



green GLUING

CONCEPT C

Adhesive Melters
Reliable | safe | cost-optimized

THE COST-OPTIMIZED SOLUTION

Modular and cost-conscious

Concept C 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 C 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 2 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, etc.

TECHNICAL DATA

| | Concept C5 | Concept C8 | Concept C12 |
|-------------------------|---|------------|-------------|
| Tank volume | 5 l | 8 l | 12 l |
| Melt rate* | 5 kg/h | 8 kg/h | 12 kg/h |
| Adhesive type | Granulate and blocks (thermoplastic) | | |
| Operating temperature | 20 to 200 °C | | |
| Heating time (160 °C)* | approx. 40 min. | | |
| Adhesive viscosity | 100 to 20,000 mPas | | |
| Heated hose connections | 1 to 2 | | |
| Filling | Manual or automatic (RobaFeed 3) | | |
| Number of pumps | 1 | 1 | 1 |
| Pump type | Piston or Gerotor pumps | | |
| Supply voltage | 200 to 240 V, 1 - 3 LNPE | | |
| Electrical power | 1.8 kW | 3.0 kW | 3.0 kW |
| Compressed air supply | 6 bar, dry, not oiled acc. to ISO 8573-1 Class 4 | | |
| Electronics | CLS-C | | |
| Control panel | Membrane keyboard (TRM) or optional touchscreen (RobaVis) | | |
| Pattern control | Optional AS-IK 10 | | |
| Weight | 34 kg | 41 kg | 54 kg |
| Safety standard | CE, CSA | | |

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

