

# VersaBlue<sup>®</sup> Plus Series

Adhesive Melters

## 25, 50 and 100 liter melters

### VersaBlue Plus series melters:

- Install quickly and easily
- Provide easy day-to-day operation
- Simplify routine maintenance
- Maximize uptime

Nordson VersaBlue Plus series melters are designed for precise, demanding hot melt adhesive applications. A choice of up to four single-stream or four 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.

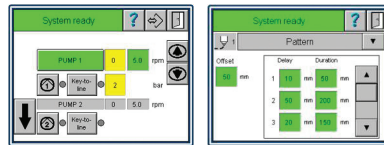
The “Plus” of the VersaBlue Plus melters are the optional melter-integrated:

- flow monitoring and closed-loop control
- closed-loop pattern control
- module response monitoring

### “Plus” Benefits with IPC Control

- Automatic adjustment of material flow and pattern to meet established customer requirements.
- Easy system integration using Nordson TruFlow™ products and/or OptiStroke™ needle stroke detection.
- Simplify set-up, operation and monitoring of pattern and flow control with intuitive, easy-to-use touch screen interface.
- Basic monitoring and reporting on melter display; more detailed information can be exported to a laptop or via field bus.
- Optimized hydraulic section for improved response and automated pressure relief at machine stop.
- Integrated control of external metering devices reduces system complexity.

Graphical, touch-screen system control with status of melter, flow and/or pattern control



Large, accessible tank opening allows easier filling and cleaning



Entry panels make access to melter components quick and easy



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

# VersaBlue® Plus Series 25, 50 and 100 Adhesive Melters

## Specifications

Type of System	Release-coated grid and reservoir Spur-gear pump with variable AC motor
Number of Pumps	Up to 4 single stream or 4 dual stream
Maximum Pump Rate <sup>1</sup> & <sup>2</sup>	1.4 to 82.1 kg/hr (3 to 181 lb/hr)
Filter Type	Saturn® basket-style filter
Maximum Working Hydraulic Pressure	85 bars/8.5 MPa (1230 psi)
Operating Temperature Range	40 to 230°C (100 to 450°F)
Ambient Temperature Range	0 to 40°C (32 to 104°F)
Temperature Control Stability	±1°C (2°F)
Electrical Service <sup>4</sup>	200 VAC 3 phase 50/60 Hz <sup>5</sup> 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 <sup>5</sup> 480 VAC 3 phase 50/60 Hz <sup>5</sup>
Input/Output Capability Standard	9 outputs, 13 inputs
TruFlow Control	Up to 4 channels
Closed-loop Pattern Control	Up to 8 channels
Module Response Monitoring	Up to 32 channels
External Metering Devices	Up to 4 combined internal & external controllers
Maximum Pressure Sensors <sup>6</sup>	8 internal
Melter Dimensions (W x H x D)	1100 x 1382 x 1035 mm (43.3 x 54.4 x 40.8 in)
Installation Dimensions (W x H x D)	2699 x 1205 x 1281 mm (106.3 x 61.6 x 50.4 in)
Protection	IP54

	VersaBlue 25	VersaBlue 50	VersaBlue 100
Holding Capacity	25 L (1526 in <sup>3</sup> ) 23.8 kg (52.5 lb)	50 L (3051 in <sup>3</sup> ) 48.5 kg (104.7 lb)	100 L (6102 in <sup>3</sup> ) 97 kg (213 lb)
Throughput (per hour) <sup>1</sup>	40 kg (88 lb)	75 kg (165.4 lb)	150 kg (330 lb)
Melt Rate (per hour) <sup>1</sup>	25 kg (55 lb)	50 kg (110.2 lb)	100 kg (220 lb)
Weight (empty) <sup>3</sup>	265 kg (584 lb)	290 kg (639 lb)	360 kg (794 lb)
Number of Guns	2, 4, 6 or 8	2, 4, 6 or 8	2, 4, 6 or 8
Maximum System Power Capacity			
2 hoses/guns	10280 watts	15605 watts	20740 watts
4 hoses/guns	13880 watts	19205 watts	27940 watts
6 hoses/guns	17480 watts	22805 watts	31540 watts
8 hoses/guns	21080 watts	26405 watts	35140 watts

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

<sup>2</sup>Range given is for maximum pump rate of various pumps available.

<sup>3</sup>Weight depends on melter configuration.

<sup>4</sup>Permitted deviation from rated line voltage is ±10%.

<sup>5</sup>With integrated transformer.

<sup>6</sup>Up to 8 external sensors optional.



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

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trademarks of Rockwell Automation, Inc.



Quick connection

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