

PLS-500 series



The Most Advanced Automated Labeling Solution Available Today!

Designed to maximize productivity, the Paragon PLS-500 series of systems offer the ultimate in quality, easy integrated and cost effective solutions. The robust plate aluminum designs use "off-the-shelf" components where ever possible. Whether you are labeling products, primary packages, cartons, cases or pallets, the PLS-500 can be configured to meet your present and future needs.

Superior Features

- Allen Bradley PLC
- User Configurable I/O
- Color Touch Screen
- Built-In Diagnostics
- Suggested Maintenance
- Sealed for Life Bearings
- Multiple Counters
- Stored Error Logging
- And Many, Many More
- 100 Programmable Recipes
- Real Time Production Data
- Password Protection
- Break Away Applicator Mounts
- Standard Flashing Alarms
- Remote Mount HMI
- Label Format Recall
- On-Screen Troubleshooting

Superior Modularity

While others talk about modularity, Paragon allows you to configure your system from a variety of modules. With our wide array of applicator modules and the use of all OEM print engines, you can configure your system for:

- Entry Level Print and Apply
- Full Feature Print & Apply
- Decorative Labeling
- RFID Labeling
- Completely Integrated System

Paragon Labeling Systems ensures the highest value for your investment. You can benefit from converging technologies and future technologies, increasing the productivity of your operations with fast and accurate data anytime, anywhere! To learn how Paragon's PLS 500 can improve the operations at your organization please contact (800) 429-7722.

PARAGON
LABELING SYSTEMS



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PLS-500 specifications

Print Method:	Direct thermal and thermal transfer
Media Supply:	12" (306mm) 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
Print Engines:	Datamax O'Neil, Intermec, Sato America, Inc., & Zebra Technologies
Product Labeling Accuracy:	Up to 1/32" with consistent labels and controlled product handling
Air Requirements:	40-60 PSI, 2-6cfm (dependent upon applicator), clean, dry, non-oiled
Power Source:	115, 230 VAC, 50/60 Hz
Operating Temperature:	40°F to 100° (4°C to 38°)
Humidity:	10% to 95%, non-condensing
Machine Construction:	Full box, plate aluminum chassis
Dimensions (Chassis):	26" L x 23" H x 19" D
Weight:	80 lbs (35.7 kg) to 87 lbs (38.8 kg) depending on print engine

Options:

- 3-Color Stack Light (Red, Yellow, Green)
- T-Base stand: many types available
- Product detect sensors (many to choose from)
- Applicator Home Sensor
- Cycle Complete Output
- Label On Pad Detection
- Floating Tamp Pad (for non-uniform products)
- 16 Point Hard Wire I/O connection
- Machine E-Stop
- Label Data Recall
- Vacuum System Back Flush
- Custom Integration

Features	Benefits
Allen Bradley PLC Controller	Easily interfaces to your other factory operations via A/B Ethernet / IP
User configurable I/O points	Allow you to customize your standard system
Color Touch Screen Interface	Easy to navigate from one screen to the next
	Flashing alarms / alerts with audible tone included
	4-level password protection of each screen
Remote Mount HMI	Allows convenient location regardless of machine orientation
Real Time Operational Data	Allows you to monitor and track system operation for peak performance
Plate Aluminum box construction	Full plate box construction provides better robustness & printer protection than plain deck plate designs. The powder coat finish and all stainless fasteners allow it to perform in even the most rigorous conditions.
Split Back-Cover Design	Separate access panels for mechanical and electrical adjustments
Sealed for Life Bearings	Improved wear characteristics and reduced maintenance
Completely Modular Design	Modular Air-logic Package provided discreet control and gauges for all air functions
Break-Away Applicators	Allows way for easy system loading and cleaning
Ambidextrous design	System can be easily converted for either hand (excluding print engine)
UL / CE Compliant	All electrical components conform to current UL/ CE standards
100 Programmable Recipes	Allows the storage of labeling parameters for fast product changeovers
Power & Air Conservation	User selectable timeframe for motor and air "sleep" mode
All printer signals utilized	Allows you to monitor and maximize printer performance
Built in Counters	Resettable Batch / Shift Counter, life count and resettable component life
Recommended Maintenance	Based on cycle count, material run tracking to suggest preventive maintenance
On-Board Troubleshooting and Diagnostics	Allows easy troubleshooting with recommended repair action via the color HMI
Error Logging	Stores error conditions with a time stamp for downtime verification
Program Upgrades	Upgraded or custom programs can be delivered and stored via E-prom