

# DM55 DynaDrum™ - Bulk Adhesive Melter

The DM55 DynaDrum™ bulk adhesive melter provides uninterrupted flow of hot melt adhesive for high volume production demands. Daily operations are simplified with the DM55 DynaDrum's™ standard features which include field-interchangeable platen faces, Allen-Bradley™ touch screen PLC, self-diagnostics, multiple temperature control sensors and low/empty drum indicators.

## DM55 DynaDrum™ Bulk Adhesive Melter:

- Unique platen design provides excellent platen force, melt rates and adhesive transfer.
- Standard clamshell mechanism effectively secures fiber or steel drums.
- Compact footprint provides flexibility and ease of installation.
- Multiple platen seals for increased protection.
- Additional options available to meet your specific needs.

### Simplicity

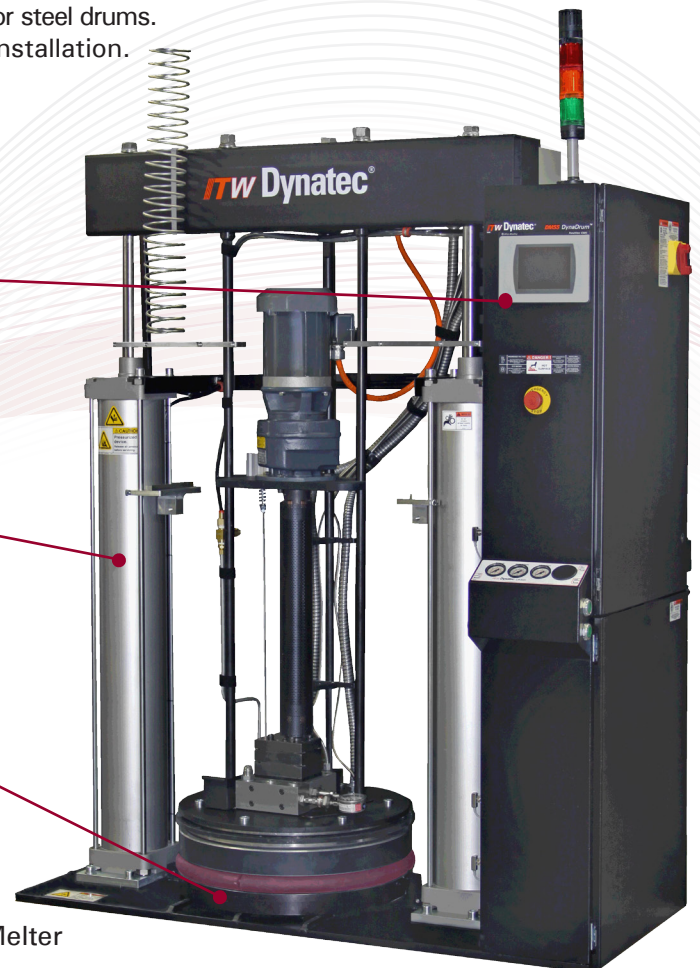
Remote purge valve operation through HMI simplifies drum changes and provides additional safety for operators.

### Innovation

Removable, replaceable pneumatic cylinders provide ultimate flexibility for maintenance.

### Flexibility

Platen faces are available for various reactive and non-reactive adhesives, including PUR.



ITW Dynatec - DM55 DynaDrum™ Bulk Adhesive Melter  
(shown with gear pump option)

## The Dynatec Difference...

### Modular Construction Simplifies Operation

The DM55 DynaDrum™ features a removable platen face allowing for field retrofit, saving you time and money. Particularly when working with reactive adhesives, the removable platen face allows more accessibility for maintenance and cleaning. There is no need to purchase a new drum melter or ship the existing unit back to the OEM for

factory retrofit, simply keep a spare on-hand to change out during cleaning to prevent any significant downtime.

# DM55 DynaDrum™ - Bulk Adhesive Melter

System	DM55 DynaDrum™
Melt Rate (non-reactive platen)*	250 kg/hr (600 lbs/hr) *
Piston Pump Specifications	15:1 Piston Pump, Pressure Balanced
Gear Pump Specifications	20/30/45 cc/rev**
Electrical	
Platen Watts	35kW
Hose Output	2.4kW each (2 max)
Head Output	2.4kW each (2 max)
Pump Heater	1.2kW
Auxiliary Output	2.4kW each (2 max)
Voltage	240 VAC Delta, 480 VAC Delta, 380 VAC WYE Volts (380 requires neutral)

\*Actual rates and output vary depending upon adhesive and application. Listed melt rate based on a 1000cps PSA.

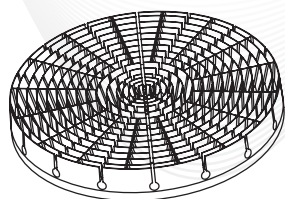
\*\*Other pump sizes available up to 45cc.

Dimensions	DM55 DynaDrum
Height (H)	184cm (72.4in)
Height Platen Extended (E)	286.2cm (112.7in)
Depth (D)	91.6cm (36in)
Width (W)	153.3cm (60.4in)
Weight (empty)	771kg (1,700lbs)

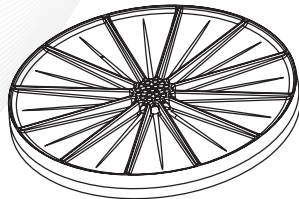
## Options

- Smooth finned platen for reactive adhesives
- Tandem capabilities
- CE certification
- Digital pressure transducer
- Continuous platen position sensor
- Platen guards, vent hood and pallet spacers

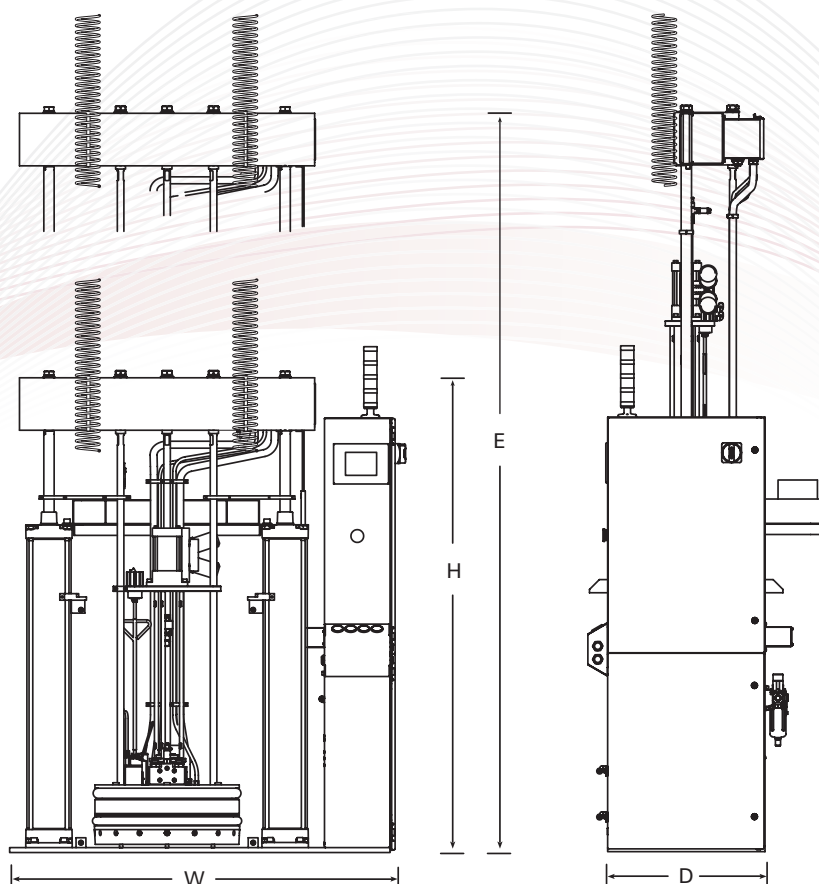
Standard Platen



Reactive Adhesive Platen



Quick-change high-flow and smooth finned melt platens.



**ITW Dynatec**

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