



Applicator/Printer Applicator

Businesses seeking new ways to gain a competitive advantage are discovering how applicators and printer/applicators can increase productivity and reduce costs in their manufacturing and distribution centers.

PEAK Technologies has been providing, installing and servicing applicator systems for over 12 years. In fact, PEAK has the resources and relationships to provide you a single-source solution. What's more, our applicator group is uniquely qualified to prescribe the ideal applicator model for your specific requirements.

Flexible Features

Applicator systems can incorporate many features including sensors, barcode scanners and verifiers to ensure total label accuracy. Printer Applicators can also be networked to work with your ERP system to print high quality barcode text and graphics onto labels, and apply the labels directly to a product, package or pallet. Automating label application provides faster and more accurate label placement, resulting in reduced labor costs and faster production times. In addition, up-to-date and accurate labels, and more consistent label placement make products easier for automated systems to track throughout the entire supply chain.

How to Apply to Everything

The method used to apply labels varies according to the size, shape, material and durability of the product or package. The labels can be applied to the product's top, bottom, or side, adjacent corners, or even wrapped-around corners or cylinders.

Based on your specific application, PEAK can prescribe an applicator solution to handle any of your label application needs. PEAK offers applicators from leading manufacturers in all industry standard application types including blow-on, tamp/blow, tamp, and wipe-on.

Blow-on

With the blow-on method, a label is dispensed onto a vacuumized grid with the adhesive side exposed to the product. The label is held in position until a product is detected activating the application cycle. The vacuum then reverses to air blast the label onto the product. This method is high speed and provides accuracy of within 1/16 of an inch. There is no contact between the applicator and the product and the label can be placed on the side, top or bottom of the product as needed.

Tamp/blow

A tamp/blow machine dispenses the label and advances it on to a vacuumized tamp pad with the adhesive side exposed to the product. Upon a product detection the tamp and manifold are automatically positioned close to the product. The vacuum reverses to air blast the label on to the product without making contact with the product. This method shares the advantages of blow-on applicators such as high-speed application, labeling accuracy, and the ability to apply labels almost anywhere on the product. Tamp/blow applicators also allow labels to be placed in recessed or difficult to access areas and bring the label closer to the product before it is applied, providing the most accurate label placement.

Wipe-on

The wipe-on applicator method dispenses a label with the leading edge flagged. As the product passes, it comes into contact with the labels leading edge and the applicator feeds the label at a speed consistent with product speed. A wiper bar assures the label is completely affixed. In some cases, the label is pre-dispensed onto a vacuumized belt to achieve accurate placement onto difficult product surfaces. The advantages of the wipe-on method include high speed accurate label application, and the ability to place labels on the side, bottom, or top of the product.



Applicator Integration

PEAK provides expert assistance in the physical integration of the applicator into your environment.

- **Existing Conveyor**

Applicators are often integrated into an environment with an existing conveyor. In these settings, PEAK provides "T", "H", and custom applicator support stands on locking casters for mobility. The stand is typically placed next to the conveyor and provides proper applicator position for accurate product labeling.

- **Customized**

In many applications, a standard label applicator will not fully satisfy the needs of the labeling application. In these cases PEAK can provide customized label applicators to produce optimum results in even the most difficult applications.

Other custom configurations PEAK offers include:

- Support stand modification
- Specialized tamp pads to match size of label and extend into recessed areas
- 10" Oversize applicators for wider labels
- Quick change tamp and manifold for changing label sizes
- 20" O.D. and remote powered unwinds for less down time
- Snorkels for fitting or reaching into restricted areas
- Secondary impression wheels for increased label adhesion
- Wrap stations for cylindrical products
- Complete labeling systems with product handling

RFID

As an experienced leader in providing enterprise solutions, PEAK continues to remain at the forefront of the emerging RFID field with a full selection of RFID solutions and unmatched services and support to help enable your applications. PEAK has successfully implemented RFID applicators at leading consumer goods companies, and is conducting multiple pilot programs to continue developing expertise specifically in RFID applicators and printer applicators.

As RFID technology emerges as a strong solution set for distribution and warehouse management, PEAK works with leading vendors in developing the best methods to meet RFID labeling compliance. Combining RFID smart label printing technology with automatic label application provides the ultimate RFID smart label solution. This solution delivers fast, accurate, and cost-effective encoding, printing and label application to manufacturers with specific requirements.

PEAK is uniquely equipped to deliver single source RFID solutions. With eight years' experience in RFID technology, labels and pilot programs, we offer the real-world experience and leading edge technology needed for RFID compliance.

As a total RFID, print & apply, encode & apply solutions provider, PEAK offers a full array of technology options that can help you reduce cost, improve operational efficiencies and reduce downtime.



CTM Automatic Pail Labeler



CTM 3600 PA Printer Applicator

PEAK Systems Integration

PEAK Technologies' experience, expertise, and resources provide unsurpassed strategic systems integration services for your barcode data collection and printing needs, including complete printer/printer applicator solutions. Our team of expert project managers, systems engineers, and printer applicator specialists will tailor a printer applicator system specifically to your industry, application, budget and business goals.

Manufacturers Supported

PEAK offers Applicator hardware from the industry's top manufacturers, including CTM and others.

CTM Applicators

CTM's capacity to manufacture labeling equipment is unsurpassed. They have extensive in-house engineering capabilities that can fulfill custom applications with modified versions of their strong base line of applicators. CTM's internally controlled manufacturing process and extensive modern machining capabilities provide vast manufacturing abilities and some of the best lead times in the industry.

All recommended spare parts are readily available and custom parts can be quickly manufactured without extensive delays. In addition, CTM leads the industry in the design and manufacturing of custom product handling systems.

PEAK Technologies offers a variety of CTM applicators, including:

- **CTM 360 Series Apply Only Applicators**

CTM 360 Series Labeling Applicators are six applicators in one. This rugged, versatile applicator is loaded with standard features that are optional on most other applicators. The 360 Series Applicator has interchangeable applicator modules that can be configured as a blow on, wipe-on, or tamp applicator. Each module can also be easily switched from right hand to left hand dispensing mode, with minimal additional parts required.

What's more, CTM 360 Series Applicators are equipped with state-of-the-art electronics featuring dual microprocessor control resulting in faster labeling response times and improved label application accuracy.

- **CTM 3600 Series Print and Apply Applicators**

The 3600-PA Printer Applicator is a high speed, thermal transfer labeler used to print and apply pressure sensitive labels to various products. A Sato or Zebra print engine is integrated into an applicator to form a self-contained unit to print variable data onto a label. The 3600 can be mounted in almost any position to apply labels to the top, side or bottom of various products. The 3600 series is rugged and versatile making it a wise choice for standard and custom applications. With interchangeable printer modules, a 203 or 305 dpi print resolution and built in bar codes and alphanumeric fonts, the 3600 is easily integrated into many print and apply operations. What's more, the 3600 offers a user-friendly operator interface with easy-to read LCD display and quick access to set-up parameters.





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PEAK Consumables

The right consumables are vital to the performance of your applicator system. And only PEAK has a nationwide team of experts focused exclusively on matching the right consumables to each customer's applications. From warehousing to manufacturing, shipping and compliance labels or pharmaceutical labels; in a clean stock room or in a harsh environment with long-range scanning or temperature extremes, PEAK delivers a label solution that's precisely right for your application.

We offer pre-purchase matching and testing, printhead replacement programs, our own line of PEAK Performance Ribbons, as well as the industry's most comprehensive range of stock and custom labels.



Label, Tag & Printer Integration Software

From RFID to compliance labeling to enterprise-wide and stand-alone printing, PEAK offers proven software solutions for virtually every printing application. PEAK labeling software lets you design and print professional bar code labels, quickly and easily. Our printer integration software lets you access and automatically print labels from virtually any database. PEAK printer integration maximizes the performance of your new printers and can extend the life of your legacy systems to achieve maximum ROI on existing hardware and software.

PEAK Service

PEAK is one of North America's largest printer maintenance organizations. With more than 300 dedicated service personnel, PEAK offers nationwide coverage, manufacturer-certified technicians and an unsurpassed level of support. From telephone support to complete onsite installation and maintenance, PEAK has a service-level offering to meet your needs.

For more information on PEAK Printer/Applicators, as well as PEAK's entire range of products and services, visit us on the web at www.peaktech.com.



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