



# 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

### Type of System

Gear pumps with preset fixed speed AC motor

### Drum Diameter

571 mm (22.5 in) or 567 mm (22.3 in)

### Maximum Pump Rate<sup>1</sup>

245 kg/hr (540 lb/hr)

### Number of Hoses/Guns

2 (hydraulic and electrical)  
4 additional (electrical only)

### Maximum Working Hydraulic Pressure

100 bars/10 MPA (1500 psi)

### Operating Temperature Range

40 to 230°C (100 to 450°F)

### Ambient Temperature Range

-5 to 40°C (23 to 104°F)

### Temperature Control Stability

±1°C (2°F)

### Temperature Sensor

Ni 120

### Electrical Service<sup>2</sup>

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

### Maximum System Power Capacity

33,100 watts

### Weight (empty)<sup>3</sup>

675 kg (1488 lb)

### Input/Output Capability Standard

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

### Melter Dimensions (W x H x D)

1570 x 1830 x 740 mm  
(61.8 x 72.0 x 29.1 in)

### Installation Dimensions

2100 x 3010 x 1105 mm  
(82.7 x 118.5 x 43.5 in)

### Protection

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.



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

#### United States

Duluth, Georgia  
Telephone: (800) 683-2314  
Toll-free Facsimile:  
(866) 667-3329

#### Canada

Markham, Ontario  
Telephone: (800) 463-3200  
Facsimile: (905) 475-8821

#### Europe

Lüneburg, Germany  
Telephone: (49) 4131-894-0  
Facsimile: (49) 4131-894-149

#### Japan

Tokyo, Japan  
Telephone: (81) 3-5762-2700  
Facsimile: (81) 3-5762-2701

#### Asia/Australia/ Latin America

Amherst, Ohio  
Telephone: (440) 985-4797  
Facsimile: (440) 985-1096

[www.nordson.com](http://www.nordson.com)



When you expect more.®