

Dynamelt™ LC Series Adhesive Supply Unit

The Dynamelt™ LC Series adhesive supply unit (ASU) is a large capacity melter with a multiple stage melt-on-demand system. Melt rate and pump rate are critical factors when choosing the right ASU for your operation, and ITW Dynatec has maximized both in the LC Series for optimum output. The LC Series melter can also maintain a large variety of pump sizes and configurations, offering even greater flexibility.

Dynamelt™ LC Series:

- Max pump output rate up to 2000 lbs/hr for ultimate performance.
- Teflon®-impregnated anodized hopper.
- Built-in safety systems to prevent charring.
- Multiple grid rows for superior melt rate.
- Multiple temperature control zones.

Innovation

The latest options in PLC technology including Allen-Bradley ControlLogix® and color touchscreen HMI's.

Precision

Highly accurate gear pumps for reliable, repeatable output.

Performance

Built-in backup safety and alarm systems prevent most adhesives or polymer from charring.



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The Dynatec *Difference*

Melt Grid



High-Volume Melt Rate

The net output of any adhesive supply unit's melting capacity is based on the relationship of square inches of surface area to wattage. The Dynamelt™ LC Series units has a higher ratio of square inches to wattage than any other melter in its class, so you get the superior performance you require. Additionally, ITW Dynatec's patented Melt-On-Demand system utilizes vertical,

unheated hoppers that only melt the amount of adhesive required for the application. The rest of the adhesive in the hopper remains at a much lower temperature, even in a solid state. Melting only the amount of adhesive required means faster start-ups, lower energy costs and better viscosity control.

System	LC2023	LC2024	LC2026
Hopper Capacity*	1100 lbs (498 kg)	1025 lbs (464 kg)	875 lbs (396 kg)
Operating Temperature	200° to 450° F (93° to 232° C)*	200° to 450° F (93° to 232° C)*	200° to 450° F (93° to 232° C)*
Melt Rate (per hour)**	120-400 lb/hr (55-182 kg/hr)	120-600 lb/hr (55-272 kg/hr)	120-1000 lb/hr (55-453 kg/hr)
Control Scheme	Allen-Bradley ControlLogix® w/ Panelview 1000+ Color HMI	Allen-Bradley ControlLogix® w/ Panelview 1000+ Color HMI	Allen-Bradley ControlLogix® w/ Panelview 1000+ Color HMI
Number of Pumps	1 - 4	1 - 4	1 - 4
Available Pump Sizes***	Each pump up to 45cc (535 lbs/hr)	Each pump up to 45cc (535 lbs/hr)	Each pump up to 45cc (535 lbs/hr)

*Larger capacity melters are available from ITW Dynatec.

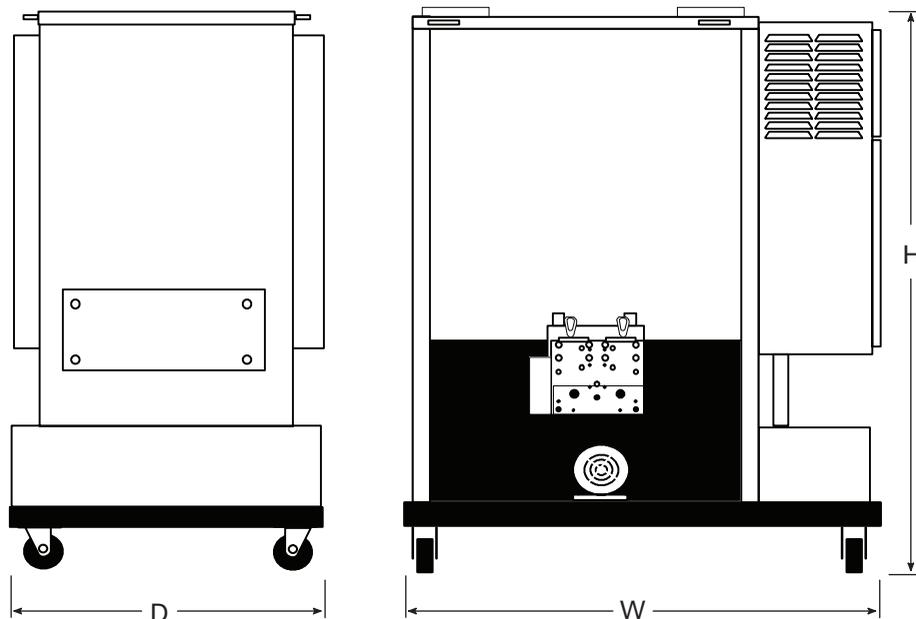
**Melt rates vary with adhesive type and form.

***May vary with specific gravity.

Dimensions	LC2023	LC2024	LC2026
Height (H)	225 cm (88.75 in)	225 cm (88.75 in)	225 cm (88.75 in)
Depth (D)	122 cm (48 in)	122 cm (48 in)	122 cm (48 in)
Width (W)*	114 cm (44.75 in)	114 cm (44.75 in)	114 cm (44.75 in)

*Width may vary depending on size of electrical panel.

Available Features/Options
<ul style="list-style-type: none"> Automatic Level Control Pressure Transducers Line Speed Tracking Adhesive Fill Ball Valves Optional Control Schemes 7-Day Scheduler Pneumatic Clutches



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