

# UFD Equity™

UFD EQUITY™ FIBERIZED SPRAY APPLICATORS PROVIDE INDUSTRY-LEADING PRECISION WITH SIGNIFICANT ADHESIVE SAVINGS. WITH THE PATENTED OMEGA™ AND RANDOM FIBER™ PATTERNS, UFD EQUITY™ PROVIDES UP TO 50% ADHESIVE SAVINGS WHILE MAINTAINING, IF NOT IMPROVING, BOND STRENGTH.

## SIMPLICITY

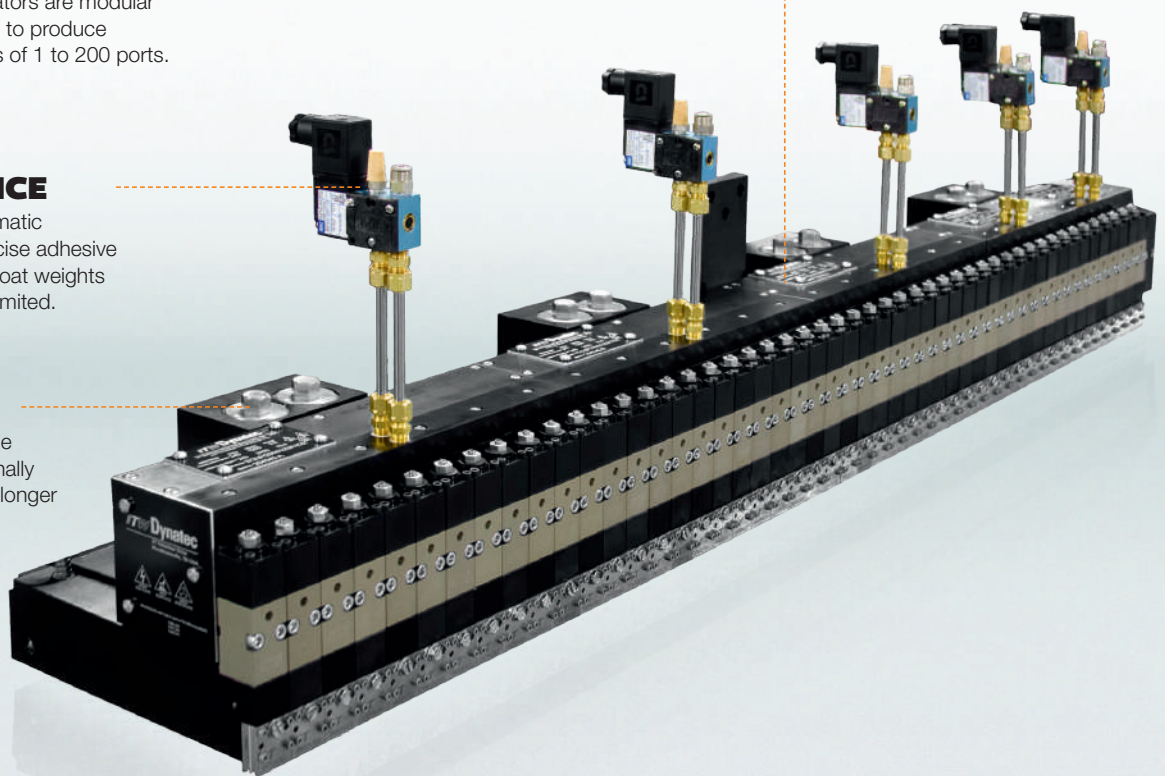
Stackable UFD applicators are modular and may be combined to produce segmented applicators of 1 to 200 ports.

## PERFORMANCE

Industry-trusted pneumatic operation ensures precise adhesive placement, accurate coat weights and is not line-speed limited.

## RELIABILITY

All stainless steel nozzle construction and internally filtered heated air give longer service life.



## UFD EQUITY™ FIBERIZED SPRAY APPLICATORS

Many companies say that they are innovators by providing techniques for laying down fiberized adhesive, but only ITW Dynatec has the patents to prove it (5,902,540 - 5,882,573 - 5,904,298). ITW Dynatec invented Laminated Plate Technology, which is used in all ITW Dynatec UFD™ nozzles and is the most effective way to lay down fiberized adhesive. When you use UFD™ Fiberized Spray technology from ITW Dynatec, you can be certain that you are using the best product on the market. The UFD™ Mounting Brackets allow for a simple and hassle-free setup of UFD™ applicators and also provide a fast and easy way to adjust the height of the applicator to the substrate and the angle at which adhesive is applied.

## FEATURES

- Applicators are modular and may be combined to produce segmented applicators of 1 to 200 ports
- The most precise adhesive applicator for size and placement of multiple fiber size patterns in the industry
- Consistent coat weight application eliminates ridges and valleys common when using swirl applicators
- Patterns are not line-speed limited
- Continuous pattern edge accuracy of  $\pm 2$  millimeter, depending on the adhesive
- Vertical or horizontal nozzle mount HS Series modules available
- Line-speed tracking and consistent coat weights regardless of variances of web-speed
- Web width pattern changes without interruption when utilizing multiple solenoid inputs

## TECHNICAL DATA

System	6 Port	8 Port	10 Port	12 Port	14 Port
<b>Operating temperature range</b>	38° to 218°C (100° to 425°F)				
<b>Viscosity range</b>	100 to 30,000 cps				
<b>Warm-Up time</b>	30 min. (cold start) 5 min. (module change)				
<b>Supply voltage setup</b>	200-240 VAC 1 Phase 50-60Hz				
<b>Adhesive pressure range</b>	0 to 68 bar (0 to 1000 psi)				
<b>Height</b>	268.9 mm (9.31 in)	268.9 mm (9.31 in)	268.9 mm (9.31 in)	268.9 mm (9.31 in)	268.9 mm (9.31 in)
<b>Depth</b>	222 mm (8.74 in)	222 mm (8.74 in)	222 mm (8.74 in)	222 mm (8.74 in)	222 mm (8.74 in)
<b>Width</b>	151 mm (5.95 in)	200 mm (8 in)	250 mm (10 in)	300 mm (12 in)	350 mm (14 in)
<b>Application air pressure range</b>	4.1 to 6.9 bar (60 to 100psi)			0 to 2.7 bar (0 to 40 psi)	

## LOCATIONS

### Americas

ITW Dynatec  
31 Volunteers Drive  
Hendersonville, TN 37075  
Phone: +1.615.824.3634  
Fax: +1.615.264.5248  
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 Suzhou  
No.2 Anzhi Street  
SIP, Suzhou, 215122, China  
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

