

Speed control using built-in pump control board

Easy-to-use controls for temperatures regulation

Optional Low Level sensor with light tower

Pneumatic cylinder for optimum contact between block and melting grille. With rod indicating end of block

Swiveling tank lid allows quick and easy change of adhesive blocks

0.45L Teflon-coated reserve tank to make cleaning easier

B4 NON STOP

B4 SERIES

For small consumptions and discontinue production cycles
Easy electronic control
Available for Pt100 or Ni120
Full motor control

Meler B4 Non Stop adhesive melter works mainly with moisturecure reactive polyurethane (PUR) hot melt adhesives in two- kilogram foil-encased blocks with maximum diameter 130 mm.

The B4's user-friendly design provides secure, precise and easy operation. It also offers simple maintenance, easy of cleaning and reduced adhesive waste.

The concept 'melt- on demand' allows discontinued production cycles. After a partial consumption of the adhesive block you can stop and restart the production after some hours or days*. The Meler B4 Non Stop melts only the necessary adhesive for the application, and does protect the rest of the block from the heat. No extra dry air or nitrogen supply is necessary due to the air tight cylinder pressing system and due to the remaining protection bag of the adhesive. The pressure and melting system allows the entire use of the adhesive block, avoiding any waste of PUR adhesive.

Electronic Control Unit

The B4 Non Stop electronics controls precisely the temperatures in a range from 40°C to 200°C and the motor/pump speed to adapt the adhesive flow rate manually or automatically to the conditions of the application.

Main Use

Meler B4 Non Stop is used for manual and automatic applications with low glue consumption such as Clear Box Gluing in Graphic Arts Industry, product assembly applications in the Automotive Industry and Wood Working Applications such as Edge-Banding, etc.

** For detailed operation instructions see user manual*

TECHNICAL CHARACTERISTICS

Holding capacity.....	For using 130 mm diameter blocks
Tank reservoir capacity.....	450 cc
Maximum pumping rate (*).....	12 l/h pump 2 cc/rev (at 100 rpm)
Maximum melting rate (*).....	5 kg/h
Number of outputs.....	2
Pump speed.....	0-100 rpm (recommended 10 to 80 rpm)
Temperature range.....	40 to 160°C
Temperature control.....	RTD $\pm 0,5^{\circ}\text{C}$ ($\pm 1^{\circ}\text{F}$)
Maximum working pressure.....	80 bar (1160 psi)
Maximum installation power (at 230 VAC).....	3.680 W (16A)
Electrical requirements.....	LN ~ 230VAC 50/60 Hz + PE
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 840
Weight.....	60 kg

(*) Depending on adhesive type.

Options

A. Low level sensor with tower lights shows when the block has been finished.

B. It is possible to use manual applicator trigger connection to start-stop the pump motor assembly.

DIMENSIONS



For more information speak with your Focke Meler representative:

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