



green GLUING

CONCEPT B

Adhesive Melters
Reliable | safe | user-friendly

FOR EFFICIENT ADHESIVE PROCESSING

Modular and cost-conscious

Concept B is suitable for melting and processing thermoplastic hot melt adhesives. Thanks to the modular design with different tank sizes, pumps and optional components, a variety of applications can be supported. The system can be extended at all times. Concept B is available with manual and automatic filling, is energy-optimized and safe in its operation.

Easy installation and integration

The melters are easy to install and access. Optimized hose routing and a tank lid rotatable by 180 ° support any type of installation. Diverse interfaces and I/O signals are available for integration and communication. Pattern control can be optionally integrated as well.

Language-independent operation

Operation is based on a language-independent control panel or an optional touchscreen. Using

the additional InfoPlus software on the touchscreen, consumption and operation data can be collected and analyzed, e.g., for preventive maintenance.

Minimized maintenance effort

The tank is non-stick coated with FEP for ease of cleaning and the individual temperature control prevents adhesive charring. In addition, filters in tank and pump outlet minimize the risk of nozzle blockage.

Your advantages

- Modular design for flexibility and reduced costs with up to 4 connections for hoses and application heads
- Energy-efficient and safe thanks to CoolTouch insulation
- Easy integration, operation and maintenance
- Options, such as pattern control, level monitoring, volume control, etc.

TECHNICAL DATA

	Concept B5	Concept B8	Concept B12	Concept B18	Concept B30
Tank volume	5 l	8 l	12 l	18 l	30 l
Melt rate*	5 kg/h	8 kg/h	12 kg/h	18 kg/h	30 kg/h
Adhesive type	Granulate and blocks (thermoplastic)				
Operating temperature	20 to 200 °C				
Heating time (160 °C)*	approx. 30 min.				
Adhesive viscosity	100 to 20,000 mPas				
Heated hose connections	1 to 4				
Filling	Manual or automatic (RobaFeed 3)				
Number of pumps	1	1	1 or 2	1 or 2	1 or 2
Pump type	Piston or Gerotor pumps				
Supply voltage	200 to 240 V, 1 - 3 LNPE				200 - 400 V, 3 NLPE
Electrical power	1.8 kW	3.0 kW	3.0 kW	4.5 kW	6.0 kW
Compressed air supply	6 bar, dry, not oiled acc. to ISO 8573-1 Class 4				
Electronics	CLS				
Control panel	Membrane keyboard (TRM) or optional touchscreen (RobaVis)				
Pattern control	Optional AS-1K 10 or AS-1K 40				
Weight	34 kg	41 kg	54 kg	64 kg	95 kg
Safety standard	CE, CSA				

* Depending on adhesive, viscosity, temperature at 230 V AC

