

# Simplicity™

THE SIMPLICITY™ ADHESIVE SUPPLY UNIT FEATURES A MODULAR DESIGN THAT MAKES IT SIMPLE TO INSTALL, OPERATE AND MAINTAIN. ITS UNIQUE DESIGN AND PERFORMANCE FEATURES SET IT APART FROM THE COMPETITION, MINIMIZING DOWNTIME AND MAXIMIZING FLEXIBILITY AND RELIABILITY.

## **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



## SIMPLICITY™ ADHESIVE SUPPLY UNIT

The Simplicity™ ASU 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 (16 kg unit only)
- All-in-one filter/regulator with integrated pre-filter and coalescing filter

### 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

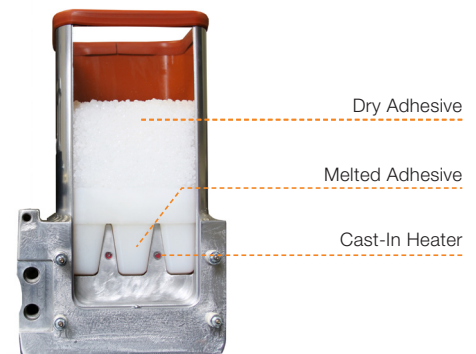
### TECHNICAL DATA

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

\*Dependent on adhesive type

### 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.



### LOCATIONS

**Americas**  
ITW Dynatec  
31 Volunteers Drive  
Hendersonville, TN 37075  
USA  
Phone: +1.615.824.3634  
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

**France**  
ITW Dynatec  
ZI Croix de Raville  
28500 Chérisy, France  
Phone: +33.237.6256.47  
Fax: +33.237.6256.40  
info@itwdynatec.fr  
www.itwdynatec.fr

