

PLS500 Automated Labeling

PARAGON LABELING
Continuing the Legacy



At Paragon Labeling Systems, we are committed to providing the most cost effective label application solutions available. Our PLS500 labeling systems are the most advanced labeling systems on the market today. These highly modular systems offer unparalleled configuration choices. They have the ability to be configured as either preprinted label applicators or print and apply labeling systems. They can also be configured as stand-alone systems without the need to be connected to a PC or network. These systems employ a modular and flexible design that allows you to reconfigure your labeling system as your needs evolve without needing to buy a whole new system. Based on an Allen Bradley PLC with a color touch screen interface, the PLS500 system is a feature rich system used to print and then immediately apply labels to products, cartons, cases, pallets, and totes. This system gives you unparalleled control and integration capabilities.

Print engines from Zebra Technologies, Sato America, Datamax or Intermec are available, allowing the most demanding labeling requirements to be met. With a full line of field interchangeable application modules, the PLS500 can label in virtually any orientation. For those less demanding applications, you can start with a lower speed print system, and later upgrade to a full-featured OEM print engine.

With a plate aluminum chassis, Allen Bradley PLC controller, and remote mount interface with a color touch screen, this robust system delivers an unparalleled value proposition with many standard features that are only options on other systems. And the advanced interface features allow for control like never before. With the most advanced standard features on the market, the PLS500 provides customers with the knowledge that their labeling needs are being met today and into the future.



SPEEDY



ACCURATE



DURABLE

*See reverse
for product specifications.*

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1607 9th Street
White Bear Lake, MN 55110

Call Now or Log on For More Information

800-429-7722

www.paragonlabeling.com

TECHNICAL SPECIFICATIONS

- Allen Bradley PLC controlled
- Remote mount interface
- Allen Bradley Ethernet/IP interface
- Color touch screen display with operational status background (Green, Yellow, Red)
- Vacuum System Back-Flush
- Swing-Away applicator mounts
- Prewired peripheral connection points
- 100 Built-In label location "Recipes"
- 4-Level password protection of all settings
- Built-In diagnostic tools
- Error Logging with timestamp
- Print speed from 2" -16"/second (print engine dependant)
- Print density from 200 to 600 dot per inch (DPI) (print engine dependant)
- Serial, Parallel, Ethernet, USB or Wireless interfaces available
- Accurate to +/- 1/64"
- Plate aluminum construction
- Fully enclosed chassis
- Pressurized cabinet
- Dual label sensing

LABEL SPECIFICATIONS

	<i>Min</i>	<i>Max</i>
Label Width	.5" (12.7mm)	7.1" (180 mm)
Label Length	.5" (12.7mm)	18" (457.2mm)
Roll Size	3" ID	12" OD

AIR REQUIREMENTS

- 30-80 PSI (application dependant)
- Clean, dry, non-oiled
- Air not required for wipe (merge) label applications

POWER

115 VAC, 6 Amp

DIMENSIONS

- 24" (610 mm) wide x 24" (610 mm) tall x 18" (457 mm) deep
- Applicator module not included above



Weight

90lbs

OPERATING ENVIRONMENT (Print Engine Dependent)

	<i>Min</i>	<i>Max</i>
Temp	40°	90°
Humidity (non-condensing)	20%	90%

APPLICATOR MODULES

- Wipe (merge)
- Tamp
- Dual Panel Tamp
- Corner Wrap
- Blow
- Tamp-Blow
- Smart-Tamp
- Pneumatic Roll-On

ADDITIONAL OPTIONS

- Label recall with alpha-numeric data entry from the Paragon HMI
- Mounting stand (many to choose from)
- Product detection sensors (many to choose from)
- 3-Color warning beacon
- Label On Tamp Pad sensor
- Scanner interface
- Applicator "Home" sensor
- "Quick-Change" tamp pads for multiple label sizes
- 16 Point user configurable I/O
- Dual label application sensing
- Basic product handling