

Dynamelt™ D Series Adhesive Supply Unit

Dynamelt D Series is available in four hopper sizes and with a choice of dual or single gear pumps. The ASU uses a microprocessor temperature control to closely control the temperature of hot melt adhesive for up to eight hose standard and precision metered outputs.

Dynamelt™ D Series:

- Up to four drives/four gear pumps permit up to eight metered outputs.
- Standard or precision metered outputs available.
- User friendly push LCD/touchscreen controls with multi-lingual display that includes Chinese.
- Dynacontrol™ P.I. digital temperature controller with platinum sensor accuracy.
- Ten combinations of hopper sizes and melt rate selections.

Simplicity

LCD/touchscreen control panel simplifies operations.

Flexibility

Can accommodate up to eight standard hoses/heads.

Reliability

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



Dynamelt™ D25

The Dynatec *Difference*

Melt-on-Demand Hopper

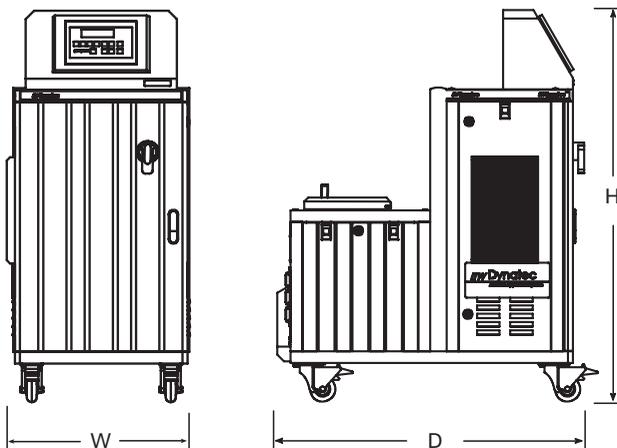
Most suppliers will agree that adhesive degradation is the number one cause of downtime on hot melt equipment. To address this problem, ITW Dynatec has patented a "Melt-On-Demand" system. ITW Dynatec's vertical, unheated hoppers only melt the amount of adhesive required by the application. Most of the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

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

System	D25	D45	D50	D90
Hopper Capacity	25kg (55lbs)	45kg (100lbs)	50kg (110lbs)	90kg (200lbs)
Operating Temperature	38 to 218°C (100 to 425°F)			
Melt Rate (per hour)*	23 kg/hr (50 lbs/hr)	23 kg/hr (50 lbs/hr)	46 kg/hr (100 lbs/hr)	46 kg/hr (100 lbs/hr)
Melt Rate (per hour)* - W/ Optional Grid	41 kg/hr (90 lbs/hr)	41 kg/hr (90 lbs/hr)	82 kg/hr (180 lbs/hr)	82 kg/hr (180 lbs/hr)
Melt Rate (per hour) - 2 Optional Grids	N/A	59 kg/hr (130 lbs/hr)	N/A	118 kg/hr (260 lbs/hr)
Pump Rate (4.5cc gear)	.38kg (.83lb) min	.38kg (.83lb) min	.38kg (.83lb) min	.38kg (.83lb) min
Gear Pumps Standard	1.5, 3.2, 4.5 cc/rev			
Gear Pumps / Drives	1-2	1-2	1-4	1-4
Hose Output Zones**	2-6	2-6	2-8	2-8
Maximum Working Hydraulic Pressure	68 bar (1000psi)	68 bar (1000psi)	68 bar (1000psi)	68 bar (1000psi)
Temperature Control Stability	± 1°C	± 1°C	± 1°C	± 1°C
Electrical Service Standard	200 to 240 VAC 3Ph □ 50/60Hz			
Electrical Service Standard	380 to 400 VAC 3Ph Y 50/60Hz			
Operator Interface	LCD/Touchscreen	LCD/Touchscreen	LCD/Touchscreen	LCD/Touchscreen
Maximum Wattage	21,600 W	24,100 W	43,200 W	48,200 W
Working Viscosity	1,000 to 50,000 cps			
Working Viscosity (reduced melt-rate)	50,000 to 100,000 cps			

*Melt rates vary with adhesive type. 200/240 VAC, 50-60 Hz, 3-phase delta nominal or 400 VAC, 50-60 Hz, 3-phase wye nominal.

**Four hose/head zones with four auxiliary zones, or six hose/head zones without auxiliary zones. D50/90 units have eight hose/head zones with eight auxiliary zones.



Dimensions	D25	D45	D50	D90
Height (H)	133cm (52.4in)	133cm (52.4in)	133cm (52.4in)	133cm (52.4in)
Depth (D)	97.5cm (38in)	97.5cm (38in)	97.5cm (38in)	97.5cm (38in)
Width (W)	52cm (20.5in)	52cm (20.5in)	104cm (41in)	104cm (41in)

Optional Accessories

- High accuracy gear pumps
- Adhesive low level indicator
- Digital RPM readouts
- KBSI signal isolator
- Ethernet communications
- Analog or digital adhesive pressure indicator
- Pendant control
- Aux/Temperature zone (2)
- Multi-system cline (Touchscreen models only)
- Swiri kit, 1 hose, 240 v, 1 moto
- Swiri kit, 2 hose, 240v, 1 motor

CHINA

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

ITW Dynatec TenPlus
ZI Croix de Raville
28500 Cherys, France
Telephone +33(0)2.37.62.56.47
Fax +33(0)2.37.62.56.40
info@itwdynatec.fr