

## Dynamelt™ GC Series Adhesive Supply Unit

The Dynamelt™ GC Series adhesive supply unit is the largest capacity melter in the ITW Dynatec family, offering maximum adhesive output. Two critical factors in choosing the right ASU for your operation are melt rate and pump rate and ITW Dynatec has maximized both in the GC Series for optimum performance. The GC Series melter can also accommodate a large variety of pump sizes and configurations, offering even greater flexibility.

### Dynamelt™ GC Series:

- Max pump output rate up to 1400 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

Load cell type level control system available for maximum accuracy.

### Performance

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



Dynamelt™ GC Series Adhesive Supply Unit

## 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™ GC Series unit 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,

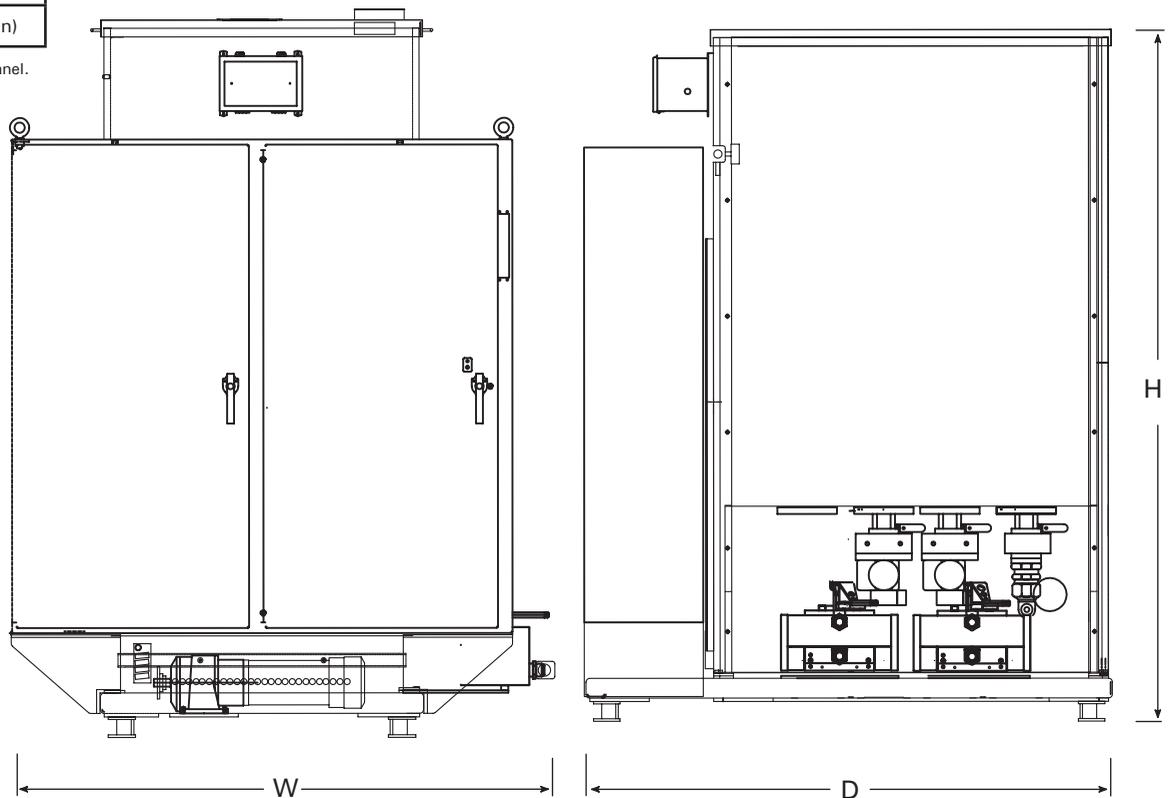
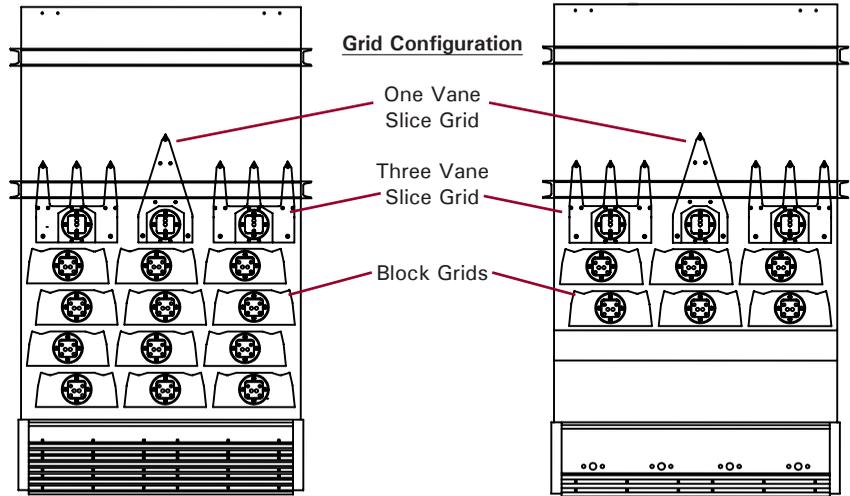
unheated hoppers that only melt the amount of adhesive required for the application. The rest of the adhesive in the hopper remains at a much lower temperature, even in a solid state. Melting only the amount of adhesive required means faster start-ups, lower energy costs and better viscosity control.

| System                  | GC3160   |
|-------------------------|--|
| Hopper Capacity         | 1600 lbs (680 kg)  |
| Operating Temperature   | 200° to 450° F (93° to 232° C)                             |
| Melt Rate (per hour)*   | 1400 lb/hr (635 kg/hr)                                     |
| Control Scheme          | Allen-Bradley ControlLogix® w/ Panelview 1000+ Color HMI   |
| Number of Pumps         | 1 - 4  |
| Available Pump Sizes**  | Each pump up to 93cc (1850 lbs/hr)                         |
| Pump Pressure Relief    | Normal range 0 to 1,000 psi (0 to 70 bar)                  |
| Electrical Requirements | 240 VAC, 50/60 Hz, 3 ph, 120 amp<br>130,000+ watts heating |

\*Melt rates vary with adhesive type and form.  
\*\*May vary with specific gravity.

| Dimensions | GC3160            |
|------------|-------------------|
| Height (H) | 271 cm (106.5 in) |
| Depth (D)  | 203 cm (80 in)    |
| Width (W)* | 187 cm (73.75 in) |

\*Width may vary depending on size of electrical panel.



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