

D-10

Gear Pump Hot Melt Units



Advanced technology. Durable, versatile production.

Valco Melton's D-10 units feature several relief valve options, ranging from the simple single-stage relief valve to more sophisticated pneumatic relief systems. D-10 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-woven and product assembly applications.

Valco Melton's D-10 Units:

- Teflon® coated tanks reduce char buildup for easy maintenance and reliable operation.
- D-10 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.
- Cartridge style heaters allow easy change out in the field.
- 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.



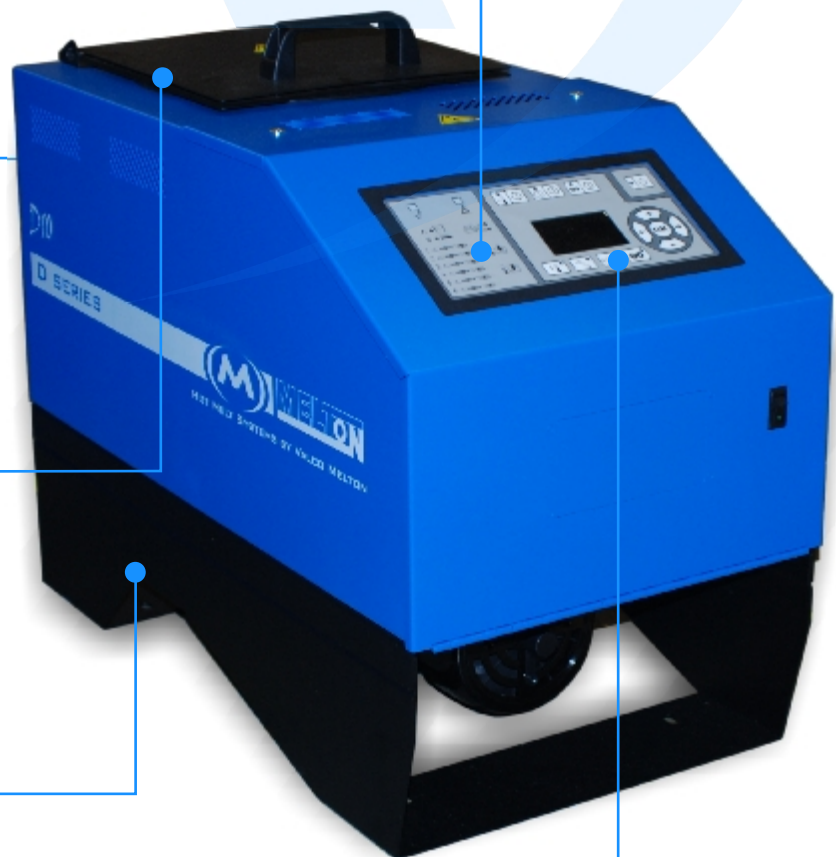
Outlets for six hoses and guns allows for optimal flexibility.



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

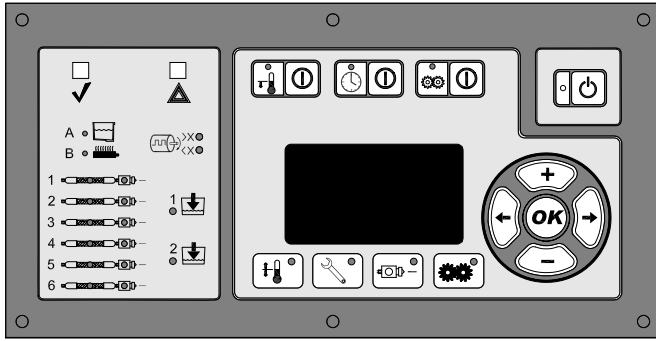


Positive displacement, motor-driven gear pump offers a continuous pulse-free output. Drive ratios are matched to each specific application.



For ease-of-use, a unified operator interface is used across the entire range of D-10 units.

D-10 Gear Pump Hot Melt Units



D-10 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.

D-10 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
- seven-day programmable clock
- digital RPM readout
- optional low-level detection in tank
- optional variable-speed motor control

ISO 9001
QUALITY SYSTEMS

Technical Specifications

D-10 Characteristics	
Gun Attachments:	6
Tank Capacity:	24 lb (11kg)
Melt rate:	60 lb (27kg)/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 1Φ/3Φ, 380 VAC 3Φ, 30 amps
Weight:	109 lb (50kg)
Dimensions:	25 (635mm) D 14.25 (362mm) W 21.0 (533mm) H



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