

Dynamelt™ M

DYNAMELT™ M OFFERS THE HIGHEST ACCURACY AND FLEXIBILITY FOR A WIDE RANGE OF DIFFERENT APPLICATIONS, LIKE THOSE IN THE AUTOMOTIVE, DISPOSABLE HYGIENE PRODUCT, TAPE AND LABEL AND FILTER INDUSTRY.

PRECISION

Up to eight precision gear pumps per unit achieve $\pm 2\%$ output accuracy in either single or dual output design.

MODULAR DESIGN

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

INNOVATION

Patented melt grids pre-melt the adhesive, gradually increasing the temperature to prevent adhesive degradation and energy loss.



DYNAMELT™ M ADHESIVE SUPPLY UNIT

The Dynamelt™ M 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 all zones. Melt-on-Demand: ITW Dynatec's patented vertical, unheated hoppers only melt the amount of adhesive required by the application. Most 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, better viscosity control, and reduced fumes.

FEATURES

- Melts only the adhesive demanded for the application.
- Four hopper sizes available in single configurations, dual hoppers available in M70 and M210.
- Additional melt grids can be added to meet additional adhesive volume requirements.
- Durable precision gear pumps.

OPTIONS

- Multi-lingual display capabilities.
- Available PLC systems include DynaControl™, Allen Bradley, Siemens, etc.

TECHNICAL DATA

System	M35	M70	M140	M210
Hopper Capacity *	35 kg (75 lbs)	70 kg (155 lbs)	140 kg (310 lbs)	210 kg (460 lbs)
Operating temperature range	40 ° to 232 °C (100 ° to 450 °F)			
Viscosity range	500 to 50.000 cps			
Melt rate **	18-65 kg/h (40-143 lb/h)	27-95 kg/h (59-209 lb/h)	34-115 kg/h (75-253 lb/h)	45-145 kg/h (99-319 lb/h)
Gear pump sizes	0.15 - 45 ccm/rev			
Number of gear pump per unit	1-2	1-4	1-4	1-6
Hose/Head output zones	1-4	1-8	1-8	1-12
Aux output zones	1-4	1-8	1-8	1-12
Max. working hydr. pressure	69 bar (1,000 psi)			
Supply voltage setup 1	200-240 VAC 3Ph 50/60 Hz			
Supply voltage setup 2	380 VAC 3Ph Y 50/60 Hz			
Total Amp draw	50 A, 240 V, 3Ph	100 A, 240 V, 3Ph	100 A, 240 V, 3Ph	150 A, 240 V, 3Ph
Height	1,350 mm (53 in)	1,680 mm (66 in)	1,680 mm (66 in)	1,680 mm (66 in)
Depth	880 mm (34.6 in)	1,300 mm (51.2 in)	1,300 mm (51.2 in)	1,300 mm (51.2 in)
Width	600 mm (23.5 in)	850 mm (33.5 in)	850 mm (33.5 in)	1,180 mm (46.5 in)

* No optional grid mounted, ** Melt rates vary with adhesive type

LOCATIONS

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