



MICRON SERIES



**HOT/MELT
MELTERS WITH
PISTON PUMP**

Design and the **cutting-edge technology** have come together to create the **Meler Gluing Solutions Micron series**



reddot award 2014
winner



Gluing Solutions

MICRON SERIES

HOT/MELT MELTERS WITH PISTON PUMP

is synonymous with Efficiency

Micron combines design and technology for optimum performance and profitable solutions.



MICRON 5



MICRON 10



ENERGY EFFICIENCY

This innovative product fully reduces the per kilo energy consumption of melt adhesive, resulting in significant cost and maintenance savings.

MELTING AND PUMPING EFFICIENCY

The temperature is distributed evenly over the entire contact surface of the tank, enabling thorough and efficient melting of the adhesive.

Pumping is maintained at a regular rate thanks to the careful design of the tank/pump/pneumatic unit



USE AND MAINTENANCE EFFICIENCY

The melter's easy, user-friendly control panel facilitates the day-to-day work of the operator.

The large tank lid opens fully to enable charging and cleaning the tank.

In just a few steps full access is provided to the interior of the melter.

Micron's safety features keep the casing cool and its valve depressurizes the adhesive pressure system in case of alarm or if the melter switches off.

OTHER ADVANTAGES

FULL
ACCESSIBILITY

FULLY
INSULATED
HEATING
ELEMENTS

QUICK
AND EASY
TO CLEAN

COOL TOUCH
EXTERNAL
CASING,
INCLUDING THE
DISTRIBUTOR

EASY TO
USE

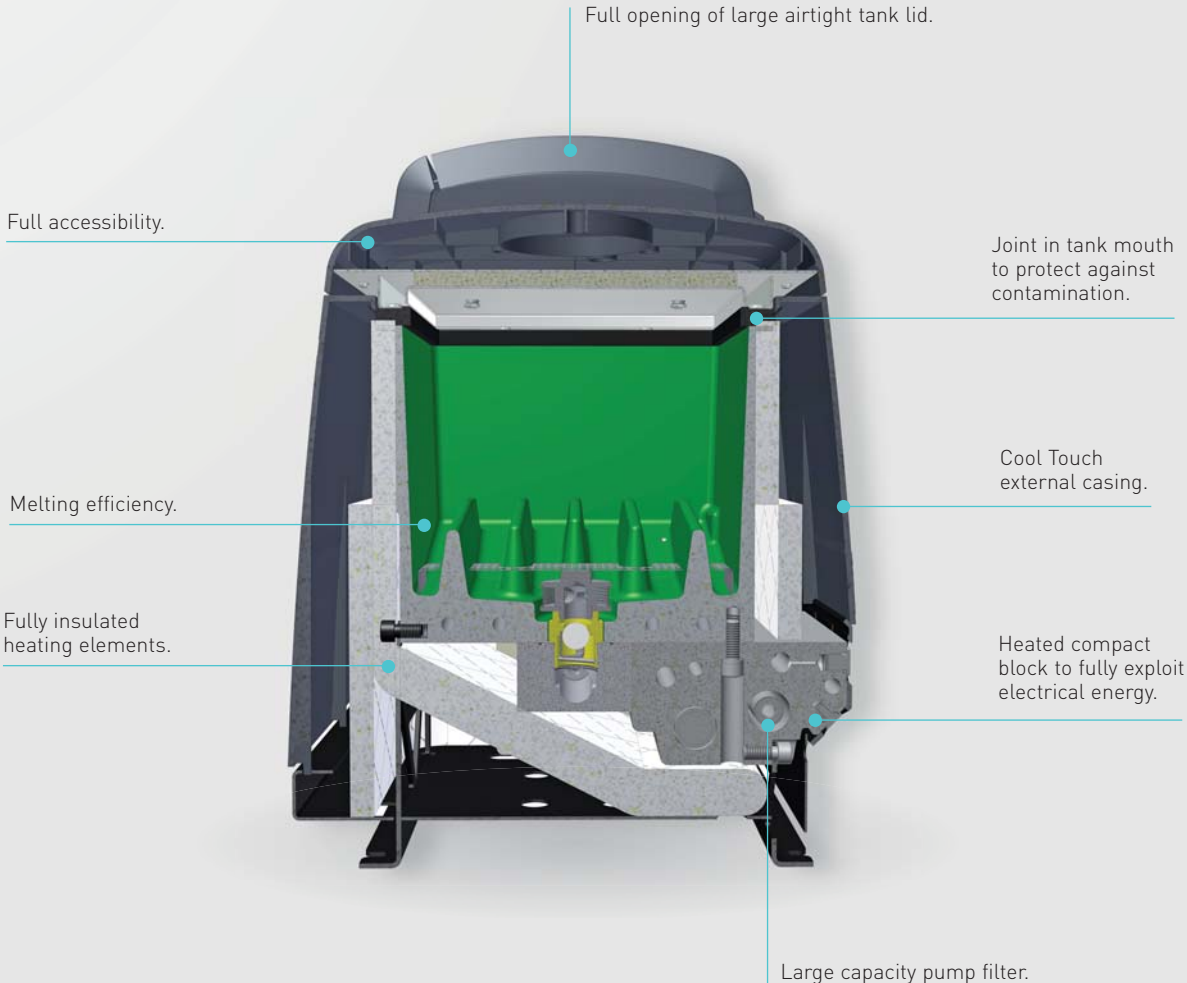
With its reduced size and rounded edges, the cutting-edge design of the Micron series enables it to be harmoniously integrated into any type of installation of machine.



MICRON 20



MICRON 35



ENERGY EFFICIENCY

UNIFORM DISTRIBUTION OF TEMPERATURE

ITS DESIGN SIMPLIFIES THE DAY-TO-DAY WORK OF THE OPERATOR

MICRON SERIES

HOT/MELT MELTERS WITH PISTON PUMP

technical features

MICRON 5



MICRON 10



MICRON 20



MICRON 35



| | | | | |
|---|---|--|--|---|
| Holding capacity: | 5.15 litres | 9.7 litres | 19.7 litres | 37.4 litres |
| Maximum permitted block volume: | LEVEL A 192 mm LEVEL B 182 mm LEVEL C 106 mm | 192 mm 267 mm 140 mm | 263 mm 273 mm 234 mm | 299 mm 299 mm 342 mm |
| Maximum melting capacity: | 9 kg/h (*) | 13.5 kg/h (*) | 19 kg/h (*) | 30 kg/h (*) |
| Pumping rate: | 29.3 kg/h pump 7 cc (*) 66.0 kg/h pump 19 cc (*) | | | |
| Number of outputs: | 2, 4 or 6 | | | |
| Temperature range: | 40 to 200°C (104 to 392°F) | | | |
| Temperature control: | RTD ± 0,5°C (± 1°F) | | | |
| Maximum working pressure (6 bar): | 81.6 bar (1.183 psi) | | | |
| Maximum installed power (230 VAC): | 4,700 W (2 outputs) 7,100 W (4 outputs) 9,500 W (6 outputs) | 5,700 W (2 outputs) 8,100 W (4 outputs) 10,500 W (6 outputs) | 6,200 W (2 outputs) 8,600 W (4 outputs) 11,000 W (6 outputs) | 7,700 W (2 outputs) 10,100 W (4 outputs) 12,500 W (6 outputs) |
| External functions: | Temperature output OK, low level output, input under maintenance, output inhibition external control. | | | |
| Electrical requirements: | 1 ~ N/PE 230V 50/60 Hz or 3 ~ N/PE 400/230V 50/60 Hz 3 ~ PE 230V 50/60 Hz or 3 ~ PE 400V 50/60 Hz with transformer base. | | | |
| Dimensions (L x W x H): | 587 x 341 x 481 587 x 341 x 628 (open lid) | 671 x 341 x 481 671 x 341 x 760 (open lid) | 671 x 382 x 524 671 x 382 x 875 (open lid) | 738 x 435 x 673 738 x 435 x 1067 (open lid) |
| Weight: | 37.5 kg (without charging) | 45.7 kg (without charging) | 60.2 kg (without charging) | 90.1 kg (without charging) |
| Options: | Temperature range from 40 to 230°C (104 to 446°F), VP-200 automatic pressure control, transformer base for 400 VAC without neutral (not available for micron 35), air input filter, low-level sensor with or without warning light, granulate feeder. | | | |

* Depending on the type of adhesive.

MELER reserves the right to modify the content of this catalogue without prior notice.

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For more information speak with your Meler representative:

meler 

Meler Gluing Solutions
Pol. Los Agustinos, c/G, nave D-43
E-31160 Orcoyo - Navarre - Spain
Phone: +34 948 351 110
Fax: +34 948 351 130
info@meler.es
www.meler.eu

CE

