



# DuraPail™ Bulk Melters

## 20-liter or 5-gallon pail melters

Nordson DuraPail bulk melters are designed to provide simple, low-maintenance application of hot melt adhesives, sealants and butyls from 20-liter or 5-gallon pails. Production flexibility is achieved through use of a gear pump with a choice of preset speeds for the AC motor. Many standard features, such as manual pressure control and blow-off valves, simplify daily operation and maintenance. DuraPail bulk melters only melt the top surface of adhesive, allowing the remaining material in the pail to stay solid.

DuraPail melters:

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

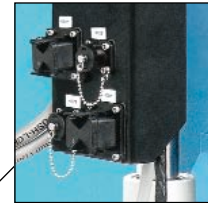


Easy-to-use graphical controls simplify programming and display system status

Single side access for controls and pail changes



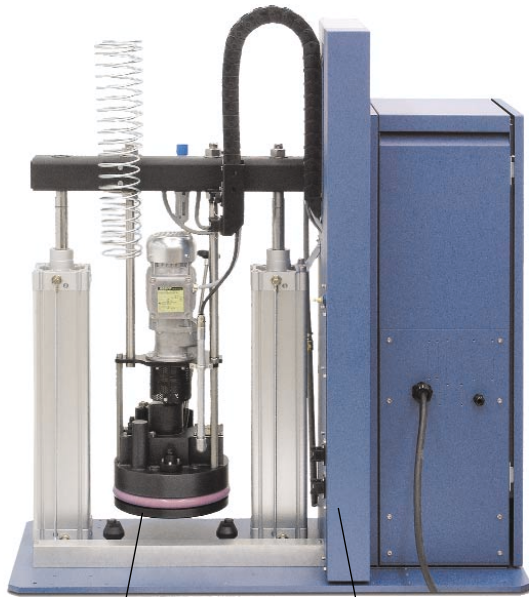
Drum centering for accurate pail positioning



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



Pressure control valve for accurate, adjustable pressure



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



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

**Specifications**

<b>Type of System</b>	Gerotor or gear pump with preset speed AC motor
<b>Pail Diameter</b>	280 or 286 mm (11 or 11.3 in)
<b>Maximum Pump Rate<sup>1</sup></b>	92 kg/hr (203 lb/hr)
<b>Number of Hoses/Guns</b>	2
<b>Maximum Working Hydraulic Pressure</b>	85 bars/8.5 MPA (1230 psi)
<b>Operating Temperature Range</b>	40 to 230°C (100 to 450°F)
<b>Ambient Temperature Range</b>	0 to 50°C (32 to 122°F)
<b>Temperature Control Stability</b>	±1°C (2°F)
<b>Temperature Sensor</b>	Ni 120
<b>Electrical Service<sup>2</sup></b>	200 to 240 VAC 3 phase 50/60 Hz 380 to 415 VAC-Y (3 phase N/PE) 50/60 Hz
<b>Maximum System Power Capacity</b>	9000 watts
<b>Weight (empty)<sup>3</sup></b>	340 kg (750 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>	1180 x 1268 x 540 mm (46.5 x 49.9 x 21.3 in)
<b>Installation Dimensions</b>	1740 x 1670 x 793 mm (68.5 x 65.7 x 31.2 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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