

AltaBlue™ TT Melter for Precise Handheld Applications

Adhesive Melter

A convenient solution for precise handheld applications

Features and Benefits

- A durable and easy to use AltaBlue™ TT 16L tank melter.
- Additional quick response touch screen controller for the mattress applications.
- 5 customer-preset recipes for different pump speed selections.
- Two handheld applicators can work independently from one melter by PLC controller. The flow rate of one applicator is not affected by switching on or off the second applicator.
- Operating Air can open 1~3s prior to the glue output and close 1~3s after the glue output off.
- New check-valve to eliminate the possible pump reverse.

The AltaBlue™ TT for Precise Handheld Applications are specially designed for mattresses and other handheld applications. Based on the durable and easy-operating AltaBlue™ TT 16L tank melter, a newly-designed touchscreen controller is added to the front of the melter. This touchscreen works with the PLC control module installed in the melter cabinet to offer customers a total solution when performing handheld applications, especially mattress applications.

When the melter heating is ready, the additional touchscreen controller will offer customers five sets of pump output rates based on customer presets. With the PLC controller inside the melter, the pump output rate will automatically double or increase to the desired output rate when a second handheld applicator is triggered. The two handheld applicators can



work independently, and the flow rate of one handheld applicator is not affected by switching on or off the second handheld applicator. Operating Air can open one to three seconds before the glue output and close one to three seconds after the glue output off.

The operation language for the touchscreen controller can be English or Chinese.

Finally, a newly-designed check-valve installed in the manifold section helps the customer eliminate the pump reverse when the handheld applicator is suddenly shut off.

All of these features will address many of the customer needs when performing a handheld and mattress application.



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Specifications

Type of System	Tank with spur-gear pump
Filter Type	Saturn® basket-style filter
Holding Capacity	16 L
Throughput (per hour)	20 kg/hr (44 lb/hr)
Melt Rate (per hour) ¹	11.2 kg (24.7 lb/hr)
Maximum Pump Rate (per hour) ²	50 kg/hr (110 lb/hr)
Number of Hoses/Applicators	Up to 2
Maximum Working Hydraulic Pressure	75 bars (1100 psi)
Operating Temperature Range	40 to 250°C (100 to 482°F)
Ambient Temperature Range	0 to 40°C (32 to 104°F)
Temperature Control Stability	±0.5°C (1°F)
Electrical Service ³	200 to 240 VAC single phase 50/60 Hz
Maximum System Power Capacity @240 VAC	4350 watts
Input/Output Capability Standard	Key-to-line
Approx. Melter Weight (empty)	82 kg (217 lb)
Melter Dimensions	Width 393 mm (15.47 in.) Height 647 mm (25.47 in.) Depth 618 mm (24.33 in.)
Installation Dimensions	Width 393 mm (15.47 in.) Height 878 mm (34.57 in.) Depth 1052 mm (41.42 in.)
Degree of Protection	IP32

1 Actual rates will vary depending on adhesive type, application parameters, and input voltage.

2 Values shown for melter at 60 Hz.

3 Permitted deviation from rated line voltage is ±10%.



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