

Optimal ergonomics, reliable 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.

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 even be pushed/pulled across uneven surfaces

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 semi 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 and the efficient EcoPower Boiler.



Picture shown may not represent model quoted

• Standard equipment

Included accessories		Ref. no.	Min. required	MH 3M-140/580 PA *EU*	MH 3M-160/770 PA *EU*
Ergo System spojky a adaptéry					
	Ergo spojka samica 3/8	101119496	0	•	•
VT spojky - samica					
	Hadicová tryska 20R3/4	61369	0	•	•
VT hadice, DN6					
	10m jednodrôťová hadica 3/8 DN6	301002275	0	•	•
Striekacie pištole					
	Ergo 2000	106403122	0	•	•
Nástavce Universal					
	Universal Plus nástavec 940 zahnutý bez trysky	106403036	0	•	•



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Included accessories		Ref. no.	Min. required	MH 3M-140/580 PA *EU*	MH 3M-160/770 PA *EU*
Tornado trysky s rozoznávacím krúžkom					
	NOZZLE 0370 INDICATION RING BRONZE	101119737	0	•	
	NOZZLE 0400 INDICATION RING METAL GREY	101119738	0		•

Model	MH 3M-140/580 PA *EU*	MH 3M-160/770 PA *EU*
Ref. no.	107146895	107146903

PRODUCT FEATURES

Jednofázový	•	
Trojfázový		•
Ecopower boiler	•	•
Motor silentpower - 1.450 ot/min	•	•
Quickservice	•	•
Systém príslušenstva ergo	•	•
Parkovacia brzda	•	•
Mosadzná hlava	•	•
Keramikou potiahnuté piesty	•	•
Auto štart/stop	•	•
Palivová nádrž	•	•
Prerušovacia nádrž vody	•	•
Senzor plameňa	•	•
Injektor chémie 1x	•	•
Držiak nástavca	•	•
Držiak pištole	•	•
Hák na kábel, otočný	•	•
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	•	•



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Technical specifications

	MH 3M-140/580 PA *EU*	MH 3M-160/770 PA *EU*
Tlak čerpadla (bar/MPa)	140/14	160/16
Čistiaca sila (kg/sila)	2.8	3.6
Čerpadlo (ot/min)	1450	1450
Príkon (kW)	3.6	4.7
Napätie/fáza/frekvencia/prúd (V/~/Hz/A)	230/1/50/16	400/3/50/8
Qmax/quieci prietok vody (l/hod)	580/580	770/700
Teplota vody (voda/para) (°C)	80	80
Prívodný kábel (m)	5	5
Spotreba paliva dt 45°C (kg/hod)	2.6	3.1
Palivová nádrž (l)	15	15
Veľkosť trysky	.0370	.0400
Maximálna teplota na vstupe (°C)	40	40
Keramikou potiahnuté piesty	3	3
Dĺžka x šírka x výška (mm)	1010x700x1016	1010x700x1016
Hmotnosť (kg)	114	133
Hladina akustického tlaku smernica 2000/14/eu (LwA)	91	92

● Standard equipment, ○ Supplementary accessories, □ Mountable equipment

Accessories		Ref. no.	Min. required	MH 3M-140/580 PA *EU*	MH 3M-160/770 PA *EU*
Hadice a spojky					
	Hadica vstupnej vody 3/4	6465	0	○	○
	Spätný ventil	106411177	0	○	○
	Zamedzovač spätného toku vody tr. BA bez spojky	106411184	0	○	○
	Zamedzovač spätného toku vody tr. BA GEKA	106411179	0	○	○
	Zamedzovač spätného toku vody tr. BA Nito	106411178	0	○	○
VT spojky - samec					



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Accessories		Ref. no.	Min. required	MH 3M-140/580 PA *EU*	MH 3M-160/770 PA *EU*
	Adaptér 3/8 samec pre hadica	6401067	0	○	○
	Adaptér KEW pišto 3/4 na WAP prísl.	66161	0	○	○
	Adaptér KEW rýchlospojka samec 3/8	66159	0	○	○
	Gardena spojka hadica 3/4	1608629	0	○	○
	GEKA spojka hadica 3/4	1311	0	○	○
	Spojka pre Ergospojku hadica 1/2	1604669	0	○	○
	Spojka pre Ergospojku hadica 3/4	1600659	0	○	○
VT spojky - samica					
	Adaptér KEW rýchlospojka samica 3/8	66160	0	○	○
	Adaptér WAP pišto 3/4 spojka samica M21x1.5	66162	0	○	○
	Gardena samec 3/4	32541	0	○	○
	GEKA spojka vnút. závit 3/4	1718	0	○	○

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Accessories		Ref. no.	Min. required	MH 3M-140/580 PA *EU*	MH 3M-160/770 PA *EU*
	Hadicová tryska 20R3/4	61369	0	•	•
	Rýchlospojka Nito vnút. Závit 3/4	1602945	0	○	○
Chemické prípravky					
	Acido 10 l	81204	0	○	○
	Acido 25 l	81205	0	○	○
	Active Foam 25 l	81217	0	○	○
	Active Shampoo 25 l	81216	0	○	○
	Active Shampoo 220 kg	80874	0	○	○
	Active Wax 10 l	81177	0	○	○
	Active Wax 25 l	81222	0	○	○
	Alkafoam 25 l	81231	0		○
	Allosil 4 x 2,5 l	25000202	0	○	○

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Accessories		Ref. no.	Min. required	MH 3M-140/580 PA *EU*	MH 3M-160/770 PA *EU*
	Allosil 10 l	81237	0	○	○
	Allosil 25 l	81209	0	○	○
	Anti-Stone 6 x 1 l	8466	0	○	○
	Anti-Stone 10 l	80919	0	○	○
	Anti-Stone 25 l	81235	0	○	○
	Auto Active 10 l	81136	0	○	○
	Auto Active 25 l	81218	0	○	○
	Auto Active 220 kg	80748	0	○	○
	Combi Active 10 l	81172	0	○	○
	Combi Active 25 l	81229	0	○	○
	Insect Remover AL 25 l	308000151	0	○	○
	J 25 Multi 4 x 2,5 l	25000214	0	○	○

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Accessories		Ref. no.	Min. required	MH 3M-140/580 PA *EU*	MH 3M-160/770 PA *EU*
	J 25 Multi 10 l	80923	0	○	○
	J 25 Multi 25 l	81228	0	○	○
	Quick Dry 25 l	81221	0	○	○
	Rim Top 10 l	80935	0	○	○
	Sapphire 4 x 2,5 l	25000206	0	○	○
	Sapphire 10 l	81180	0	○	○
	Sapphire 25 l	81219	0	○	○
	Super Plus 4 x 2,5 l	25000204	0	○	○
	Super Plus 10 l	81170	0	○	○
	Super Plus 25 l	81220	0	○	○
	Truck Cleaner 25 l	308000153	0	○	○
	Universal 4 x 2,5 l	25000213	0	○	○

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Accessories		Ref. no.	Min. required	MH 3M-140/580 PA *EU*	MH 3M-160/770 PA *EU*
	Universal 10 l	80930	0	○	○
	Universal 25 l	81225	0	○	○
	Wax Clean 4 x 2,5 l	25000211	0	○	○
Umývacie kefy					
	Keťová vložka	10356	0	○	○
	Umývacia kefa Ergo	14202	0	○	○
	Umývacia kefa L1550mm	6400088	0	○	○
	Umývacia kefa L2350mm	6400087	0	○	○
Špeciálne trysky					
	Ochranný kryt trysky PA	18430	0	○	○
	Vario tryska HL-I 1/8-27N	56829	0	○	○
Postrekovače					
	POSTREKOVAÈ 5S	7110005	0	○	○
	POSTREKOVAÈ 8P	25598	0	○	○
	POSTREKOVAÈ 10SP	7110010	0	○	○

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Accessories		Ref. no.	Min. required	MH 3M-140/580 PA *EU*	MH 3M-160/770 PA *EU*
	POSTREKOVAC 20S	7110020	0	○	○
Čističe potrubí					
	Ďistenie trubiek hadica 4x10m	301002490	0	○	○
	Ďistenie trubiek hadica 4x20m	301002491	0	○	○
	Ďistenie trubiek hadica 4x30m	301002492	0	○	○
	Ďistič odtokov 05 20m hadica	6401266	0	○	○
	Rotačná tryska na potrubia 1/8 IG DN	46918	0	○	○
	Rotačná tryska na potrubia 1/8 IG DN4	46921	0	○	○
Nástavce FlexoPower					
	Flexopower hadica F.NZ 1/8 vonk. závit	63251	0	○	○
	Flexopower Plus 960 zahnutý bez trysky	106402282	0	○	○
	Flexopower Plus 990 zahnutý bez trysky	106402281	0	○	○
	FLEXOPOWER PLUS 960 W/O NOZZLE BLUE	106408229	0	○	○
	FLEXOPOWER PLUS 990 W/O NOZZLE BLUE	106408228	0	○	○
	FLEXOPOWER PLUS 1120 W/O NOZZLE BLUE	106408227	0	○	○
Filtre, vysokotlakový čistič					



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Accessories		Ref. no.	Min. required	MH 3M-140/580 PA *EU*	MH 3M-160/770 PA *EU*
	Kazetový filter 50 micron	1104041	0	○	○
	Pieskový filter 50 micron uni	1604461	0	○	○
	Sací filter	6400000	0	○	○
	Vodný filter 50uM 3/4 PN12 PA	301000173	0	○	○
VT hadice, DN10					
	1m dvojdrtová hadica 3/8 DN10	1402916	0	○	○
	2m dvojdrtová hadica 3/8 DN10	1402924	0	○	○
	3m dvojdrtová hadica 3/8 DN10	1402932	0	○	○
	5m dvojdrtová hadica 3/8 DN10	1402940	0	○	○
	15m dvojdrtová hadica 3/8 DN10	1402064	0	○	○
	20m dvojdrtová hadica 3/8 DN10	1402072	0	○	○
	25m dvojdrtová hadica 3/8 DN10	1402080	0	○	○
VT hadice, DN8					
	10m dvojdrtová hadica 5/16 DN8	101405770	0	○	○



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Accessories		Ref. no.	Min. required	MH 3M-140/580 PA *EU*	MH 3M-160/770 PA *EU*
	10m jednodrôtová hadica 5/16 DN8	1405569	0	○	○
	15m dvojdrôtová hadica 5/16 DN8	301001100	0	○	○
	20m dvojdrôtová hadica 5/16 DN8	301001101	0	○	○
	20m jednodrôtová hadica 5/16 DN8	1405666	0	○	○
Ergo System spojky a adaptéry					
	Ergo spojka samica 3/8	101119496	0	●	●
	Ergo spojka samica 3/8	106402075	0	○	○
	Spojka pre Ergospojku vnút. závit 3/8	1600493	0	○	○
	Spojka pre Ergospojku vnút. závit 3/8 antikoro	1603101	0	○	○
	Spojka pre striekací nástavec	1609325	0	○	○
	Tesniaci krúžok D23,8xD7,2x2 3/8	1801075	0	○	○
	VT spojky sada	101119499	0	○	○
Nástavce špeciálne					
	Dlhý nástavec 1,5m bez trysky	6401193	0	○	○

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Accessories		Ref. no.	Min. required	MH 3M-140/580 PA *EU*	MH 3M-160/770 PA *EU*
	Umývač podvozkov 40065	6400036	0	○	○
	Zahnutý nástavec L1090mm	6402016	0	○	○
Bubny na hadice					
	Ďistiaci vozík antikoro	6401094	0	○	○
	Hadicový bubon náter navíjací + 20m hadica	106403131	0	○	○
	Hadicový vozík do 50m 3/8	6400170	0	○	○
	HOSE REEL RETRACTABLE SS W/O HOSE	106403168	0	○	○
Injektory a napeňovače					
	02 injektor	6401246	0	○	○
	03 injektor	6401247	0	○	○
	DETERGENT TANK WITH SAFETY CAP	106403162	0	○	○
	F3aša pre napeňovač 1 L	106408163	0	○	○
	F3aša pre napeňovač 2 L	106408164	0	○	○
	Napeňovací nástavec L600mm	6404368	0	○	○

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Accessories		Ref. no.	Min. required	MH 3M-140/580 PA *EU*	MH 3M-160/770 PA *EU*
	Napeňovací nástavec L1200mm	6404369	0	○	○
	NILFISK NAPENOVACIA TRYSKA VARIO 1L 055	106408235	0	○	○
	Penový injektor	6401244	0	○	○
	Penový injektor agresívne tekutiny	6401245	0	○	○
	Penový injektor s bypassom	6401242	0	○	○
	Penový injektor s bypassom antikoro	6401243	0	○	○
	Predlžovacia hadica 30cm s Ergo spojkami	301001311	0	○	○
Tornado trysky s rozoznávacím krúžkom					
	NOZZLE 0370 INDICATION RING BRONZE	101119737	0	●	
	NOZZLE 0400 INDICATION RING METAL GREY	101119738	0		●
	Ochrana trysky pre Tornado	106402425	0	○	○
	Tryska 0275 rozpoznávací krúžok tmavá hnedá	101117692	0	○	○

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Accessories		Ref. no.	Min. required	MH 3M-140/580 PA *EU*	MH 3M-160/770 PA *EU*
	Tryska 0300 rozpoznávací krúžok svetlá oranžová	101117695	0	○	○
Striekacie pištole					
	Boènè madlo	106402110	0	○	○
	Ergo 2000	106403122	0	●	●
	Opravná sada otoèný káb	101119484	0	○	○
Nástavce krátke					
	Dvojité nástavec bez trysky 90mm	106402150	0	○	○
	Jednoduchý nástavec bez trysky 90mm	106402151	0	○	○
Nástavce Turbokladio					
	Turbokladio Plus 1115 rovný W12 0400	106403002	0		○
	Turbokladio Plus 1125 rovný W11 0450	106402290	0		
Nástavce Tornado					
	Tornado Plus 630 rovný bez trysky	106403013	0	○	○
	Tornado Plus 1000 zahnutý bez trysky	106403011	0	○	○
	Tornado Plus 1120 zahnutý bez trysky	106403010	0	○	○
	Tornado Plus 2080 zahnutý bez trysky	106403012	0	○	○



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Accessories		Ref. no.	Min. required	MH 3M-140/580 PA *EU*	MH 3M-160/770 PA *EU*
Nástavce Universal					
	Universal Plus 650 bez trysky rovný	106403032	0	○	○
	Universal Plus 1080 bez trysky rovný	106403033	0	○	○
	Universal Plus 1560 bez trysky rovný	106403031	0	○	○
	Universal Plus 2060 bez trysky rovný	106403030	0	○	○
	Universal Plus nástavec 940 zahnutý bez trysky	106403036	0	●	●
	Universal Plus nástavec 1080 zahnutý bez trysky	106403035	0	○	○
	Universal Plus nástavec 1230 zahnutý bez trysky	106403034	0	○	○
Nástavce Power Speed Vario					
	Powerspeed Vario Plus 1090 zahnutý 0370	106403091	0	○	
	Powerspeed Vario Plus 1090 zahnutý 0450	106403092	0		○
Rotačné čistenie povrchov					
	Hydroscrub P300P	106403155	0	○	○
Trysky Turbokladio					

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Accessories		Ref. no.	Min. required	MH 3M-140/580 PA *EU*	MH 3M-160/770 PA *EU*
	Hlava trysky Turbokladivo W12 0370	106408221	0	○	
VT hadice, DN6					
	10m jednodrôtová hadica 3/8 DN6	301002275	0	●	●
Čistenie pieskovaním					
	Pieskovacia jednotka jednoduchá VSB	301112493	0	○	○
Tryska 4-v-1					
	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		○
Nástavec 4-v-1					
	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	○	○