PANTHER
INDUSTRIES

PANTHER™

PREDATOR

ALL-ELECTRIC LABEL PRINTER APPLICATOR

L&C

**LABELING
& CODING**

PREDATOR

ALL-ELECTRIC LABEL PRINTER APPLICATOR

THE EVOLUTION OF UPTIME

Print and apply or pre-printed labeling automation solutions that elevate manufacturing, material handling, and supply chain operations for a better bottom line.

Pedal, Meet Metal.

Introducing our fastest, most adaptive label application system ever. The Predator is built for speed – and accuracy – to boost your throughput and elevate your business. This feature-rich – and all-electric – label automation system is the durable, reliable option for exceptional performance.

The Predator is specifically engineered to meet the demanding needs of e-commerce and other fast-moving industries that support warehouse, distribution, fulfillment centers, or third-party logistics (3PL). Specifically, the system's adaptive applicators automatically adjust to carton heights while items are in motion, delivering exceptional capabilities to support complex supply chain and material handling operations.

A labeling automation solution from Panther Industries will immediately elevate your manufacturing, distribution, and fulfillment processes to realize bottom line benefits through increased throughput, reduced expenses, and decreased waste/loss.

No matter what you're labeling – products, packages, pallets, or polybags – Panther features effective labeling automation solutions that help your operations:

INCREASE THROUGHPUT

Faster fulfillment speeds within the same or smaller footprint.

REDUCE EXPENSES

Our lowest-cost robot eliminates your highest labor expense (turnover, onboarding, and training).
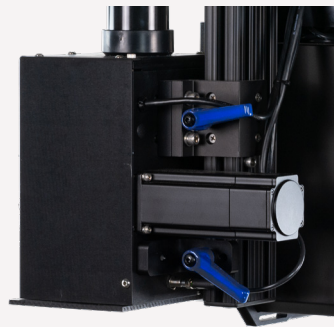
DECREASE WASTE/LOSS

Mitigation of waste and loss due to human error or outdated manual processes.

100% electric system, reducing operational expenses by requiring no compressed air.

Remote-mounted 7" touch screen display, and low label sensor.

Applicator assembly is adjustable, allowing for easy and efficient maintenance. The rack can be removed (no tools required) from the assembly for easy maintenance or replacement, if needed.

OEM print engine capability with SATO or Zebra printers, depending on need or preference.

FEATURES

Controls

- 52 I/O point PLC – w/ expandable slices
- Quick change electrical connections with no hardwiring
- Built-in Ethernet I/P or Modbus TCP protocols for direct communication with remote host
- Lighted indicators for immediate feedback
- Error log for efficient troubleshooting
- Position sensor ensures applicator is home prior to printing a label
- EPC Gen 2 RFID (available with RFID print engine upgrade)
- Low label sensor
- Low ribbon detection

Applicator Options

Completely modular system with multiple configurations:

- Tamp (up to 58" of stroke)
- Swing Arm (up to 24" reach)

Additional Features

- 100% electric servo drive (no compressed air)
- High speed applicator – up to 200 IPS
- Adaptive Touch technology provides light touch during label application process
- Adaptive applicator automatically adjusts to carton height – without sensors – ensuring accurate and consistent label placement
- Reliable waste takeup system with quick-change "O" ring belt drive
- Adjustable applicator assembly for easy maintenance
- Remote-mounted 7" touch screen display
- Printer interface via HMI
- Product detect photo eye
- OEM print engine design for off-the-shelf replacement
- Simple and efficient label and ribbon loading
- LED indicators on all devices
- Adjustable T-base stand
- Multiple mounting options
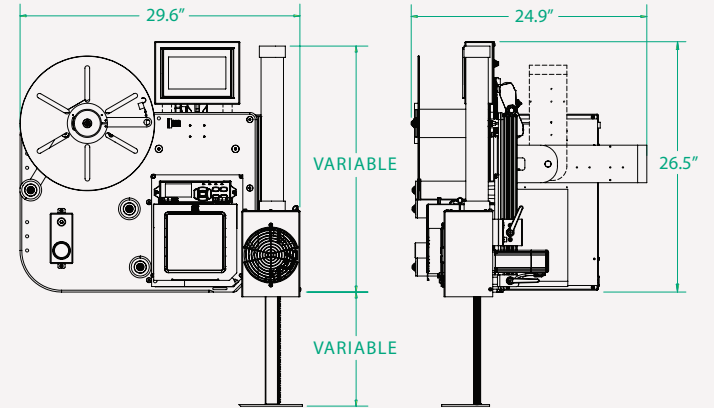- One-year warranty

Customized Options

- 80/20 overhead mounting bracket
- 12 – 24 inch stand height extension
- EPC Gen 2 (900MHz) compliant RFID capability
- Ethernet hub/switch for single point RJ-45 connection

SPECIFICATIONS

Dimensions

- 29.6" (w) x 26.5" (h) x 24.9" (d)

Hardware

- Main Plate: 1/2" aircraft aluminum
- Fasteners: Nickel-plated and corrosion-resistant
- M12 sensor connections

Electrical

- Input: 115VAC @ 5.0 amps 50/60Hz single phase
- Output: 24VDC @ 0.6 amps
- Includes 10' power cord

Print Engine

- Print Engines: Zebra or SATO
- Print Method: Thermal Transfer or Direct Thermal
- Print Width: 6.6" maximum | 0.5" minimum
- Print Length: 14" maximum
- Print Resolution: 203, 300, or 600 dpi (600 dpi not available for all print engines)
- Media Supply: 14" OD on 3" core
- Communication: Serial, Parallel, E-Net, Wireless E-Net, USB
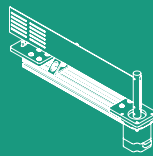
Applicator

- Placement Accuracy: Within 0.125" w/ consistent product

APPLICATOR CONFIGURATIONS

TAMP

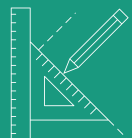*A straight tamp, linear applicator for top and side label applications – stroke length up to 58".*

SWING ARM

Allows two separate labels applied to a front or side location (or both), around a corner, or around a cylindrical object.

NEXTSTEP

This configuration will print and apply both the pack slip and shipping label in a single stroke.

CUSTOM

Panther has the expertise to design custom applicator options that do not fit into our standard configurations.

PROMACH®

PANTHER™

Labeling automation solutions from Panther Industries are engineered to provide reliable operation with simplified maintenance. We understand that 100% uptime is critical to your operations, so our products are designed to run (and run). Our flexible systems feature multiple application methods and are easily integrated and commissioned into your operations.

To learn how labeling automation solutions from Panther Industries will benefit your company's bottom line, contact a Panther sales representative today.

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