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## Hotmelt melting units Concept Series



**Robatech**  
Gluing Technology

# Concept Series

As individual as your needs



## The modular, cost-efficient solution

**The demands imposed on the melting and feeding of thermoplastic adhesives are as varied as the applications. We cope with this challenge professionally: with the Concept Series.**

Our answer in this area are tank sizes of 5, 8, 12, 18 or 30 litres, the option between piston and gear pumps, and connections for up to 8 hoses and applicator heads. The graded model range Concept A, B, C permits you to specify a cost-efficient solution adjusted to your needs.

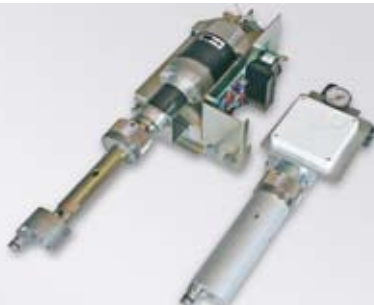
The integrated pattern control and glue application detection represent an extremely compact combination, whereby the system integration across all common interfaces is guaranteed.

### The most important performance characteristics at a glance:

- Easy to operate
- Error detection and status display
- Fill level supervision
- Tank lid rotatable by 180°
- Relief of glue pressure
- Power supply supervision
- Integrated pattern applicator control
- Application tailored pumps
- RobaPAR software, PC-based parameterizing tool
- System integration via Profibus, Ethernet, etc.
- Standards of security:



... and of course «Made in Switzerland».



## Best quality with highest safety

**For the perfect bond: no matter which module of the Concept Series meets your requirements. The effective common ground speaks for itself and makes it easy for you to decide.**

### Modularity and compatibility

Particularly important to us are the maximum upward and downward compatibility of devices and accessories as well as system solutions based on combination.

### Easy installation

The industry-proven design of the Concept Series features no lateral operating elements and has a tank lid which can be turned by 180°: This makes it ideal for an easy installation, optimal accessibility and hose layout.

### Easy to operate

The schematic operating interface is independent of languages. It allows an immediate verification of the current operating status and an intuitive operation.

### Reduced energy consumption

The optimal positioning of the heating elements and a good insulation combined with an intelligent software closed loop control make it possible: and all this with a high melting rate.

### Maximum safety

The proven safety system with temperature limitation and pressure relief as well as sequential heating offers reliable protection from excessive temperatures and pressures in the adhesive system.

### Gentle processing of the adhesive

We know what you want, and this is what the entire system of the Concept Series has been laid out for. The precise temperature control together with the temperature reduction (manual or automatic) ensure stable viscosity circumstances and prevent burning of the adhesive.

### Low maintenance costs

Robatech systems can be run at a very low cost due to the use of operationally safe components, the uncomplicated design with easy exchange procedures for pumps and controls. Hardly any spare parts are required.

### No blocked nozzles

The three-stage filtration system in tank, pump exit and applicator head retains possible contaminants and prevents the nozzles from becoming obstructed.



## The result of know-how and competence

**We know how to apply adhesives. It has been our daily bread for more than three decades. And this is how we established our leadership position all over the world: by ensuring quality, backed by service, with know-how and competence.**

We draw from this experience in the development of all Robatech products – also in the case of the Concept Series:

This is why our adhesive melting devices are available in numerous combinations, so that (almost) all requirements can be met. The product line of the Concept Series is of a modular structure. It stands out by the ease with which it can be operated and by a high operational safety.

In our production – certified to comply with ISO 9001:2000 – we rely on top quality, well-proven materials and manufacturing techniques exclusively. Combined with quality-related procedures and inspections, the result is exactly what you are looking for:

**Highest efficiency at minimum life-cycle costs.**



## All you need for your production Options and accessories

Apart from supplying you with first class products, we are always pleased to assist you with our solid knowledge and experience. Why not talk to us? For example about:

- System integration Profibus, Ethernet, CANbus, SNMP
- Integrated applicator controls
- External applicator controls
- Piston and gear pumps
- Heated hoses
- Applicator heads
- Hand applicators
- Granulate feeders
- Service
- Training

Headquarters  
Robatech AG  
Pilatusring 10  
CH-5630 Muri  
Switzerland  
Phone +41 56 675 77 00  
Fax +41 56 675 77 01  
info@robatech.ch  
www.robatech.com

Robatech USA Inc.  
11660 Alpharetta Hwy  
Suite 360  
USA-Roswell, GA 30076  
Phone +1 770 663 8380  
Fax +1 770 663 8381  
Info@robatechusa.com  
www.robatechusa.com

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