VersaBlue® 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.
### 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**

<table>
<thead>
<tr>
<th></th>
<th>VersaBlue 25</th>
<th>VersaBlue 50</th>
<th>VersaBlue 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Throughput (per hour)&lt;sup&gt;1&lt;/sup&gt;</td>
<td>40 kg (88 lb)</td>
<td>75 kg (165.4 lb)</td>
<td>150 kg (330 lb)</td>
</tr>
<tr>
<td>Melt Rate (per hour)&lt;sup&gt;1&lt;/sup&gt;</td>
<td>25 kg (55 lb)</td>
<td>50 kg (110.2 lb)</td>
<td>100 kg (220 lb)</td>
</tr>
<tr>
<td>Weight (empty)&lt;sup&gt;3&lt;/sup&gt;</td>
<td>265 kg (584 lb)</td>
<td>290 kg (639 lb)</td>
<td>360 kg (794 lb)</td>
</tr>
<tr>
<td>Number of Guns</td>
<td>2, 4, 6 or 8</td>
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**Maximum System Power Capacity**

<table>
<thead>
<tr>
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<th>VersaBlue 25</th>
<th>VersaBlue 50</th>
<th>VersaBlue 100</th>
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</thead>
<tbody>
<tr>
<td>2 hoses/guns</td>
<td>10280 watts</td>
<td>15605 watts</td>
<td>20740 watts</td>
</tr>
<tr>
<td>4 hoses/guns</td>
<td>13880 watts</td>
<td>19205 watts</td>
<td>27940 watts</td>
</tr>
<tr>
<td>6 hoses/guns</td>
<td>17480 watts</td>
<td>22805 watts</td>
<td>31540 watts</td>
</tr>
<tr>
<td>8 hoses/guns</td>
<td>21080 watts</td>
<td>26405 watts</td>
<td>35140 watts</td>
</tr>
</tbody>
</table>

**Filter Type**
- Saturn<sup>®</sup> 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**

<table>
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<tr>
<td>200 VAC 3 phase 50/60 Hz&lt;sup&gt;4&lt;/sup&gt;</td>
<td>200 VAC 3 phase 50/60 Hz</td>
<td>400 VAC 3 phase 50/60 Hz&lt;sup&gt;5&lt;/sup&gt;</td>
<td>480 VAC 3 phase 50/60 Hz&lt;sup&gt;5&lt;/sup&gt;</td>
</tr>
</tbody>
</table>

**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**
- 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

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<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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