



B4 NON STOP

GLUING SOLUTIONS

B4 SERIES

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

Meler B 4 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

Holding capacity.....	For using 130 mm diameter blocks	
Tank reservoir capacity.....	450 cc	Options
Maximum pumping rate (*).....	12 l/h pump 2 cc/rev (at 100 rpm)	A. Low level sensor with tower lights shows
Maximum melting rate (*).....	5 kg/h when the block has been finished.	
Number of outputs.....	2	
Pump speed.....	0-100 rpm (recommended 10 to 80 rpm)	B. It is possible to use manual applicator
Temperature range.....	40 to 160°C	Trigger connection to start-stop the pump
Temperature control.....	RTD ±0,5°C (±1°F)	motor assembly.
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.

DIMENSIONS



For more information speak with your Focke Meler representative:



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