

# VersaBlue® Adhesive Melters

Nordson®

## 12 and 25 liter melters

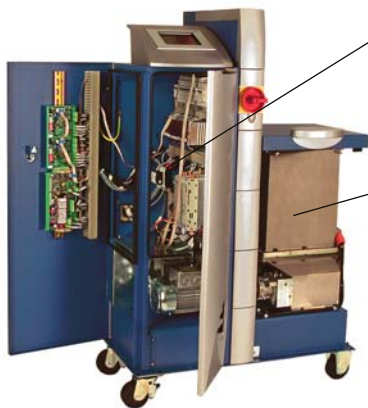
Nordson VersaBlue melters are designed for precise, demanding hot melt adhesive applications. A choice of metering spur-gear pumps with variable-speed AC motors satisfies a wide range of manufacturing requirements. A grid and reservoir tank design reduces adhesive degradation while maximizing adhesive throughput. A powerful 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



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



Large, accessible tank opening allows easier filling and cleaning



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



Quick plug-in  
hose/gun pairs

Quick connect I-O  
& Profibus® plugs

	VersaBlue 12	VersaBlue 25
<b>Holding Capacity</b>	12 L (732 in <sup>3</sup> ) 11.6 kg (25.6 lb)	25 L (1526 in <sup>3</sup> ) 24.3 kg (53.4 lb)
<b>Throughput (per hour)<sup>1</sup></b>	18 kg (39.6 lb)	40 kg (88 lb)
<b>Melt Rate (per hour)<sup>1</sup></b>	14 kg (30.8 lb)	25 kg (55 lb)
<b>Weight (empty)<sup>2</sup></b>	190 kg (418 lb)	225 kg (495 lb)
<b>Number of Guns</b>	2, 4 or 6	2, 4 or 6

Profibus is a registered trademark of Profibus International

## 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<sup>1</sup> & <sup>3</sup>

1.4 to 82 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<sup>4</sup>

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 Service<sup>5</sup>

240 VAC 1 phase 50/60 Hz<sup>6</sup>  
200 VAC 3 phase 50/60 Hz<sup>7</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>7</sup>  
480 VAC 3 phase 50/60 Hz<sup>7</sup>

### Maximum System

### Power Capacity

#### 12 liter

#### 25 liter

#### 2 hoses/guns

6960 watts

9610 watts

#### 4 hoses/guns

10560 watts

13210 watts

#### 6 hoses/guns

14160 watts

16810 watts

### Input/Output Capability Standard

7 outputs  
10 inputs

### Maximum Pressure Sensors

2

### Melter Dimensions

#### (W x H x D)

885 x 1382 x 582 mm  
(34.8 x 54.4 x 22.9 in)

### Installation Dimensions

#### (W x H x D)

1445 x 1382 x 831 mm  
(56.9 x 54.4 x 32.7 in)

### Protection

IP54

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

<sup>2</sup> Weight depends on melter configuration.

<sup>3</sup> Range given is for maximum pump rate of various pumps available.

<sup>4</sup> High temperature unit available with operating range of 40 to 250°C (100 to 480°F).

<sup>5</sup> Permitted deviation from rated line voltage is ±10%.

<sup>6</sup> 12-liter melter only; there are hose/gun pair capacity restrictions.

<sup>7</sup> With integrated transformer.

Casters optional.

Profibus and Ethernet I/P optional.



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

### United States

Duluth, Georgia  
Telephone: (800) 683-2314  
Toll-free Facsimile:  
(866) 667-3329

### Canada

Markham, Ontario  
Telephone: (800) 463-3200  
Facsimile: (905) 475-8821

### Europe

Lüneburg, Germany  
Telephone: (49) 4131-894-0  
Facsimile: (49) 4131-894-149

### Japan

Tokyo, Japan  
Telephone: (81) 3-5762-2700  
Facsimile: (81) 3-5762-2701

### Asia/Australia/ Latin America

Amherst, Ohio  
Telephone: (440) 985-4797  
Facsimile: (440) 985-1096

[www.nordson.com](http://www.nordson.com)



When you expect more.®