

# PLS-100



***The original "AccuSpeed" apply-only label applicator designed for speed, accuracy and flexibility***

**T**he PLS-100 is a dedicated solution for quickly and accurately applying pre-printed labels to most any product, carton, case, tote, or pallet. The PLS-100 is reliable, powerful and versatile. Compared to higher cost label applicators, the PLS-100 offers more standard features, high performance, proven engineering, built-in reliability, and greater total value.

Plus, with Paragon's innovative modular design, a variety of applicator modules can be used to ensure that the PLS-100 continues to meet your needs as your pre-printed labeling needs change.

Standard features include:

- Speeds to 18 IPS (inches per second)
- $\pm 1/16"$  (1.58mm) accuracy
- Built in counters
- On-board diagnostics
- Peel-tip gap sensing with "teach" eye
- PLC electronic controls
- Programmable backlit display
- Stepper motor drive
- Low label sensing
- 14" OD label supply with auto-rewind
- 1/2" plate aluminum construction

**PARAGON™**  
LABELING SYSTEMS

**Modularity. Integration. Performance.**







# PLS-100 specifications

<b>Label Size:</b>	.5" x .5" minimum, 5" x 18" maximum
<b>Media Supply:</b>	14" (356mm) maximum outside diameter on 3" (76mm) standard core
<b>Media Rewind:</b>	Roll-to-roll with full carrier rewind capacity
<b>Low Media Supply Sensing:</b>	Standard detection and signal output when label supply is low
<b>Product Detect Sensor:</b>	Standard photo electric product sensor; operator-adjustable delay between product detect and label application
<b>Product Labeling Accuracy:</b>	Up to 1/16" with consistent labels and controlled carton handling
<b>Air Requirements:</b>	30-80 PSI, 2cfm, clean, dry, non-oiled. No air required when configured as a wipe unit.
<b>Power Source:</b>	115, 230 VAC, 60/50 Hz
<b>Operating Temperature:</b>	40° F to 100° (4° C to 38°)
<b>Humidity:</b>	10% to 95%, non-condensing
<b>Machine Construction:</b>	1/2 plate aluminum
<b>Dimensions:</b>	18" L x 21" H x 11" D; 457mm L x 533mm H x 279mm D
<b>Weight:</b>	40 lbs. without stand
<b>Controls:</b>	PLC controlled
<b>Display:</b>	Backlit programmable display
<b>Peel Tip Sensing:</b>	Auto teach eye



Easy access PLC controls

<b>Options:</b>	Warning light pole signals low supply T-Base stand: many styles available
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Applicator Module	Label Width	Label Length	Accuracy*	Speed**	Typical Applications	Labeling Configurations
<b>Tamp</b> 	.5" min. (13mm) to 5" max. (128mm)	.25" min. (6mm) to 12" max (306mm)	Up to +/- 1/16" (1.58mm)	Up to 120 ppm dependent on label size and stroke length	Cases, cartons, and packaged goods	Top, bottom, or side panels
<b>Dual Tamp</b> 	2" min. (51mm) to 5" max. (128mm)	2" min. (51mm) to 8.5" max (217mm)	Up to +/- 1/16" (1.58mm)	Up to 20 ppm dependent on label size and length of applicator swing arm	Pallets, cases, and cartons	Custom-selectable as a leading and adjacent panel application; or, a side and rear panel
<b>Roll On</b> 	.5" min. (13mm) to 5" max. (459mm)	4" min. (102mm) to 14" max (357mm)	Up to +/- 1/16" (1.58mm)	Up to 100 ppm dependent on label size and length of applicator swing arm	Cases, cartons, and packaged goods; well suited for long skinny labels	Top, bottom, or side panels
<b>Corner Wrap</b> 	.5" min. (51mm) to 5" max. (128mm)	6" min. (153mm) to 16" max (408mm)	Up to +/- 1/16" (1.58mm)	Up to 30 ppm dependent on label size	Cases and cartons	Leading and adjacent panels
<b>Vacuum Blow</b> 	.5" min. (13mm) to 5" max. (128mm)	.5" min. (13mm) to 4.5" max (115mm)	Up to +/- 3/32" (2.37mm)	Up to 120 ppm dependent on label size	Irregular and/or fragile products, packaged goods, cases, and cartons	Top, bottom, or side panels
<b>Wipe On</b> 	.5" min. (13mm) to 5" max. (128mm)	.5" min. (13mm) to 12" max (306mm)	Up to +/- 1/16" (1.58mm)	Up to 120 ppm dependent on label size	Irregular and/or fragile products, packaged goods, cases, and cartons	Top, bottom, or side panels

\*Dependent upon product handling and uniformity  
\*\*Dependent upon label size

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