

RO

Fill System RobaFeed

safe | reliable | efficient



Robatech
Gluing Technology

RobaFeed

For Robatech systems

RobaFeed guarantees automatic and continuous filling of the melting tank with granulate and ensures constant adhesive quantities in the appliance.

Functioning

The automatic feeding system is intended to fill hot melt equipment with granulate from a separate container. The system is controlled by the level supervision of the melting tank. When material is required this supervision transmits a signal to the control which releases the filling cycle. In the case of Robatech devices the granulate feeder is activated directly by the electronics of the equipment. With other devices a separate control takes care of this. The system also monitors the stock of granulate in the container and the filling process, stops automatically in case of a nonconformity and activates a corresponding message.

Safety

Safety at work is enhanced thanks to the closed system because, unlike in manual filling, the operator is prevented from coming into contact with the hot, molten adhesive. Since the feed air blown into the hot melting tank for the filling process is contaminated by adhesive vapours, it is returned to the environment via a special charcoal filter.

Granulate feeder

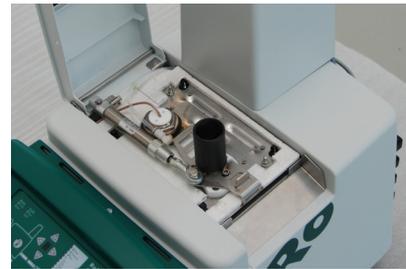
The suction tube is inserted into the container with the adhesive granulate. The integrated venturi causes a negative pressure so that the granules are attracted and transported. The suction process is supported by the shaking device fitted to the suction tube. As functional extension, the GranulateContainer (with and without Jumper function) supports clean storage and efficient delivery of the granulate.

Features

- Closed system
- Charcoal filter for the exhaust air
- Continuous filling also of small quantities
- Indirect monitoring of the fill level in the container
- Monitoring of blockages
- Automatic switching-off with error message
- Low air consumption
- Vibrator at the suction tube
- Option 1: Slide for the appliance interface
- Option 2: GranulateContainer with Jumper

Benefits

- Enhanced safety at work
- No strain on the environment
- Time saving for the operator
- No standstill due to empty tank
- No overfilling of the tank
- Constant adhesive processing temperature
- No adhesive contamination or clumping



Technical Data

Adhesive forms	Granulate or tablets
Granulate size	Ø 20 mm
Tablet size	22x18x14 mm
Feeding capacity*	4 kg per minute
Feeding distances	Horizontal max. 7.5 m, vertical max. 2.5 m
Compr. air connection	6 bar, dry, filtered, uncoiled, connection G1/4"
Compr. air consumption at 6 bar	250 standart litres/min. (up to 30% reduction compared to assimilable products)
Electrical connection	Robatech units: 24 Volt DC from device

* Function and feeding capacity depending on quality, size, shape and stickiness of the adhesive

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