

HB 5020

Simple to Operate. Easy to Trust.



Reduced Risk of Operator Error

Reduced Cleaning Requirements

Increased Process

BÜHNEN
ADHESIVE SYSTEMS

HB 5020

A Melter Built for Real-World Use – Designed for People Who Get the Job Done

People working in production need equipment that simply works – easy to understand, reliable in operation and capable of doing its job day after day, regardless of who is using it.

The new BÜHNEN HB 5020 has been developed with exactly this in mind: a robust, user-friendly adhesive melter that eliminates the need for complex settings and overcomes language barriers.



Optional

- With Foot Switch and Flange-Mounted Nozzle / Applicator Head
- Configurable for Ni120 Sensors, for Use

A Melter That Adapts to Your Operation – Not the Other Way Around

Heat only what is needed: Individual heating zones can be activated or deactivated as required – ideal for applications using just one heated hose.

Enhanced adhesive protection: The automatic heating sequence ensures gentle heat-up and supports consistent adhesive quality.

Lower energy costs: Eco Mode reduces energy consumption during production breaks.

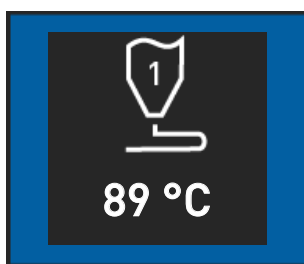
Less cleaning effort: The PTFE-coated tank prevents excessive build-up of adhesive and dirt, making cleaning quick and straightforward.

As a result, the HB 5020 remains ready for use over the long term and requires no specialist knowledge for operation or maintenance.





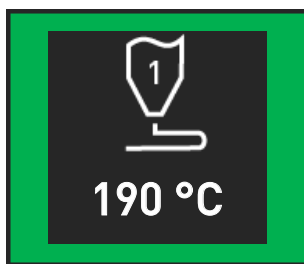
HB 5020 – Intuitive Controls – Easy to Understand, Almost Language-Free



Blue: Heating Up

Instantly See the Melter Status

The HB 5020's colour-guided indicator system makes the machine status clear at a glance – without complex menus, technical terminology or language skills. The intuitive colour scheme of blue, green, yellow and red follows a logic everyone understands: heating up, ready for operation, caution or action required. This allows operators to immediately see what the melter is doing and whether any intervention is needed. The result is less downtime, fewer questions and a smoother production process every day.



Green: Operating Temperature
Reached – Ready for Use

Ideal for Modern Production Teams

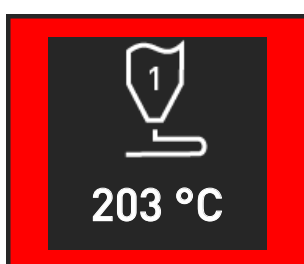
This is a particular advantage in production environments with international teams or a high turnover of personnel. Operation is largely language-independent, keeping training requirements to a minimum. New employees can become productive more quickly, operator errors are reduced, and processes run more safely and consistently. Instead of having to read and interpret status messages, operators receive clear visual guidance immediately via the display.



Yellow: Temperature
Overshoot

Making Safety Visible

The colour-coded indicator system also enhances safety and control during operation. Warning conditions are communicated through colour signals rather than relying solely on text messages or error codes, allowing operators to recognise issues immediately. In fast-paced production environments, this enables quicker responses and helps identify temperature deviations or overheating at an early stage. The result is reduced downtime and a more stable, reliable adhesive application process.



Red: Overtemperature

Technology That Adapts to People

The HB 5020 communicates through an intuitive operating concept rather than complex technology. That is where its real value lies: greater confidence, faster responses and controls that make everyday production tasks easier. Instead of requiring operators to adapt to the machine, the machine adapts to the realities of the production environment.



HB 5020 – The Next Step in Evolution

Proven Technology, Now Even Better

The Next Step in the Successful BÜHNEN Product Range: The HB 5020 builds on the robust and reliable technology of the HB 5010 – making operation even simpler, safer and more cost-effective.

HB 5020

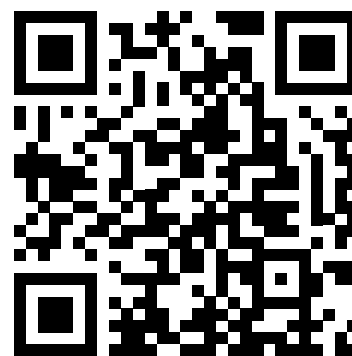
Your Benefit

Core concept	Successor model based on the same proven gear pump technology	The same reliability, modernised for today's production requirements
Controls & display	Touchscreen with colour-coded status indication (blue, green, yellow, red)	Clear visual operation – largely language-independent
Energy efficiency	Eco Mode and sequential heating	Lower energy costs and reduced peak power loads
User convenience	User access levels with password protection and weekly timer	Easy access while helping to prevent operator error
Tank & cleaning	PTFE-coated tank with improved accessibility	Significantly easier cleaning and reduced adhesive build-up
Filter & maintenance	Filter service hour counter with reset function	Planned maintenance and reduced downtime

Article No.	Tank Cap.	Connections	Options	Hand Applicators
HB 5020 Bead	4,5 l	2	PT 100	HB 910 R, HB 950 R
with Foot Switch / Nozzle		1		
with Foot Switch / Application Head		1	Ni120 Directly Configurable	
HB 5020 Spray		2		HB 910 S, HB 950 S

Technical Specifications

Dimensions	680 × 390 × 360 mm
Weight	37 kg
Operating Temperature . . .	80 - 210 °C
Temperature Sensor . . .	PT100, alt. Ni120 - Hose / Hand Applicator
Hose Connections	up to 2
Melting Capacity	up to 4,5 kg/h
Tank Capacity	4,5 l, PTFE-coated
Pump System	Gear pump, 26 kg/h
Hot Melt Adhesives . . .	EVA, PA, PO, PSA



HB 5020 at a Glance





HB 910 – Flexible and Precise

The HB 910 is the ideal hand applicator for manual adhesive applications where flexibility, precision and ease of use are essential. It enables clean bead and spray application patterns, ensuring controlled and consistent adhesive application.

Your Benefits at a Glance:

- Lightweight, ergonomic design for reduced operator fatigue
- Precise adhesive control for consistent application results
- Excellent freedom of movement thanks to swivel connections
- Integrated wireless switch for automatic pump control



HB 950 – Maximum Operator Comfort

The HB 950 has been developed for precise manual adhesive applications, particularly for top-down application onto horizontal surfaces and for extended periods of operation. It enables accurately controlled bead and spray application patterns while significantly reducing operator fatigue during everyday use.

Your Benefits at a Glance:

- Designed for overhead and top-down adhesive application
- Ergonomic design for comfortable operation during extended use
- Precise adhesive control for consistent application results
- Suitable for both bead and spray application patterns
- Helps reduce operator fatigue and improve workplace ergonomics



The Experts in Hot Melt Adhesives: Simple. Safe. Efficient.

- ✓ For more than 100 years, we have been making adhesive bonding simple, safe and efficient. We believe that a reliable bonding process is the foundation of quality, productivity and success in manufacturing.
- ✓ We offer a comprehensive range of hot melt adhesives for virtually every application.
- ✓ Complementing this is a broad portfolio of application systems, equipment and accessories – all from a single source, with one dedicated point of contact for all your adhesive bonding requirements.
- ✓ With expert advice, personal support and responsive service, we assist our customers at every stage of the bonding process.
- ✓ Our specialists think ahead, respond quickly and develop tailored solutions for every application.
- ✓ This is how we build partnerships that last – just like our adhesives.

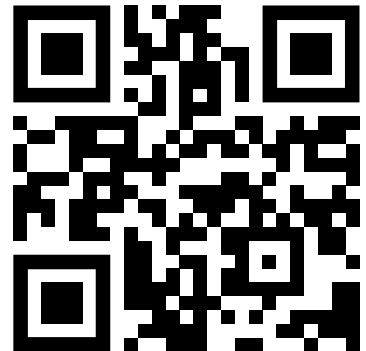


BÜHNEN GmbH & Co. KG
Hintern Sielhof 25
28277 Bremen · Germany

Telefon: +49 (0) 421 51 20 0
Telefax: +49 (0) 421 51 20 260
info@buehnen.de
www.buehnen.de

Stay Informed.

www.buehnen.de



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