



Simple and intuitive temperature control system

Speed control using built-in pump control board

Wide range of single or double pump sizes

Flat plate or with radial fins, coated with anti-adherent material, for any type of adhesive

PS20 Drum unloader

Melter used to melt adhesive in 20 litre cans directly from the packaging. Production can be interrupted during a number of days, without the need to supply inert gas.

Simple placement of adhesive canister.

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.
- The electrical and hydraulic connections are located on the top of the melter plate, which makes connecting hoses an easy task. Up to four hoses-applicators can be connected to the outputs of these units.
- The bypass valve of the pumps of the unit is a vital safety element, since it limits the maximum pressure in the system.
- An air injection system is used to eject the melter plate; this system counteracts the effects of the vacuum generated inside the canister. Optionally, this process can be carried out automatically.

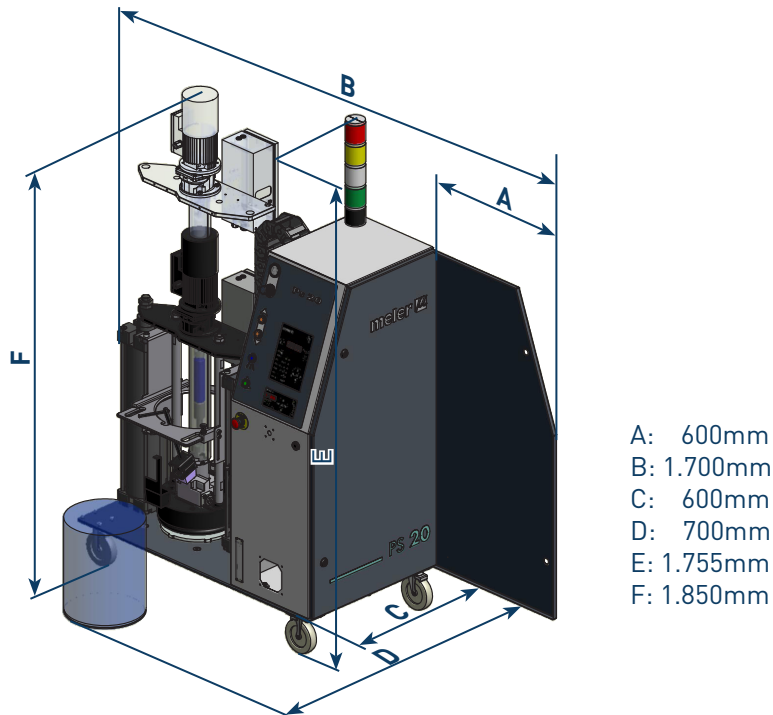
MAIN APPLICATIONS

Automotive industry, bookbinding, graphic arts (transparent cases), Pre-melter for rollers and other types of tanks, coating of plank edges, post-forming, sealing counter-tops and coating mouldings.

TECHNICAL CHARACTERISTICS

| | | |
|---|--|---------------------|
| Drum dimensions | Ø280 (inner diameter) x 400mm (up to 20 litre) | |
| Type of melting platen | Smooth | Axial platen |
| Melting rate (*) | 9-10 kg/h | 18-20 kg/h |
| Pumping capacity (*) | 1, 2.5, 4 and 8 cc/rev single pump | |
| | 2x0.93, 2x1.86, 2x3.71 and 2x4.8 cc/rev double pump | |
| Number of pumps | 1 single pump or 1 double pump | |
| Number of hydraulic outputs | 2 per pump (3/4" UNF thread) | |
| Number of electric outputs | 2 or 4 outputs (Standard version) | |
| Motor power | 0.250 kW | |
| Speed | 10-80 rpm (range 0-100 rpm) | |
| Temperature range | 40 to 200°C | |
| Temperature control | RTD ±0,5°C | |
| Maximum power pressure | 80 bar (1.160 psi) (recommended not exceed 70 bar) | |
| By- pass valve | Pneumatic (manual regulation) | |
| Maximum power supply | | |
| | 1 single pump/ 2 outputs | 5.000 W/ per phase |
| | 1 single double/ 4 outputs | 5.000 W/ per phase |
| External functions | Temperature ok output, Empty drum output, Standby input, Motor start-stop external control, Motor speed external control | |
| Electrical requirements | 3N ~ 400V 50/60 Hz + PE | |
| Options | Tower light, Automatic air injection system for platen pulling out | |
| (*) According to adhesive type, platen type and working conditions | | |

DIMENSIONS



For more information speak with your Meler representative:

meler 
 GLUING SOLUTIONS

Head Office

Pol. Los Agustinos, c/G, nave D-43
 E-31160 Orcoyen - Navarra - Spain
 Phone: +34 948 351 110
 Fax: +34 948 351 130
 email: info@meler.eu

www.meler.eu

