

# PLS420

Automated Labeling

## PLUS

**PARAGON LABELING**  
*Continuing the Legacy*



At Paragon Labeling Systems, we are committed to providing the most cost effective label application solutions 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 PLS420 Plus system is a feature rich system use to print and then immediately apply labels to products, cartons, cases, pallets, and totes. 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 PLS420 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 PLS420 Plus 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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800-922-9142

## 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
- 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

## 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 22" (610 mm) tall x 15" (381 mm) deep
- Applicator module not included above



## Weight

80lbs

## OPERATING ENVIRONMENT (Print Engine Dependant)

	<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

- Conversion to preprinted label applicator
- Mounting stand (many to choose from)
- Product detection sensors (many to choose from)
- 3-Color warning beacon (audible tone available)
- Dual label application sensing
- Basic product handling