meler

B4 VS

B4 SERIES

For small and medium consumptions
Easy electronic control
Available for Pt100 or Ni120
Full motor control

Meler B4 VS is a melting unit for Hot Melt adhesives for small and medium consumptions.

Variable Flow
This melter offers a wide range of manual and automatic flow adjustment options, by regulating the speed of the pump motor from 0 to 100 rpm.

Electronic control
B4 controls temperatures with a high degree of accuracy, from 40 to 200 degrees. Its safety system controls the following:

- Breakage of the temperature sensor and over-excess temperature.
- Protects against application malfunctions.
- Communication with the main machine when the selected temperatures of all items have been reached.

The B4 VS control has a built-in daily/weekly automatic start-up and stop timer.

Hose connection
B4 has two connections for the hose-applicator assembly. The hydraulic connections comply with the 9/16 18 UNF industrial standard.

Holding capacity
Its large charging area means that it can be filled with different adhesive formats such as pellets, pillows and large blocks (PSA).

Thanks to its design, B4 VS is easy to clean and maintain.

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TECHNICAL CHARACTERISTICS

Tank capacity..... 4 litres
Maximum permitted block volume..... 192x159mm (area) 123mm (height)
Maximum pumping rate..... 1,2 l/h (10 rpm) to 12 l/h (100rpm)
Maximum melting rate..... 6 kg/h
Number of outputs..... 2
Pump speed..... 0-100 rpm (recommended 10 to 80 rpm)
Number of pumps..... 1 (2cc/rev)
Temperature range..... 40 to 200 ºC
Temperature control..... RTD ±0,5 ºC (±1ºF)
Temperature sensor..... Pt100 or Ni120
Maximum working pressure..... 80 bar (1160 psi)
Maximum installation power (at 230 VAC)..... 3.680 W (16A)
Electrical requirements..... 1 x 230 VAC + N + PE 50/60 Hz
Hydraulic connections..... 9/16 18 UNF
External functions.....Temperature OK, External standby activation, Starting up the motor, Motor speed set point reference and Failures output in pump control card
Dimensions (LxWxH).....600 x 320 x 354
Weight..... 40 kg

Options

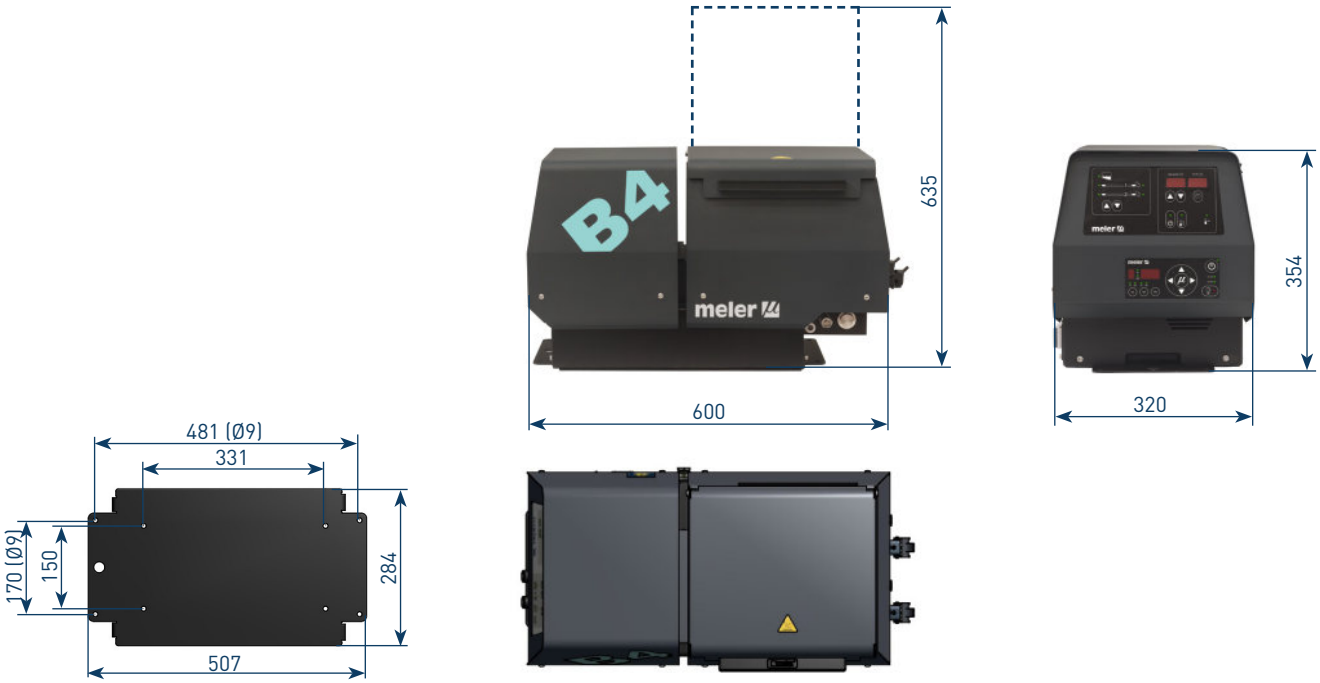
A. Activation of motor with manual applicator (SW)

B. Low level indicator with tower lights

C. Automatic feeder

D. Maximum temperature 230º

DIMENSIONS



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