

AltaPail™ II

Bulk Melters

20-liter or 5-gallon pail melters

AltaPail II melters:

- Use intuitive LCD touchscreen HMI
- Provide easy setup, monitoring and operation
- Offer production flexibility
- Protect adhesive integrity



Intuitive LCD touch screen for easy operation

Two-side access to cabinet simplifies maintenance



Variable speed motors and precision gear pumps

Pressure control valve for accurate, adjustable pressure

Nordson AltaPail II bulk melters are designed for precise demanding and variable speed hot melt adhesive application from 20-liter or 5-gallon pails. With a variety of pump sizes, AltaPail II melters accommodate a wide variety of adhesives and meet specific manufacturing requirements. Additionally, a high temperature version supports temperatures up to 230°C (450°F).

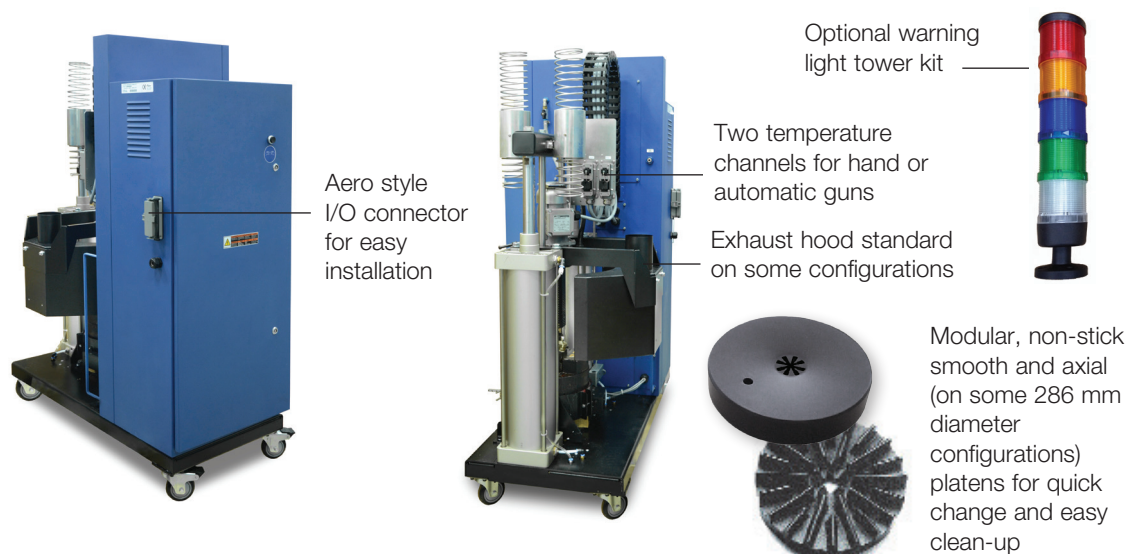
This melter series is equipped with the powerful yet intuitive Optix™ LCD touch-screen operator interface which simplifies system set-up, monitoring and operation. The intelligent diagnostic functions simplify troubleshooting and minimize downtime. The system also supports customer settings (recipe) management, seven-day scheduler and multiple languages.

Using an SD card, the system can easily record and transfer comprehensive operational and fault information, as well as customer settings (recipes). Other standard hydraulic/mechanical features, such as manual pressure control, blow-off valves and pail clamping, further simplify daily operation and maintenance.

AltaPail II bulk melters only melt the top surface of adhesive allowing the remaining material in the pail to stay solid to reduce thermal stress and protect bonding characteristics. Particularly well-suited for reactive adhesives, such as moisture-cure polyurethanes, the hydraulic passages are designed to eliminate dead spaces where undesired curing could result.



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Specifications

Type of System	Precision gear pumps with variable speed AC motor
Pail Diameter	280 or 286 mm (11 or 11.3 in)
Maximum Pump Rate ¹	37 kg/hr (82 lb/hr)
Number of Hoses/Guns	2 (hydraulic & electrical)
Maximum Working Hydraulic Pressure	75 bar/7.5 MPA (1100 psi)
Operating Temperature Range	
Standard	40 to 176°C (100 to 350°F)
High Temperature	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 Service ²	400 VAC 3-phase Y 50/60 Hz 240 VAC 3-phase delta 50/60 Hz 480 VAC 3-phase delta 50/60 Hz
Maximum System Power Capacity	7100 watts @ 480 VAC 8500 watts @ 400 VAC 9300 watts @ 240 VAC
Approx. 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 590 mm (46.9 x 75.6 x 23.2 in)
Installation Dimensions	1705 x 1920 x 858 mm (67.1 x 75.6 x 33.8 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; approx. 50 kg (110 lb) more with transformer and exhaust hood.



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

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