



D4, D10, & D16 MELTERS

Gear Pump Hot Melt Units

Valco Melton's D4, D10 and D16 Series Units are ideal for packaging, graphic/print finishing, product assembly, labeling and various paper converting applications. All D Series units feature an LED display, spur gear pump with fixed or variable speed, "key-to-line" control, and a multi-functional control system. Other options include an integrated glue pattern control, line speed pressure control and integrated auto-feed systems.

Get these immediate benefits:

- Efficient and clean operation featuring Teflon® coated tank with demand melt heating grid
- Achieve uniform output pressure to match line speed with built-in pressure run-up control
- Reduce dynamic seals and wear-components with the all electric gear pump and motor
- Easy-to-connect HMI communication through the melter interface I/O's
- Avoid compatibility problems with Valco Melton's industry standard hoses, guns and tank filters
- Complies with major approval codes worldwide



D10 and D16 Units feature an optional integrated pattern control, capable of 6 outputs and 4 inputs along with line speed tracking. PID Controls provide precise RTD temperature sensing that optimize power usage and system performance.



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



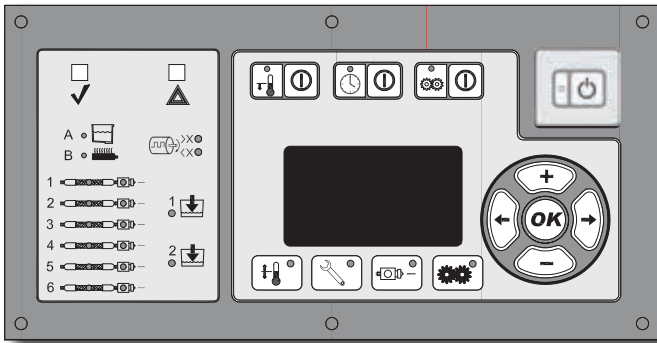
Maximize melt rate and efficiency using the Teflon® coated tank with custom fin design.



D10 and D16 units feature easier cleaning and maintenance with a 6 output manifold and integrated tank shutoff.



D10 and D16 units offer connections for 2, 4, or 6 hoses and guns for optimal flexibility. D4 units offer connections for up to 4 hoses and guns.



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

D4, D10 and D16 Series 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
- Optional low-level detection in tank
- Optional variable-speed motor control

Technical Specifications

	D4	D10	D16
Gun Attachments:	2 or 4	2, 4 or 6	2, 4 or 6
Tank Capacity:	8.82 lb (4 kg)	24 lb (11 kg)	35 lb (16 kg)
Melt Rate:*	11.1 lbs/hr (5 kg/hr)	51 lbs/hr (23 kg/hr)	78 lbs/hr (35 kg/hr)
Pump:	Motor-driven spur gear pump/ Fixed or Variable Speed		
Pump Rate:	60 lb (27 kg)/hr	60 lb (27 kg)/hr or 120 lb (54 kg)/hr	
Temp Range:	86° - 446 °F (30° - 230 °C)		
Temp. Stability:	1 °F (0.5 °C)		
Electrical:	208-240 VAC 1Φ/3Φ, 380 VAC 3Φ, 40 amps		
Weight:	75 lb (34 kg)	109 lb (50 kg)	120 lb (54 kg)
Depth:	23.9 in (607 mm)	25 in (635 mm)	25 in (635 mm)
Width:	12.3 in (312 mm)	14.25 in (362 mm)	14.25 in (362 mm)
Height:	16.7 in (424 mm)	21 in (533 mm)	25.1 in (636 mm)

*Depending on operating conditions



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

World Headquarters: USA, Cincinnati, Ohio (Corporate Offices) • Tel:+1.513.874.6550 • Fax: +1.513.874.3612

Europe Headquarters: Spain, Navarra • Tel:+34.948.321.585 • Fax:+34.948.326.584

Asia Headquarters: China, Xiamen, Fujian • Tel:+86.592.591.7854 • Fax:+86.592.591.7834

inquiry@valcomelton.com • Serving over 76 Countries Worldwide • valcomelton.com