

Easy-to-use controls for Pneumatic cylinder for optimum contact between block and melting grille. With rod temperatures regulation indicating end of block Optional Low Level

> Swiveling tank lid allows quick and easy change of adhesive blocks



sensor with light tower

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 melters 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 nitrogene 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

	ing capacityreservoir capacity	
Maxi	mum pumping rate (*)	12 l/h pump 2 cc/rev (at 100 rpm)
Maxi	mum melting rate (*)	. 5 kg/h
Num	ber of outputs	2
Pum	p speed	0-100 rpm (recommended 10 to 80 rpm)
Tem	perature range	40 to 160°C
Tem	perature control	RTD ±0,5°C (±1°F)
Maxi	mum working pressure	. 80 bar (1160 psi)
Maxi	mum installation power (at 230 VAC)	. 3.680 W (16A)

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.

Electrical requirements......LN ~ 230VAC 50/60 Hz + PE

reference and Failures output in pump control card

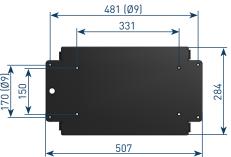
Weight...... 60 kg

(*) Depending on adhesive type.

DIMENSIONS







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