

S-Series

Gear Pump Hot Melt Units



Precise versatility.

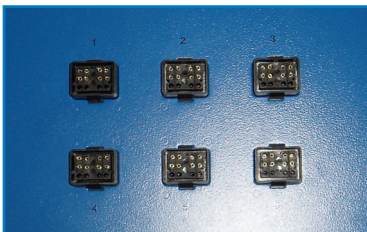
Valco Melton's S-Series units feature several relief valve options, ranging from the simple single-stage relief valve to more sophisticated pneumatic relief systems. For ease-of-use, a unified operator interface is used across the entire range of S-Series units.

Valco Melton's S-Series Offer:

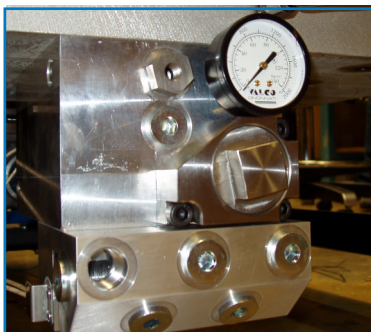
- Teflon®-coated tanks with cast-in heaters, available in a range of sizes, grids, and hoppers reduce char buildup for easy maintenance and reliable operation.
- Independent, redundant over-temperature circuits and system over-pressure protection provide safe operation.
- Compatibility with industry standard hoses, guns, tank filters, and drain valves.
- Cast-in heating elements allow quick warm-up and improved heat transfer.
- The S-Series is available in a range of melt rates to meet an assortment of application requirements.
- Compliance with major approval codes worldwide.



Independent control of each heated zone (up to 16) minimizes adhesive degradation and permits precise, uniform patterns. S-Series controls also have temperature sensing.



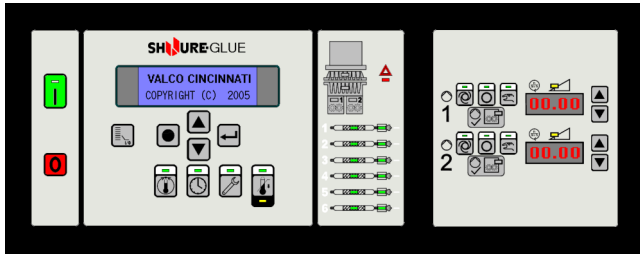
Outlets for six hoses and guns.



S-Series units offer positive displacement, motor-driven gear pumps, as well as variable-speed motors and drive ratios matched to each specific application. Multiple-pump configurations are available for complex applications.



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Valco Melton's S-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.

S-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

Model:	S-18	S-24	S-48	S-90	S-180
Tank Capacity:	40 lb (18 kg)	53 lb (24 kg)	106 lb (48 kg)	200 lb (90 kg)	400 lb (180 kg)
Melt Rate / Hr:	55 lb (25 kg)	66 lb (30 kg)	110 lb (50 kg)	220 lb (100 kg)	300 lb (136 kg)
Pump(s):	Gear pump(1-2 optional)	Gear pump(1-4 optional)	Gear pump(1-4 optional)	Gear pump(1-4 optional)	Gear pump(1-4 optional)
Gear Pump Control:	D.C. w/ line-tracking feature for variable speeds	D.C. w/ line-tracking feature for variable speeds or fixed-speed A.C. motor	D.C. w/ line-tracking feature for variable speeds or fixed-speed A.C. Motor	D.C. w/ line-tracking feature for variable speeds or fixed-speed A.C. motor	D.C. w/ line-tracking feature for variable speeds or fixed-speed A.C. Motor
Pump Rate Options:	7 lb (3 kg) 15 lb (7 kg) 30 lb (14 kg) 60 lb (27 kg)	7 lb (3 kg) 15 lb (7 kg) 30 lb (14 kg) 60 lb (27 kg)	15 lb (7 kg) 30 lb (14 kg) 60 lb (27 kg) 79 lb (36 kg) 119 lb (54 kg) 158 lb (72 kg) 238 lb (108 kg) 319 lb (145 kg)	15 lb (7 kg) 30 lb (14 kg) 60 lb (27 kg) 79 lb (36 kg) 119 lb (54 kg) 158 lb (72 kg) 238 lb (108 kg) 319 lb (145 kg)	30 lb (14 kg) 60 lb (27 kg) 79 lb (36 kg) 119 lb (54 kg) 158 lb (72 kg) 238 lb (108 kg) 319 lb (145 kg) 500 lb (227 kg) 1000 lb (454 kg)
Hose/Gun Outlets:	1-6	1-6	1-6	1-6	1-6
Temperature Control:	Microprocessor PID, 16-zone capable	Microprocessor PID, 16-zone capable	Microprocessor PID, 16-zone capable	Microprocessor PID, 16-zone capable	Microprocessor PID, 16-zone capable
Electrical:	208-240, 1 (31 FLA) or 3PH (21 FLA) 50/60 Hz	208-240 (48 FLA), 380-415, 480 (24 FLA) 3PH, 50/60 Hz	208-240 (57 FLA), 380-415, 480 (29 FLA) 3PH, 50/60 Hz	380-415, 480 (43 FLA) 3PH, 50/60 Hz	380-415, 480 (50 FLA) 3PH, 50/60 Hz
Height:	30 in. (762 mm)	38.4 in. (975mm)	49 in. (1,245 mm)	50 in. (1270 mm)	53 in. (1,346 mm)
Width:	17 in. (432 mm)	19 in. (483 mm)	19 in. (483 mm)	24.5 in. (622 mm)	30 in. (762 mm)
Depth:	26 in. (660 mm)	41.3 in. (1049mm)	31.5 in. (800 mm)	36.5 in. (927 mm)	43 in. (1,092 mm)
Drop-In Grid:	Optional	Optional	Standard	Standard	Standard
Level Alarm:	Optional	Optional	Optional	Optional	Optional
Pressure Monitor:	Optional	Optional	Optional	Optional	Optional



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

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