

Dynamelt™ M Series - Adhesive Supply Unit

The Dynamelt™ M Series hot melt adhesive supply units are PLC-based and provide accurate, proportionate temperature control for the hopper, hoses and applicators. The M Series units are available in three cabinet sizes and offer four hopper sizes. Temperature set points are operator-selected for up to 16 zones.

DYNAMELT™ M Series:

- Up to 4 separate adjustable melting zones.
- Melts only the adhesive demanded for the application, virtually eliminating char.
- Four hopper sizes available in single and dual configurations.
- Additional melt grids can be added to meet additional adhesive volume requirements.
- Durable precision gear pumps.

Versatile

Standard controls include PLC or DynaControl systems.

Modular Design

Capable of single or dual hopper configurations.

Expandable

Additional melt grids and gear pumps can be added to meet your application needs.



Shown - ITW Dynatec Dynamelt™ M140 and melt grid

The Dynatec Difference...

Melt-on-Demand Hopper

Most suppliers will agree that adhesive degradation is the number one cause of downtime on hot melt equipment. To address this problem, ITW Dynatec has patented a "Melt-On-Demand" system. ITW Dynatec's vertical, unheated hoppers only melt the amount of adhesive required by the application. Most of the hot melt adhesive in the hopper remains at a

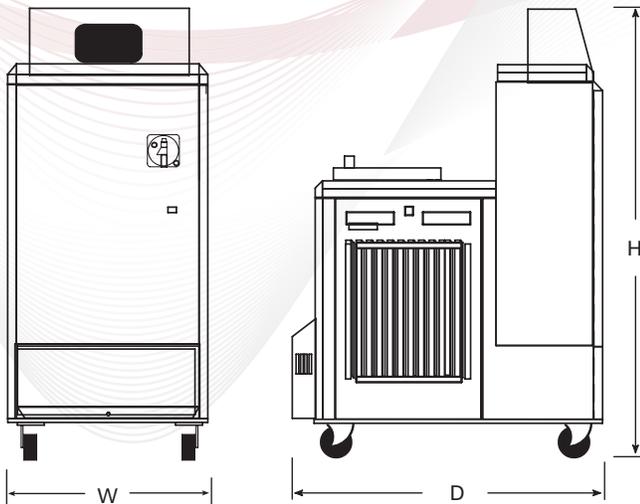
much lower temperature, perhaps even solid state. The added benefits of melting only the adhesive required are quicker start-ups, reduced energy costs, better viscosity control, and reduced fumes.

Dynamelt™ M Series - Adhesive Supply Unit

System	M35	M70	M140	M210 / M280
Hopper Capacity	35kg (75lbs)	70kg (155lbs)	140kg (310lbs)	210kg (460lbs) / 280kg (574lbs)
Operating Temperature	40 to 232°C (100 to 450°F)			
Melt Rate (per hour)	18-65 kg/hr (40-143 lb/hr)	27-95 kg/hr (59-209 lb/hr)	34-115 kg/hr (75-253 lb/hr)	45-145 kg/hr (99-319 lb/hr)
Gear Pumps Standard	2.92 cc/rev	2.92 cc/rev	2.92 cc/rev	2.92 cc/rev
Hose Output Zones	1-4	1-8	1-8	1-12 / 1-18
Head Output Zones	1-4	1-8	1-8	1-12
Max. Working Hydraulic Pressure	69 BAR (1,000psi)	69 BAR (1,000psi)	69 BAR (1,000psi)	69 BAR (1,000psi)
Temperature Control Stability	± 1°C (1°F)	± 1°C (1°F)	± 1°C (1°F)	± 1°C (1°F)
Electrical Service Standard	200-240 VAC 3 Phase 50/60 Hz			
Electrical Service Standard	380 VAC 3 Phase Y 50/60 Hz			
Working Viscosity	500 - 50,000 cps			

*Melt rates vary with adhesive type.

Dimensions	M35	M70	M140	M210	M280
Height (H)	135cm (53in)	168cm (66in)	168cm (66in)	168cm (66in)	198cm (78in)
Depth (D)	87.8cm (34.6in)	130cm (51.2in)	130cm (51.2in)	130cm (51.2in)	156cm (61.3in)
Width (W)	60cm (23.5in)	85cm (33.5in)	85cm (33.5in)	118cm (46.5in)	187cm (73.7in)



Available Features/Options

- Digital RPM readout
- Multi-lingual display capabilities
- Programmable sequential heat zone startup
- Programmable temperature setback
- High/low alarm for each zone
- Separate pump/motor speed control
- PLC or DynaControl™ systems standard
- M280 available with Allen Bradley PLC only
- Dual hopper configurations available (excludes M35)



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