The New Standard In Print-And-Apply Labeling.

PARAGON™
LABELING SYSTEMS

"Paragon is the best-in-class for versatility, ease-of-use and quality."

Modular design

The PARAGON system features a unique modular design that couples your choice of high-quality print engine modules to one of several label applicator modules through a rugged chassis. Modularity results in better quality control, simplified ordering with shorter lead time, simplified maintenance and assured compatibility with future technologies. The PARAGON print-and-apply system is easy to set up, simple to operate and extremely reliable.

Easy integration

The PARAGON system's compact modular design fits into any operation without taking up a lot of valuable space. It is compatible with ThinNet and 10 Base-T networks and is easily integrated into any automated packaging line. Or, it can be set up as a transportable stand-alone labeling operation. Most popular labeling software, including Label View,® Easy Label,® Label Matrix® and Bar One,® can be used for label set-up, design and download to the PARAGON system.

Engineering excellence

The PARAGON system is engineered for durable, extended operation in a manufacturing environment. Only premium-quality materials are specified and the workmanship is precise. Every system is built to exacting standards and subjected to Marprint's tough quality and performance standards to ensure exceptional long-term reliability. PARAGON is registered with leading agencies such as ETL (UL Standards), CE and CSA as further quality and safety assurance.

Versatile and flexible

A PARAGON system can label most anything - from small, delicate packaging to shipping cases and pallets. It can print-and-apply most any size label and can easily perform sequential numbering, time/date imprinting, lot numbering, expiration dating, and more. The system permits stacking of many different jobs for continuous operation, yet allows special jobs to be inserted into the run. For precise compliance labeling, the PARAGON system's versatility, label placement accuracy, and crisp thermal/thermal transfer printing quality means penalty-free performance. Changeover to different label information and sizes is fast and easy. The system even rotates 360 degrees for operation in any position. And the operators learning curve is minimal.

T he PARAGON print-and-apply system is today's quality and cost-effective solution for labeling products, cartons, cases and pallets. This innovative print-and-apply system produces high quality labels "on-demand" and applies them automatically in a single, easy operation. Because you don't have to inventory preprinted labels, you'll eliminate the cost of obsolete labels. Expanding on "next-off" technology, PARAGON uses every label, eliminating label waste. And if you're now using hand-applied labels, you can save dramatically on labor costs while improving quality, appearance and productivity. From its attractive purchase price to its rugged and precision engineering, the PARAGON system has set a new standard in print-and-apply labeling. Read on...and DISCOVER THE PARAGON DIFFERENCE.

Print Engines and Labels

Datamax®

Sato

Zebra®

Print engines

The PARAGON system gives you a choice of three print engines to ensure a perfect match with your own production environment. Proven print engines from SATO, ZEBRA and DATAMAX provide the high-quality 203 d.p.i. or 300 d.p.i. thermal printing that's so important for positive bar code scanability and attractive appearance. All three print engines feature a user-friendly touch-pad operator interface and are designed to mount to the PARAGON system chassis with plug-and-play simplicity.

Pre-printed and blank labels

The PARAGON system is from Marprint, Inc., a labeling leader since 1974. Marprint's commitment to quality labeling solutions isn't limited to equipment. Our distributors can also provide quality labels and thermal transfer ribbons for use with the PARAGON system. Competitively-priced blank labels allow you to print the entire label with the PARAGON system. Or, custom labels can be pre-printed and/or flood-coated to include a colorful logo and artwork for on-demand printing of the variable label information with the PARAGON.

Penalty-free compliance labeling–these and more...

The PARAGON system is the easy and affordable solution for producing compliance labels that won't be rejected.

NLEA Ingredient/ Nutrition Facts Panel

EIA/Electronics Shipping Label

AIAG B10-Automotive Shipping Label
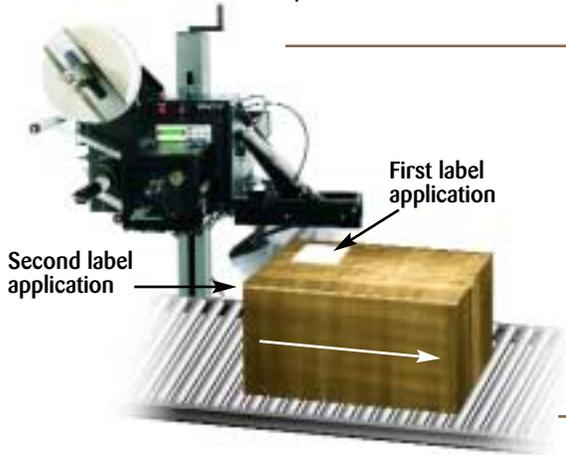
SCC-14 Retail Shipping Label

Applicators

Standard Tamp

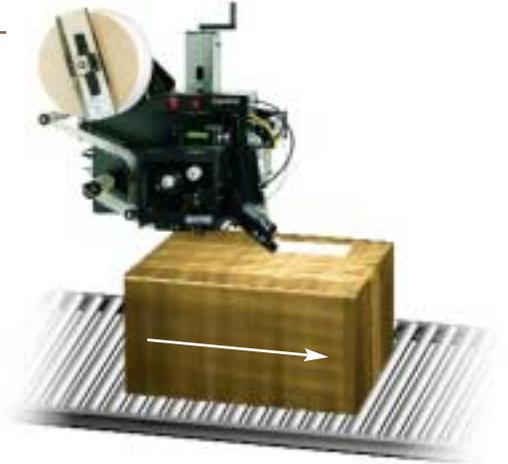**Typical Applications:** Cases, cartons and packaged goods.

Operation: A label is printed and dispensed onto a vacuum pad. When the product is detected, the air cylinder engages, causing the pad to come in momentary contact with the product to apply the label. The air cylinder then retracts and the next label is dispensed onto the pad.

First label application

Second label application

Dual Tamp

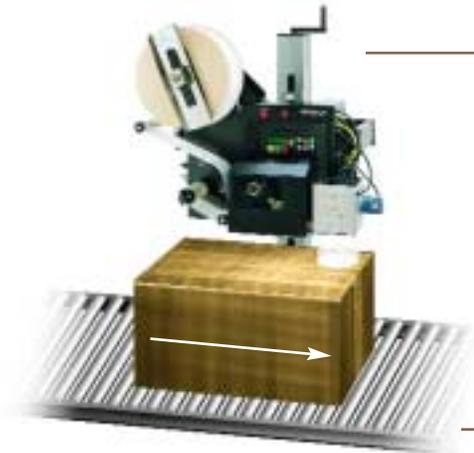**Typical Applications:** Pallets, cases and cartons.

Operation: A label is printed and dispensed onto a hinged vacuum grid. When the product is detected, the air cylinder causes the grid to move forward at the opposite end of the hinge point into the path of the moving product where it tamps the label onto the substrate. The air cylinder then retracts and a duplicate label is dispensed onto the grid. As the product continues forward, the second label is applied to an adjacent surface.

Roll-On

Typical Applications: Cases, cartons, and packaged goods… well suited for long, skinny labels.

Operation: A label is printed and dispensed to a hinged vacuum grid. When the product is detected, the air cylinder causes the hinge point to move forward where the application roller presses the leading edge of the label against the surface. As the product continues past the applicator, the rest of the label is rolled onto the surface.
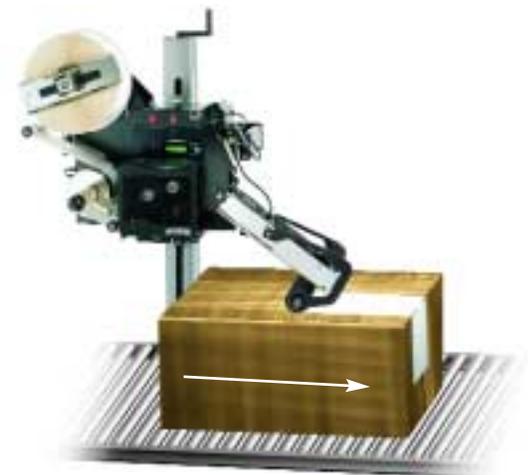
Vacuum Blow

Typical Applications: Irregular and/or fragile products… packaged goods, cases and cartons.

Operation: A label is printed and dispensed onto a vacuum grid. When the product is detected, a valve opens momentarily and a precise burst of air accurately "blows" the pressure-sensitive label onto the product without impact or damage.

Corner Wrap

Typical Applications: Cases and cartons.

Operation: The product is detected as it travels along a conveyor, causing a label to be printed and dispensed onto a 90-degree vacuum grid positioned in the path of the product. The product contacts the applicator and, as the product continues to move forward, the applicator rolls around the corner to apply the rest of the label to the side surface.

Paragon Specifications

Print Method:	Direct thermal and thermal transfer
Media Supply:	12" (305mm) maximum outside diameter on 3" (76mm) standard core
Media Rewind:	Roll to roll with full carrier rewind capacity
Low Media Supply Sensing:	Standard detection and signal output when label and ribbon supplies are low or print interruption occurs; optional light pole signals low supply warning
Print Engine:	Bolt compatibility and plug and play modularity with all print engines manufactured by Sato America, Inc., Zebra Technologies, Inc., and Datamax Corporation
Product Detect Sensor:	Standard photo-electric product sensor; operator adjustable delay between product detect and label application
Product Labeling Accuracy:	Up to 1/32" with consistent labels and controlled carton handling
Air Requirements:	60-80 PSI, 2cfm, clean, dry, non-oiled
Power Source:	115, 230 VAC, 50/60 Hz
Operating Temperature:	40º F to 100º (4º C to 38º)
Humidity:	10% to 95%, non-condensing
Machine Construction:	Heavy gauge formed steel chassis
Dimensions:	26" L x 24" H x 15" D (660mmL x 610mmH x 381 mmD) or 26" L x24" H x 17" D (660mmL x 610mmH x 432mmD) depending on print engine
Weight:	80 lbs. (35.7kg) to 87 lbs.(38.8kg) depending on print engine

Paragon Options

T- Base Stand: Vertical, all-thread hand crank, maximum 78" (198cm) height adjustment

Warning Light Pole: Alerts operator when media levels are low or print engine failure

	Label Width	Label Length*	Accuracy**	Speed*	Typical Applications	Labeling Configurations
Standard Tamp	1" Min. (25mm) to 6" max (152mm)	.5" Min. (13mm) to 6" max (152 mm)	Up to +/- .031" (.79mm)	Up to 70 ppm dependent on print engine, label, size and stroke length	Cases, cartons and packaged goods	Top, bottom or side panels
Dual Tamp	2" Min. (51mm) to 7" max (178mm)	2" Min. (51mm) to 6" max (152mm)	Up to +/- .031" (.79mm)	Up to 20 ppm dependent on print engine, label, size and length of applicator swing arm	Pallets, cases and cartons	Custom-selectable as a leading and adjacent panel application; or, a following and adjacent panel.
Roll-on	1" Min. (25mm) to 7" max (178mm)	4" Min. (102mm) to 14" max (356mm)	Up to +/- .031" (.79mm)	Up to 60 ppm dependent on print engine, label, size and length of applicator swing arm	Cases, cartons and packaged goods… well suited for long skinny labels	Top, bottom or side panels
Corner Wrap	3" Min. (76mm) to 7" max (178mm)	8" Min. (204mm) to 14" max (356mm)	Up to +/- .031" (.79mm)	Up to 15 ppm dependent on print engine and label size	Cases and cartons	Leading and adjacent panels
Vacuum Blow	1" Min. (25mm) to 4" max (102mm)	.75" Min. (19mm) to 1" max (25mm)	Up to +/- .031" (.79mm)	Up to 75 ppm dependent on print engine and label size	Irregular and/or fragile products… packaged goods, cases and cartons	Top, bottom or side panels

* Dependent upon Print Engine (Datamax, Sato, and Zebra)
** Dependent upon Product Handling

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