

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.

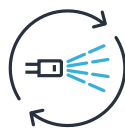
Cut costs. Cut emissions. Cut downtime

Efficiency at its core. The MH range delivers powerful, reliable cleaning while cutting costs, downtime, and CO₂ 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*



Driven by innovation. Perfected for performance

The real magic begins in the biofuel-ready boiler. By pre-heating water, our new patented, industry-leading boiler achieves up to 96% energy efficiency—boosting performance, cutting fuel consumption, and delivering real cost savings. Its cleaner, more efficient burn also means less soot and lower emissions by up to 80%.

Tested according to the standards of EUnited Cleaning—the European Cleaning Machines Association, the burner is certified as highly efficient with low fuel use and minimal emissions.

Our high-efficiency boilers come in two models—Energy Efficient boiler and EcoPower™ boiler. Both approved by the EUnited.



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

CO₂ reduction

~ 80 %

Cut emissions and burn
cleaner with biofuel

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 CO₂ 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	✗	✓
Lance	Universal lance	Pressure adjustable lance (Tornado)
Interface	Simple dial control system	Waterproof LCD display system
Lock machine to specific settings	✗	✓
Service Indicator & pop-ups	✗	✓
Machine Diagnostics & Fault Finding	✗	✓
Fuel sensor	✓	✓
Patent-pending Flame Sensor	✗	✓
Anti Stone System	✗	✓
Steam function	✗	✓
*Hose Reel	✗	✓
*Ceramic Pistons	✓	✓
*Flow Activated	✓	✓

The MH Advanced 55M-65P-75P-85P and MH Standard 60P-70P will be available in 2027

*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 performance 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-200/960 FA 230-400/3/50 NO	MH45M-200/960 FA 400/3/50 EU
Item number		107147123	107147124	107147117	107147104
Supply voltage	V/ph/Hz	230/1/50	230/1/50	230-400/3/50	400/3/50
Fuse	A	C13	CC13	C25/C16	C16
Power rating	kW	2,9	2,9	7,2	7,2
Working pressure	bar (Mpa)	100	100	200	200
Water flow	l/h	630	630	890	890
Max. water flow	l/h	680	680	960	960
Max. water inlet temperature	°C	30	30	30	30
Max. water inlet pressure	bar (Mpa)	10	10	10	10
Min. water inlet pressure	bar (Mpa)	1	1	1	1
Dimensions LxWxH	mm	1010x700x1016	1010x700x1016	1010x700x1016	1010x700x1016
Weight	kg	151	154	168	167
Sound pressure level LPA.	dB(A)	71	71	76	76
Sound power level LWA	dB(A)	89	89	94	94
Cleaning impact	kg	2,7	2,7	5,5	5,5
Nozzle size	°/#	0475	0475	4750	4750
Max water temperature (Hot / Steam)	°C	90/150	90/150	90/150	90/150
Fuel consumption delta T 45 °C	kg/h	2,7	2,7	3,8	3,8
Heating capacity	kW	51	51	66	66
Fuel tank	l	15	15	15	15
Boiler fuel type		Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel
Detergent tank	l	1x10	1x10	1x10	1x10

Description	Unit	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		107147118	107147105	107147106	107147129
Supply voltage	V/ph/Hz	230-400/3/50	400/3/50	400/3/50	220/440/3/60
Fuse	A	C25/C16	C16	C16	C16
Power rating	kW	7,2	7,2	7,2	7,2
Working pressure	bar (Mpa)	200	200	200	200
Water flow	l/h	890	890	890	890
Max. water flow	l/h	960	960	960	960
Max. water inlet temperature	°C	30	30	30	30
Max. water inlet pressure	bar (Mpa)	10	10	10	10
Min. water inlet pressure	bar (Mpa)	1	1	1	1
Dimensions LxWxH	mm	1010x700x1016	1010x700x1016	1010x700x1016	1010x700x1016
Weight	kg	166	165	165	167
Sound pressure level LPA.	dB(A)	76	76	78	76
Sound power level LWA	dB(A)	94	94	97	96
Cleaning impact	kg	5,5	5,5	5,5	5,5
Nozzle size	°/#	4750	4750	0475	0475
Max water temperature (Hot / Steam)	°C	90/150	90/150	90/150	90/150
Fuel consumption delta T 45 °C	kg/h	3,8	3,8	3,8	3,8
Heating capacity	kW	66	66	66	66
Fuel tank	l	15	15	15	15
Boiler fuel type		Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel
Detergent tank	l	1x10	1x10	1x10	1x10

Technical specifications – MH20-50

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

Description	Unit	MH40M-100/750 PA 230/1/50 UK	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
Item number		107147111	107147112	107147113	107147165
Supply voltage	V/ph/Hz	230/1/50	230-400/3/50	230/3/50	400/3/50
Fuse	A	C13	C16/C10	C25	C16
Power rating	kW	3,6	5,3	5,3	7,9
Working pressure	bar (Mpa)	100	180	190	220
Water flow	l/h	660	730	880	1050
Max. water flow	l/h	750	780	940	1100
Max. water inlet temperature	°C	40	40	40	40
Max. water inlet pressure	bar (Mpa)	10	10	10	10
Min. water inlet pressure	bar (Mpa)	1	1	1	2
Dimensions LxWxH	mm	1010x700x1016	1010x700x1016	1010x700x1016	1188x700x1020
Weight	kg	105	180	190	220
Sound pressure level LPA.	dB(A)	72	83	77	77
Sound power level LWA	dB(A)	91	102	95	96
Cleaning impact	kg	3,0	4,2	5,2	6,6
Nozzle size	°/#	0600	0400	0500	0550
Max water temperature (Hot / Steam)	°C	90	90	90	90
Fuel consumption delta T 45 °C	kg/h	2,4	3,2	3,2	4,7
Heating capacity	kW	51	51	66	85
Fuel tank	l	15	15	15	30
Boiler fuel type		Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel
Detergent tank	l	NA	NA	NA	NA

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