



green
GLUING

JUMBOFLEX

Adhesive Melters
Innovative | powerful | efficient



WITH UNIQUE PREMELTING SOLUTION FOR INCREASED PERFORMANCE

Flexible use in three variants

The JumboFlex melters are suitable for melting and delivery of large volumes of thermoplastic, non-reactive hot melt adhesives (EVA, PE, PSA, and APAO). They feature a modular design and are available as premelters, melters, or buffers, depending on the area of application. They are used for simple pot filling, direct adhesive application via nozzles, or the buffer function as adhesive storage for applications with particularly high adhesive consumption and increased speeds.

Optimum adhesive processing

The innovative and unique melting grille concept enables a geometrical alignment of the melting grille elements to the respective form of adhesive. This optimizes adhesive processing and achieves increased melting performance. A specially developed melting grille is also available for high melting performance with PPE blocks or cushions.

Easy system integration

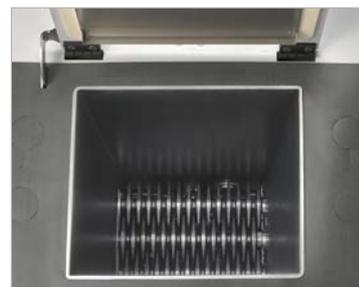
The Robatech Control System (RCS) features open interfaces and is compatible with various standardized fieldbus protocols and Ethernet. The Smart Terminal provides operational and status information at a glance.

Simple and efficient maintenance

Depending on the adhesive viscosity and application, fine filters are used for the JumboFlex melter and buffer. These capture dirt to prevent nozzle blockages and system interruptions. The melter tank features an FEP coating for easy and efficient cleaning.

Your benefits

- Increased melting performance thanks to innovative melting grille concept
- Suitable for different types and forms of adhesives
- Clean and uniform adhesive application from start to finish thanks to fast, dynamic adhesive pressure control
- Easy system integration via standard fieldbus protocols and Ethernet
- Optional pattern control and monitoring
- Easy and efficient maintenance thanks to FEP-coated tank



Adjustable melting grille



Practical smart terminal and optional touch display



Optional: Automatic Filling

TECHNICAL DATA

	JumboFlex 50	JumboFlex 100
Supply tank	50 dm ³	100 dm ³
Melt rate ¹⁾	50 kg/h	100 kg/h
Adhesive viscosity	1'000 to 65'000 mPas	
Number of pumps	1 to 2	
Feed capacity ²⁾	ZP1: 1,5 to 21,9 kg/h, ZP2: 2,9 to 44,1 kg/h, ZP3: 5,9 to 89,0 kg/h, ZP4: 11,9 to 177,9 kg/h	
Operating temperature	20 to 200 °C	
Heated hose connections	2 x G3/4" per pump	
Supply voltage (EU)	400/230 V, 3Ø N/PE, 50/60 Hz	
	400 V, 3Ø PE, 50/60 Hz, star point generator	
Supply voltage (USA, JP)	200-240 V, 3Ø PE, 50/60 Hz	
Dimensions (width x depth x height)	850 x 760 x 1300 mm	
Weight (1-pump device)	245 kg	280 kg

¹⁾ The melt rate varies depending on the adhesive type which is processed with the device.

²⁾ Data applies for 50 Hz, efficiency = 85 % and density = 1. The feed capacity varies depending on adhesive type