

Easy-to-use controls for temperatures



Large tank lid to make charging easier

The both pump- pneumatic unit design ensure the homogeneous adhesive pressure without fluctuations.

meler

B4 series

'Plug and glue'

The B4 has been specifically to suit manual and "low cost" automatic applications. The unit will melt adhesive at a maximum rate of 6kg per hour.

Two Pump Styles

The gear pump version has a maximum pumping rate of 6kg per hour and a pressure relief valve to ensure a smooth delivery of the adhesive. The relief valve is easily adjusted from the outside of the melter. The piston pump version has a maximum pumping rate of 65kg per hour. The pressure regulator and gauge are also accessible from the outside of the melter allowing for easy adjustment.

Electronic Control unit

The electronic control of the B4 has been developed using the same proven design principles of all the new Meler products and it's simple and reliable operation provides temperature control from 40°C to 200°C with an accuracy of $\pm 0.5^\circ\text{C}$.

Hose Connections

The B4 has two hydraulic and electrical hose connections to the rear of the unit. The hydraulic connections are industry standard 9/16 JIC and the electrical connections are available in the compatible form of PT100 or Ni120.

Tank

The melting tank of the B4 has a large surface area which gives an optimal melting rate. The tank has a large lid for loading adhesive and has a filter and drain valve for ease of maintenance.

Pump Motor

The B4 gear unit has a stop/start switch for the motor and an external electrical input for automatically starting the pump motor by the main machine.

Compatibility

Compatibility is one of the main characteristics of B4 melters. They have been designed to be compatible with either PT100 or Ni120 temperature sensors and can therefore replace most hot melt equipment in the market.



TECHNICAL CHARACTERISTICS

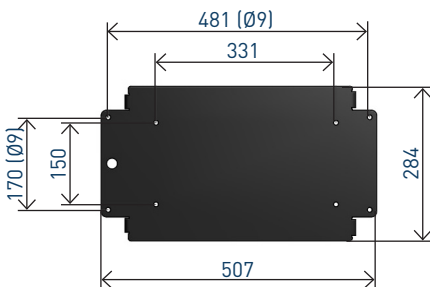
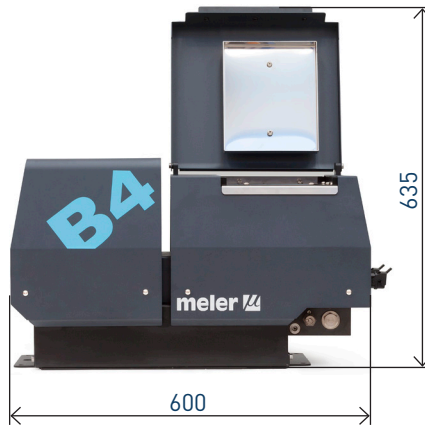
B4-P (piston)

B4-E (gear)

Tank capacity	4 liters.....	4 liters
Maximum pumping rate (*)	29,3 kg/h pump 7 cc	6 kg/h pump 2 cc/rev (50 rpm)
Maximum melting rate (*)	6 kg/h	6 kg/h
Number of outputs	2	2
Temperature range	40 to 200°C	40 to 200°C
Temperature control	RTD ±0,5°C (±1°F)	RTD ±0,5°C (±1°F)
Maximum working pressure	81,6 bar (1183 psi)	40 bar
Maximum installation power (at 230 VAC)	3.680 W (16A)	3.680 W (16A)
Electrical requirements	LN ~ 230V 50/60 Hz + PE	LN ~ 230V 50/60 Hz + PE
External functions	Temperature ok output	Temperature ok output
	External standby activation	External standby activation
		On/ Off/ Motor
Dimensions (LxAxH)	600x320x354	600x320x354
Weight	36 kg	38 kg

* Depending on adhesive type

DIMENSIONS



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