



DDRUM

200L Gear Pump Drum Melter

The Valco Melton DDrum Series Melter is designed for precision dispensing of a wide variety of heated adhesive and sealant materials. Configurable with a number of pumping and power configurations, the DDrum is a versatile design for continuous operation in a variety of manufacturing environments. Melt rates will vary with adhesive and platen selection. Three platens are available, flat, radial and high melt rate. The high melt rate platen is capable of 475 pounds per hour or more, based on a 10,000 cps PSA adhesive.

- The ideal solution for processing large quantities of EVA, PS, and PUR hot melt adhesives
- Utilizes a true melt-on-demand supply of adhesive - Only the adhesive in contact with the platen is molten
- A completely sealed system - the best choice for PUR and other reactive materials
- Can use different melting plates depending on the capacity and conductivity of the required hot melt





Vent hood and guard included on PUR system



Two units can work in tandem; when the first unit is empty, it automatically switches to the second unit.

Technical Specifications

DDrum Unit Characteristics	
Pumping System	Variable speed AC motors with precision gear pump
Drum Sizes	567-571 mm (22.3-22.5 in)
Hydraulic Working Pressure	65 bar (1000 psi) standard with pressure relief valves up to 100 bar available
Maximum Melt Rate*	215 Kg/Hr (475 lb/Hr)
Maximum Viscosity	100,000 CPS
Maximum System Power	39,300 W
Number of Hoses/ Guns	Standard with 2 electrical and hydraulic outlets Optional 2 additional electrical and hydraulic outlets
Platen Configurations	Flat (PUR and low melt rate), Radial (medium melt rate with minimal contact surface), Dual (high melt rate)
Temperature Range	15-230°C (60-450°F)
Temperature Control Accuracy	+/- 1°C (+/- 2°F)
Temperature Sensor	Ni120 or PT100
Input Power Requirements	400 VAC, 3 phase, Y 480 VAC, 3 phase, Delta (with transformer)
Dimensions (shipping L x W x H)	1550 x 840 x 2180 mm (61 x 33 x 89 in)
Dimensions (in up pos. L x W x H)	1550 x 840 x 2700 mm (61 x 33 x 106 in)
Weight	610 Kg (1343 lb)
Ingress Protection	IP 54

*based on a 10,000 cps PSA adhesive. Melt rate will vary with material type.



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

World Headquarters: USA, Cincinnati, Ohio (Corporate Offices) • Tel:+1.513.874.6550 • Fax: +1.513.874.3612

Europe Headquarters: Spain, Navarra • Tel:+34.948.321.580 • Fax:+34.948.326.584

Asia Headquarters: China, Xiamen, Fujian • Tel:+86.592.591.7854 • Fax:+86.592.591.7834

info@valcomelton.com • Serving over 76 Countries Worldwide • valcomelton.com