

DuraBlue™ 25 Adhesive Melter

Nordson

25 liter melter

Nordson DuraBlue adhesive melter 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 melter can also be utilized as pre-melters.

DuraBlue 25 melter:

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



Large, accessible tank opening allows for easier filling and cleaning



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



Easy-open panels make access to melter components quick



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 in ³)/24.3 kg (53.4 lb) 50 L (3051 in ³)/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 Hz ³ 200 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 ³ 480 VAC 3 phase 50/60 Hz ³
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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