

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<sub>2</sub> 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 EUUnited 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 EUUnited.



# 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 machines

# 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	Advanced range
	MH20-30-40-50-60-70	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 35C-45M-55M and MH Standard 30C-40M-50M will launch in February 2026

The MH Advanced 35M-45M-55M-65P-75P-85P and MH Standard 20C-60P-70P will launch in September 2026

The MH Advanced 55M E will launch in November 2026

\*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

Description	Unit	MH30C-180/780 PA 400/3/50 EU	MH40M-190/940 PA 400/3/50 EU	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		107147101	107147102	107147111	107147112	107147113	107147165
Supply voltage	V/ph/Hz	400/3/50	400/3/50	230/1/50	230-400/3/50	230/3/50	400/3/50
Fuse	A	C10	C16	C13	C16/C10	C25	C16
Power rating	kW	5,6	8,6	2,8	5,7	7,3	7,9
Working pressure	bar (Mpa)	180	190	100	180	190	220
Water flow.	l/h	720	880	660	730	880	1050
Max. water flow.	l/h	780	940	750	780	940	1100
Sound pressure level LPA.	°C	83	77	72	83	77	77
Sound power level LWA	dB(A)	102	95	91	102	95	96
Cleaning impact	kg	4,2	5,2	3,1	4,2	5,2	6,6
Nozzle size	"/#	0400	0500	0600	0400	0500	0550
"Max Water Temperature (Hot / Steam)"	°C	90	90	90	90	90	90
Fuel consumption Delta T 45 °C	kg/h	3,1	4,1	3,0	3,2	4,1	4,7
Heating capacity	kW	51	66	51	51	66	85
Fuel tank	l	15	15	15	15	15	30
Boiler fuel type		Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel
Detergent tank	l	NA	NA	NA	NA	NA	NA

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	MH45M-100/680 PA 230/1/50 UK	MH45M-100/680 PAX 230/1/50 UK
Item number		107147116	107147103	107147153	107147155	107147123	107147124
Supply voltage	V/ph/Hz	230-400/3/50	400/3/50	230/1/50	230/1/50	230/1/50	230/1/50
Fuse	A	C16	C10	C16	C16	C13	CC13
Power rating	kW	5,3	5,3	3,7	3,7	2,9	2,9
Working pressure	bar (Mpa)	180	180	145	145	100	100
Water flow.	l/h	710	710	530	530	630	630
Max. water flow.	l/h	780	780	600	600	680	680
Sound pressure level LPA.	°C	83	83	81	81	71	71
Sound power level LWA	dB(A)	102	102	99	99	89	89
Cleaning impact	kg	4,2	4,2	2,9	2,9	2,7	2,7
Nozzle size	"/#	0400	0400	0340	0340	0475	0475
"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	2,7	2,7
Heating capacity	kW	51	51	51	51	51	51
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

Description	Unit	MH45M-200/960 FA 230-400/3/50 NO	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	MH55M-100/760 PA 230/1/50 UK
Item number		107147117	107147104	107147118	107147105	107147106	107147125
Supply voltage	V/ph/Hz	230-400/3/50	400/3/50	230-400/3/50	400/3/50	400/3/50	230/1/50
Fuse	A	C25/C16	C16	C25/C16	C16	C16	C13
Power rating	kW	7,2	7,2	7,2	7,2	7,2	2,9
Working pressure	bar (Mpa)	200	200	200	200	200	100
Water flow.	l/h	890	890	890	890	890	680
Max. water flow.	l/h	960	960	960	960	960	760
Sound pressure level LPA.	°C	76	76	76	76	78	73
Sound power level LWA	dB(A)	94	94	94	94	97	91
Cleaning impact	kg	5,5	5,5	5,5	5,5	5,5	3,1
Nozzle size	°/#	4750	4750	4750	4750	0475	0500
"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	3,8	3,8	3,8	3,8	3,8	2,9
Heating capacity	kW	66	66	66	66	66	78
Fuel tank	l	15	15	15	15	15	30
Boiler fuel type		Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel	Diesel/Biodiesel
Detergent tank	l	1x10	1x10	1x10	1x10	1x10	2x10

Description	Unit	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	MH55M-220/1100 FAX 230-400/3/50 NO
Item number		107147126	107147107	107147108	107147109	107147121
Supply voltage	V/ph/Hz	230/1/50	400/3/50	400/3/50	400/3/50	400/3/50
Fuse	A	C13	C16	C16	C16	C25/C16
Power rating	kW	2,9	7,9	7,9	7,9	7,9
Working pressure	bar (Mpa)	100	220	220	220	220
Water flow.	l/h	680	1050	1050	1050	1050
Max. water flow.	l/h	760	1100	1100	1100	1100
Sound pressure level LPA.	°C	73	75	75	77	77
Sound power level LWA	dB(A)	91	94	94	96	96
Cleaning impact	kg	3,1	6,6	6,6	6,6	6,6
Nozzle size	°/#	0500	0550	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	2,9	4,5	4,5	4,6	4,6
Heating capacity	kW	78	85	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

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