



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. 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



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

Pressure control valve for accurate, adjustable pressure

Pail centering or clamp option for accurate pail positioning



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



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

Specifications

Type of System	Gerotor or gear pump with preset fixed speed AC motor
Pail Diameter	280 or 286 mm (11 or 11.3 in)
Maximum Pump Rate¹	92 kg/hr (203 lb/hr)
Number of Hoses/Guns	2 (hydraulic & electrical) 2 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 50° C (23 to 122° F)
Temperature Control Stability	±1°C (2°F)
Temperature Sensor	Ni 120
Electrical Service²	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
Maximum System Power Capacity	9100 watts
Weight (empty)³	335 kg (739 lb)
Input/Output Capability Standard	3 STD Outputs – programmable for function 4 STD Inputs – programmable for function
Melter Dimensions (W x H x D)	1190 x 1920 x 540 mm (46.9 x 75.6 x 21.3 in)
Installation Dimensions	1570 x 1920 x 903 mm (61.8 x 75.6 x 35.6 in)
Protection	IP54

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



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