



## A fully automatic labeler for round containers

*with exceptional speed, flexibility and dependability*

### **FLEXIBLE DESIGN**

The PL-501-NL is designed to apply pressure-sensitive labels to round containers. The machine was created to have one machine label both the body and neck for the food and beverage industries, with an optional two body front and back label. The machine's speed adjusts according to your container's surface.

### **SIMPLE TO USE**

Machine adjustments and changeovers are quick and simple, thanks to the PL-501-NL's easy-to-operate features. The built-in operating instructions, memory preset and troubleshooting guide offered on the operator interface make it easy to use the PL-501-NL. Hand wheels provide for simple adjustments, enable quick set-up and easy changeover.

### **EASY TO MAINTAIN**

The PL-501-NL is made of 304 stainless steel and anodized aluminum and carefully treated to guard against the effects of harsher environments. This durability translates into a solid choice for labeling machine longevity. In strict compliance with Good Manufacturing Practices (GMP) standards, the PL-501-NL is dependable, reliable and easy to maintain.



Products labeled with the PL-501-NL  
*shown with customer permission*

# PL-501-NL Specifications

## LABEL TYPES

Wrap Around,  
Neck and Body Labeler

## SPEED

**Maximum Dispensing Speed:**  
131.2'/min (40m/min)

**Maximum Conveyor Speed:**  
72.2'/min (22m/min)  
\*optional customization

## DIMENSIONS

**Dimensions L-W- H:**  
118" x 51" x 54"  
(2997mm x 1295mm x 1371mm)

**Maximum Label Size:**  
6" x 11.8" (H 152mm x L 300mm)

**Maximum Container Width:**  
4" (101mm)

**Maximum Container Height:**  
6" (152mm)

**Conveyor Belt Width:**  
4" (101mm)

**Spool Diameter:** 14" (356mm)  
**Inner Core:** 3" (76mm)

## POWER

**Voltage:** 110/220 VAC 50/60 HZ  
1 Phase

**Power in KW:** .760

**Drive:** Stepper Motor

## NET WEIGHT

Approx 580 lbs (263 kgs)

## CONVEYOR HEIGHT

34-44" (863-1117mm)

## Flexibility

- The PL-501NL modular design allows for easy machine conversion and customization. The machine's standard one-touch screen and label sensors make it simple to adjust for beer bottles and other various applications. And, with the manual position setting, your labels are placed accurately on the product, each and every time.
- Future upgrades are simple. Thanks to the PL-501-NL's thermal or hot foil printer controls, you can easily incorporate a printer if the need should arise. This integrated feature lets printers work in sync with the labeler to ensure accurate code placement. The result? Easy label customization you can turn on or off.
- Depending on your needs, this machine can be used for in-line automatic or semi-automatic applications.

## Productivity

- A production preset function means the machine automatically stops once the predetermined quantity of products has been labeled.
- The label count feature lets you precisely track progress at any point during the production run.
- The container/production run counter lets you see the exact production number for the day.
- The PL-501-NL features a touchscreen control system with job memory. So, even after the machine sits idle for long periods, you benefit from a battery-free microprocessor control system that stores default settings. Up to 30 settings can be stored for future use, so you don't have to waste time re-entering the necessary information.

## Accuracy

- With one pass the machine will apply a body and neck label.
- The PL-501-NL's controls are fully synchronized, ensuring that all components run at the same speed.
- With the extended wrap station, the machine maintains control of the bottle to make sure body and neck are correctly aligned.

- By essentially counting the "steps" necessary to reach the next label, the PL-501-NL's stepper motors ensure fast, accurate label delivery.

## Efficiency

- The auto label-set feature confirms label sensitivity by detecting the separation between each label. With one push of a button, labeling is set up – and positioned correctly.
- The missing label-detect feature locates missing labels on the roll stock, and instantly shuts off the machine if one is found. This preventative feature ensures each product is labeled appropriately.

## Practicality

- The PL-501-NL can be easily and conveniently moved to other production areas, allowing for changes in production or products.
- The height of the machine's conveyor is adjustable, affording you exceptional convenience and flexibility.
- All Pack Leader USA labelers are made of 304 stainless steel and anodized aluminum. This extremely durable metal is specially treated to guard against rusting and other effects from harsher environments.

## Compliance

- All Pack Leader USA labelers are manufactured in compliance with Good Manufacturing Practices (GMP) standards and meet the strict ISO 9001 quality control procedures. So, you can have confidence undergoing required quarterly inspections from industry compliance auditors.



Pack Leader USA boasts a broad selection of quality, versatile labeling machines geared toward the specific labeling requirements of companies around the globe. Pack Leader USA, LLC was formed in 2010 to serve North and Central America.