



A shrink sleeve labeling machine

for full body sleeve applications with optional neck and cap banding

HIGHLY EFFICIENT

The SL-301 features the most advanced shrink technology with a large touch-control screen and an advanced Programmable Logic Computer (PLC), giving you superior labeling speed and accuracy. The SL-301 boasts speeds up to 400 products per minute.

SIMPLE TO USE

The SL-301 is fully enclosed and features an integrated touch-screen control panel, offering advanced job memory and troubleshooting menus. Plus, the machine's highly efficient design promotes easy operation and quick changeover.

EXCEPTIONAL SUPPORT

Pack Leader doesn't just give you high-quality products, we give you 24/7 access to our U.S.-based customer service team. So you receive the right support – right when you need it.

BUILT TO LAST

In strict compliance with Good Manufacturing Practices (GMP) standards, the SL-301's solid and steady frame is made of durable 304 stainless steel and anodized aluminum. The front acrylic interlock door is used for protection against the machine's many high-speed moving parts, and also allows for easy operation and maintenance. This durability and easy maintenance translates into a shrink sleeve labeling machine with longevity.



Products labeled with the SL-301
shown with customer permission

SL-301 Specifications



PackLeaderUSA.com/SL-301

LABEL TYPES

Full Body Sleeve,
Optional Neck and
Cap Banding,
Tamper Evident

SPEED

Maximum Sleeve Speed:
400BPM (depends on cut length)

DIMENSIONS

Machine Dimensions L-W-H:
44" x 118" x 80"
(1118mm x 3000mm x 2032mm)

Conveyor Dimensions L-W-H:
118" x 4.3" x 35"
(3000mm x 110mm x 900mm)

Sleeve Length:
.87"-9.84" (22mm-250mm)

Range of Container Diameter:
.87"-4.92" (22mm-125mm)

Maximum Container Height:
13.8" (350mm)

Spool Diameter:
19.7" (500mm)

Spool Inner Core:
5"-10" (127mm-254mm)

Film Thickness:
.001"-.003" (.045mm-.08mm)

POWER

Voltage: 110/220VAC, 50/60HZ
1 Phase 30AMP Dedicated

Power in KW: 2.7

PLC: Panasonic FP0R

Cutter Plate: 4 blades –
2.56"-3.54" (65mm-90mm),
optional 6 or 8 blade

Conveyor Motor: Siemens AC ½ HP

Bottle Screw Feed:
Siemens AC ½ HP

Drive: Servo Motor

NET WEIGHT

992lbs (450kgs)

Flexibility

- Thanks to the SL-301's flexible design, changeover is faster and easier for a wide range of container shapes and sizes.
- Highly flexible components mean the SL-301 creates the most effective production with the lowest cost possible.
- With an expandable machine function, the SL-301 can evolve with your future growth. A modular design means future add-on components work together in one machine.
- Machine height is adjustable to meet your specific needs.

Productivity

- An out-of-film detect means you never have to check the machine manually.
- With a fully-integrated color touch screen featuring advanced job memory and a trouble-shooting menu, the SL-301 provides superior labeling speed and accuracy.
- The SL-301 features HMI control for more convenient operation. Plus, 30 memory slots reduce the changeover time.
- Versatile sleeve labeling application offers a wide range of standard features and optional upgrades that can be customized for your unique requirements.
- Exceptional sleeve applicator design and control systems help you meet the changing demands of the market. Modular design makes your production changes fast and simple.

Accuracy

- With an easy-to-operate machine panel, you can quickly and accurately speed up the production line.
- Precise high-speed sleeve labeling performance compliments the electronic control cutter device, giving you superior label cut finishing.
- The optimized equation with unparalleled digital control creates an absolutely error-free packaging process.
- The SL-301 features a Servo-driven quick change cutter box.

Practicality

- Because Pack Leader ensures that our customers receive the most durable and dependable equipment, your maintenance costs are minimized.
- Thanks to machine capabilities that grow along with your application needs, the SL-301 is designed to meet your business demands today – and tomorrow.
- The SL-301 puts your safety first with an interlock device that disconnects power the moment the machine door is opened.
- Reliable design doesn't just ensure efficient production with low energy consumption – it gives your machine the durability it needs for long-term dependability.
- Durability is built in with a Siemens motor driven conveyor featuring wear resistance.
- Customizable design means you can adjust the height, product sensor and feed wheel height according to your preferences.
- The SL-301 features more film capacity, an integrated storage cabinet and includes mandrel and cut assembly.

Compliance

- All Pack Leader USA labelers are manufactured in strict compliance with Good Manufacturing Practices (GMP). The SL-301 is no exception. The machine features a solid and steady frame made from durable stainless steel and anodized aluminum, which translates into an easy-to-maintain machine with longevity.



DELTA COLOR

Touch Screen
Controls

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.