



## Macro Series

Melter with a high melting rate for pellet adhesives.  
For continuous flow applications with a high dosing accuracy.  
Simple and easy access to the charging zone.

GLUING SOLUTIONS

- This unit has a wide manual and automatic flow rate adjustment range. The flow rate is adjusted by means of regulating the speed of the 10-80 rpm pump motor.
- Simple and easy access to the charging zone.
- The electrical and hydraulic connections can be located on the rear and sides of the unit, according to the application needs (only up to two pumps).
- The bypass valve of the pumps of the unit is a vital safety element, since it limits the maximum pressure in the system.
- The inside of the unit can be easily accessed thanks to its removable panels and movable electrical cabinet, which make it even easier to maintain.

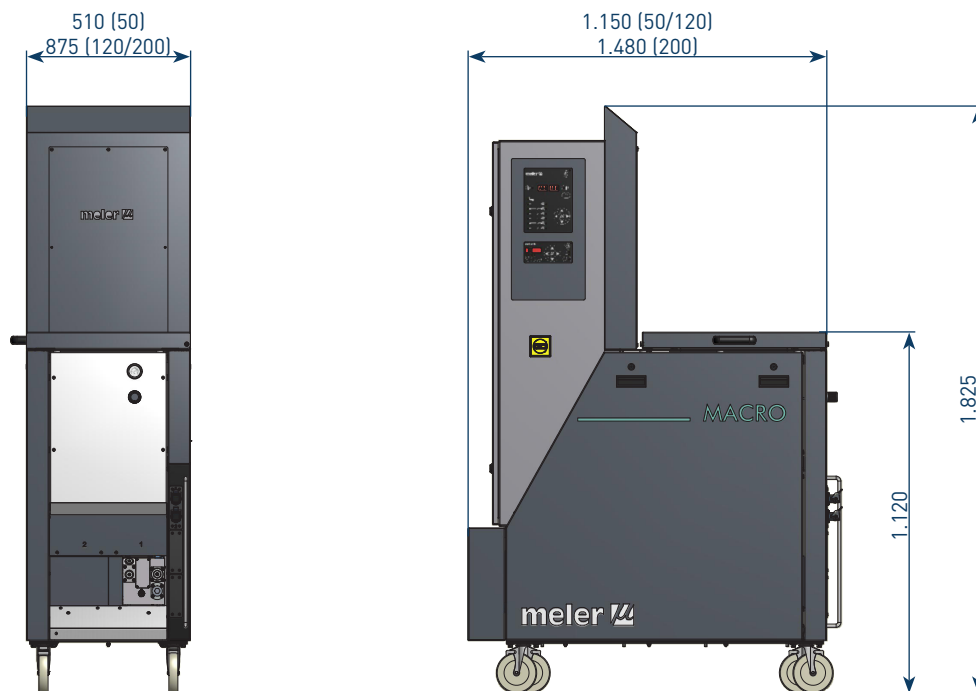
### MAIN APPLICATIONS

Manufacturing mattresses, manufacturing air filters, pre-melting for coatings, assemblies in general.

## TECHNICAL CHARACTERISTICS

|  |  |                  |                    |
|--|--|------------------|--------------------|
| Tank volume  | 50, 120 and 200 litres   |                  |                    |
| Pumping capacity (*)   | 1, 2.5, 4, 8, 15, 20 and 30 cc/rev single pump   |                  |                    |
|  | 2x0.93, 2x1.86, 2x3.71 and 2x4.8 cc/rev double pump  |                  |                    |
| Melting rate (*)   | a tank per hour  |                  |                    |
| Number of pumps  | up to 2 pumps (50), up to 4 pumps (120 or 200)   |                  |                    |
| Number of hydraulic outputs                                  | 2 per pump   |                  |                    |
| Number of electric outputs                                   | 2 or 4 outputs (Standard version)  |                  |                    |
| Motor power  | 0.375, 0.55, 0.75, 1.1 kW depending on the type of pump  |                  |                    |
| Speed  | 10-80 rpm (range 0-100 rpm)  |                  |                    |
| Temperature range  | 40 to 200°C (230°C optional)   |                  |                    |
| Temperature control  | RTD ±0,5°C   |                  |                    |
| Maximum power pressure                                       | 80 bar (1.160 psi)   |                  |                    |
| By- pass valve   | Pneumatic or mechanical  |                  |                    |
| Maximum power supply   | <b>50</b>  | <b>120</b>       | <b>200</b>         |
| 1 single pump/ 2 outputs                                     | 4.260/ per phase   | 6.060/ per phase | 13.000W/ per phase |
| 2 single pumps/ 4 outputs                                    | 5.560/ per phase   | 8.260/ per phase | 14.670W/ per phase |
| External functions   | Temperatures ok output, Low level output, Standby input, External outlet inhibitor, Motor start up input, Motor speed control input, Failures in pumping card output |                  |                    |
| Electrical requirements                                      | 3N ~ 400V 50/60 Hz + PE  |                  |                    |
| Options  | Light tower system, Level control system, Automatic tank filling system, Pneumatic by-pass valve pressure control system   |                  |                    |
| <b>(*) According to adhesive type and working conditions</b> |  |                  |                    |

## DIMENSIONS



For more information speak with your Meler representative:

**meler**   
GLUING SOLUTIONS

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