

M SERIES

Large Capacity Melters

Valco Melton's M Series melters are ideally suited for working as buffer tanks on applications that require a constant, high-volume adhesive supply. Their melting grids guarantee a stable adhesive temperature in the tank, while the different pump options adapt to the pumping rate needed on every process.

- Connect anywhere with optional wifi remote connectivity and online technical assistance
- Main machine network communication protocols (Profinet and Ethernet) are 100% compatible
- Buffer tank kits include a feeding lid that can host up to 6 hose connections and 3 level sensors (low, high, and security) for working with drum unloaders. When working with hot melt extruders, buffer tank kits include a continuous level sensor.

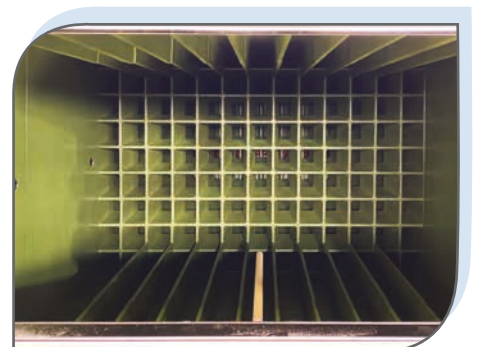


Pressurized Tanks

An optional pressurized tank version with hermetic lid ensures that the adhesive reaches the pump admission at all times.

Easy Programming

The pump control can be programmed in grams per square meter or pressure control mode.



Higher melting rates.

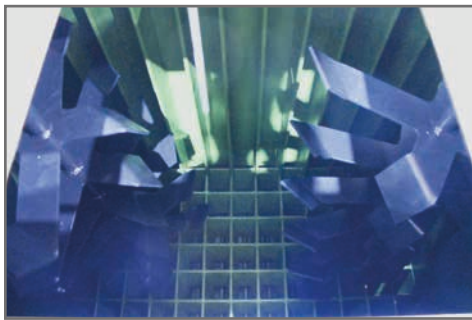
Lower energy consumption

The melting grids with large surface area, and the collectors with cast-in heater elements, ensure excellent heat control and reliability, as well as higher melting rates with lower energy consumption. Teflon® coated tanks for easy maintenance.



No proprietary electronics

All electronics are "off the shelf" commercially available components, including the PLC colour touch screen, IO boards, drives, and solid state relays.



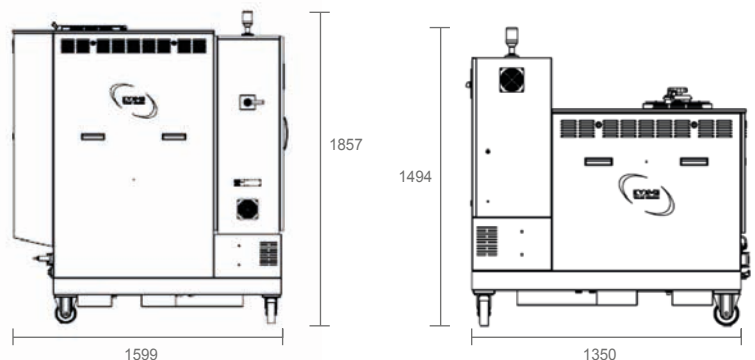
MELTING EFFICIENCY FOR EVA, WAXES, AND PARAFINS

- **Reverse pump mode.** The gravure bath may be emptied back into the melter for faster adhesive changes with minimal waste.
- **Automatic adhesive feeding.** Constant refilling with no operator intervention.
- **Stirrer lid.** Maintain an homogeneous adhesive temperature in the tank.
- **Adhesive recirculation.** By incorporating our Smart Pumping Stations, approximately 30% of the adhesive in the gravura bath is in continuous recirculation, increasing temperature stability.

Technical Specifications

Product Name				
Tank Capacity	170 L	350 L	600 L	600 L
Melting Capacity - Low Viscosity EVA (*)	170 Kg/h	300 Kg/h	400 Kg/h	500 Kg/h
Melting Capacity - PSA (**)	150 Kg/h	250 Kg/h	N/A	N/A
Pumps Available	15, 30, 40, 70, 100 gr			
Max. Pumping Capacity Per Pump	600 Kg/h			
Max. Number of Pumps	Up to 4			
Electrical Connections	230 III+G, 400 III+G, 400 III+N+G, 440 III+G, 440 III+N+G, 480 III+G, 480 III+N+G			
Working Viscosity	90000 cps			
Max. Working Hydraulic Pressure	100 bar			
Electrical Consumption 15, 30, and 40 gr Pump and Manifold	2500W			
Electrical Consumption 70, and 100 gr Pump and Manifold	4360W			

Max. Channel Power	NI 120	PT 100
Hose + Gun	2300 W	2300 W



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