

TWISTER F-15

AUTOMATIC LOADER FOR HOT-MELT ADHESIVES



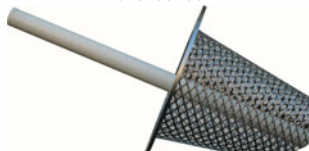
The automatic loader for hot-melt adhesives TWISTER F-15 Series can be installed and used on any gluing system. It permits glue to be loaded into the machine automatically and maintains the glue level constant in the tank without needing the intervention of an operator.

TWISTER F-15, with absolutely dependable technical characteristics, consists of essentially two main elements: the control unit and the suction pump.

The control unit is connected to a sensor that detects the level of the adhesive inside the melting tank. When the level is low, a precise signal is sent to the suction pump, which intervenes by loading small quantities of glue with the goal of keeping the tank constantly full, and in this way avoiding carbonisation and exposition of the glue to external contaminants.

Installing the TWISTER F-15 system requires less than one hour of time, a power outlet and an air supply feed.

Level sensor



A special lance probe is inserted through the hopper inside the melting tank. The probe detects variations in the level of glue with absolute precision, and sends load and stop signals to the suction pump.

Suction pump



A system of suction works through an innovative, powerful Venturi pump that was completely designed by Preo, built in stainless steel and treated Ergal. The suction pump does not contain any moving parts, thus excluding the possibility of mechanical failure and eliminating time needed for maintenance.

Vibration system



A particular vibration system connected with the suction pump prevents lumps from forming in the glue, which could block the suction process.

Conveyor cone



Made entirely of stainless steel, this part directs the granules of adhesive into the melting tank without dispersion. Its cone-shaped form was specifically designed, and allows it to be used on all existing systems, no matter what the brand or type of machine.

Control unit



The control unit, complete with microprocessor, controls and manages all phases of loading of the glue from the storage container to the melting tank. The system also has a button for manual loading. Another useful, practical and original feature that distinguishes the Twister F-15 from the competition is the possibility to unhook the control unit from the storage container.



Twister F-15

IT MAY BE INSTALLED ON
ANY EXISTING GLUING SYSTEM

Due to the technical characteristics of the automatic loader TWISTER F-15 series, we guarantee you a return on your investment in just 6 months for 6 simple reasons:

- Automatic glue refill that drastically reduces manual intervention by the operator.
- Considerable reduction in maintenance costs for the whole system.
- No machine downtime caused by glue shortages in the tank.
- No thermal shock to the glue that maintains its original adhesive properties thus reducing carbonisation.
- Elimination of risks for the operator of contact with hot glue.
- No risk of contaminating the glue with external agents.

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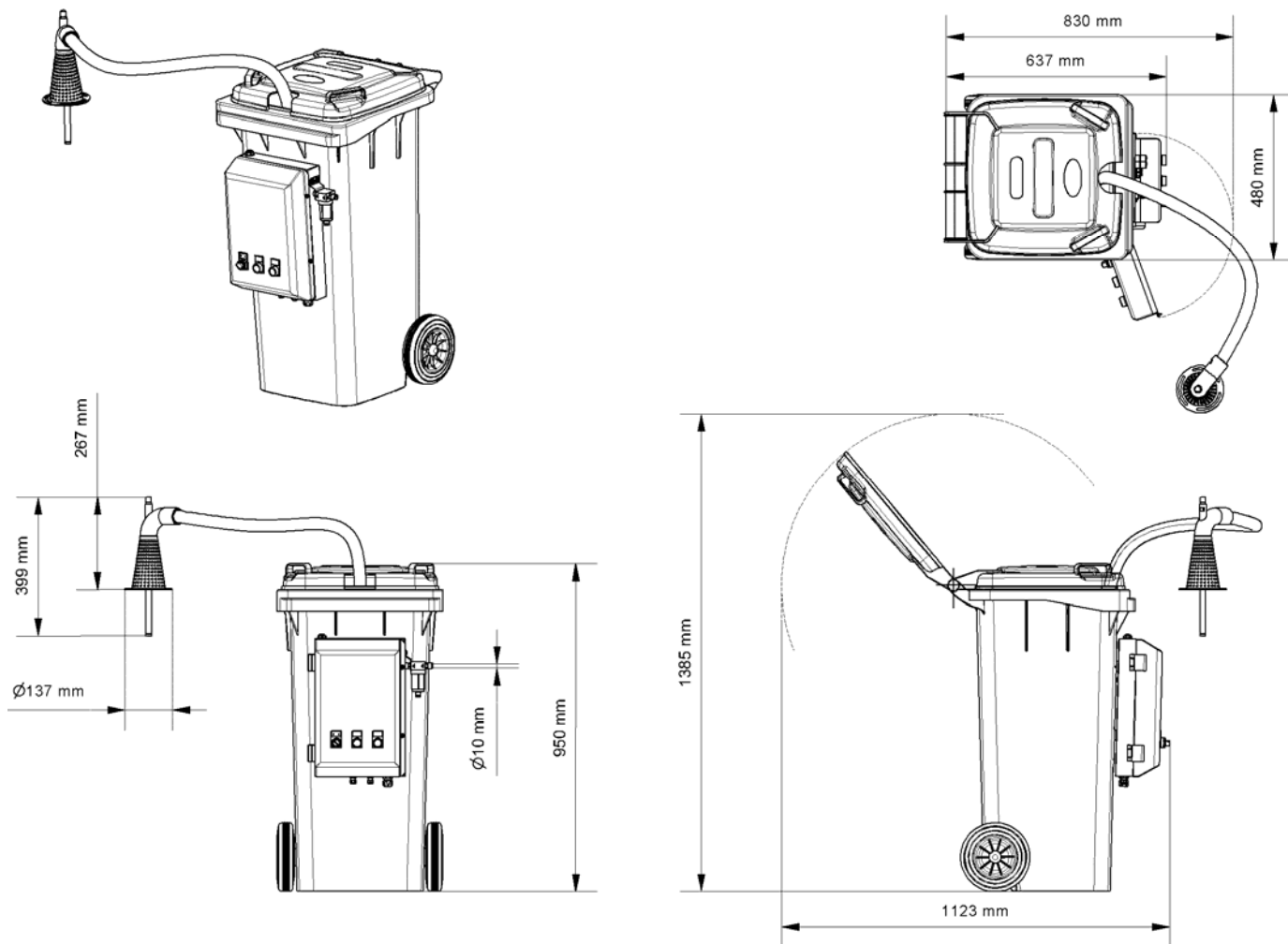
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DATA SHEET



GENERAL SPECIFICATIONS

USABLE ADHESIVE FORMATS	pellets or tablets with a diameter of 12 mm (0.472 inches)
TRANSFER SPEED OF THE ADHESIVE	200 kg/h (440 lbs) depending on the type of adhesive used
LENGTH OF THE TRANSFER TUBE	4 m (13.12 feet)
LOADLESS WEIGHT	20 Kg (44.1 lbs)
STORAGE CONTAINER CAPACITY	60 kg (132 lbs)
CONTROL PANEL DIMENSIONS	(L) 365 mm x (W) 445 mm x (D) 128 mm
GRID DIMENSIONS	0.45 x 0.45 mm
CONE HEIGHT	267 mm
FILLING	dry with no lubricant
PUMP TYPE	venturi designed and built by Preo
NOISE CHARACTERISTICS	76 dbA

ELECTRICAL REQUIREMENTS

POWER SUPPLY AND AMPERAGE	230 VAC ± 20% - 50/60 Hz - 115 VAC ± 20% (on request) - 1 A
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PNEUMATIC SPECIFICATIONS

MINIMUM WORKING AIR PRESSURE	6 bar (0.6 MPa or 87 psi)
AIR CONNECTION	hose diameter 10 mm

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