



SDRUM

200L Gear Pump Drum Melter

The Valco Melton SDrum 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 SDrum is a versatile design for continuous operation in a variety of manufacturing environments. Melt rates will vary with input voltage, adhesive, and platen selection, numbers are based on PSA adhesive at 10,000 CPS. Flat platens will have a significantly lower melt rate due to lower available power and melting efficiency. Some input power configurations require an optional transformer located in the electrical enclosure.

- The ideal solution for processing large quantities of EVA, PS, and PUR hot melt adhesives
- Utilize 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





Optional purge tank for adhesives



Vent hood and guard included on PUR system



Technical Specifications

| SDrum 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 | Finned (hi-flow), Flat (reactive adhesives) |
| 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 testing with 11,000 cps pressure sensitive adhesive



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

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