

# Vector™ - Modular Application System

The Vector™ metering station and modular adapters deliver adhesive to a variety of applications with extreme accuracy. This flexible system utilizes the remote metering station as a common pump base and can be easily configured for use with other applicators including slot, spray, and bead. The remote metering station can also be used independently to ensure accurate adhesive delivery to any applicator.

## Vector™ Modular Application System:

- Applicators share a common base with other applicators including slot, spray, and bead.
- Interchangeable parts for applicators and metering station reduce spare parts inventory.
- AC or servo motor and precision gearbox for accurate speed control of pump (5-45 RPM AC, 1-45 Servo).
- The Vector™ metering station provides up to  $\pm 0.5\%$  accuracy, cross web and machine direction.
- Standard applicator widths of 100mm, 200mm, 300mm, 400mm, 500mm, and 600mm.
- Vector™ metered pumps can be changed in less than five minutes.

## Metering Station

The Vector™ pump base is a common component to all three delivery platforms.

## Hose Output Adapter

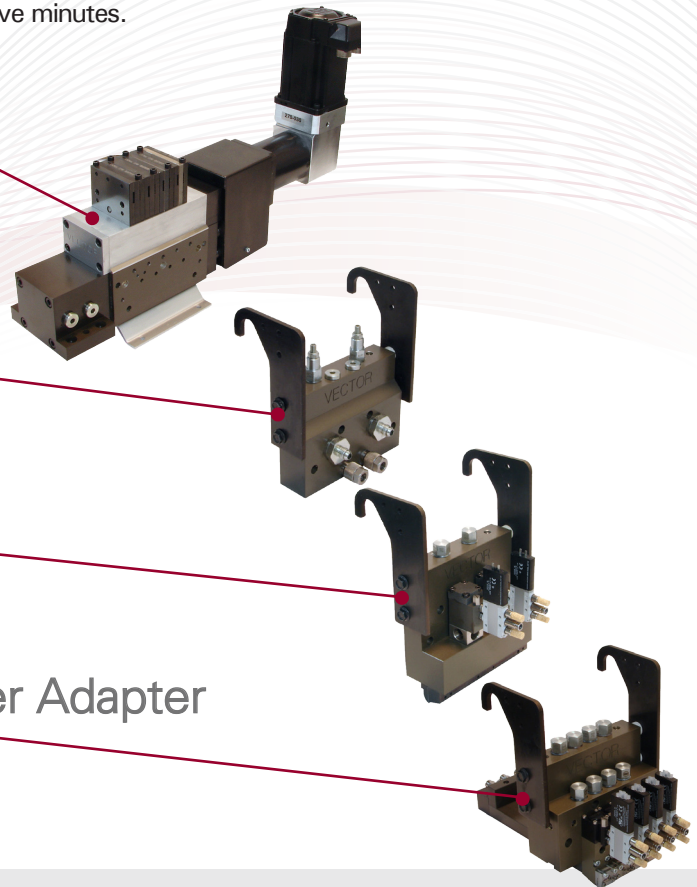
The hose adapter allows precise adhesive supply to standard applicators.

## Slot Adapter

The Apex™ slot adapter coats intermittent or continuous films or ribbons.

## UFD Omega/Random Fiber Adapter

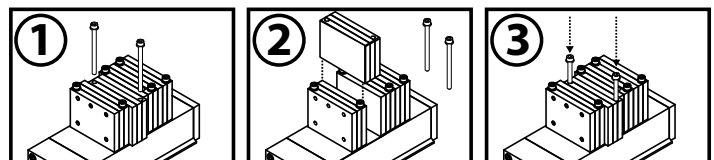
The non-contact adapter delivers adhesive without contacting the substrate.



## The Dynatec Difference...

### Vector™ Quick-Change Metering Pumps

In addition to metering accuracy up to 0.5%, Vector™ Pumps can be easily changed in less than five minutes by removing two retaining screws. With conventional equipment, pump changes often take more than an hour of cumbersome work with significant downtime.



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## System Specifications:

Operating Temperature	10 to 218°C (50 to 425°F)
Adhesive Add-on Rates	0.4 to 150cc/min/pump
Electrical Service Standard	240 VAC 1 Phase 50/60 Hz
Working Viscosity	500 - 30,000 cps
Temperature Zones	2 max

## Available Meter Sizes:

2 Port	4 Pump
4 Port	8 Pump
6 Port	12 Pump
8 Port	16 Pump
10 Port	20 Pump
12 Port	24 Pump

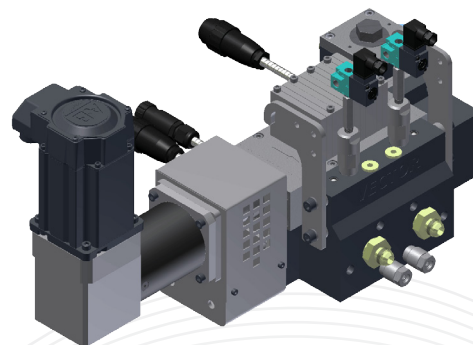
## Available Head Sizes:

100mm	4 Pump
200mm	8 Pump
300mm	12 Pump
400mm	16 Pump
500mm	20 Pump
600mm	24 Pump

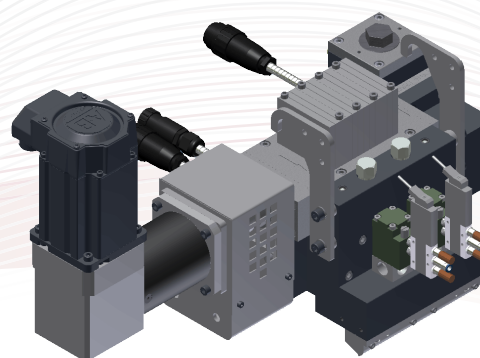
## Available Pump Sizes:

0.4 cc/rev	0.9 cc/rev
0.5 cc/rev	1.0 cc/rev
0.6 cc/rev	1.7 cc/rev
0.7 cc/rev	3.34 cc/rev
0.8 cc/rev	

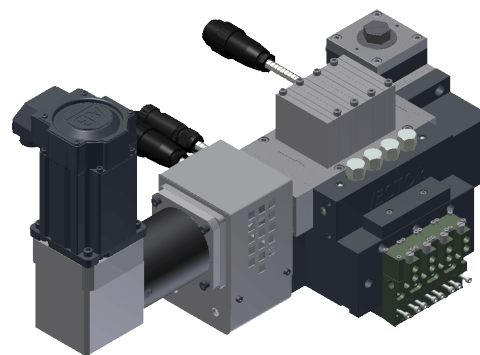
## Remote Metering Station (RMS)



## Slot Applicator



## UFD Omega/Random Fiber Applicator



Vector™ Platform shown with optional servo motor.



**ITW Dynatec**

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