

ISOMELT MINI & D4 PUR SERIES

PUR Adhesive Melters

Valco Melton's IsoMelt Mini and D4 PUR Series have been specifically designed to process reactive hot melts such as PUR. The tank can accommodate 2kg PUR standard slugs and work with up to 4 liters of adhesive. All units feature a fully integrated multi-functional controller that is accessible from a user-friendly screen, allowing for fast and easy configuration changes and providing 'key-to-line' capabilities.



Airtight tank opening and blowing system.



Integrated grammage control, accessible through a MFC controller, simplifies the operator's programming tasks to eliminate product loss and downtime associated with incorrect coat weight adjustments.

- Ideal for edge-banding, post-forming, bookbinding, product assembly and clear packaging.
- No cleaning is required, which eliminates the need for weekend shutdown.
- Swiveling tank lid allows for faster changes of PUR slugs, minimizing downtime.



Dry air blanket prevents moisture from reaching the adhesive.



Teflon® coated round tank offers easy cleaning and minimized adhesive degradation.



Ensure a cleaner application with the integrated filter in the pump manifold.

- Optional pneumatic pressure regulation
- Optional lighting beacon and unit alarms to indicate low adhesive levels
- Wide range of available options permits complete customization based on specific user needs

Technical Specifications

Isomelt Mini & D4 PUR		
Unit	Isomelt Mini Series	D4 PUR Series
Tank Capacity (L)	4L	
Melting Capacity (kg/h)	5 Kg/h (*)	
Adhesives	PUR	
Number of Pumps	1	
Working Temperature	30 - 230°C	
Electrical Connection	230 V 3-phase Δ / 400 V 3-phase Y - 50/60 Hz	
Max. Working Viscosity	35,000 cps	
Max. Working Hydraulic Pressure	100 bar	
Max. Electrical Tank Consumption	1200 W	
Max. Pumping Capacity per Pump (Kg/h)	48	24
Variable Speed	Yes	No
Grammage Control	Yes	No
Max. Electric Exits	4	2
Hydraulic Exits	4	2

(*) Melt rate may vary depending on specific adhesive type

4 Output Electronic Board				
Max. Channel Power	Channel 1 / Channel 2		D4 PUR Series	
Unit	Isomelt Mini Series	D4 PUR Series	Isomelt Mini Series	D4 PUR Series
Per Channels (hose and gun)	2x1800	2x1150	2x1400	-

For more information, visit valcomelton.com or contact your local representative

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