

**HOT MELT  
IS OUR  
PASSION**

For more than 90 years



**HB 5010**

**BÜHNEN**  
ADHESIVE SYSTEMS

The HB 5010 is a hot melt adhesive tank system with gear pump, especially for manual applications. Together with the hand gun HB 910, the tank system is ideally suited for all bead or spray bonding.

## HB 5010 Tank system



The construction of the simple menu navigation of the control unit is so user-friendly that the intuitive operation of the device is possible even for untrained personnel.

The extremely resilient plastic housing has a dirt-resistant paint finish. The modular structure of the system increases the ease of maintenance and ensures good accessibility of the parts when servicing. A filter change is possible without additional disassembly.

A conveyor system with gear pump ensures a constant volume per unit of time. The simple design of the pump makes it robust and inexpensive. The construction of the pump also enables the processing of polyamides up to 210°C.

Up to 2 heatable hoses can be connected. In combination with application heads, automation of simple tasks is possible.

Thus, all major hot melt adhesives (EVA, PA, PO and PSA) can be processed without problem in bead, dot and/or spray application.



Hand gun HB 910,  
360° rotatable handle

Technical data	HB 5010
Dimensions	720 x 360 x 360 mm
Weight	35 kg
Voltage connection	230 V, 50 Hz
Max. power consumption	2900 W
Type of protection	IP 32
Protection class	1
Temperature control	Electronic 6-channel temperature controller
Heating capacity tank	1260 W
Permitted installed load	Per hose: 1440 W, per hand-held device: 400 W
Working temperature	40-210 °C
Temperature stability	+/- 0.5 °K
Temperature sensor	Pt 100, alternatively Ni 120 for hose and hand-held devices
Hose connection	2
Over-temperature protection	Yes, limited to 260 °C
Ambient temperature	0-40 °C
Melting capacity	4.5 kg/h
Heating-up time	approx. 30 minutes
Pump system	Gear pump
Pump output	26 kg/h
Drive	Gear motor
Pump speed	65 U/min
Bypass valve setting	35 bar (max. 55 bar)
Usable tank volume	4.5 litres
Noise emission	72 dBa
Hot melt adhesives	EVA, PA, PO and PSA

### Areas of application

- › Packaging industry
- › Display production
- › Concrete industry
- › Construction/Building industry
- › Furniture industry
- › Mattress production

### Advantages and equipment features

- › Intuitive user guidance
- › Integrated weekly clock
- › Robust and easy-to-clean plastic housing
- › Connection of up to two hoses
- › coated aluminum tank
- › 4.5 litre capacity
- › Fast heating-up in less than 30 minutes
- › High melting capacity 4.5 kg/h
- › Service-friendly, modular structure
- › Integrated filter
- › Maximum cleaning comfort



Four positions are available for connecting up to 2 heatable hoses.

