

D-Series

Gear Pump Hot Melt Units



Advanced technology. Durable, versatile production.

Valco Melton's **D Series** units feature several relief valve options, ranging from the simple single-stage relief valve to more sophisticated pneumatic relief systems. D-Series capabilities include spray, ribbon coating, direct contact, and high-speed jetting adhesive dispensing guns and are ideally suited for a range of packaging, paper converting, graphic arts, non-wovens and product assembly applications.

Valco Melton's D Series Units:

- Teflon® coated tanks reduce char buildup for easy maintenance and reliable operation.
- D Series units can be easily adapted to variable speed applications.
- Independent, redundant over-temperature circuits and system over-pressure protection provide safe operation.
- Independent control of each heated zone (up to 16) minimizes adhesive degradation and permits precise, uniform patterns.
- Cast-in heating elements allow quick warm-up and improved heat transfer.
- Compatibility with industry standard hoses, guns, tank filters and drain valves.
- Compliance with major approval codes worldwide.

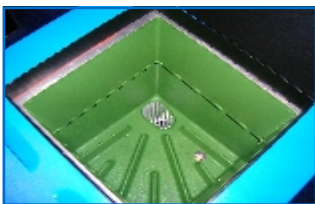
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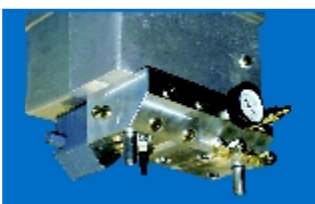
Solid-state controls, precise RTD temperature sensors, and thermostatic temperature control optimize system performance.



Outlets for six hoses and guns allows for optimal flexibility.



Teflon® coated tanks with cast-in heaters are available in a range of sizes, grids, and hoppers.



Positive displacement, motor-driven gear pump offers a continuous pulse-free output. Drive ratios are matched to each specific application.



For ease-of-use, a unified operator interface is used across the entire range of D-Series units.

D-Series Gear Pump Hot Melt Units



D-Series units feature an easy-to-use touch pad with a bright vacuum-flourescent screen which allows operators to quickly setup system parameters and monitor system operation.

ISO 9001
QUALITY SYSTEMS

D-Series system touch-pad PID controller features:

- multi-language display
- programmable sequential zone start-up
- automatic temperature setback
- high/low temperature protection
- high-pressure protection
- Fahrenheit or Centigrade option
- system diagnostics
- RS-232 temperature control interface
- seven-day programmable clock
- digital RPM readout
- optional low-level detection in tank
- optional variable-speed motor control

Technical Specifications

D Series Characteristics		
	D-16	D-22
Gun Attachments:	6	6
Tank Capacity:	39.7 lb (18kg)	52.9 lb (24kg)
Melt rate:	39.7 lb (18kg)/hr	52.9 lb (24kg)/hr
Pump:	Motor-driven gear pump/Fixed or Variable	
Pump rate:	60 lb (27 kg)/hr	
Temp Range:	220°-400°F (105°-205°C)	
Temp. Stability:	1°F (0.5°C)	
Electrical:	208-240 VAC, 50/60 Hz, 1 or 3PH, 30 amps	
Weight:	121 lb (55kg)	133 lb (61kg)
Dimensions:	25 (635mm) D 14.25 (362mm) W 23.2 (591mm) H	25 (635mm) D 14.25 (362mm) W 27.7 (705mm) H



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

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