

D-Series

Gear Pump Hot Melt Units



Advanced technology. Durable, versatile production.

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.

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.



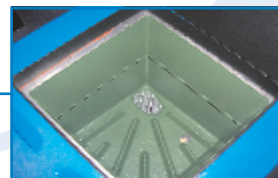
Solid-state controls, precise RTD temperature sensors, and thermostatic temperature control optimize system performance.



Outlets for six hoses and guns allows for optimal flexibility.



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



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



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

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

D-Series Gear Pump Hot Melt Units

THE TOTAL PACKAGE.

The **MELTON** range of products offer a complete selection of hot melt components and support equipment:

RTD hot melt hoses

Manual and automatic dispensing valves

Nozzle and applicator styles

Mounting bracket packages

Solid-state pattern control systems

In-line filters

Replacement parts for competitive systems

High-performance hot melt adhesives

Cost-effective rebuild/exchange programs



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



Technical Specifications

D Series Characteristics			
	D-10	D-16	D-22
Gun Attachments:	6	6	6
Tank Capacity:	24 lb (11kg)	39.7 lb (18kg)	52.9 lb (24kg)
Melt rate:	24 lb (11kg)/hr	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:	109 lb (50kg)	121 lb (55kg)	133 lb (61kg)
Dimensions:	25 (635mm) D 44.25 (362mm) W 17.7 (451mm) H	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.

World Headquarters: USA, Cincinnati, Ohio (Corporate Offices) • Tel: 513.874.6550 • Fax: 513.874.3612 • info@meltonhotmelt.com

European Headquarters: Spain, Navarra • Tel: +34.948.321.580 • Fax: +34 948 326 584 • melton@melton.es

Asian Headquarters: China, Xiamen, Fujian • Tel: +86.592.591.7854 • Fax: +86.592.591.7834 • china@valcomelton.com

www.valcomelton.com • Serving Over 52 Countries Worldwide.

