

Dynamelt™ Simplicity

FOR EASIER OPERATION, INSTALLATION AND MAINTENANCE THAN ANY OTHER HOT MELT SUPPLY UNIT, THE DYNAMELT SIMPLICITY IS THE SMART CHOICE FOR YOUR PRODUCTION NEEDS.

SIMPLICITY

Intuitive V6 controls and clear easy-to-read display

EFFICIENCY

Patented Melt-On-Demand™ technology melts only the adhesive necessary

RELIABILITY

Less nozzle clogging means reduced maintenance and less downtime



DYNAMELT™ SIMPLICITY ADHESIVE SUPPLY UNIT

The Dynamelt™ Simplicity takes innovation, technology and performance to the next level. Clear, intuitive V6 controls and a modular design make it simple to install, operate and maintain. With a distinctive new orange ceramic coating, this compact unit features an HMI and hopper lid swivel for flexible configurations, while its small internal reservoir and auto-feeding system rivals “tankless” systems. To match the production needs optimally, at the 16 kg hopper (only) a pre-melt grid can be mounted to increase the adhesive melt rate and two piston pumps can be mounted to double the delivery rate, which make Simplicity unique and exceptional in his class.

FEATURES

- “Turn it on and walk away” convenience makes it an outstanding value
- Vertically integrated pump with easy-spin pump filter
- Easy-to-operate single board control eliminates the need for extensive training
- Melt-On-Demand technology eliminates charring and reduces maintenance
- Dual piston pump capabilities (16kg unit only)
- All-in-one filter/regulator with integrated pre-filter and coalescing filter

TECHNICAL DATA

System	4KG	8KG	16KG / 16KG Dual Piston Pump
Hopper capacity	4 kg (9 lbs)	8kg (18 lbs)	16kg (35 lbs)
Operating temp.	10° C to 232° C (50° F to 450° F)		
Melt rate*	25 lbs/h	25 lbs/h	50 lbs/h
w/ Optional Grid	N/A	N/A	90 lbs/h
Piston pump rate	4/8/16KG = 0.91 kg/min (2 lbs/min) 16KG DPP = 1.81 kg/min (4 lbs/min)		
Piston pump comp.	12:1		
Hose/Head output zones	2, 4, 6		
Max. working hydraulic pressure	68 bar (1000 psi)		
Temp. Control Stability	+/- 1° C (1° F)		
Supply voltage setup	230VAC Single Ph, 240VAC 3Ph Δ, 230/400VAC 3Ph + N + PE, 400/480VAC, 3Ph. Δ		
Working Viscosity	500 to 50,000 cps		
Height	454.5 mm (17.89 in)	541.5 mm (21.32 in)	510.6 mm (20.10 in)
Depth	339 mm (13.34 in)	339 mm (13.34 in)	431.2 mm (16.97 in)
Width	619.5 mm (24.39 in)	619.5 mm (24.39 in)	712.9 mm (28.07 in)

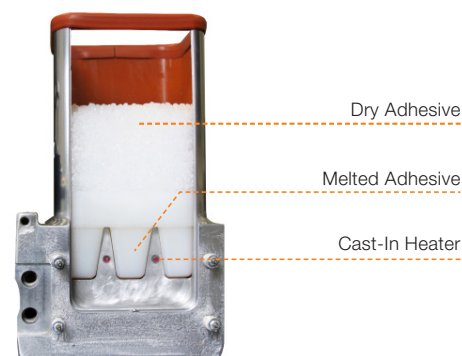
*Dependent on adhesive type

OPTIONS

- 4 kg, 8 kg, 16 kg tank sizes
- 400 VAC or 480 VAC w/o neutral transformers
- Low-Level sensor
- Pre-filter gauges cue filter change or clogged nozzles
- Dynafill auto feed capable
- Accommodates as many as six hoses
- Available pre-melt grid for increased melt rate

MELT-ON-DEMAND HOPPER

Adhesive degradation is recognized as 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.



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