

# ECOSTITCH SERIES

## Intelligent, Data Driven, All Electric Glue Melters

EcoStitch Series all-electric melters deliver complete control over adhesive output, consumption, and pressure from a single connected system. Intelligent monitoring and automatic adjustments maintain consistent performance at any line speed. Available in three tank sizes with an optional auto feed system, EcoStitch keeps lines running while reducing downtime and providing valuable data to optimize your processes.

- **Digital Closed Loop Pressure Control.** Maintain consistent adhesive pressure at any line speed without adding encoders or peripheral equipment.
- **Adhesive Usage Data.** See exactly the adhesive consumed by product, hour, day, or year, directly on screen without separate flow meters.
- **Ethernet IP Communication.** Manage your entire melting system through your existing PLC and Machines HMI.
- **All Electric Gear Pump** Eliminate compressed air dependency and gain a precision gear pumps that deliver consistent, repeatable flow.



### Auto Feed System

Keep production running with automatic adhesive refilling, no manual monitoring required and a safer working environment.

### Closed Loop Pressure Control

Regulates the pump to maintain a consistent pressure



## HIGHLIGHTED FEATURES



### Eight Hose and Gun Connections

All EcoStitch melters support up to eight hose and applicator connections.



### Rear Facing Manifold

The rear-facing manifold allows direct replacement of an existing melter without rerouting hoses or connections, reducing installation time and disruption to your line.



### 480 VAC Transformer Base

A universal 9KVA transformer base is available for any EcoStitch melter, eliminating the need for different transformer sizes across your installations..



### Easy Mounting

All EcoStitch melters are built to a standard base configuration that retrofits directly onto existing melter bolt platforms.

## Technical Specifications

EcoStitch Melters can operate with any formula, type, viscosity and manufacture of hot melt adhesives.

	4L	10L	16L
<b>Gun Attachments</b>	8	8	8
<b>Tank Capacity</b>	8.82 lb (4 kg)	24 lb (11 kg)	35 lb (16 kg)
<b>Melt Rate*</b>	11.1 lbs/hr (5 kg/hr)	51 lbs/hr (23 kg/hr)	78 lbs/hr (35 kg/hr)
<b>Pump</b>	Fixed Speed pumps with manual pressure control Variable Speed pumps for digital and "key to line" pressure control		
<b>Pump Rate</b>	1.59 cc/rev (15.7 L/hr) 3.18 cc/rev (31.5 L/hr)	1.59 cc/rev (15.7 L/hr), 6.36 cc/rev (68.7 L/hr),	3.18 cc/rev (31.5 L/hr) 12.72 cc/rev (137.4 L/hr)
<b>Temp Range</b>	86° - 446 °F (30° - 230 °C)		
<b>Temp. Stability</b>	1 °F (0.5 °C)		
<b>Electrical</b>	208-240 VAC 1Φ/3Φ, 380 VAC 3Φ, 40 amps max load		
<b>Weight</b>	75 lb (34 kg)	109 lb (50 kg)	120 lb (54 kg)
<b>Depth</b>	27.8 in (706 mm)	27.8 in (706 mm)	27.8 in (706 mm)
<b>Width</b>	25.5 in (648 mm)	25.5 in (648 mm)	25.5 in (648 mm)
<b>Height</b>	27.3 in (693 mm)	30.5 in (775 mm)	34.5 in (876 mm)
<b>Transformer Specifications</b>	400V Single Phase 22.4A or 480V Single Phase 18.75A		
<b>IP Rating</b>	IP54		

For more information, visit [valcomelton.com](http://valcomelton.com) or contact your local representative

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Locations

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