

# RO

## Adhesive Melters Concept Stream

tankless | fast heat-up time |  
highest operator safety



CONCEPT

*Stream*

**Robatech**  
Gluing Technology

## The modern way of melting

### Small in size but high in performance

Concept Stream – the "tankless" solution is designed for melting and pumping thermoplastic hot melt in granulate form. It achieves a high melt rate with a very small volume. The heart of the Concept Stream is the innovative and small high performance tank. It gently melts on demand and therefore is applicable for both high and low glue consumption applications. Optional volume control monitors changes in adhesive consumption.

### Flexible in design to meet your needs

The base of the system is the well-proven Concept series with GreenLine technology. This ensures a modular design with easy system integration and an energy efficient production. The system is available with a manual or automatic filling solution and offers up to 8 connections for hoses and heads.

### Your Benefits

#### Innovativ melting technology ("tankless")

- 100 %\* increased melting rate – a small tank for high performance with minimum space
- Melt-on-Demand technology only melts the quantity of adhesive you need, when you need it.
- The gentle melting and conveying reduces the risk of charring and nozzle blockage to a minimum and increases the adhesive filters life span
- Even for applications with low glue consumption

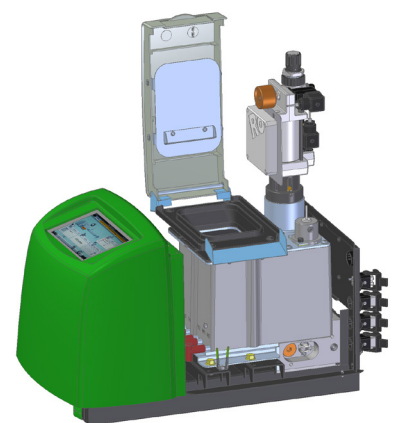
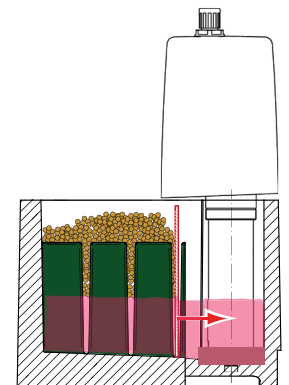
#### Fast and efficient processing

- Fast heat-up time and standby function
- Over 20 %\* energy savings thanks to our GreenLine technology
- Fill level supervision with unique run empty protection for maximum uptime

#### Highest operator safety

- Safe manual filling by a CoolTouch adapter
- CoolTouch insulated melting unit to minimize burning risks
- Automatic pressure relief

\* versus conventional solutions



## Technical Data

	Concept Stream S	Concept Stream M
Tank content	2.4 liter	4.5 liter
Melt rate*	9 kg/h	15 kg/h
Adhesive form	Granulate (max. 12 mm)	
Operating temperature	20 to 200 °C	
Heating up time to 160°C*	18 min, optional 16 min	
Adhesive viscosity	100 to 5'000 mPas	
Heated hose & application head connections	1 to 8 (ICSN) / 1 to 4 (CLS)	
Filling	Manual or automatic (RobaFeed)	
Pump type	Piston or Gear Pumps	
Supply voltage (EN60204-1)	200 to 400 V, 1-3 LNPE	
Electrical power**	2.16 kW, optional 2.91 kW	3.6 kW, optional 4.35 kW
Compressed air supply	6 bar, dry, unlubricated	
Control panel	RobaVis (ICSN) / TRM (CLS)	
Weight	34 kg	41 kg
Dimensions (LxWxH)	557 x 338 x 566 mm	696 x 338 x 566 mm
Safety standard	CE	

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

\*\* 750 W additional electrical power for optional faster heat up time

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