MH 3M-100/600 PA 230/1/50 UK	MH 3M-140/580 PAX 230/1/50 EU
	NOZZLE 0200	102802852	0	○	○
	NOZZLE 0245	102802853	0	○	○
4-in-1 Nozzle					
	NOZZLE 4-IN-1 ALU + INDICATION RING 0370	101118130	0		○
	NOZZLE 4-IN-1 ALU + INDICATION RING 0400	101118131	0		
	NOZZLE 4-IN-1 ALU + INDICATION RING 0450	101118133	0	○	
4-in-1 Lance					
	4-IN-1 LANCE INCL 0370 ALUMINUM HEAD	106408252	0		○
	4-IN-1 LANCE INCL 0400 ALUMINUM HEAD	106408253	0		
	4-IN-1 LANCE INCL 0450 ALUMINUM HEAD	106408255	0	○	
	LANCE FOR 4-IN-1 880 BEND	106408240	0	○	○
PowerSpeed Vario Lance					
	POWERSPEED VARIO PLUS 1090 BEND 0370	106403091	0		○
	POWERSPEED VARIO PLUS 1090 BEND 0450	106403092	0		
Detergent					
	ALTO ACTIVE WAX 10 L	81177	0	○	○



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Accessories		Ref. no.	Min. required	MH 3M-100/600 PA 230/1/50 UK	MH 3M-140/580 PAX 230/1/50 EU
	ALTO ACTIVE WAX 25 L	81222	0	○	○
	ALTO RIMTOP 10 L	80935	0	○	○
	NILFISK-ALTO WAXCLEAN 4 X 2.5 L	25000211	0	○	○
Special Nozzle					
	NOZZLE PROTECTION CAP PA	18430	0	○	○
External Control Unit					
	REMOTE CONTROL 2X DETERGENT ACCESSORY	106403196	0	○	○

