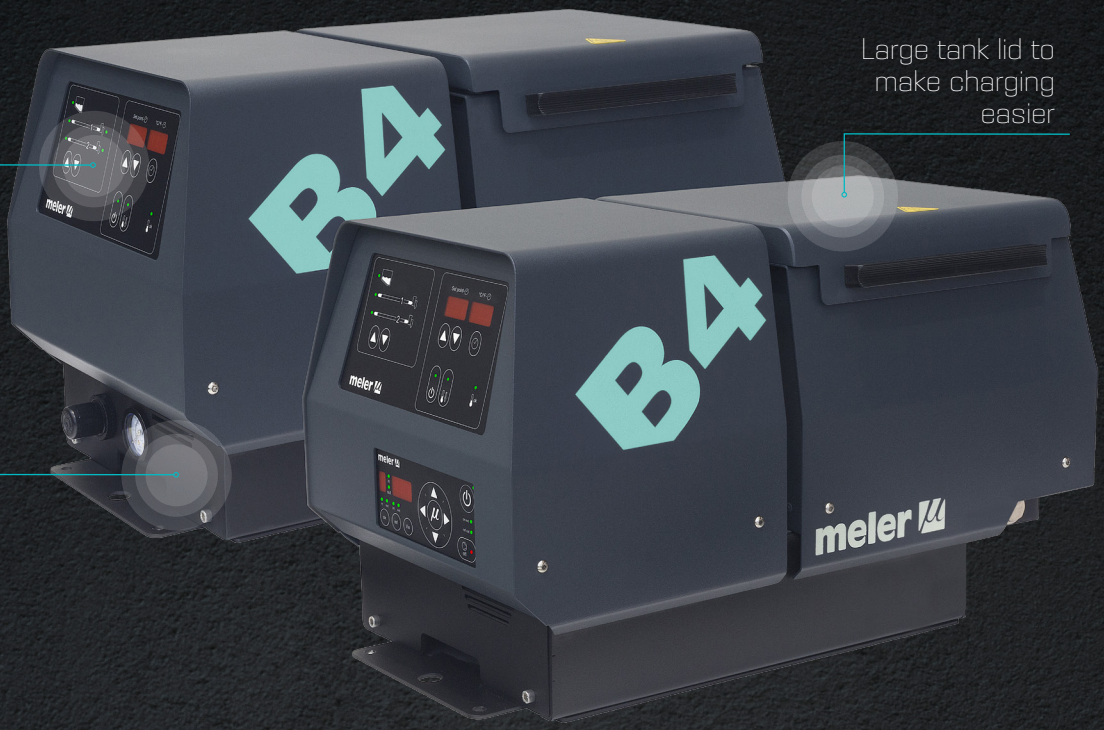
B4 Series

MELER



B4 Series

´PLUG AND WORK´

'Plug and work' is the concept that has guided the design of this fuser unit, which has the necessary features for simple applications, both manual and automatic.

TWO PUMP STYLES

The gear pump version has a maximum pumping rate of 6 kg (13.2 lb) 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 29.3 kg (64.6 lb) 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 Meler products and it's simple and reliable operation provides temperature control from 40 °C to 200 °C (104 °F to 392 °F) with an accuracy of ±0.5 °C (±1 °F).

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 18 UNF 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.

B4-P





B4-E





TECHNICAL SPECIFICATIONS

	B4-P (piston)	B4-E (gear)
Tank capacity	4 L (1 gal)	4 L (1 gal)
Maximum pumping rate *	29.3 kg/h (64.6 lb/h) pump 7 cc/rev	6 kg/h (13.2 lb/h) pump 2 cc/rev (50 rpm)
Maximum melting rate *	6 kg/h (13.2 lb/h)	6 kg/h (13.2 lb/h)
Number of outputs	2	2
Temperature range	40 to 200 °C (104 to 392 °F)	40 to 200 °C (104 to 392 °F)
Temperature control	RTD ±0.5 °C (±1 °F)	RTD ±0.5 °C (±1 °F)
Maximum working pressure	81.6 bar (1183 psi)	40 bar (580 psi)
Maximum installation power (at 230 VAC)	3,680 W (16 A)	3,680 W (16 A)
Electrical requirements	LN ~ 230 V 50/60 Hz + PE	LN ~ 230 V 50 Hz + PE
External functions	• Temperature ok output • External standby activation	• Temperature ok output • External standby activation • Start/Stop pump
Dimensions (L x W x H)	600 x 320 x 354 mm 23,6 x 13,6 x 14 in	600 x 320 x 354 mm 23,6 x 13,6 x 14 in
Weight	36 kg (79 lb)	38 kg (84 lb)

OPTIONS

Temperature range	40 to 230 °C (104 to 446 °F)	40 to 230 °C (104 to 446 °F)
Low level sensor	Capacitive (with warning light)	Capacitive (with warning light)
Adhesive automatic feeder	Yes	Yes
Automatic pressure control (VP200)	Yes	No
External connector pump activation	No	Yes

(*) Depending on the type of adhesive.

DIMENSIONS
(mm / in)



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