

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

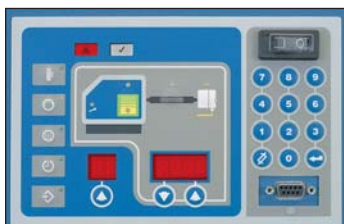


Independent variable-speed pump control provides key-to-line capability



Filter Replacement Indicator

Service indicators simplify maintenance scheduling



Easy-to-use controls eliminate complicated programming



Specifications

Type of System

Release-coated tank and reservoir
 Spur-gear pump with variable AC motor

Number of Pumps

Up to 2 dual or 4 single stream

Maximum Pump Rate^{1 & 2}

1.4 to 37.1 kg/hr (3 to 81.6 lb/hr)

Number of Hoses/Guns

Up to 6

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 50°C (32 to 122°F)

Temperature Control Stability

±1°C (2°F)

Maximum External Power Capacity

Hose/Gun Connector Positions 1-4 (each)

1,200 watts per pair/1,000 watts per channel

Hose/Gun Connector Positions 5-6 (each)

2,000 watts per pair/2,000 watts per channel

Electrical Service⁴

200 VAC 3 phase 50/60 Hz⁵

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 Hz⁵

480 VAC 3 phase 50/60 Hz⁵

Input/Output Capability

3 STD outputs - programmable for function

Standard

4 STD inputs - programmable for function

Melter Dimensions (W x H x D)

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.)

Installation Dimensions (W x H x D)

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.)

Protection

IP33

Large, accessible tank opening allows easier filling and cleaning



Quick plug-in hose/gun pairs

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

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.

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



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