

AltaBlue™ Series Adhesive Melter

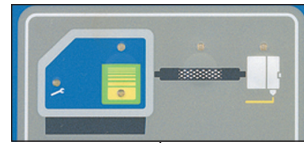


100 liter melter

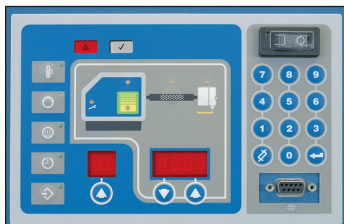
Nordson AltaBlue Series melter are designed for precise, demanding hot melt adhesive applications. A choice of single-stream or dual-stream spur gear pumps with variable-speed AC motors and key to line functionality meets a wide range of manufacturing requirements. A Teflon®-coated tank and reservoir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

AltaBlue 100 Series melter:

- Expand capacity to 100 L
- Deliver increased melt rate
- Choose up to 4 dual or single stream pumps
- Provide easy day-to-day maintenance
- Maximize uptime



Configurable low-level indicator uses single-point float design and can be monitored remotely



Easy-to-use controls eliminate complicated programming



Filter Replacement Indicator

Service indicators simplify maintenance scheduling



Standard 6 hose/gun connectors, configurable to 8 hose/gun connectors for increased flexibility



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



AltaBlue™ Series 100 Liter Adhesive Melter

Specifications

| | |
|---|--|
| Type of System | Release-coated tank and reservoir, Spur-gear pump with variable AC motor |
| Number of Pumps | Up to 4 dual or single stream |
| Maximum Pump Rate^{1 & 2} | 1.4 to 82.1 kg/hr (3 to 180.6 lb/hr) |
| Number of Hoses/Guns | Up to 8 |
| Filter Type | Saturn® basket-style filter |
| Maximum Working Hydraulic Pressure | 85 bars/8.5 MPa (1230 psi) |
| Operating Temp. Range | 40 to 230°C (100 to 450°F) |
| Ambient Temp. Range | 0° to 50°C (32 to 122°F) |
| Temp. Control Stability | ±1°C (2°F) |
| Maximum External Power Capacity | |
| Max. load per hose receptacle (2 channels), six hose/gun melters | 1000 W, any single hose or gun 1200 W, any hose/gun pair 2000 W, sum of hose/gun pairs 1 and 2 2000 W, sum of hose/gun pairs 3 and 4 2000 W, any single hose, or gun 5 or 6 2000 W, hose/gun pair 5 or 6 4000 W, sum of hose/gun pairs 5 and 6 |

NOTE: Total external wattage must not exceed 8,000 W.

| | |
|---|---|
| Max. load per hose receptacle (2 channels), eight hose/gun melters | 1000 W, any single hose or gun 1200 W, any hose/gun pair 2000 W, sum of hose/gun pairs 1 and 2 2000 W, sum of hose/gun pairs 7 and 8 2000 W, any single hose, or gun 3 or 4 2000 W, any single hose, or gun 5 or 6 2000 W, hose/gun pair 3 or 4 2000 W, hose/gun pair 5 or 6 4000 W, sum of hose/gun pairs 3 and 4 4000 W, sum of hose/gun pairs 5 and 6 |
|---|---|

NOTE: Total external wattage must not exceed 12,000 W.

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.



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|--|--|
| Electrical Service⁴ | 230 VAC 3-phase without neutral (Delta) 50/60 Hz 400 VAC 3-phase with neutral (star-WYE) 50/60 Hz 400 VAC 3-phase without neutral (Delta) 50/60 Hz ⁵ 480 VAC 3-phase without neutral (Delta) 50/60 Hz ⁵ |
| Input/Output Capability Standard | 3 STD outputs - programmable for function 4 STD inputs - programmable for function |
| Melter Dimensions (W x H x D) | 1008.7 x 1470 x 1261 mm (39.7 x 57.9 x 49.7 in.) |
| Installation Dimensions (W x H x D) | 2850 x 1470 x 3090 mm (112.2 x 57.9 x 121.7 in.) |
| Protection | IP33 |
| Holding Capacity | 100 L (610 in ³) 100 kg (220.2 lb) |
| Throughput (per hour)¹ | 100 kg (220.2 lb) |
| Melt Rate (per hour)¹ | 100 kg (220.2 lb) |
| Weight (empty)³ | 590 kg (1301 lb) |
| Maximum System Power Capacity | 100L melter, six hose/gun 29,157 W 100L melter, eight hose/gun 33,157 W |

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



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