

Dynamelt™ S Series - Adhesive Supply Unit

DYNAMELT™ S The Dynamelt S system provides accurate, proportionate temperature control for the hopper, hoses, and applicators. Available with a choice of piston or gear pump, the Dynamelt S ASU uses a microprocessor temperature control to accurately control the temperature of hot-melt adhesive for up to six hoses and six heads.

DYNAMELT™ S Series:

- MELT-ON-DEMAND Hopper Grid extends adhesive life and performance
- 7 year melt-on-demand hopper warranty
- Self-diagnostic P.I. digital temperature controller with platinum sensor accuracy
- Fitted with piston or gear pump
- Hopper grid melts only the adhesive that is demanded by the application, virtually eliminating char

Reliability

Melt-On-Demand hopper extends adhesive life and performance.

Flexibility

Can accommodate up to 6 hoses/heads with either piston or gear pumps.

Simplicity

Icon-driven control panel simplifies operations.



ITW Dynatec - Dynamelt™ S Series
Models: S05, S10, S22, S45

480V Transformer Option
Pendant Control Option

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

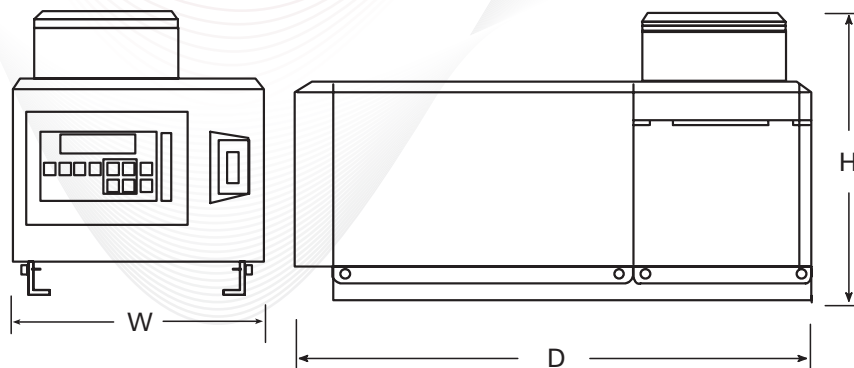
much lower temperature, perhaps even solid state. The added benefits of melting only the adhesive required are quicker start-ups, reduced energy costs, better viscosity control, and reduced fumes.

Dynamelt™ S - Adhesive Supply Unit

System	S22
Hopper Capacity	22k (48lbs)
Operating Temperature	10 to 218°C (50 to 425°F)
Melt Rate* (per hour)	23 kg/hr (50lb/hr)
Melt Rate* (per hour) - W/ Optional Grid	41 kg/hr (90lb/hr)
Pump Rate (Piston/4.5cc Gear)	.91kg (2 lb)/min/.38kg (.83lb)/min
Piston Pump Compression Ratios	12:1
Gear Pumps Standard	1.5cc/rev, 3.2cc/rev or 4.5cc/rev
Hose Output Zones	2, 4, or 6
Maximum Working Hydraulic Pressure	68 bar (1000psi) - Piston Pump
Temperature Control Stability	± 1°C (1°F)
Electrical Service Standard	240 VAC 1Phase 50/60 Hz
Electrical Service Standard	380 VAC 3Phase Y 50/60 Hz
Working Viscosity	500 to 50,000 cps

Dimensions	S22
Height (H)	61 cm (24 in) 73.6 cm (29 in)†
Depth (D)	84 cm (33 in) 83.2 cm (32.7 in)†
Width (W)	35.5cm (14 in)
Weight (empty)	50 kg (110lbs)

†Dimensions include the 480 VAC transformer option.

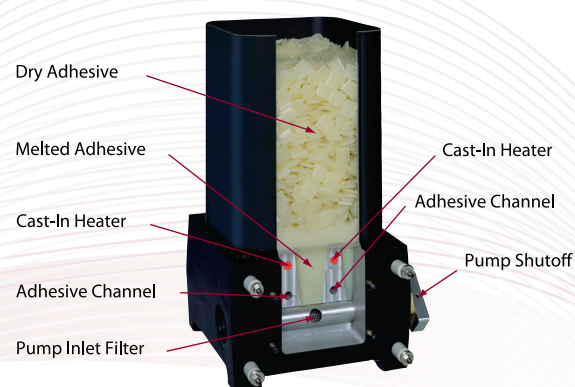


Optional Accessories

- Analog or digital pressure gauge
- Adhesive level indicator
- Pendant control pattern
- Seven day scheduler
- 480 VAC transformer

*Melt rates vary with adhesive type. All units capable of 2 hoses and applicators. Units can be fitted with a piston or gear pump.

Melt-On-Demand Hopper



ITW Dynatec

ASIA

ITW Dynatec Suzhou
Unit2, B1 Building
No.9 Weixin Road
SIP, Suzhou, China 215122
Telephone +86.512.6289.0620
Fax +86.512.6289.0621
dynameltsuzhou@itwdynatec.cn

AMERICAS

ITW Dynatec
31 Volunteer Drive
Hendersonville, TN 37075
Telephone 615-824-3634
+1.800.860.6150
Fax +1.615.264.5248
dynatec@itwdynatec.com

JAPAN

ITW Dynatec K.K.
Tsukimura Building 5th Floor
26-11, Nishikamata 7-chome
Ota-ku, Tokyo 144-0051, Japan
Telephone +81.3.5703.5501
Fax +81.3.5703.5505
info@itwdynatec.co.jp

EUROPE, AFRICA and MIDDLE EAST

ITW Dynatec GmbH
Industriestrasse 28
D-40822 Mettmann, Germany
Telephone +49.210.4915.0
Fax +49.210.491.5111
e.mail@itwdynatec.de

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