



 **ID TECHNOLOGY®**

**MODEL 252 & 255**

**LABEL PRINTER APPLICATOR**

**L&C**

**LABELING  
& CODING**

One of the things that make the 252 so powerful is the range of application modules that are available.

These included:

- Tamp
- Tamp-Blow
- Corner- Wrap
- Swing-Arm Tamp
- Leading Edge
- Trailing Edge
- Dual Panel
- PowerMerge™
- CrossMerge™
- TiltTouch™

This wide range of applicators ensures that the 252 can be configured for just about any imaginable labeling job.

Note that the application modules featured here are just some of the total that are available.



252RH



CrossMerge™

# MODEL 252 & 255

LABEL PRINTER APPLICATOR

## MODEL 252 INCREASES FLEXIBILITY AND ACCESSIBILITY

Maintenance is easier than ever and all Model 250 application modules are available, making upgrading a snap.

## The Model 252: The Evolution Of The Best-Selling Printer Applicator in the Industry\*

In developing the new Model 252 label printer applicator, the specialists at ID Technology took a deeper look into the needs of their customers and made some discoveries that led to an entirely new approach to their design process.

This Centerline-Modularity™ approach is defined as “the process of removing as many adjustment points from a machine as possible, coupled with hot-swap modules for quick-fault diagnosis and repair, leading to greater uptime and lower running cost.

## The Model 255: Comprehensive Communication for Integration with Packaging Lines.

The 255 is ID Technology’s PLC controlled printer-applicator, designed for integrating into sophisticated packaging lines.

Built using the same modules as the 252, the 255 brings Allen-Bradley controls and enhanced communications to the labeling process, including TCP/IP. The standard controller is the AB Micro850 PLC with CompactLogix available as an option. The 255 is PackML compliant, making it ideal for manufacturers who have adopted this standard. A color touch-screen HMI completes the controls.

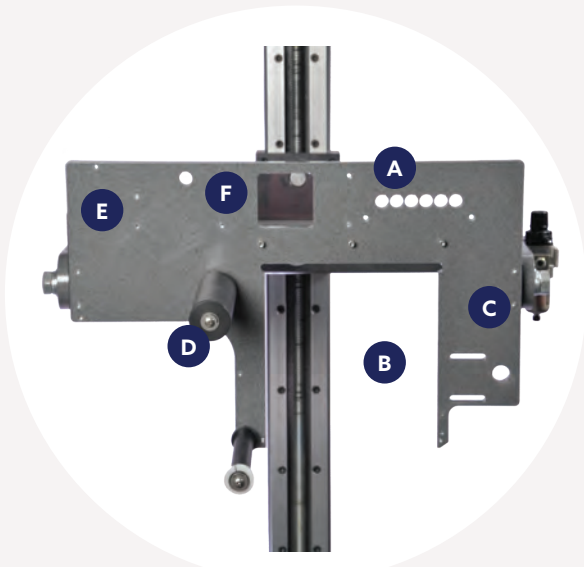
Some of the advantages of 255 include: sophisticated zero-downtime options, fine control of variables for high-speed operation, encoder conveyor tracking for labeling and reject control, input for variable height control and much more.



### TYPICAL PRODUCT SPECIFICATIONS

<b>Print Engines</b>	Choice of Sato, Zebra or Datamax*	<b>Product Sensing</b>	Photoelectric	<b>Applicable Certifications</b>	CE	
<b>Communications</b>	Parallel, RS232, RS422/485, USB, Ethernet*	<b>Label Roll Size</b>	14" (OD) x 3" (ID) - Standard	<b>Upgrades and Options</b>	- Tamp-Jet Upgrade	- Dual-Panel Tamp
<b>Electrical</b>	110 to 240 VAC, 50-60 Hz input power	<b>Label Style</b>	Die cut, waste removed, outside wound, with 1/8" minimum gap in the running direction		- Swing Arm Tamp	- Corner Wrap
<b>Air Requirements</b>	Clean air at 80psi min. to 120psi dependent upon the application method and rate	<b>Standard Label Size</b>	.51" Minimum Width-also print engine and application dependent, 7.1" Maximum Width-Maximum length is application specific		- Service Position Tamp	- Left Hand Configuration
				- Blow-On	- Status Beacon	
				- Low Label Alarm	- System Status Output	
				- Smart Tamp		

\*See print engine data sheet



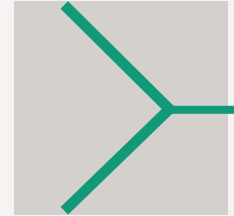
ROBUST FACEPLATE



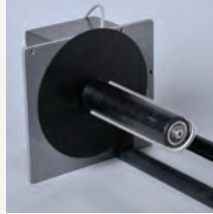
A. PNEUMATICS MODULE



B. PRINT ENGINE MODULE



C. APPLICATION MODULES, ON PAGE 4



D. REWIND MODULE



E. UNWIND MODULE



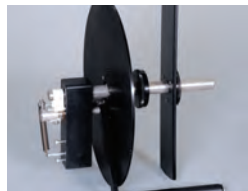
F. ELECTRONICS MODULE

## MODEL 252 FEATURES



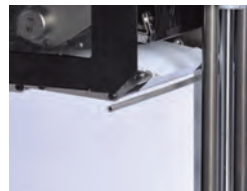
### TOUCH SCREEN INTERFACE

*Touch screen user interface for quick access and more control over important functions.*



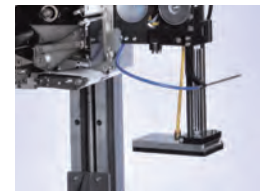
### UNWIND MODULE

*14" Unwind maximizes labels on roll resulting in increased uptime.*



### PLASMA-COATED AIR ASSIST TUBE

*Plasma coating eliminates sticking, ensuring uninterrupted operation.*



### SERVICE-POSITION TAMP MODULE (OPTIONAL)

*Specially hinged and precisely positioned on the base, allowing unobstructed access to media replacement and printhead cleaning.*

## As a Result of the Centerline-Modularity Approach, The Model Takes Uptime to New Levels and Reduces Operating Costs.

### SIMPLICITY

Setting up and operating the Model 252 Printer Applicator is fast and simple.

- Robust faceplate is fabricated for exact positioning and quick installation of application modules
- Easy to integrate PLC's, scales and more
- Touch screen offers improved visibility for more control

### FLEXIBILITY

Regardless of your application or production environment, the Model 252 integrates seamlessly into existing production lines.

- Can be mounted in any orientation - top, bottom or side label application
- Quickly switch between application modules, preserving initial investment
- Can use Sato, Datamax or Zebra Print Engines or Apply-Only Module

### SERVICEABILITY

The Model 252 Printer Applicator features modular design for maximum serviceability.

- Core modules swapped in under five minutes
- Regulators, valves and gauges on all devices
- Service position swing tamp assembly for easy operator access (optional)

### DURABILITY

Model 252 Printer Applicator systems are engineered in the tradition of dependability you've come to expect from ID Technology.

- 1" stainless steel shaft for Unwind module
- Sealed bearings for longer life
- Solid all-metal construction with 1/2" faceplate



### 252 PowerMerge™

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This label applicator module was designed to be used with the 252 and 255 label printer applicators. PowerMerge uses a driven vacuum belt to transfer the label from the print engine to the point of application.



### 252 CrossMerge™

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This label applicator module is the “nose-down” version of the PowerMerge. CrossMerge takes all the benefits of PowerMerge technology and adds unique features that enhances flexibility, especially when applying higher speed & smaller labels.



### 252 TiltTouch™

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This label applicator module is designed to print & apply one or two GS1 compliant barcode labels to shipping cases, trays and shrink-wrapped bundles at higher output speeds than previously possible.



### 252 Tamp

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This label applicator module is the simplest and most common application method. The label is dispensed off of the liner onto a tamp pad and held in place with a Venturi vacuum. The label is applied by pressure of the tamp pad to the product surface. The Tamp Applicator can also be supplied as a TampBlow.



### 252 3Panel

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This label applicator module allows one machine to do the work of three. Apply labels to one, two, or three sides of a box or pallet. A laser type sensor locates the position of the area to be labeled for accurate label placement.



Customers across North America depend on ID Technology to design, build, integrate, and install the most effective product, case, and pallet identification systems for their product lines. ID Technology is a leading provider of labeling, coding, and marking equipment that also supplies quality flexographic, digital, blank, and shell labels in run volumes of any size from numerous regional label converting facilities across North America. ID Technology is a product brand of ProMach, a global leader in packaging line solutions. As part of the ProMach Labeling & Coding business line, ID Technology helps our packaging customers protect their reputation and grow the trust of their consumers. ProMach is performance, and the proof is in every package. Learn more about ID Technology at [www.IDTechnology.com](http://www.IDTechnology.com) and more about ProMach at [www.ProMachBuilt.com](http://www.ProMachBuilt.com).

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