



MBC



MBT



MBSC

MOBILE BOILERS

Powerful mobile boilers from
100 to 500 kW

THERMOBILE

mobile climate solutions

Thermobile - Specialist in mobile heating and hot water systems

Thermobile develops and manufactures high-quality mobile heating and hot water systems for industrial and commercial applications. In addition to our well-known heating solutions, we now also offer powerful and flexible boilers, designed for efficient hot water delivery in various situations.

The application range of Thermobile boilers



CONSTRUCTION & INFRASTRUCTURE

Thermobile boilers provide a reliable heat supply on construction sites, even under extreme weather conditions. Ideal for heating workspaces, drying concrete, and preventing frost damage.



EVENTS & TEMPORARY FACILITIES

For temporary locations such as tents, festivals, and emergency shelters, our boilers provide efficient and rapid heating. Compact and mobile, easy to install, and suitable for a wide range of applications.



INDUSTRY & PROCESS HEATING

Our boilers support industrial processes by providing a constant and reliable heat source. Suitable for production halls, warehouses, and other industrial applications where temperature control is crucial.



RENTAL & TEMPORARY HEATING

Our boilers are ideal for rental applications and temporary heating needs. With their robust construction, mobility, and easy installation, they can be deployed quickly and flexibly for a wide range of projects.



MBT-165 - 100-165 kW MBT-350 - 200-350 kW

The Thermobile MBT is the mobile solution for powerful hot water supply, ideal for temporary and flexible applications. Available in two variants – the MBT-165 and MBT-350 – this boiler features a two-stage heating system for optimal efficiency and energy savings. Its robust trailer makes it easy to transport and ready for immediate use. With integrated temperature control and the option to connect heavier pumps, the MBT is perfect for larger installations. Reliable, safe, and efficient – wherever you need hot water.

Pump bypass

Equipped with a bypass, allowing easy connection of an external pump for larger circuits and optimal water circulation.

Simple operation

Fitted with a user-friendly Siemens display, enabling easy adjustment of temperature and settings.

Trailer

Fully integrated into a sturdy, mobile trailer, making it easy to transport and quickly deployable at various locations.

Fuel

Compatible with multiple fuels, including diesel, HVO (Hydrotreated Vegetable Oil), and GTL (Gas-to-Liquid), ensuring sustainable and flexible operation.

Safety

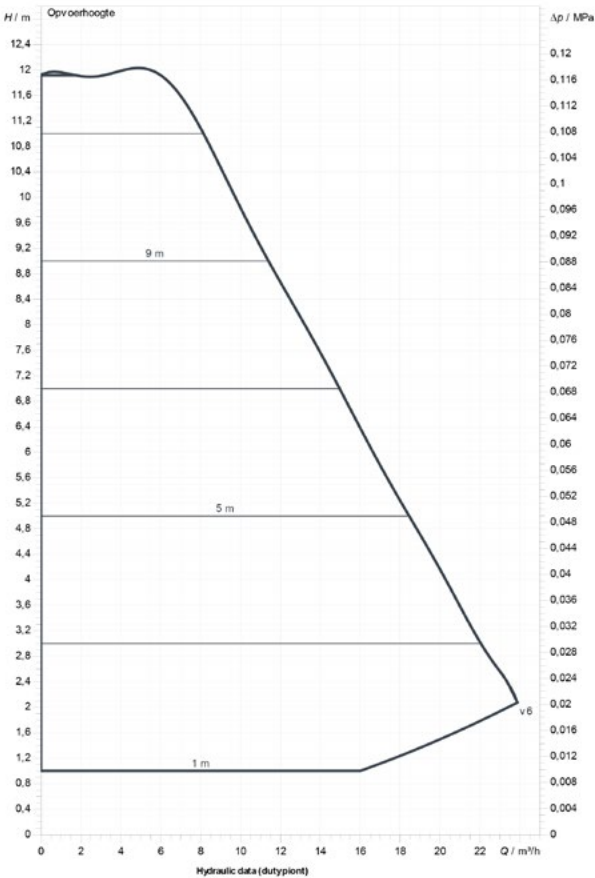
Equipped with advanced safety features, including a pressure relief valve, fire damper, and high-limit thermostats, for reliable and safe operation.

TECHNICAL SPECIFICATIONS MBT

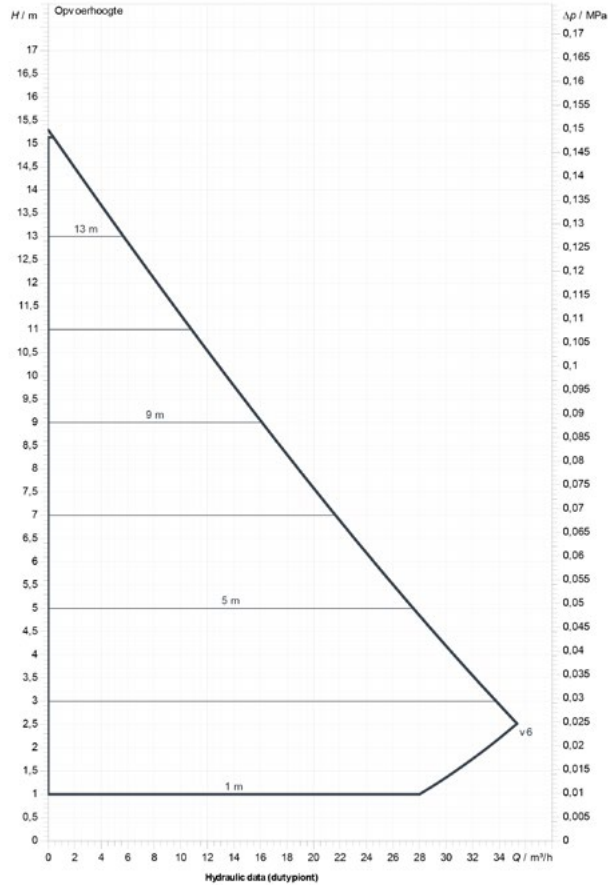
MBT		165	350
Max. output temperature	°C	90	90
Net. capacity low	kW	100	200
Net. capacity high	kW	165	350
Net. efficiency 2nd stage	%	>95	>95
Burner		Riello RL 22 BLU	Riello RL 44
Fuel tank capacity	l	700	1500
Max. fuel consumption	l/h	10 / 16	20 / 35
Fuel type		Diesel - Petroleum/Kerosene - HVO - GTL	
Oil filter		With tigerloop / oil-water separator	
Power supply	V/ph/Hz	230 / 1 / 50	230 / 1 / 50
Input amperage	A	5	6
Expansion vessel	l	140	200
Flow circuit	m³/h	7	15
Max. system pressure	Bar	5	5
Connections	Inch	2 - camlock	2 - camlock
Filling point connections	Inch	½	½
Automatic air vent		Yes	Yes
Dry weight	kg	1700	2200
Dimensions LxWxH	cm	435 x 228 x 266	485 x 228 x 268

Bestelnummer	30.165.000	30.350.000
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PUMP SPECIFICATIONS MBT-165



PUMP SPECIFICATIONS MBT-350





MBSC-165 - 100-165 kW

MBSC-350 - 200-350 kW

When fast and reliable hot water is essential, the Thermobile MBSC provides a flexible and ready-to-use solution. Available as the MBSC-165 and MBSC-350, this mobile unit combines high capacity with smart energy efficiency through its two-stage heating system. Housed in a durable 10-foot container, it is easy to transport and quick to deploy. With precise temperature control and support for heavy-duty pump systems, the MBSC is built for demanding applications and large-scale installations. A practical choice for those who value both performance and dependability.

Pump bypass

Equipped with a bypass, allowing easy connection of an external pump for larger circuits and optimal water circulation.

Simple operation

Fitted with a user-friendly Siemens display, enabling easy adjustment of temperature and settings.

Container

Fully integrated into a 10-foot container, making it easy to transport and ensuring it can be used reliably and safely at various locations.

Fuel

Compatible with multiple fuels, including diesel, HVO (Hydrotreated Vegetable Oil), and GTL (Gas-to-Liquid), ensuring sustainable and flexible operation.

Safety

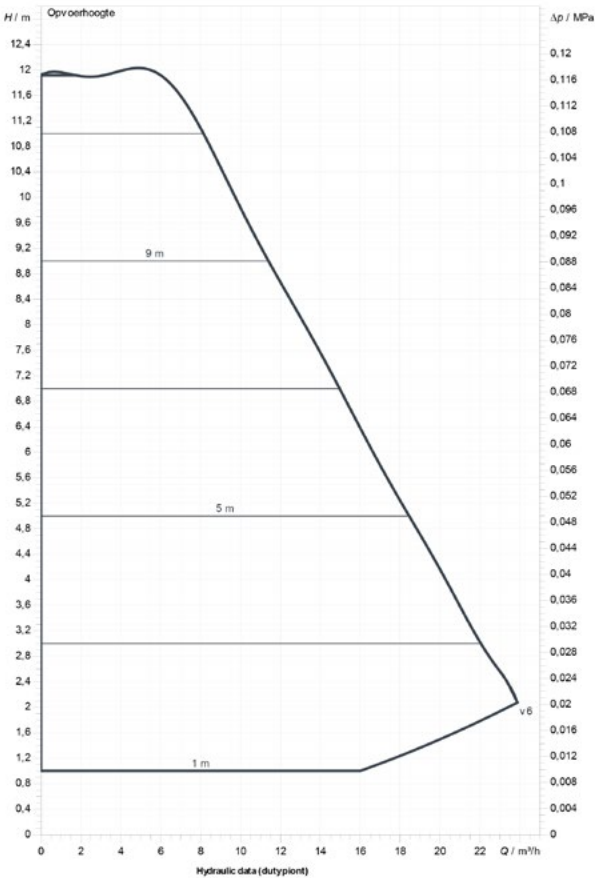
Equipped with advanced safety features, including a pressure relief valve, fire damper, and high-limit thermostats, for reliable and safe operation.

TECHNICAL SPECIFICATIONS MBSC

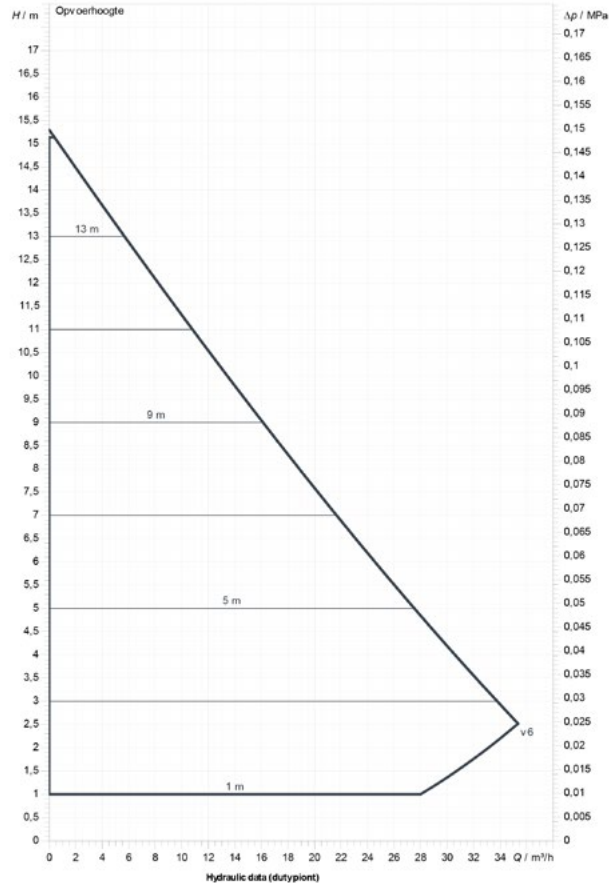
MBSC		165	350
Max. output temperature	°C	90	90
Net. capacity low	kW	100	200
Net. capacity high	kW	165	350
Net. efficiency 2nd stage	%	>95	>95
Burner		Riello RL 22 BLU	Riello RL 44
Fuel tank capacity	l	2000	2000
Max. fuel consumption	l/h	10 / 16	20 / 35
Fuel type		Diesel - Petroleum/Kerosine - HVO - GTL	
Oil filter		Met tigerloop / olie-water afscheider	
Power supply	V/ph/Hz	230 / 1 / 50	230 / 1 / 50
Input amperage	A	5	6
Expansion vessel	l	200	200
Flow circuit	m³/h	7	15
Max. system pressure	Bar	5	5
Connections	Inch	2 - camlock	2 - camlock
Filling point connections	Inch	½	½
Automatic air vent		Ja	Ja
Dry weight	kg	2600	2900
Dimensions LxWxH	cm	2991 x 2438 x 2591	2991 x 2438 x 2591

Bestelnummer	30.166.000	30.351.000
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PUMP SPECIFICATIONS MBSC-165



PUMP SPECIFICATIONS MBSC-350





MBC-500 - 250-500 kW

For large-scale hot water applications, the Thermobile MBC-500 delivers unparalleled performance. With a two-stage heating system and a large primary circuit of 700 liters, this boiler ensures stable and efficient heat transfer through the high-quality plate heat exchanger. Thanks to the dual water circuit, it can also supply clean water, making it ideal for shower installations and sanitary applications. Easy to move with a forklift or crane, and equipped with smart safety features, the MBC-500 is the perfect choice for continuously reliable heat.

Double water circuit

Equipped with a dual water circuit, allowing both heated water for industrial applications and clean water for applications such as shower installations to be supplied.

Extended controls

Advanced PLC control, enabling easy adjustment of drying programs and other settings for optimal performance and user convenience.

Transport

Designed for easy movement, with forklift slots and lifting eyes, making it easy to transport to various locations.

Fuel

Compatible with multiple fuels, including diesel, HVO (Hydrotreated Vegetable Oil), and GTL (Gas-to-Liquid), ensuring sustainable and flexible operation.

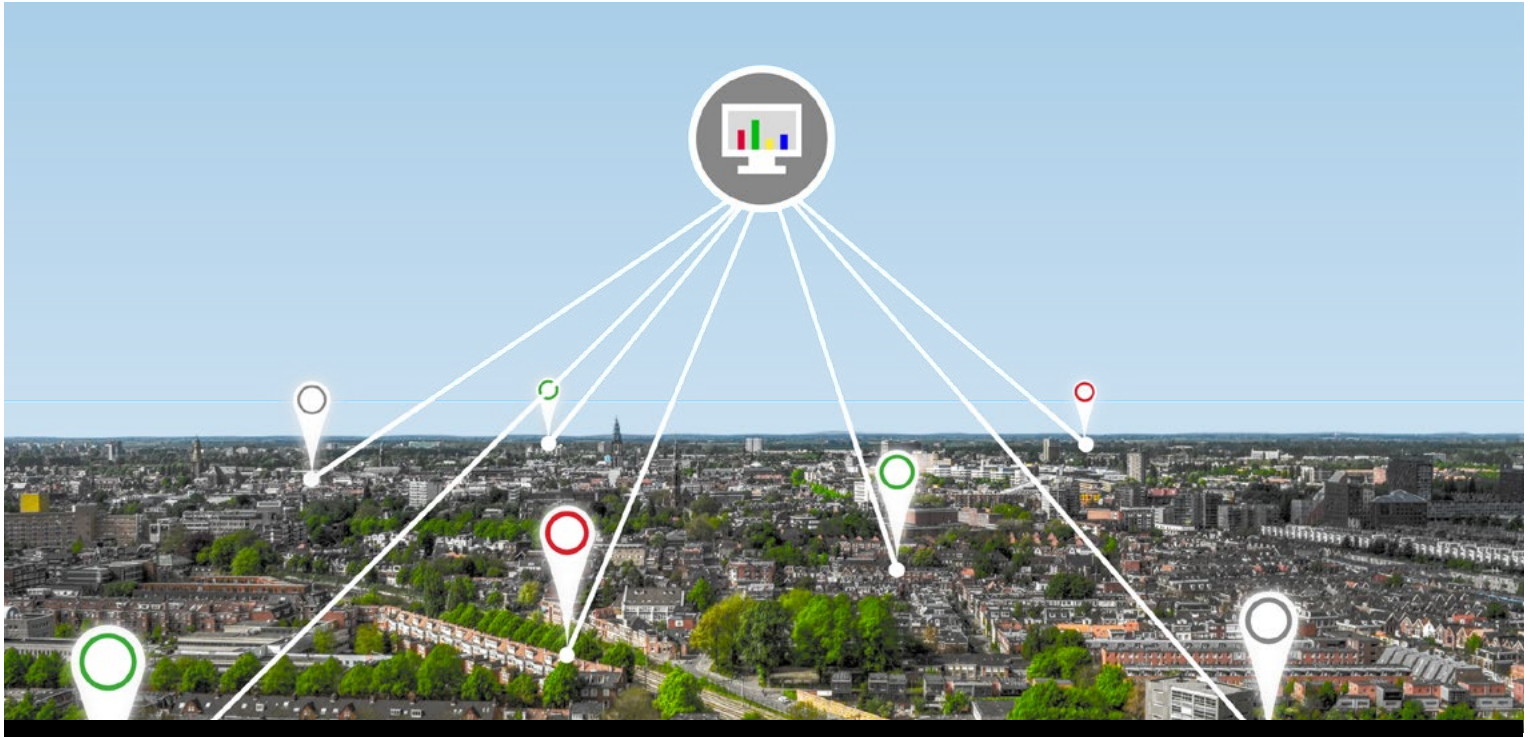
Safety

Equipped with advanced safety features, including a pressure relief valve, fire damper, and high-limit thermostats, for reliable and safe operation.

TECHNICAL SPECIFICATIONS MBC

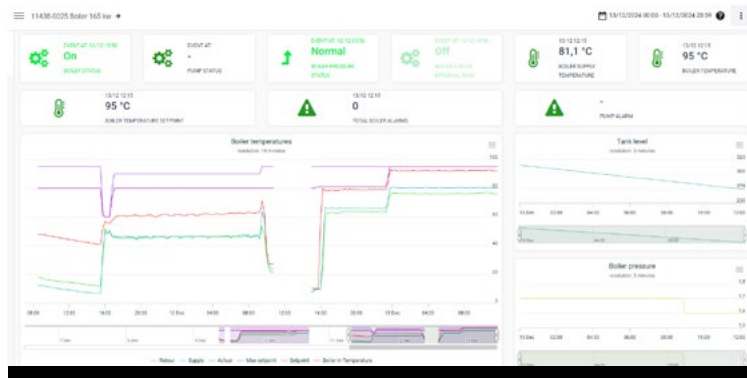
MBC		500
Max. output temperature	°C	80
Net. capacity low	kW	250
Net. capacity high	kW	500
Net. efficiency 2nd stage	%	95.5
Burner		Riello RL50 2 traps
Max. fuel consumption	l/u	52
Fuel type		Diesel - Petroleum/Kerosene - HVO - GTL
Oil filter		With tigerloop / oil-water separator
Power supply	V/ph/Hz	400 / 3 / 50
Input amperage	A	3.2
Primary circuit capacity	l	700
Expansion vessel	l	135
Glycol primary circuit	%	30
Flow rate secondary circuit	m³/u	22
Max. system pressure secondary circuit	Bar	10
Secondary circuit connections	Inch	2 - camlock
Filling point connections	Inch	½
Water hammer arrester		Secundair circuit
Water filter		Secundair circuit
Automatic air vent		Ja
Weight filled (primary circuit)	kg	3100
Dimensions LxWxH	cm	385 x 120 x 231
Bestelnummer		30.500.000

FLEET MANAGER



FLEET MANAGER FOR BOILERS – COMPLETE INSIGHT AND CONTROL

In addition to our heaters, Thermobile boilers can also be equipped with the Fleet Manager for optimal management and remote monitoring. The MBC and MBT models are equipped with Calculus hardware that provides real-time data insights. This allows users to easily monitor and manage the performance and status of their boilers, both from their computer and via the mobile app.



OPTIONS MBC & MBT

In addition to standard functionalities, such as monitoring operating hours, on/off status, and faults, the Fleet Manager for boilers offers additional features:

■ Pressure sensor in the circuit

A pressure sensor continuously monitors the water pressure, enhances safety, and prevents damage by signaling deviations in time.

■ Fuel volume

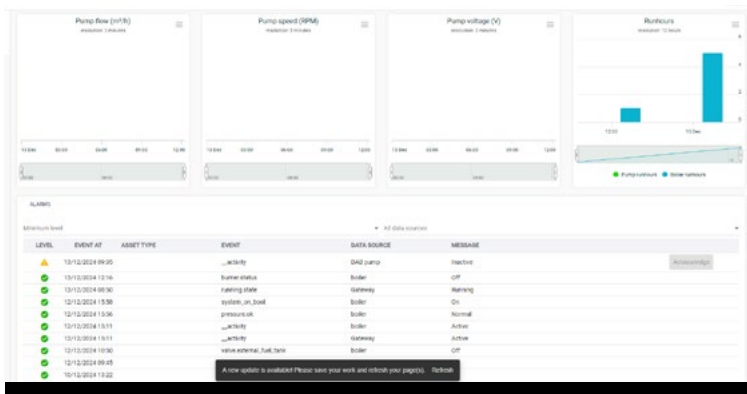
With tank volume measurement, you always know the remaining fuel level, making maintenance and refueling more manageable and planned.

MBT

Specifically for the MBT models, it is possible to perform additional measurements of the water pump:

- Pump speed
- Pump flow
- Pump voltage

The smart water pump combined with Fleet manager provides insights into pump speed, water flow, and voltage. This optimizes circulation, increases efficiency, and prevents failures through early detection of deviations.



calculus

To use our Fleet Manager modules, a subscription with Calculus is required. Registering your module and subscribing is easy through calculus.group/thermobileregistration. For more information about Calculus, please visit calculus.group.

THERMOBILE

mobile climate solutions



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