

# ADS1 DynaFill™ - Adhesive Delivery System

The ADS1 DynaFill™ automatically replenishes adhesive to the desired level in hot melt equipment. A low level indicator sends a signal to the DynaFill™ that adhesive is needed. The DynaFill™ then activates a venturi that draws the adhesive into a positive pressure air stream and deposits it into the hot melt unit.

## ADS1 DynaFill™

- On-Demand adhesive replenishment saves operator time and prevents thermal shock to adhesive.
- Automatically feeds units up to 20 feet vertically and 100 feet horizontally.
- Adhesive wand can be used in various containers for efficient adhesive delivery.
- Alarm indicator lights alert fill/no fill status.
- Stainless steel construction for corrosion resistance.
- Transparent container allows for adhesive level visualization.

### Flexibility

The DynaFill™ is compatible with most ITW Dynatec and/or competitive hot melt machine configurations.

### Energy Efficiency

Low air consumption of only 20 SCFM at 50 psi during adhesive feeding.

### Reliability

Adhesive supply levels are automatically maintained with a sealed system that virtually eliminates system contamination.



**ITW Dynatec - ADS1 DynaFill™**  
Shown with optional caster base.

## The Dynatec Difference...

### Flexibility

The DynaFill™ has been designed to give the customer more flexibility in manufacturing operations. The adhesive wand can be placed in most adhesive containers such as: boxes, plastic containers, and bulk manufacturer's shipping containers.

# ADS1 DynaFill™ - Adhesive Delivery System

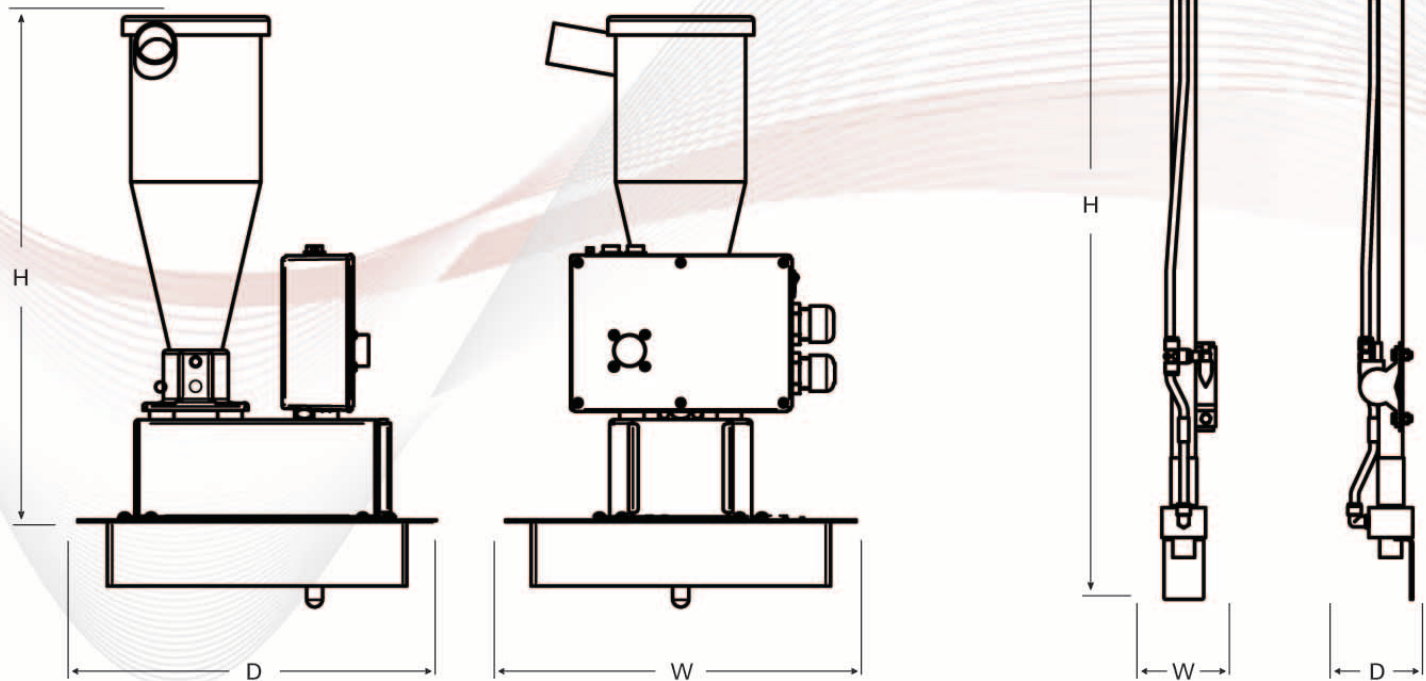
System	ADS1 DynaFill™
Adhesive Size	Up to 1/2" Slat
Adhesive Capacity	55 gal or 114 kg (250 lbs)
Adhesive Transfer Rate*	340kg (750lbs)/hour
Adhesive Transfer Length	Up to 6m (20ft) vertically and 30.5m (100ft) horizontally
Operating Air	Minimum: 3.5 bar (.35Mpa or 50psi) Maximum: 5.5 bar (.55MPa or 80psi)
Air Consumption	566Liters/min (20scfm) when feeding
Air Connection	1" supply to 1/2" tube connection at unit

\*Transfer rates are dependant upon adhesive type.

Dimensions	Wand	Lid Assembly*
Height (H)	123cm (48in)	48cm (19in)
Depth (D)	15cm (6in)	27cm (10.75in)
Width (W)	15cm (6in)	27cm (10.75in)

\* Lid sizes vary depending on type of adhesive supply unit being fed.

Optional Features
<ul style="list-style-type: none"> <li>• Caster base for mobility</li> <li>• Capabilities for audible alarm or secondary stack light</li> </ul>



**hma systems**  
 185 Advance Blvd. Unit 12  
 Brampton, Ontario.  
 L6T 4Y3  
 Tel: 905 458 8182  
 Fax: 905 458 0758



**Adhesive Application Solutions**

© 3/2010 ITW Dynatec  
 ITW Dynatec reserves the right to discontinue or change specifications, designs, materials and equipment without notice or obligation.

1800 309 2880

Visit us at - [www.hmasystems.com](http://www.hmasystems.com)