PLS-100

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

The 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)
- ± 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

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

Easy access PLC controls

Options:	Warning light pole signals low supply
	T-Base stand: many styles available

Applicator Module	Label Width	Label Length	Accuracy*	Speed**	Typical Applications	Labeling Configurations
Tamp	.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
Dual Tamp	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
Roll On	.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
Corner Wrap	.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
Vacuum Blow	.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
Wipe On	.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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