

# Dynamelt™ D

REDUCE DOWNTIME SAFELY AND EFFECTIVELY WITH THE DYNAMELT™ D MELT-ON-DEMAND HOPPER FOR QUICKER START-UPS, REDUCED ENERGY COSTS, BETTER VISCOSITY CONTROL, REDUCED FUMES AND REDUCED MAINTENANCE.

## **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™ 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.

### FEATURES

- Up to four drives/four gear pumps permit up to eight metered outputs
- Standard or precision metered outputs available
- User friendly LCD or 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

### OPTIONS

- Digital Pressure Transducer
- Pneumatic Pressure Relief Kit
- Profibus Interface
- High Temperature Kit
- Adhesive Level Sensor
- EtherCAT Interface
- Ethernet IP Interface
- Multi System HMI Software License
- Profinet Interface
- CC-Link Interface

### TECHNICAL DATA

System	D25	D45	D50	D90
Hopper Capacity *	25kg (55 lbs)	45kg (100 lbs)	50kg (110 lbs)	90kg (200 lbs)
Operating temperature range	38° to 218°C (100° to 425°F)			
Viscosity range (reduced melt-rate)	1,000 to 50,000 cps (50,000 to 100,000 cps)			
Melt rate **	23kg/h (50 lbs/h)		46 kg/h (100 lbs/h)	
Melt rate with optional grid **	41 kg/h (90 lbs/h)		82 kg/h (180 lbs/h)	
Melt rate with 2 optional grids **	-	59 kg/h (130 lbs/h)	-	118 kg/h (260 lbs/h)
Gear pump sizes	1.5 / 3.2 / 4.5 ccm/rev			
Number of gear pump per unit	1-2		1-4	
Hose/Head output zones	2-6		2-8	
Max. working hydraulic pressure	68 bar (1000psi)			
Supply voltage setup 1	200-240 VAC 3Ph 50/60Hz			
Supply voltage setup 2	380-400 VAC 3Ph Y 50/60Hz			
Operator Interface	Icon-based Keypad		Keypad w/ LCD	
Maximum Wattage	24,200W	26,700W	48,400W	53,400W
Height [mm]	1330 mm (52.4 in)		1330 mm (52.4 in)	
Depth [mm]	975 mm (38 in)		975 mm (38 in)	
Width [mm]	520 mm (20.5 in)		1040 mm (41 in)	

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

### LOCATIONS

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