

DuraBlue® 25 Adhesive Melters

Nordson

25 liter melters

Nordson DuraBlue adhesive melters are designed for simple, low-maintenance hot melt adhesive applications. Production flexibility is achieved through the high-output gerotor pump with a choice of preset speeds for the AC motors. The grid and reservoir tank design reduces adhesive degradation while maximizing adhesive throughput. An optional unheated hopper can double holding capacity to minimize refilling frequency. The simple, versatile control panel offers a choice of programming method, using either the keypad or arrow keys.

DuraBlue 25 adhesive melters can also be utilized as pre-melters.

DuraBlue 25 melters:

- **Are easy to install**
- **Provide easy day-to-day operation**
- **Simplify routine maintenance**



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



Easy-open panels make access to melter components quick



Large, accessible tank opening allows for easier filling and cleaning



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



Quick plug-in
hose/gun pairs



Specifications

Type of System

Release-coated grid and reservoir
Gerotor pump with preset speed AC motor

Holding Capacity with hopper

25 L (1526 in³)/24.3 kg (53.4 lb)
50 L (3051 in³)/48.5 kg (107 lb)

Throughput¹

28 kg/hr (61.7 lb/hr)

Melt Rate¹

25 kg/hr (55 lb/hr)

Maximum Pump Rate¹

35, 45 or 90 kg/hr (77, 99 or 198 lb/hr)

Number of Hoses/Guns

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)

Electrical Service²

200 VAC 3 phase 50/60 Hz³
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 Hz³
480 VAC 3 phase 50/60 Hz³

Maximum System Power Capacity

13250 watts

Weight (empty)⁴ with hopper

195 kg (429 lbs)
210 kg (462 lbs)

Input/Output Capability Standard

3 STD Outputs - programmable for function
4 STD Inputs - programmable for function

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 835 mm
(56.9 x 54.4 x 32.9 in)

Installation Dimensions with hopper (W x H x D)

1445 x 1711 x 835 mm
(56.9 x 67.4 x 32.9 in)

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

² Permitted deviation from rated line voltage is ±10%.

³ With integrated transformer.

⁴ Weight depends on melter configuration.

Casters optional.

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

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