

# Dynamelt™ S

THE DYNAMELT™ S NO-CHAR MELT-ON-DEMAND™ SYSTEM DEFEATS DOWNTIME, WHILE EXTENDING ADHESIVE LIFE AND PERFORMANCE. IT OFFERS THE MOST SIMPLE, FLEXIBLE AND RELIABLE TECHNOLOGY FOR A WIDE RANGE OF DIFFERENT APPLICATIONS IN THE PACKAGING INDUSTRY.

## **FLEXIBILITY**

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

## **SIMPLICITY**

Icon-driven control panel simplifies operations.

## **RELIABILITY**

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



## DYNAMELT™ S SERIES ADHESIVE SUPPLY UNIT

The Dynamelt™ S system provides accurate, proportionate temperature control for the hopper, hoses, and applicators. Available in two hopper sizes and with a 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.

### FEATURES

- MELT-ON-DEMAND Hopper Grid extends adhesive life and performance.
- Self-diagnostic P.I. digital Temperature controller with platinum sensor accuracy.
- Hopper grid melts only the adhesive that is demanded by the application, virtually eliminating char.

### OPTIONS

- Adhesive Level Sensor
- Pneumatic pressure relief
- Ethernet / IP interface
- Pendant Control
- Pendant Display Only (Spare)
- Handgun controlled pump trigger
- Dual hose wirl kit (Includes Option O)
- Signal isolator

### TECHNICAL DATA

System	S22	S45
Hopper Capacity *	22 kg (48 lbs)	45 kg (100 lbs)
Weight	50 kg (110 lbs)	54 kg (118 lbs)
Operating temperature range	10° to 218 °C (50° to 425 °F)	10° to 218 °C (50° to 425 °F)
Viscosity range	500 to 50,000 mPas/cps	500 to 50,000 mPas/cps
Melt rate **	without grid = 23 kg/h (50 lbs/h) w. 1 grid = 41 kg/h (90 lbs/h)	without grid = 23 kg/h (50 lbs/h) w. 1 grid = 41 kg/h (90 lbs/h) w. 2 grids = 59 kg/h (130 lbs/h)
Gear pump sizes	4,5 cc/rev	8,5 / 10 / 20 cc/rev
Hose/Head output zones	2, 4 or 6	2, 4 or 6
Max. working hydraulic pressure	68 bar (1,000 psi)	68 bar (1,000 psi)
Supply voltage setup 1	240V 1Phase Δ 50/60Hz, 240 V 3Phase Δ 50/60Hz	240V 1Phase Δ 50/60Hz, 240V 3Phase Δ 50/60Hz
Supply voltage setup 2	380V 3Ph Y 50/60Hz	380V 3Ph Y 50/60Hz

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

### LOCATIONS

#### Americas

ITW Dynatec  
31 Volunteers Drive  
Hendersonville, TN 37075  
Phone: +1.615.824.3634  
USA  
info@itwdynatec.com  
www.itwdynatec.com

#### China

ITW Dynatec Suzhou  
No. 2, Anzhi Street,  
SIP, Suzhou, 215122 China  
Phone +86.512.6289.0620  
Fax +86.512.6289.0621  
info@itwdynatec.cn  
www.itwdynatec.cn

#### Japan

ITW Dynatec K.K.  
Flos Kamata  
26-11, Nishikamata 7-chome  
Ota-ku, Tokyo 144-0051, Japan  
Phone: +81.3.5703.5501  
Fax: +81.3.5703.5505  
info@itwdynatec.co.jp  
www.jp.itwdynatec.com

#### Europe, Middle East and Africa

ITW Dynatec GmbH  
Industriestraße 28  
40822 Mettmann, Germany  
Phone: +49.2104.915.0  
Fax: +49.2104.915.111  
info@itwdynatec.de  
www.itwdynatec.de

