

ISOMELT SERIES

PUR Adhesive Melter

Valco Melton's IsoMelt Series has been specifically designed to process reactive hot melts such as PUR. Fast and easy changes to EVA or APAO without adhesive degradation are no problem. The tank can accommodate 2 PUR standard bags, so that IsoMelt units can work with up to 40 liters of adhesive and meet the high production requirements of the woodworking, PVC and aluminum industries.

- Ideal solution for profile wrapping, edge-banding and post-forming
- Easily removal of adhesive residue permits switching between PUR and other types of adhesive
- High production output and production flexibility



Air-tight tank opening and blowing system.



Faster and safer maintenance and cleaning operations thanks to its tiltable tank and removable melting grid.



Dry air blanket prevents moisture from reaching the adhesive



The integrated grammage control, accessible through a multi-function controller, simplifies operator's programming tasks to eliminate product loss and downtime associated with incorrect coat weight adjustments.



Teflon® coated round tank for easy cleaning with a low level sensor to facilitate operator tasks.



Up to 2 pumps to maximize production. Ensure cleaner applications with the integrated filter in the pump manifold.

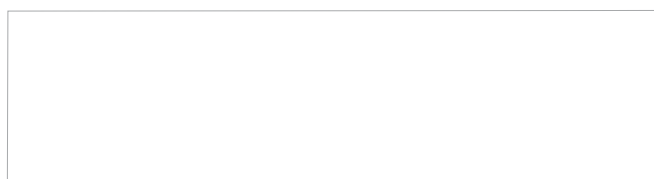
- Swiveling tank lid allows for faster changes of PUR slugs, minimizing downtime.
- Utilizes a main machine interface for easy operation.
- This compact and robust design may incorporate a caster for easy mobility.
- Featuring a lighting beacon and unit alarms to indicate low adhesive levels.

Technical Specifications

IsoMelt Series Units	
Tank Capacity (L)	40
Melting Capacity (Kg/h)	35 (*)
Max. Pumping Capacity per Pump (Kg/h)	48
Number of Pumps	2
Working Temperature	30 - 230 °C
Electrical Connection	230 V 3-phase Δ / 400 V 3-phase Y – 50/60 Hz
Max. Working Viscosity	100,000 cps
Max. Working Hydraulic Pressure	100 bar
Max. Electrical Tank Consumption	6200W
Adhesives	PUR / EVA / APAO

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

4 Output Electronic Board		
Max. channel power	Channel 1 / Channel 2	Channel 3 / Channel 4
Per channel (hose and gun)	2000W	1400W



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