



Robust and powerful petrol driven cold water high pressure washers

- Robust long life pumps with ceramic pistons
- Robust and maniable design
- Wide range of performance levels with high pressure levels
- Lightweight yet maniable design
- Ergo accessory concept

The MC PE/DE range is ideal for use in areas where electrical power may not at all be available or not be string enough to allow high power cleaning. Self priming and suction ability also means that water can be drawn from a tank or river. Ideal for use in building and construction, rental, agricultural segments.



TECHNICAL DATA

	MC 2C-160/740 PET	MC 3C 180/770 PET	MC 4C 220/770 PEXT	MC 5C 230/940 PE	MC 5C 280/1000 PE
Pump pressure (bar/MPa)	160	180	210	240	280
Cleaning impact (kg/force)	3.5	3.8	4.1	5.4	6.5
Water flow Qmax/Qiec (l/h)	670/740	690/750	690/770	850/940	950/1000
Pump (RPM)	3400	3400	3400	3400	3400
Max. inlet temperature (°C)	60	60	60	60	60
Power source diesel					
Power source petrol	Kohler SH265	Kohler CH270	Honda GX200	Honda GX270	Honda GX390
Ceramic pistons				3	3
Length x width x height (mm)	533x521x935	533x521x935	546x615x1021	546x615x1021	668x572x1021
Weight (kg)	30.2	32.2	39.9	44.8	52
Nozzle size	.0370	.0400	.0340	.0370	.0370
Motor power hp (kW)	6.5 (4.7)	7 (5.2)	5.5 (4.1)	9 (6.6)	13 (9.5)
Recommended avg. hours of use per day	2	3	4	5	5

FEATURES

Stainless steel pistons	•				
Ceramic coated pistons		•	•		
Ceramic pistons				•	•
Direct drive	•	•	•	•	•
Reduction Gear					
Flat Free Wheels	•	•	•	•	•

STANDARD EQUIPMENT

ERGO COUPLING KIT	101119496	101119496	101119496	101119496	101119496
GARDENA COMPATIBLE MALE 3/4" ACCESSORY	106404529	106404529	106404529	106404529	106404529
10 M WIRE HOSE DN6	301002275	301002275			
HOSE DN6 15 M 1W - 3/8-QC			6528613		
HOSE DN8 1 WIRE 10M W.ERGO FEMALE COUPL.				101405770	101405770
ERGO 2000 STANDARD W. HOSE SWIVEL	106403122	106403122	106403122	106403122	106403122
TORNADO PLUS 1000 BEND W/O NOZZLE					106403011
FLEXOPOWER PLUS 960 BEND W/O NOZZLE			106402282	106402282	
TURBOHAMMER PLUS 950 STRAIGHT W12 0350			106403077		
4-IN-1 LANCE INCL 0370 ALUMINUM HEAD	106408252				
4-IN-1 LANCE INCL 0400 ALUMINUM HEAD		106408253			
NOZZLE 0340 INDICATION RING VIOLET			101119735		
NOZZLE 0370 INDICATION RING BRONZE	101119737			101119737	101119737
NOZZLE 0400 INDICATION RING METAL GREY		101119738			
ITEM NO.	106404532	106404533	106404535	106404536	106404538



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TECHNICAL DATA	MC 5C 280/1000 PEXT	MC 5M-195/1000 DE	MC 5M 280/1100 PE	MC 5M 280/1100 PE Cage	MC 7P-220/1120 PE PLUS
Pump pressure (bar/MPa)	280	195/19.5	280	290	220/22
Cleaning impact (kg/force)	6.5	5.3	7.1	6.9	6.1
Water flow Qmax/Qiec (l/h)	950/1000	1000/950	1040/1100	1000/1050	1120/1010
Pump (RPM)	3400	1650	1750	1750	1700
Max. inlet temperature (°C)	60	60	60	60	80
Power source diesel		YANMAR L100 DE			
Power source petrol	Honda GX390		Honda GX390	Honda GX390	Honda GX390
Ceramic pistons	3	3	3	3	4
Length x width x height (mm)	546x615x1021	750x680x850	713x572x1021	1295x762x955	1067x686x660
Weight (kg)	60	110	61	80	93
Nozzle size	.0370	.0530	.0450	.0400	.0500
Motor power hp (kW)	13 (9.5)	10 (7.3)	13 (9.5)	13 (9.5)	13 (9.5)
Recommended avg. hours of use per day	5	5	6	6	6
FEATURES					
Pneumatic wheels					•
Ceramic pistons	•	•	•	•	•
Direct drive	•				•
Reduction Gear			•	•	
Flat Free Wheels	•		•	•	
STANDARD EQUIPMENT					
ERGO COUPLING KIT	101119496	101119496	101119496	101119496	101119496
GARDENA COMPATIBLE MALE 3/4" ACCESSORY	106404529		106404529	106404529	
HOSE NOZZLE 20R3/4		61369			61369
HOSE DN8 1 WIRE 10M W.ERGO FEMALE COUPL.		101405770	101405770		101405770
HOSE DN8 1 WIRE 15M W.ERGO FEMALE COUPL.				301001100	
HOSE DN8 1 WIRE 20M W.ERGO FEMALE COUPL.	301001101				
ERGO 2000 STANDARD W. HOSE SWIVEL	106403122	106403122	106403122	106403122	106403122
TORNADO PLUS 1000 BEND W/O NOZZLE	106403011	106403011	106403011	106403011	106403011
TURBOHAMMER PLUS 1115 STRAIGHT W12 0400	106403002				
NOZZLE 0370 INDICATION RING BRONZE	101119737				
NOZZLE 0400 INDICATION RING METAL GREY				101119738	
NOZZLE 0450 INDICATION RING LIGHT BLUE			101119740		
NOZZLE 0500 INDICATION RING YELLOW					101119741
NOZZLE 0530 INDICATION RING RED		101119742			
ITEM NO.	106404539	106174740	106404540	106404542	106174807



Total independence of electrical power and normal water sources

- EcoPower boiler with > 92% efficiency with reduced running costs
- Slow running pumps either by belt drive or by direct gear reduction
- Integrated fuel tank
- Easy to use control panel
- Ergo accessory concept
- Honda petrol motors, Yanmar or Mitsubishi diesel engines
- Mobile units or trailer mounted
- Easy transport by forklift truck
- Low pump oil safety function
- Easy oil drain from pump and motor reduce maintenance costs
- Max. Inlet temperature 40°C

MH PE/DE is a comprehensive range of petrol and diesel powered hot water models for professional use in areas where electrical source is not available. Models can also typically draw water from tanks, wells or rivers giving a high level of use autonomy. MH PE/DE are thus ideal solutions for hot water cleaning in construction and industrial segments, or by contract cleaners or public authorities.



TECHNICAL DATA	MH 5M-200/1000 DE	MH 7P-220/1120 PE	MH 7P-220/1300 DE
Pump pressure (bar/MPa)	200/20	220/22	220/22
Cleaning impact (kg/force)	5.1	6.1	7.2
Water flow Qmax/Qiec (l/h)	1000/900	1120/1010	1300/1200
Pump (RPM)	1485	1775	1630
Max. inlet temperature (°C)	40	40	40
Water temperature (water/steam) (°C)	90/150	90/150	90/150
Power source diesel	Yanmar L100		Mitsubishi S3L2
Power source Petrol		Honda GX390	
Power consumption (kW)	10 HP/7.3 kW	13 HP/9.6 kW	16 HP/11.7 kW
Fuel consumption at ΔT=45°C (kg/h)	4.7	5.6	6.8
Fuel consumption, motor (l/h)	2.2	3.5	3.5
Fuel tank (l)	Boiler 57/Motor 5.5	Boiler 57/Motor 6.1	Boiler/Motor 57
Ceramic pistons	3	4	4
Length x width x height (mm)	970x780x1000	970x780x1000	1130x910x1050
Weight (kg)	220	210	510
Nozzle size	.0450	.0500	.0640
FEATURES			
EcoPower boiler-high efficiency	•	•	•
Pump oil warning system	•	•	•
Service indicator	•	•	•
Electrical starting system	•	•	•
Thermal dump valve	•		
Flame sensor	•	•	•
Exhaust gas temperature sensor	•	•	•
STANDARD EQUIPMENT			
ERGO COUPLING KIT	101119496	101119496	101119496
HOSE NOZZLE 20R3/4	61369	61369	61369
HOSE DN8 1 WIRE 15M W.ERGO FEMALE COUPL.	301001100	301001100	
HP HOSE DN10 150DEG L15000mm			1402064
ERGO 2000 STANDARD W. HOSE SWIVEL	106403122	106403122	106403122
TORNADO PLUS 1120 BEND W/O NOZZLE	106403010	106403010	106403010
NOZZLE 0450 INDICATION RING LIGHT BLUE	101119740		
NOZZLE 0500 INDICATION RING YELLOW		101119741	
NOZZLE 0640 INDICATION RING GREEN			101119745
NOZZLE 0650 INDICATION RING LIGHT GREEN			
ITEM NO.	106239610	106239530	106239635