

PLS400 PLUS SERIES

Automated Labeling Solutions
Decorative Labeling
Print and Apply
RFID



At Paragon Labeling Systems, we are committed to providing labeling solutions with the best value proposition available. Our PLS400 series of labeling systems present 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 PLS400 Plus system is a feature rich system. They have the ability to be configured as either preprinted label applicators or print and apply labeling systems. Print engines from Zebra, Sato, or Datamax are available, allowing the most demanding labeling requirements to be met. With a full line of field interchangeable application modules, the PLS400 Plus can label in virtually any orientation.

With its plate aluminum chassis, PLC controller and remote mount interface, this robust system delivers an unparalleled value proposition with many standard features that are only options on other systems. The peel-tip label gap sensor coupled with a highly accurate stepper drive ensures precise label placement every time. With more standard features than similar products, the PLS400 Plus provides customers with the knowledge that their labeling needs are being met today and into the future.

PARAGON LABELING



SPEEDY



ACCURATE



DURABLE

See reverse
for product specifications.



DARTRONICS, INC.

PACKAGING AUTOMATION SPECIALISTS



150 WILLIAM ST. PERTH AMBOY, NJ 08861 / TOLL FREE: 800-298-8936 / PHONE: 732-324-0800 / FAX: 732-324-4488

WWW.DARTRONICS.COM

[YOUTUBE](#) / [DARTRONICS](#)

THE SINGLE SOURCE FOR YOUR

END-OF-LINE

PACKAGING, MARKING AND CODING NEEDS

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)
- 100 built-in label location "Recipes"
- 4-level password protection of all settings
- On-screen troubleshooting and diagnostic tools
- Error logging with timestamp
- Print speed from 2"-16"/second at 200 to 600 dot per inch (DPI) (print engine dependent)
- Accurate to +/- 1/64"
- Plate aluminum construction (durable and robust)
- Fully enclosed chassis (protects print engine)
- Pressurized cabinet (keeps out debris)

LABEL SPECIFICATIONS

	Min	Max
Label Width	.5" (12.7mm)	7.1" (180 mm)
Label Length	.5" (12.7mm)	18" (457.2mm)
Roll Size	3" ID	12.25" OD

AIR REQUIREMENTS

- 30-80 PSI at 2 CFM (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 22" (610 mm) tall x 15" (381 mm) deep
- Applicator module not included above

All Systems Go



Supplies Are Low



System Failure



Weight

80 lbs.

OPERATING ENVIRONMENT (Print Engine Dependant)

	Min	Max
Temp	40°	95°
Humidity (non-condensing)	20%	95%

APPLICATOR MODULES

- Wipe (merge)
- Tamp
- Dual panel tamp
- Corner wrap
- Blow
- Tamp-blow
- Smart-tamp
- Pneumatic roll-on

ADDITIONAL OPTIONS

- Can be configured for decorative labeling, print and apply, or RFID
- Conversion to preprinted label applicator
- Mounting stand (multiple configurations)
- Product detection sensors (wide variety)
- 3-color warning beacon (audible tone available)
- Dual label application sensing
- Basic conveyors and product handling solutions