



# DuraDrum® Bulk Melters

## 200-liter or 55-gallon drum melters

Nordson DuraDrum bulk melters are designed to provide simple, low-maintenance application of hot melt adhesives, sealants and butyls from 200-liter or 55-gallon drums. Many standard features, such as manual pressure control and blow-off valves, simplify daily operation and maintenance. DuraDrum bulk melters only melt the top surface of adhesive, allowing the remaining material in the drum to stay solid.

DuraDrum melters:

- Provide easy day-to-day operation
- Offer production flexibility
- Protect adhesive integrity



Easy-to-use graphical controls simplify programming and display system status

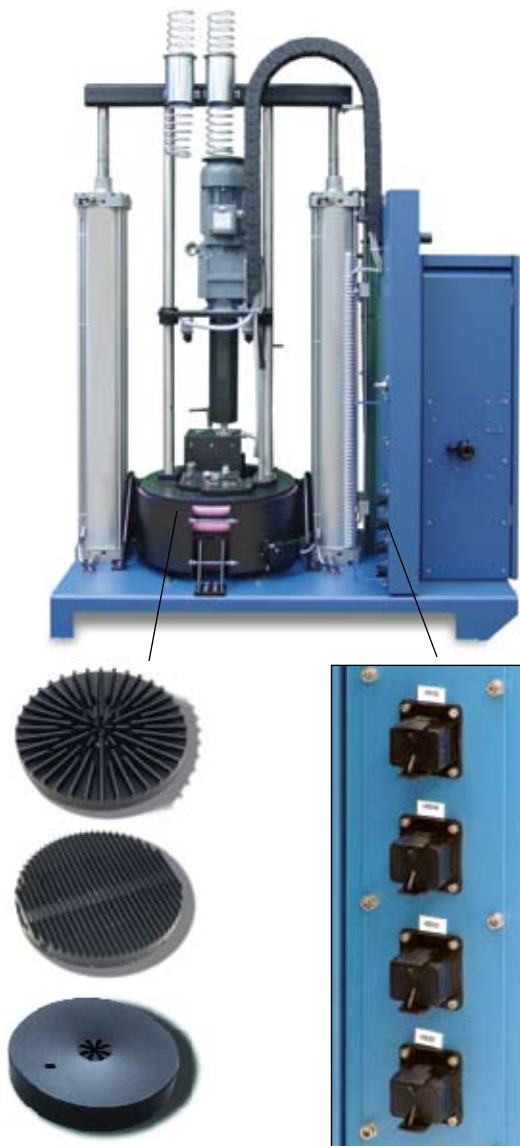
Single side access for controls and drum changes



Dual hose/gun configuration uses standard Ni 120 Nordson hoses and guns

Pressure control valve for accurate, adjustable pressure

Sturdy drum clamp for accurate drum positioning



Modular, non-stick axial, finned and smooth melt platens for quick change and easy clean-up

Eight additional temperature channels for control of spray guns, heaters, etc.

**Specifications**

<b>Type of System</b>	Gear pumps with preset fixed speed AC motor
<b>Drum Diameter</b>	571 mm (22.5 in) or 567 mm (22.3 in)
<b>Maximum Pump Rate<sup>1</sup></b>	245 kg/hr (540 lb/hr)
<b>Number of Hoses/Guns</b>	2 (hydraulic and electrical) 4 additional (electrical only)
<b>Maximum Working Hydraulic Pressure</b>	100 bars/10 MPA (1500 psi)
<b>Operating Temperature Range</b>	40 to 230°C (100 to 450°F)
<b>Ambient Temperature Range</b>	-5 to 40°C (23 to 104°F)
<b>Temperature Control Stability</b>	±1°C (2°F)
<b>Temperature Sensor</b>	Ni 120
<b>Electrical Service<sup>2</sup></b>	200 VAC 3 phase delta 50/60 Hz 240 VAC 3 phase delta 50/60 Hz 400 VAC 3 phase Y 50/60 Hz 400 VAC 3 phase delta 50/60 Hz 480 VAC 3 phase delta 50/60 Hz 575 VAC 3 phase delta 50/60 Hz
<b>Maximum System Power Capacity</b>	33,100 watts
<b>Weight (empty)<sup>3</sup></b>	675 kg (1488 lb)
<b>Input/Output Capability Standard</b>	3 STD Outputs – programmable for function 4 STD Inputs – programmable for function
<b>Melter Dimensions (W x H x D)</b>	1570 x 1830 x 740 mm (61.8 x 72.0 x 29.1 in)
<b>Installation Dimensions</b>	2100 x 3010 x 1105 mm (82.7 x 118.5 x 43.5 in)
<b>Protection</b>	IP54

<sup>1</sup> Actual rates will vary depending on adhesive type, application parameters and input voltage.  
<sup>2</sup> Permitted deviation from rated line voltage is ±10%.  
<sup>3</sup> Weight depends on melter configuration.



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