



ECOSTITCH SERIES INTELLIGENT, DATA DRIVEN, ALL ELECTRIC GLUE MELTERS



The new EcoStitch series melters are the most intelligent, versatile, technologically advanced and most innovative adhesive melter to ever be created. With Ethernet IP integration, digital pressure control, adhesive usage data available on screen and full OEM integration with all digital based data.

State of the Art Features:

Digital Closed Loop Pressure Control

Digitally monitor, adjust and have built in "key to line" adhesive pressure control. EcoStitch melters allow you to set adhesive pressure based on line speed without adding additional components, encoders or peripheral equipment.



Adhesive Usage Data

When equipped, EcoStitch units monitor and measure the amount of hot melt adhesive being pumped through the system. Using either an input trigger or an additional photoeye, the EcoStitch melter doesn't just calculate how much adhesive you use per day, per hour or per year. The EcoStitch melter will show you on the screen your average adhesive grams per product.



Ethernet IP Communication System

Fully integrate the EcoStitch melter into your existing PLC and be visible/accessible through your existing HMI. Now you can fully control your melting system, pumping system and adjust pressure with this integrated solution.



All Electric Gear Pump and Integrated Auto Feed System Options

EcoStitch melters do not use traditional air-driven piston pumps. They use precision gear pumps to deliver adhesive in a constant, reliable and repeatable fashion. There are 4 pump size options on all EcoStitch melters. Fully Integrated Auto Feed Systems provide "melt on demand" adhesive level control.





Eight Possible Hose/Gun Connections

All EcoStitch melters come with the ability to run up to 8 hoses and applicators making it one of the most versatile machines in the industry.



Rear Facing Manifold

Easily replace your existing melter without worry of rerouting hoses or connections.



480 VAC Transformer Base

Our universal transformer base can be easily added to any EcoStitch melter or used with existing melters with 7KVA capable, there is no need to worry about having different sized transformers, as with other manufacturers. One size fits all.



Easy Mounting

All EcoStitch melters have a configured base to easily be retrofittable to any existing melter bolt platform.

Technical Specifications

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

	4L	10L	16L
Gun Attachments:	8	8	8
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:	Fixed Speed pumps with manual pressure control Variable Speed pumps for digital and "key to line" pressure control		
Pump Rate:	All Units: 1.59 cc/rev (15.7 L/hr) 3.18 cc/rev (31.5 L/hr)		
		10L/16L Units Only: 6.36 cc/rev (68.7 L/hr) 12.72 cc/rev (137.4 L/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 max load		
Weight:	75 lb (34 kg)	109 lb (50 kg)	120 lb (54 kg)
Depth:	27.8 in (706mm)	27.8 in (706 mm)	27.8 in (706 mm)
Width:	25.5 in (648 mm)	25.5 in (648 mm)	25.5 in (648 mm)
Height:	27.3 in (693 mm)	30.5 in (775 mm)	34.5 in (876 mm)
Transformer Specifications:	380VAC 1Ø or 480VAC 1Ø 30A		

*Depending on operating conditions

To learn more about how Valco Melton's EcoStitch can save your company money, contact us today!



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