

VersaBlue® Adhesive Melter



50 and 100 liter melters

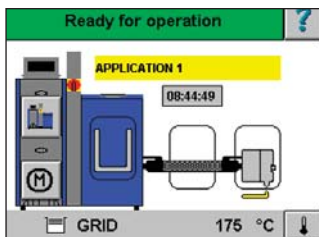
Nordson VersaBlue melters are designed for precise, demanding hot melt adhesive applications. A choice of metering spur-gear pumps with variable-speed AC motors satisfies a wide range of manufacturing requirements. A grid and reservoir tank design reduces adhesive degradation while maximizing adhesive throughput. A VxWorks®-based industrial PC provides full control of the adhesive system via a touch-screen interface.

VersaBlue melters:

- Install quickly and easily
- Provide easy day-to-day operation
- Simplify routine maintenance
- Maximize uptime
- Serve a broad range of industries



Large, accessible tank opening allows easier filling and cleaning



Graphical, touch-screen system control with status display of the tank, hose(s) and gun(s)



Entry panels make access to melter components quick and easy



Pump shut-off valve and single-tool removal provide quick, easy pump replacement



Quick plug-in hose/gun pairs

	VersaBlue 50	VersaBlue 100
Holding Capacity	50 L (3051 in ³) 48.5 kg (106.7 lb)	100 L (6102 in ³) 97.0 kg (213.4 lb)
Throughput (per hour)¹	75 kg (165 lb)	150 kg (330 lb)
Melt Rate (per hour)¹	50 kg (110 lb)	100 kg (220 lb)
Weight (empty)⁶	275 kg (606 lbs)	360 kg (798 lb)
Number of Guns	2, 4 or 6	2, 4, or 6

Specifications

Type of System	Release-coated grid and reservoir Spur-gear pump with variable speed AC motor	
Number of Pumps	1 or 2	
Maximum Pump Rate^{1 & 2}	1.4 to 82 kg/hr (3 to 180 lb/hr)	
Filter Type	Saturn® basket-style filter	
Maximum Working Hydraulic Pressure	85 bars/8.5 MPa (1230 psi)	
Operating Temperature Range³	40 to 230°C (100 to 450°F)	
Ambient Temperature Range	0° to 50°C (32 to 122°F)	
Temperature Control Stability	±1°C (2°F)	
Electrical Service⁴	200 VAC 3 phase 50/60 Hz ⁵ 200 to 240 VAC 3 phase 50/60 Hz 380 to 415 VAC-Y (3 phase N/PE) 50/60 Hz 400 VAC 3 phase 50/60 Hz ⁵ 480 VAC 3 phase 50/60 Hz ⁵	

Maximum System Power Capacity	50 liter	100 liter	
	2 hoses/guns	14875 watts	23490 watts
	4 hoses/guns	18475 watts	27090 watts
	6 hoses/guns	22075 watts	30690 watts
	8 hoses/guns	N/A	34290 watts

Input/Output Capability Standard 7 outputs; 10 inputs

Maximum Pressure Sensors 2

Melter Dimensions (W x H x D)	50 liter	100 liter
	1000 x 1382 x 782 mm (39.4 x 54.4 x 30.8 in)	1100 x 1382 x 1035 mm (43.3 x 54.4 x 40.8 in)

Installation Dimensions (W x H x D)	1760 x 1661 x 1125 mm (69.3 x 65.4 x 44.3 in)	2111 x 1565 x 1496 mm (83.1 x 61.6 x 58.9 in)
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Protection IP 54

¹ Actual rates will vary depending on adhesive type, application parameters and input voltage.
² Range given is for maximum pump rate of various pumps available.
³ High temperature unit available with operating range of 40 to 250°C (100 to 480°F).
⁴ Permitted deviation from rated line voltage is ±10%.
⁵ With integrated transformer.
⁶ Weight depends on melter configuration.

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Casters optional.
 Profibus® optional.



For more information, talk with your Nordson representative or contact your Nordson regional office.

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