

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 **	18-65kg/hr (40-143lb/hr)	27-95kg/hr (59-209lb/hr)	34-115kg/hr (75-253lb/hr)	45-145kg/hr (99-319lb/hr)
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	200-240VAC 3Ph 50/60Hz			
Supply voltage setup 2	380VAC 3Ph Y 50/60Hz			
Total Amp draw	50A, 240V, 3Ph	100A, 240V, 3Ph	100A, 240V, 3Ph	150A, 240V, 3Ph
Height [mm]	1,350 mm (53in)	1,680 mm (66in)	1,680 mm (66in)	1,680 mm (66in)
Depth [mm]	880 mm (34.6in)	1,300 mm (51.2in)	1,300 mm (51.2in)	1,300 mm (51.2in)
Width [mm]	600 mm (23.5in)	850 mm (33.5in)	850 mm (33.5in)	1,180 mm (46.5in)

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

LOCATIONS

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