

# AltaBlue™ Series Adhesive Melters



## 15, 30 and 50 liter melters

Nordson AltaBlue Series melters are designed for precise, demanding hot melt adhesive applications. A choice of metering spur-gear pumps with variable-speed AC motors and key-to-line functionality satisfies a wide range of manufacturing requirements. A Teflon®-coated tank and reservoir design reduces adhesive degradation while maximizing adhesive throughput. The versatile control panel offers a choice of programming methods using either the keypad or arrow keys.

AltaBlue Series melters:

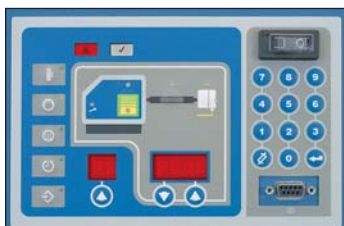
- Install quickly and easily
- Provide easy day-to-day operation
- Simplify routine maintenance
- Maximize uptime
- Serve a broad range of industries



Status-at-a-glance indicators graphically display the status of the tank, hose and gun



Independent variable-speed pump control provides key-to-line capability



Easy-to-use controls eliminate complicated programming



Filter Replacement Indicator

Service indicators simplify maintenance scheduling



## AltaBlue™ Series 15, 30 and 50 Adhesive Melters

### Specifications

<b>Type of System</b>	Release-coated tank and reservoir Spur-gear pump with variable AC motor
<b>Number of Pumps</b>	Up to 2 dual or 4 single stream
<b>Maximum Pump Rate<sup>1 &amp; 2</sup></b>	1.4 to 37.1 kg/hr (3 to 81.6 lb/hr)
<b>Number of Hoses/Guns</b>	Up to 6
<b>Filter Type</b>	Saturn® basket-style filter
<b>Maximum Working Hydraulic Pressure</b>	85 bars/8.5 MPa (1230 psi)
<b>Operating Temperature Range</b>	40 to 230°C (100 to 450°F)
<b>Ambient Temperature Range</b>	0° to 50°C (32 to 122°F)
<b>Temperature Control Stability</b>	±1°C (2°F)
<b>Maximum External Power Capacity</b>	
<b>Hose/Gun Connector Positions 1-4 (each)</b>	1,200 watts per pair/1,000 watts per channel
<b>Hose/Gun Connector Positions 5-6 (each)</b>	2,000 watts per pair/2,000 watts per channel
<b>Electrical Service<sup>4</sup></b>	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>
<b>Input/Output Capability</b>	3 STD outputs - programmable for function
<b>Standard</b>	4 STD inputs - programmable for function
<b>Melter Dimensions (W x H x D)</b>	2 pump: 525 x 1465 x 950 mm (20.7 x 57.7 x 37.4 in.) 4 pump: 950 x 1465 x 950 mm (37.4 x 57.7 x 37.4 in.)
<b>Installation Dimensions (W x H x D)</b>	2 pump: 2355 x 1465 x 2780 mm (92.7 x 57.7 x 109.5 in.) 4 pump: 2780 x 1465 x 2780 mm (109.5 x 57.7 x 109.5 in.)
<b>Protection</b>	IP33

Large, accessible tank opening allows easier filling and cleaning



Quick plug-in hose/gun pairs

	<b>AltaBlue 15</b>	<b>AltaBlue 30</b>	<b>AltaBlue 50</b>
<b>Holding Capacity</b>	15 L (915 in <sup>3</sup> ) 14.5 kg (32 lb)	30 L (1831 in <sup>3</sup> ) 29 kg (64 lb)	50 L (3051 in <sup>3</sup> ) 47.5 kg (104.7 lb)
<b>Throughput (per hour)<sup>1</sup></b>	28 kg (62 lb)	45 kg (99 lb)	50 kg (110 lb)
<b>Melt Rate (per hour)<sup>1</sup></b>	15 kg (33 lb)	30 kg (66 lb)	50 kg (110 lb)
<b>Weight (empty)<sup>3</sup></b>			
2 pump	200 kg (440 lb)	225 kg (500 lb)	250 kg (550 lb)
4 pump		440 kg (970 lb)	472 kg (1041 lb)
<b>Maximum System Power Capacity</b>			
2 pump	14,700 watts	16,300 watts	19,500 watts
4 pump		22,260 watts	24,510 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.

*Teflon is a registered trademark of E.I. DuPont de Nemours and Company.*



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

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