

micron series piston pump

Equipment for the future

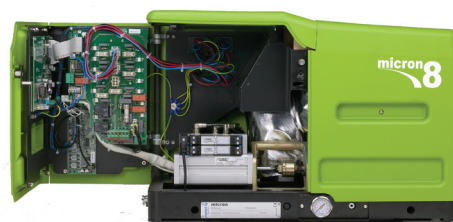
This new Meler melter equipment series is simple to operate and provides complete access while meeting the needs of today's most demanding applications. The design techniques used in its development make **micron** series a group of machines for the future

Multifunctional Electronic Control

The new electronic control design is aimed at keeping the machine simple to use. This has always been a characteristic of Meler equipment.

Accessibility

The new **micron** series machine's accessibility is a big advantage compared to other models. It provides quick access to the internal machine equipment (electronic and pneumatic parts). For this reason, all the **micron** machines are equipped with a double side-opening door, which provides total accessibility.



Connections

All **micron** series electrical and hydraulic hose connections are located in the rear of the machine, where the main machine is normally located.



Tank

The new micron equipments have a large tank loading zone, as well as a tank drain valve, making its filling and emptying easier. In addition, it includes large contact zones, providing an optimal melting ratio and optionally a low level detector.

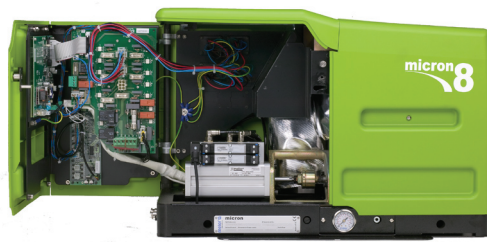
Compatibility

Compatibility is one of the main characteristics of **micron** series equipments. They have been manufactured with the capability of using either Pt100 or Ni120 probes. They can therefore substitute any equipment on the market.

Safety

The depressurization valve on the **micron** series equipments is included as standard and releases any residual pump pressure when its electropneumatic power is lost or switch off.

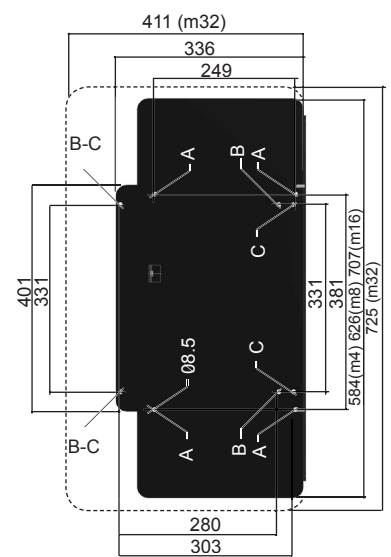
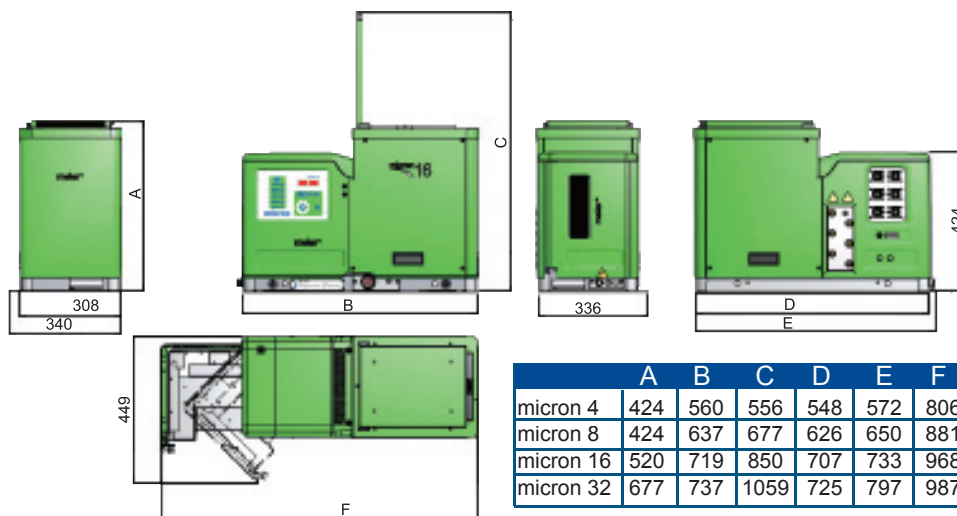




TECHNICAL CHARACTERISTICS

	micron 4	micron 8	micron 16	micron 32
Tank capacity	4 liters	8 liters	16 liters	32 liters
Pumping rate	29,3 kg/h 7cc pump(*) 66,0 kg/h 19cc pump (*)			
Melting rate	6 kg/h (*)	11,2 kg/h (*)	18 kg/h (*)	30 kg/h (*)
Number of outputs	2, 4 or 6			
Temperature range	40 to 200°C (104 a 392°F)			
Temperature control	RTD ±0,5°C (±1°F)			
Max. working pressure (at 6 bar)	81,6 bar {1183 psi}			
Max. installation power (at 230 VAC)	5.200 W (2 outputs) 7.600 W (4 outputs) 10.000 W (6 outputs)	6.200 W (2 outputs) 8.600 W (4 outputs) 11.000 W (6 outputs)	6.700 W (2 outputs) 9.100 W (4 outputs) 11.500 W (6 outputs)	7.850 W (2 outputs) 10.225 W (4 outputs) 12.650 W (6 outputs)
External functions	Temperature ok output Low level output External stand-by activation Outputs enabled external control			
Electrical requirements	1 x 230 VAC + N + PE 50/60 Hz 3 x 230 VAC + PE 50/60 Hz 3 x 400 VAC + N + PE 50/60 Hz			
Dimensions (L x W x H)	560x308x424	637x308x424	719x308x520	737x429x677
Weight	48,1 kg (empty)	52,7 kg (empty)	67,9 kg (empty)	97,5 kg (empty)
Options	Temp. range 40 to 230°C (104 to 446°F) VP/200 Automatic pressure control 400 VAC electrical power supply without neutral Air intake filter Low level detector Automatic feeding system			

* Depending on adhesive type



A. micron 4, 8, 16 and 32 equipment set up
B. replacement of ML-240-ST series equipment
C. replacement of ML-260-ST series equipment

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