

VersaBlue® N Series Adhesive Melter

Nordson®

12, 25 and 50 liter melters

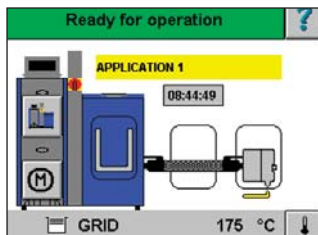
Nordson VersaBlue N series melters are designed for precise, demanding hot melt adhesive applications. A choice of up to four single-stream or two dual-stream metering spur-gear pumps with variable-speed AC motors satisfies a wide range of manufacturing requirements. A grid and reservoir tank design reduces adhesive degradation while maximizing adhesive throughput. A powerful industrial PC provides full control of the adhesive system via a touch-screen interface.

VersaBlue N series 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

VersaBlue® N Series 12, 25 and 50 Adhesive Melters

Specifications

Type of System	Release-coated grid and reservoir Spur-gear pump with variable AC motor	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
Number of Pumps	Up to 4 single stream or 2 dual stream	Input/Output Capability Standard	9 outputs 13 inputs
Maximum Pump Rate^{1 & 2}	1.4 to 48.0 kg/hr (3 to 105.6 lb/hr)	Maximum Pressure Sensors⁶	4 internal
Filter Type	Saturn® basket-style filter	Melter Dimensions (W x H x D)	1000 x 1382 x 782 mm (39.4 x 54.4 x 30.8 in)
Maximum Working Hydraulic Pressure	85 bars/8.5 MPa (1230 psi)	Installation Dimensions (W x H x D)	2090 x 1661 x 1031 mm (82.3 x 65.4 x 40.6 in)
Operating Temperature Range	40 to 230°C (100 to 450°F)	Protection	IP54
Ambient Temperature Range	0 to 50°C (32 to 122°F)		
Temperature Control Stability	±1°C (2°F)		

	VersaBlue 12 N	VersaBlue 25 N	VersaBlue 50 N
Holding Capacity	12 L (732 in ³) 11.4 kg (25.6 lb)	25 L (1526 in ³) 23.8 kg (52.5 lb)	50 L (3051 in ³) 47.5 kg (104.7 lb)
Throughput (per hour)¹	18 kg (39.6 lb)	40 kg (88 lb)	75 kg (165.4 lb)
Melt Rate (per hour)¹	14 kg (30.8 lb)	25 kg (55 lb)	50 kg (110.2 lb)
Weight (empty)³	225 kg (496 lb)	250 kg (551 lb)	275 kg (606 lb)
Number of Guns	2, 4 or 6	2, 4 or 6	2, 4 or 6
Maximum System Power Capacity			
2 hoses/guns	9650 watts	10280 watts	15605 watts
4 hoses/guns	13250 watts	13880 watts	19205 watts
6 hoses/guns	16850 watts	17480 watts	22805 watts



Quick plug-in hose/gun pairs

Quick connect I-O & Profibus® plugs

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 Weight depends on melter configuration.

⁴ Permitted deviation from rated line voltage is ±10%.

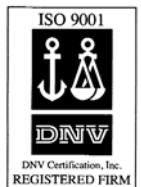
⁵ With integrated transformer.

⁶ Up to 8 external sensors optional.

Casters optional. Profibus, ControlNet® and Ethernet I/P optional.



Profibus is a registered trademark of Profibus International.
ControlNet is a registered trademark of Allen-Bradley.



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