

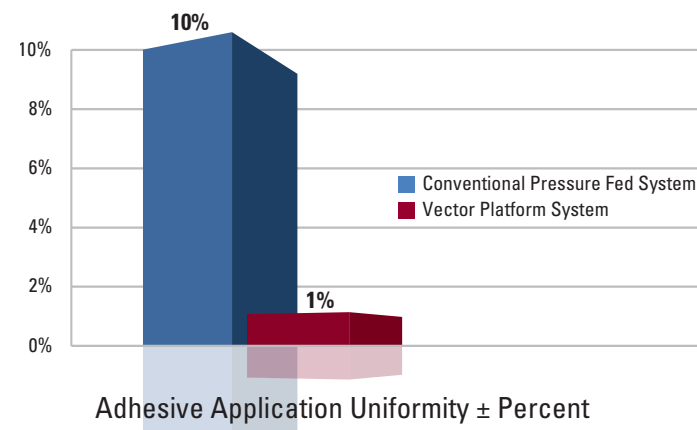
Vector's remotely metered applicators apply significantly lower coat weights with such precision that you can use up to 30% less adhesive. Applications using Surge technology can save up to 50% on adhesive by applying heavier coat weights only where needed in a variety of patterns, all with a single applicator.

The Vector Platform's patented pressure management system ramps up at the same speed as your line, improving product quality and greatly reducing scrapped product by applying exactly the correct amount of adhesive during ramp time.

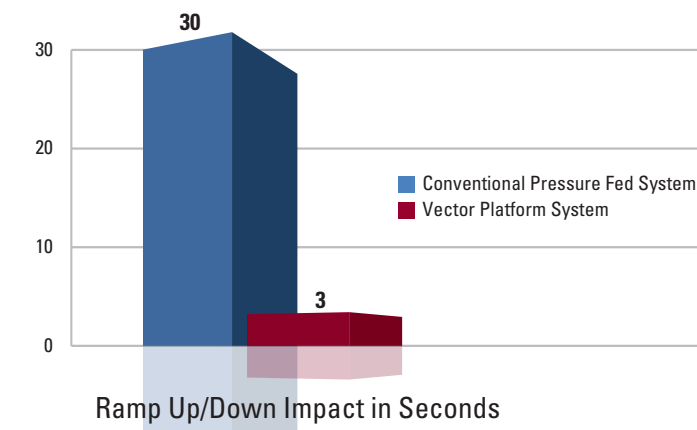
Average unexpected downtime costs for a baby diaper line can range from \$7,000 - \$10,000 an hour, translating into major loss if a critical component failure should occur within the hot melt system. By reducing the amount of required equipment and incorporating design features such as quick-change pumps and common spare parts, the Vector Platform will save you time, money and frustration.

By reducing the number of supply units, and therefore the number of motors and drives, the Vector Platform can save up to 30% in energy costs for typical baby diaper lines and up to nearly 35% for adult diaper lines.

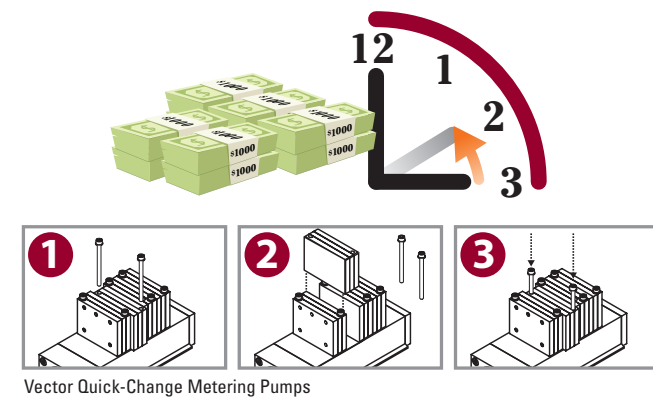
ADHESIVE SAVINGS



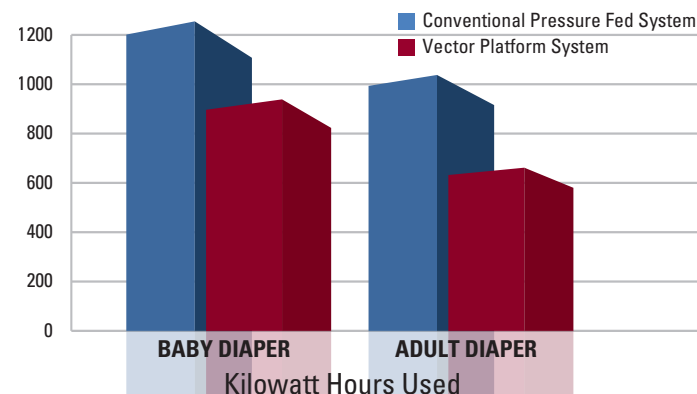
REDUCE PRODUCT SCRAP



DECREASE DOWNTIME



ENERGY EFFICIENCY



ITW Dynatec is a global supplier of adhesive coating equipment and solutions for various industries such as **Packaging, Disposable Hygiene Products, Adhesive Coating & Laminating** and many more. ITW Dynatec believes **Quality, Innovation & Sustainability** are the underlying principles of our long term success. Our mission is to help our worldwide customers manufacture superior products with less waste, improved quality, and reduced consumables.

At ITW Dynatec we maintain a strong emphasis on providing unparalleled service and support for our customers. From our extensive network of certified distributors and regionally located service technicians to money-saving maintenance programs and 24/7 customer support network, it's easy to see why so many have trusted their hot melt services to ITW Dynatec for over 45 years.

### Worldwide Service and Support Network



- Global Sales and Service Network
- Representation in Over 60 Countries



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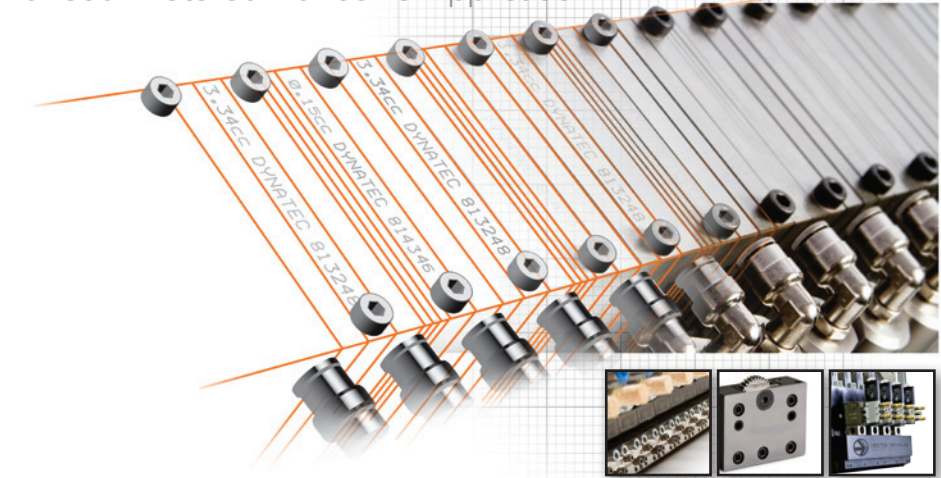
#### EUROPE, AFRICA and MIDDLE EAST

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## VECTOR™ PLATFORM TECHNOLOGY

Advanced Metered Adhesive Application



Giving Manufacturers a Competitive Edge





The Vector Platform is a collection of equipment and technology from ITW Dynatec that offers multiple industry exclusive features and benefits, giving manufacturers a truly competitive edge within a highly competitive global industry.

This modular and flexible adhesive application system is ideal for manufacturing lines requiring the tightest precision and uniformity such as baby diapers, adult diapers, feminine hygiene products and medical nonwovens. The Vector Platform's game-changing technology allows for a more sustainable production

of higher quality products for these markets than with conventional hot melt systems. With the latest addition to our Vector Platform technology, manufacturers now have more choice than ever about how to bond their products while enjoying the benefits of using less adhesive, without the costs of additional equipment. Let us demonstrate all that the Vector Platform can save on your next project by quoting it alongside a conventional system; we guarantee you will see the Dynatec difference.



2010 INDA Equipment Innovation Award Winner  
2013 INDA Equipment Innovation Award Finalist

TOTAL CONTROL

- Remote Metering at the Point of Application
- Patented Pressure Management System
- Modularity and Parts Compatibility
- True Melt-on-Demand Capability

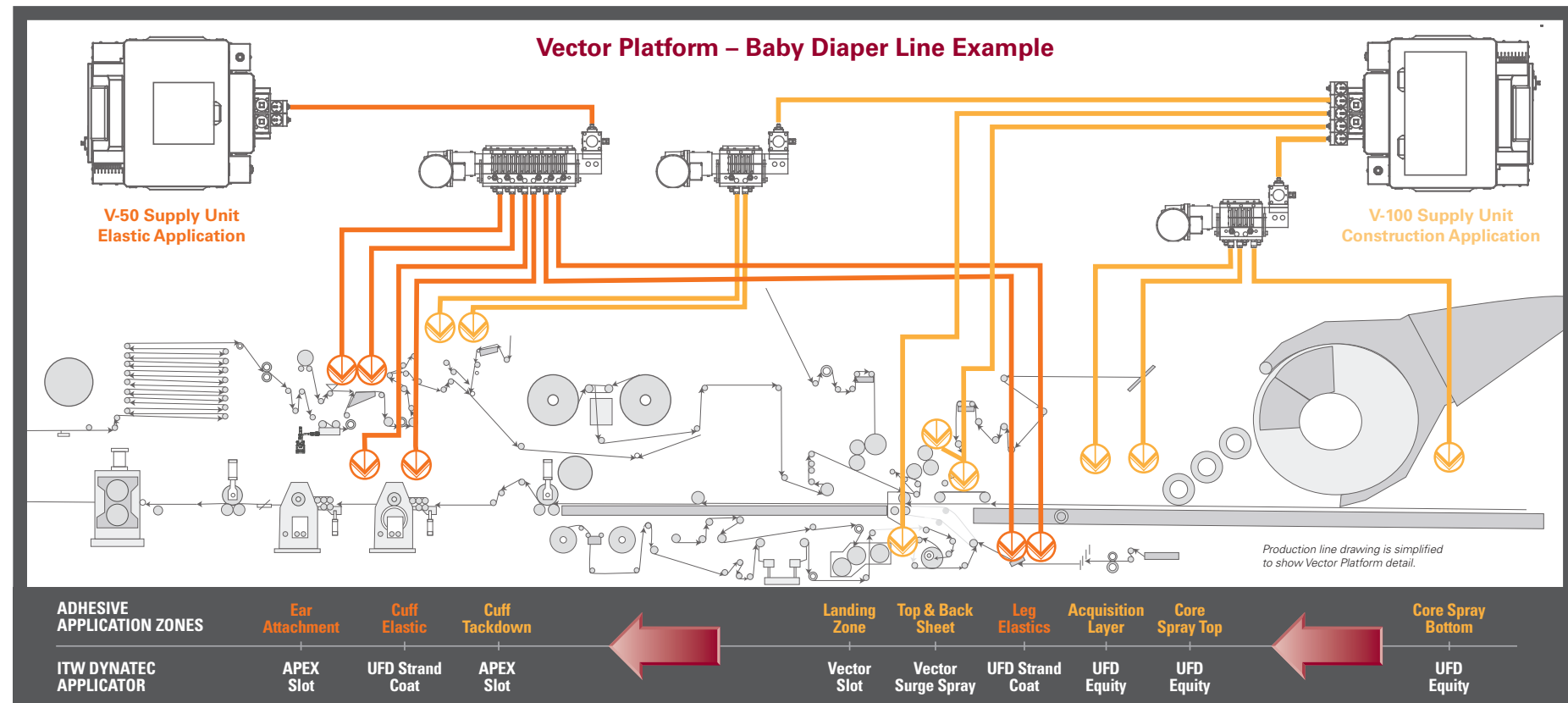
- Simplified Single Piston Pump Design
- Quick-Change Metered Pumps
- Application Flexibility
  - Metered Slot, Spray, Bead, Elastic Strand
  - Industry Exclusive Variable Volume Capability
  - Change Component Configurability

YOUR COMPETITIVE EDGE

- Application accuracy of  $\pm 0.5\%$  crossweb and machine direction
- Instantaneous line-speed ramp
- Virtually eliminate product scrap
- Reduce material consumption
- Reduce energy consumption
- Simplify maintenance, reduce parts inventory
- Reduce adhesive char and shearing
- Increase final product quality
- Maximize capital investment with reconfigurable system components

CONTROL

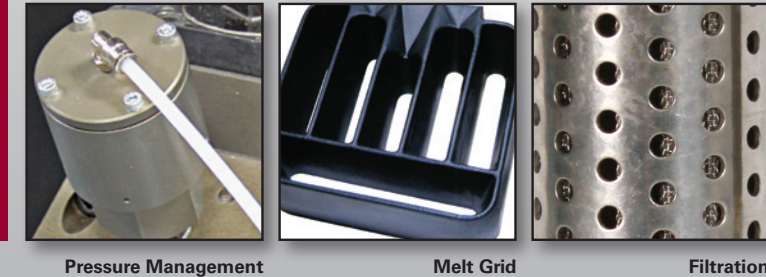
RESOURCE REDUCTION



THE VECTOR PLATFORM

Adhesive Supply Unit

The Vector adhesive supply unit provides the ultimate in reliability and performance to meet the needs of high-demand production lines that require extreme accuracy. It is the first of its kind, with the ability to melt adhesive away from the point of metering, allowing for greatly increased system control.



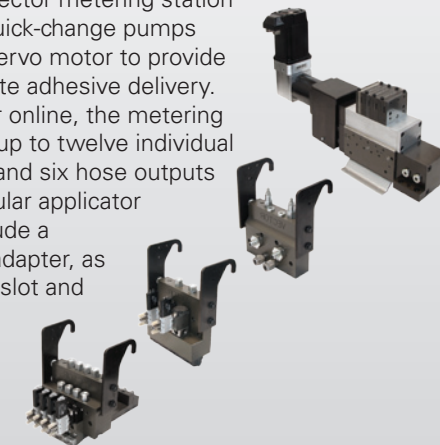
- Industry exclusive piston pump design
- Patented regulating valve maintains constant pressure
- Available in three standard tank sizes
- Large dual filters reduce maintenance times
- Melt-on-demand decreases char & adhesive degradation



MELT

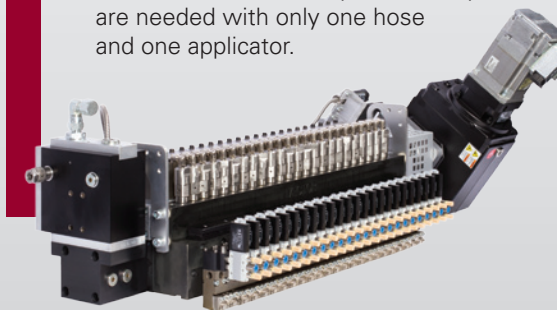
Modular Applicators

The common base for our modular applicators, the Vector metering station utilizes reliable quick-change pumps and a precision servo motor to provide extremely accurate adhesive delivery. Used remotely or online, the metering station supports up to twelve individual metered pumps and six hose outputs per station. Modular applicator attachments include a metered output adapter, as well as precision slot and spray applicators.



Surge Application

Vector Surge is an add-on technology to our original Vector metered application system and the only applicator on the market with the ability to provide precise variable volume capability in line machine direction and cross machine direction. This patented method can apply heavier volumes exactly where they are needed with only one hose and one applicator.



ITW Dynatec Applicators

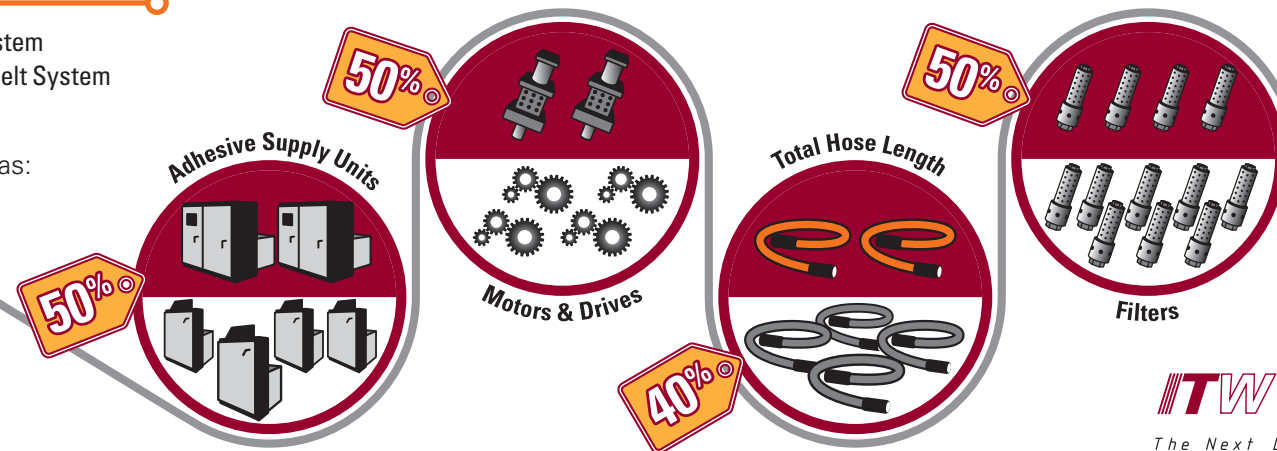
Any of ITW Dynatec's quality applicators can be fed by the Vector Platform to realize the same benefits of its precision control. Our patented line of precision UFD Spray applicators can supply various patterns and are ideal for key parts of the production process such as elastic strand coating. Our APEX line of slot dies are also perfectly suited for large or small contact applications where needed.



DELIVER

Vector Platform System  
Conventional Hot Melt System

Reduce your capital equipment by as much as:



*(Comparisons to current production lines using conventional hot melt equipment)*

