MH RANGE

A new formula for performance



NILFISK



Introducing the MH range: Built to blast—and last

Powered by efficiency, our versatile range of hot water high-pressure washers handles the toughest cleaning jobs.

For seamless transitions, profit-boosting efficiency, and smart features like custom presets tailored to specific cleaning needs, even the hardest tasks feel effortless.

Simply power that pays off.

Cut costs. Cut emissions. Cut downtime

Efficiency at its core. The MH range delivers powerful, reliable cleaning while cutting costs, downtime, and CO_2 emissions by up to 80% when using biofuel—making it the smart choice for any operation.



Innovative biofuel-ready boiler

New industry-leading patented boiler technology* delivers fuel-efficient, biofuel-ready performance with faster operation and lower energy and water use.

Built for power and durability

With optimized nozzles and best-in-class pumps, the MH range delivers efficient, reliable cleaning for superior performance and uptime.

Smart controls for every operator

Featuring intuitive, colored touchpoints and a user-friendly interface, the MH range delivers consistent professional results regardless of skill level.

Precise dosing system cuts waste

A new detergent system* enables more accurate dosing—reducing waste, cutting detergent costs, and minimizing overuse and environmental impact.

**For Advanced range only*

Boiled down to facts

Efficiency, economy—and responsibility.
The MH Advanced range figures speak for themselves.

Energy efficiency
~ 96 %
Power up with industry-leading burn efficiency

CO_2 reduction
~ 80 %
Cut emissions and burn cleaner with biofue

Cut fuel costs over 10 years
~ €3,820
Save substantially on lower fuel consumption compared to old MH machine

One range. Every need

Advanced or Standard? The MH range comes in a variety of power levels to match every category and cleaning need.

All models deliver up to 80% lower CO_2 emissions when using biofuel. Get the full overview here.

Standard vs. Advanced

Feature	Standard range MH20-30-40-50-60-70	Advanced range MH35-45-55-65-75-85
Boiler	EcoPower™ Boiler	Patented Energy Efficient Boiler
Combustion efficiency	EUnited certified Energy efficient ~ 92%	EUnited certified Energy efficient ~ 96%
Biofuel compatible	✓	✓
Patent-pending Internal detergent system	X	✓
Lance	Universal lance	Pressure adjustable lance (Tornado)
Interface	Simple dial control system	Waterproof LCD display system
Lock machine to specific settings	X	✓
Service Indicator & pop-ups	X	✓
Machine Diagnostics & Fault Finding	X	✓
Fuel sensor	✓	✓
Patent-pending Flame Sensor	X	✓
Anti Stone System	X	✓
Steam function	X	✓
*Hose Reel	X	✓
*Ceramic Pistons	✓	✓
*Flow Activated	✓	✓

**On selected machines*



Features and benefits include

- **Variety of motor and pump sizes** — enables flexible runtimes tailored to various industries
- **Hot water efficiency** — breaks down oils, greases, and fats more effectively than cold water
- **Biofuel compatibility** — enables operators to select fuels based on preference and availability (up to 80% lower emissions on biofuel)
- **AntiStone system** — minimizes limescale buildup when operating in hard water conditions*
- **Added Machine Protector** — enhances protection in soft water conditions—ensuring optimal performanace and extended machine longevity*
- **Locked presets ensure consistent results** — saving time, effort, and detergent regardless of the user's skill level*
- **Language control and intuitive interface** — offers a seamless user experience*
- **Quick switching and personalized presets** — tailor to specific cleaning needs*
- **Durable, waterproof UI design** — crafted to endure tough environments*
- **Step-by-step troubleshooting and maintenance guides** — reduce unnecessary service calls*
- **Nilfisk Service App** — enables dealers to service and update the machine via Bluetooth, ensuring a seamless and up-to-date service experience.

**For Advanced range only*

Tough on grime — whatever the form

Each industry has unique demands. The MH range offers a versatile lineup of motors and pumps in performance levels, designed to operate for variable durations. No compromises, just precision.



Automotive

High-performance pumps and precise detergent dosing make the MH range ideal for degreasing parts, cleaning engines, trucks, cars, and workshop floors—ensuring spotless results with minimal waste and maximum efficiency.



Agriculture

With powerful pump options, robust components, and long runtimes, the MH range handles demanding, day-long cleaning of machinery, equipment, and animal areas—boosting hygiene and reducing downtime in the field.



Building and construction

Built with a rugged, waterproof interface and fast-switch presets, the MH range stands up to harsh environments and heavy use—blasting away concrete, dirt, and debris with ease while saving time on site.



Industry

Optimized pressure, high heat, and durable design make the MH range ideal for cleaning containers, forklifts, and industrial machinery—removing heavy dirt and oil with minimal waste and maximum uptime.



Clean better. Save more. No compromises

Gain more control over your time, productivity, and energy consumption. Check out the full MH range here. Scan QR-code to learn more.

Technical specifications – MH35

Description	Unit	MH35C-180/780 PAX 230-400/3/50 NO	MH35C-180/780 PAX 400/3/50 EU	MH35C-145/600 PA 230/1/50 EU	MH35C-145/600 PAX 230/1/50 EU	MH35M-140/580 PA 230/1/50 EU	MH35M-190/840 PA 400/3/50 EU
Item number		107147116	107147103	107147153	107147155	107147154	107147115
Supply voltage	V/ph/Hz	230-400/3/50	400/3/50	230/1/50	230/1/50	230/1/50	400/3/50
Fuse	A	C16	C10	C16	C16	C16	C16
Power rating	kW	5,3	5,3	3,7	3,7	3,6	6,6
Working pressure	bar (Mpa)	180	180	145	145	140	190
Water flow	l/h	710	710	530	530	550	780
Max. water flow	l/h	780	780	600	600	580	840
Max. water inlet temperature	°C	30	30	30	30	30	30
Max. water inlet pressure	bar (Mpa)	10	10	10	10	10	10
Min. water inlet pressure	bar (Mpa)	1	1	1	1	1	1
Dimensions LxWxH	mm	1010x700x1016	1010x700x1016	1010x700x1016	1010x700x1016	1010x700x1016	1010x700x1016
Weight	kg	143	142	135	138	140	163
Sound pressure level LPA.	dB(A)	83	83	81	81	76	76
Sound power level LWA	dB(A)	102	102	99	99	95	94
Cleaning impact	kg	4,2	4,2	2,9	2,9	2,8	4,7
Nozzle size	°/#	0400	0400	0340	0340	0370	0450
Max water temperature (Hot / Steam)	°C	90/150	90/150	90/150	90/150	90/150	90/150
Fuel consumption delta T 45 °C	kg/h	3,1	3,1	2,3	2,3	2,5	3,6
Heating capacity	kW	51	51	51	51	51	66
Fuel tank	l	15	15	15	15	15	15
Boiler fuel type		Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel
Detergent tank	l	1x10	1x10	1x10	1x10	1x10	1x10

Technical specifications – MH45

Description	Unit	MH45M-100/680 PA 230/1/50 UK	MH45M-100/680 PAX 230/1/50 UK	MH45M-180/890 FA 200/3/50 JP	MH45M-180/890 FA 200/3/60 JP	MH45M-200/960 FA 230-400/3/50 NO
Item number		107147123	107147124	107147127	107147128	107147117
Supply voltage	V/ph/Hz	230/1/50	230/1/50	200/3/50	200/3/60	230-400/3/50
Fuse	A	C13	C13	C20	C20	C25/C16
Power rating	kW	2,9	2,9	5,9	5,9	7,2
Working pressure	bar (Mpa)	100	100	180	180	200
Water flow	l/h	630	630	828	828	890
Max. water flow	l/h	680	680	890	890	960
Max. water inlet temperature	°C	30	30	30	30	30
Max. water inlet pressure	bar (Mpa)	10	10	10	10	10
Min. water inlet pressure	bar (Mpa)	1	1	1	1	1
Dimensions LxWxH	mm	1010x700x1016	1010x700x1016	1010x700x1016	1010x700x1016	1010x700x1016
Weight	kg	151	154	162	162	168
Sound pressure level LPA.	dB(A)	71	71	79	80	76
Sound power level LWA	dB(A)	89	89	94	95	94
Cleaning impact	kg	2,7	2,7	4,8	4,8	5,5
Nozzle size	°/#	0475	0475	0475	0475	0475
Max water temperature (Hot / Steam)	°C	90/150	90/150	90/150	90/150	90/150
Fuel consumption delta T 45 °C	kg/h	2,7	2,7	3,6	3,6	3,8
Heating capacity	kW	51	51	66	66	66
Fuel tank	l	15	15	15	15	15
Boiler fuel type		Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel
Detergent tank	l	1x10	1x10	1x10	1x10	1x10

Description	Unit	MH45M-200/960 FA 400/3/50 EU	MH45M-200/960 FAX 230-400/3/50 NO	MH45M-200/960 FAX 400/3/50 EU	MH45M-200/960 PAX 400/3/50 EU	MH45M-200/960 FA 220/440/3/60 EXPT
Item number		107147104	107147118	107147105	107147106	107147129
Supply voltage	V/ph/Hz	400/3/50	230-400/3/50	400/3/50	400/3/50	220/440/3/60
Fuse	A	C16	C25/C16	C16	C16	C16
Power rating	kW	7,2	7,2	7,2	7,2	7,2
Working pressure	bar (Mpa)	200	200	200	200	200
Water flow	l/h	890	890	890	890	890
Max. water flow	l/h	960	960	960	960	960
Max. water inlet temperature	°C	30	30	30	30	30
Max. water inlet pressure	bar (Mpa)	10	10	10	10	10
Min. water inlet pressure	bar (Mpa)	1	1	1	1	1
Dimensions LxWxH	mm	1010x700x1016	1010x700x1016	1010x700x1016	1010x700x1016	1010x700x1016
Weight	kg	167	166	165	165	167
Sound pressure level LPA.	dB(A)	76	76	76	78	76
Sound power level LWA	dB(A)	94	94	94	97	96
Cleaning impact	kg	5,5	5,5	5,5	5,5	5,5
Nozzle size	°/#	0475	0475	0475	0475	0475
Max water temperature (Hot / Steam)	°C	90/150	90/150	90/150	90/150	90/150
Fuel consumption delta T 45 °C	kg/h	3,8	3,8	3,8	3,8	3,8
Heating capacity	kW	66	66	66	66	66
Fuel tank	l	15	15	15	15	15
Boiler fuel type		Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel
Detergent tank	l	1x10	1x10	1x10	1x10	1x10

Technical specifications – MH55

Description	Unit	MH55M-100/760 PA 230/1/50 UK	MH55M-100/760 PAX 230/1/50 UK	MH55M-220/1100 FA 400/3/50 EU	MH55M-220/1100 FAX 400/3/50 EU	MH55M-220/1100 PAX 400/3/50 EU
Item number		107147125	107147126	107147107	107147108	107147109
Supply voltage	V/ph/Hz	230/1/50	230/1/50	400/3/50	400/3/50	400/3/50
Fuse	A	C13	C13	C16	C16	C16
Power rating	kW	2,9	2,9	7,9	7,9	7,9
Working pressure	bar (Mpa)	100	100	220	220	220
Water flow.	l/h	680	680	1050	1050	1050
Max. water flow.	l/h	760	760	1100	1100	1100
Max. water inlet temperature.	°C	30	30	30	30	30
Max. water inlet pressure	bar (Mpa)	10	10	10	10	10
Min. Water inlet pressure	bar (Mpa)	1	1	1	1	1
Dimensions LxWxH	mm	1188x700x1020	1188x700x1020	1188x700x1020	1188x700x1020	1188x700x1020
Dimensions LxWxH packaging	mm	1250x800x1240	1250x800x1240	1250x800x1240	1250x800x1240	1250x800x1240
Weight machine incl. Liquids	kg	166	171	173	178	178
Weight incl. packaging	kg	190	195	197	202	202
Sound pressure level LPA.	dB(A)	76	76	79	79	81
Sound power level LWA	dB(A)	91	91	94	94	96
Cleaning impact	kg	3,1	3,1	6,6	6,6	6,6
Nozzle size	°/#	0500	0500	0550	0550	0550
Max Water Temperature (Hot / Steam)	°C	90/150	90/150	90/150	90/150	90/150
Fuel consumption Delta T 45 °C	kg/h	3	3	4,5	4,5	4,5
Heating capacity	kW	78	78	85	85	85
Fuel tank	l	30	30	30	30	30
Boiler fuel type		Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel
Detergent tank	l	2x10	2x10	2x10	2x10	2x10

Description	Unit	MH55M-220/1100 FAX 230-400/3/50 NO	MH55M-180/800 PA 400/3/50 E24 EU	MH55M-180/800 PA 400/3/50 E36 EU	MH55M-220/1100 FA 220/440/3/60 EXPT
Item number		107147121	107147133	107147134	107147135
Supply voltage	V/ph/Hz	230-400/3/50	400/3/50	400/3/50	220/440/3/60
Fuse	A	C25/C16	C50	C63	C25/C16
Power rating	kW	7,9	29	41	7,9
Working pressure	bar (Mpa)	220	180	180	220
Water flow	l/h	1050	715	715	1050
Max. water flow	l/h	1100	800	800	1100
Max. water inlet temperature	°C	30	60	60	30
Max. water inlet pressure	bar (Mpa)	10	10	10	10
Min. water inlet pressure	bar (Mpa)	1	1	1	1
Dimensions LxWxH	mm	1188x700x1020	1010x700x1016	1010x700x1016	1188x700x1020
Dimensions LxWxH packaging	mm	1250x800x1240	1060x800x1204	1060x800x1204	1250x800x1204
Weight machine incl. Liquids	kg	181	158	165	204
Weight incl. packaging	kg	205	153	158	197
Sound pressure level LPA.	dB(A)	81	69	69	84
Sound power level LWA	dB(A)	96	90	90	96
Cleaning impact	kg	6,6	4,3	4,3	6,6
Nozzle size	°/#	0550	0400	0400	0550
Max water temperature (Hot / Steam)	°C	90/150	70	70	90/150
Fuel consumption delta T 45 °C	kg/h	4,5	N/A	N/A	4,5
Heating capacity	kW	85	N/A	N/A	85
Fuel tank	l	30	N/A	N/A	30
Boiler fuel type		Diesel/Biodiesel	N/A	N/A	Diesel/Biodiesel
Detergent tank	l	2x10	2x10	2x10	2x10

Technical specifications – MH65-85

Description	Unit	MH65P-175/1250 FA 400/3/50 EU	MH65P-175/1250 FAX 400/3/50 EU	MH65P-200/1300 FA 400/3/50 EU	MH65P-200/1300 FA 230/400/3/50 NO	MH65P-200/1300 FAX 400/3/50 EU	MH75P-180/1260 FA 400/3/50 EU	MH75P-180/1260 FA 230/400/3/50 NO
Item number		107147142	107147143	107147144	107147145	107147146	107147156	107147157
Supply voltage	V/ph/Hz	400/3/50	400/3/50	400/3/50	230/400/3/50	400/3/50	400/3/50	230/400/3/50
Fuse	A	C16	C16	C16	C25/C16	C16	C16	C25/C16
Power rating	kW	8,5	8,5	9,1	9,1	9,1	7,6	7,6
Working pressure	bar (Mpa)	175	175	200	200	200	180	180
Water flow.	l/h	1150	1150	1140	1140	1140	1170	1170
Max. water flow.	l/h	1250	1250	1300	1300	1300	1260	1260
Max. water inlet temperature.	°C	30	30	30	30	30	30	30
Max. water inlet pressure	bar (Mpa)	10	10	10	10	10	10	10
Min. Water inlet pressure	bar (Mpa)	1	1	1	1	1	1	1
Dimensions LxWxH	mm	1188x700x1020	1188x700x1020	1188x700x1020	1188x700x1020	1188x700x1020	1188x700x1020	1188x700x1020
Dimensions LxWxH packaging	mm	1250x800x1240	1250x800x1240	1250x800x1240	1250x800x1240	1250x800x1240	1250x800x1240	1250x800x1240
Weight machine incl. Liquids	kg	213	219	234	234	240	226	226
Weight incl. packaging	kg	206	212	227	227	223	219	219
Sound pressure level LPA.	dB(A)	84	83	85	85	85	82	82
Sound power level LWA	dB(A)	99	99	100	100	100	97	97
Cleaning impact	kg	6,7	6,7	7,4	7,4	7,4	6,8	6,8
Nozzle size	°/#	0750	0750	0680	0680	0680	0680	0680
Max Water Temperature (Hot / Steam)	°C	90/150	90/150	90/150	90/150	90/150	90/150	90/150
Fuel consumption Delta T 45 °C	kg/h	5,2	5,2	5,2	5,2	5,2	5,2	5,2
Heating capacity	kW	85	85	111	111	111	111	111
Fuel tank	l	30	30	30	30	30	30	30
Boiler fuel type		Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel
Detergent tank	l	2x10	2x10	2x10	2x10	2x10	2x10	2x10

Description	Unit	MH75P-180/1260 FAX 400/3/50 EU	MH75P-180/1260 FAX 230/400/3/50 NO	MH75P-180/1260 FA 200/3/50 JP	MH75P-180/1260 FA 200/3/60 JP	MH75P-180/1260 FA 415/3/50 AU	MH85P-180/2000 FA 400/3/50 EU	MH85P-180/2000 FAX 400/3/50 EU
Item number		107147158	107147159	107147160	107147161	107147162	107147150	107147151
Supply voltage	V/ph/Hz	400/3/50	230/400/3/50	200/3/50	200/3/60	415/3/50	400/3/50	400/3/50
Fuse	A	C16	C25/C16	C20	C20	C20	C32	C32
Power rating	kW	7,6	7,6	7,7	7,3	7,9	14,7	14,7
Working pressure	bar (Mpa)	180	180	180	180	180	180	180
Water flow.	l/h	1170	1170	1170	1170	1170	1950	1950
Max. water flow.	l/h	1260	1260	1260	1260	1260	2000	2000
Max. water inlet temperature.	°C	30	30	30	30	30	30	30
Max. water inlet pressure	bar (Mpa)	10	10	10	10	10	10	10
Min. Water inlet pressure	bar (Mpa)	1	1	1	1	1	1	1
Dimensions LxWxH	mm	1188x700x1020	1188x700x1020	1188x700x1020	1188x700x1020	1188x700x1020	1188x700x1020	1188x700x1020
Dimensions LxWxH packaging	mm	1250x800x1240	1250x800x1240	1250x800x1240	1250x800x1240	1250x800x1240	1250x800x1240	1250x800x1240
Weight machine incl. Liquids	kg	233	233	221	221	225	248	255
Weight incl. packaging	kg	226	226	214	214	218	241	248
Sound pressure level LPA.	dB(A)	82	82	82	82	82	86	86
Sound power level LWA	dB(A)	97	97	97	97	97	100	100
Cleaning impact	kg	6,8	6,8	6,8	6,8	6,8	10,8	10,8
Nozzle size	°/#	0680	0680	0680	0680	0680	1200	1200
Max Water Temperature (Hot / Steam)	°C	90/150	90/150	90/150	90/150	90/150	90/150	90/150
Fuel consumption Delta T 45 °C	kg/h	5,2	5,2	5,2	5,2	5,2	8,4	8,4
Heating capacity	kW	111	111	111	111	111	111	111
Fuel tank	l	30	30	30	30	30	30	30
Boiler fuel type		Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel
Detergent tank	l	2x10	2x10	2x10	2x10	2x10	2x10	2x10

Technical specifications – MH20-70

Description	Unit	MH20C-115/515 PA 230/1/50 EU	MH20C-115/515 PA 230/1/50 UK	MH30C-180/780 PA 400/3/50 EU	MH40M-190/940 PA 400/3/50 EU	MH40M-100/750 PA 230/1/50 UK
Item number		107147100	107147110	107147101	107147102	107147111
Supply voltage	V/ph/Hz	230/1/50	230/1/50	400/3/50	400/3/50	230/1/50
Fuse	A	C13	C13	C10	C16	C13
Power rating	kW	2,9	2,9	5,3	8,6	3,6
Working pressure	bar (Mpa)	115	115	180	190	100
Water flow	l/h	470	470	720	880	660
Max. water flow	l/h	515	515	780	940	750
Max. water inlet temperature	°C	30	30	40	40	40
Max. water inlet pressure	bar (Mpa)	10	10	10	10	10
Min. water inlet pressure	bar (Mpa)	1	1	1	1	1
Dimensions LxWxH	mm	1010x700x1016	1010x700x1016	1010x700x1016	1010x700x1016	1010x700x1016
Weight	kg	127	127	135	190	105
Sound pressure level LPA.	dB(A)	74	74	83	77	72
Sound power level LWA	dB(A)	92	92	102	95	91
Cleaning impact	kg	2,2	2,2	4,2	5,2	3,0
Nozzle size	°/#	0350	0350	0400	0500	0600
Max water temperature (Hot / Steam)	°C	90	90	90	90	90
Fuel consumption delta T 45 °C	kg/h	2,2	2,2	3,2	3,2	2,4
Heating capacity	kW	41	41	51	66	51
Fuel tank	l	15	15	15	15	15
Boiler fuel type		Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel
Detergent tank	l	NA	NA	NA	NA	NA

Description	Unit	MH30C-180/780 PA 230-400/3/50 NO	MH40M-190/940 PA 230/3/50 NO	MH50M-220/1100 PA 400/3/50 EU	MH60P-175/1250 FA 400/3/50 EU	MH70P-180/1260 FA 400/3/50 EU
Item number		107147112	107147113	107147165	107147148	107147166
Supply voltage	V/ph/Hz	230-400/3/50	230/3/50	400/3/50	400/3/50	400/3/50
Fuse	A	C16/C10	C25	C16	C16	C16
Power rating	kW	5,3	5,3	7,9	8,5	7,6
Working pressure	bar (Mpa)	180	190	220	175	180
Water flow	l/h	730	880	1050	1150	1170
Max. water flow	l/h	780	940	1100	1250	1260
Max. water inlet temperature	°C	40	40	40	40	40
Max. water inlet pressure	bar (Mpa)	10	10	10	10	10
Min. water inlet pressure	bar (Mpa)	1	1	2	1	1
Dimensions LxWxH	mm	1010x700x1016	1010x700x1016	1188x700x1020	1188x700x1020	1188x700x1020
Weight	kg	180	190	220	209	211
Sound pressure level LPA.	dB(A)	83	77	77	83	82
Sound power level LWA	dB(A)	102	95	96	98	97
Cleaning impact	kg	4,2	5,2	6,6	6,7	6,8
Nozzle size	°/#	0400	0500	0550	0750	0680
Max water temperature (Hot / Steam)	°C	90	90	90	90	90
Fuel consumption delta T 45 °C	kg/h	3,2	3,2	4,7	5,4	5,3
Heating capacity	kW	51	66	85	85	85
Fuel tank	l	15	15	30	30	30
Boiler fuel type		Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel
Detergent tank	l	NA	NA	NA	2x10	2x10

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