



## D SERIES MELTERS WITH 48, 90 & 180 L TANKS

### Gear Pump Hot Melt Units

Valco Melton's D Series hot melt units are available in tank capacities of 48, 90 and 180 L to adapt to the application requirements of a variety of industries including print finishing, automotive, coating and laminating, and specialized product assembly.

All units feature several relief valve options ranging from the simple single-stage, to more sophisticated pneumatic relief systems. For ease-of-use, a unified operator interface is featured across the entire range of D Series units.

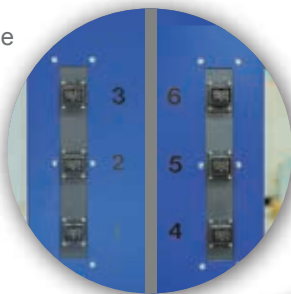
#### Get these immediate benefits:

- Simplify maintenance while achieving a more reliable operation
- Reduce char buildup using the Teflon®-coated tanks with cast-in heaters, available in a range of sizes, grids, and hoppers
- Guarantee safer operation with independent, redundant over-temperature circuits and integrated system over-pressure protection
- Compatibility with industry standard hoses, guns, tank filters
- Improve heat transfer and reduce warm-up time with cast-in heating elements.
- Choose from a wide range of melt rates and an assortment of options for any application requirement
- Monitor glue level with optional high-temperature capacitive level sensors
- Select from an optional heated, filtered inlet or external vacuum feeder for automatic filling
- Easy to access manifold with 1/4 turn shut off valve for ease of maintenance
- Customize the settings of the alarm beacon to monitor the status of the melt unit
- Compliance with major approval codes worldwide

Minimize adhesive degradation by independently controlling each heated zone (up to 16)



Connections for up to six hoses and guns. Available with latching or industry standard connectors



D Series units feature positive displacement, motor-driven gear pumps and variable-speed motors



Multiple-pump configurations available





Eliminate complicated programming tasks with the user-friendly, multi-functional PID controller, which allows operators to quickly configure system parameters and monitor operation.

### D Series System multi-functional PID controller features:

- Multi-language display
- Programmable sequential zone start-up
- Automatic temperature setback
- High/low temperature protection
- Fahrenheit or Celsius option
- System diagnostics
- Ethernet IP temperature control interface
- Seven-day programmable clock
- Digital RPM readout
- Variable-speed motor control
- Optional low-level detection in tank

## Technical Specifications

Model	D48	D90	D180
Tank Capacity	106 lb (48 kg)	200 lb (90 kg)	400 lb (180 kg)
Melt Rate / Hr	110 lb (50 kg)	220 lb (100 kg)	300 lb (136 kg)
Gear Pump Control	A.C. with line-tracking feature for variable speeds		
No. of Pumps	1 – 2		
Pump Options	0.7 lb/hr (0.3 kg/hr) - 41 lb (19 kg/hr) 1.4 lb/hr (0.6 kg/hr) - 85 lb (39 kg/hr) 3 lb/hr (1.3 kg/hr) - 170 lb (77 kg/hr) 6 lb/hr (2.7 kg/hr) - 334 lb (152 kg/hr)		
Hose/ Gun Outlets	1 – 6		
Temperature Control	Microprocessor PID16- zone capable		
Electrical	380, 400, 440, 480, 575, 595-3PH, 50/60 Hz		
Height	53 in. (1346 mm)	53 in. (1346 mm)	53 in. (1346 mm)
Width	22 in. (559 mm)	30 in. (762 mm)	30 in. (762 mm)
Depth	36 in. (914 mm)	40.8 in. (1036 mm)	43 in. (1092 mm)
Grid	Standard		
Level Alarm	Optional		
Pressure Monitor	Optional		



For more information, visit [valcomelton.com](http://valcomelton.com) or contact your local Valco Melton representative.

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