



P5c

PNEUMATIC LABEL PRINTER APPLICATOR

I&C

LABELING  
& CODING

# P5c

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## 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.

## SMALLER IS THE BIG NEWS.

Panther's new P5c labeling system is designed to be the smallest, simplest, most cost-effective automated print and apply system on the market. Based upon our highly acclaimed Panther P8 architecture, the P5c is a right-sized, minimal investment labeling system designed for tight locations.

The P5c fits where no other system can, while utilizing an industry standard 8" supply label roll.

- Small footprint for easy integration
- Intentionally designed fit for custom machine builders
- Dual automation options (full or semi)
- Label drive assist (takeup motor assists the print engine in driving the label material, substantially reducing wear on the print engine)

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Mitigation of waste and loss due to human error or outdated manual processes.



*Small Footprint for compact spaces.*



*Remote-mounted 7" touch screen display allows for flexible placement options on the system or elsewhere.*



*Zero waste pneumatics - only uses air during operation.*



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

# FEATURES

## Controls

- 16 I/O point PLC
- Quick change electrical connections with no hardwiring
- Ethernet I/P or Modbus TCP on the PLC for direct communication with remote host (no hardwiring)
- Lighted indicators for immediate feedback
- Position sensor ensures applicator is home prior to printing a label
- EPC Gen 2 RFID (available with RFID print engine upgrade)

## Applicator Options

Completely modular system with multiple configurations:

- Tamp (up to 12" of stroke)
- Wipe On
- Merge/Wrap
- Swing Arm
- Integrated Table

## Additional Features

- Label drive assist (takeup motor assists the print engine in driving the label material, substantially reducing wear on the print engine)
- Zero waste pneumatics – only uses air during operation
- Remote mounted touch screen display
- Product detect photo eye
- Reliable waste takeup system with quick-change "O" ring belt drive
- OEM print engine design for off-the-shelf replacement
- Simple and efficient label and ribbon loading
- Easy access to air solenoids
- LED indicators on all devices
- Adjustable T-base stand
- Multiple mounting options
- One-year warranty

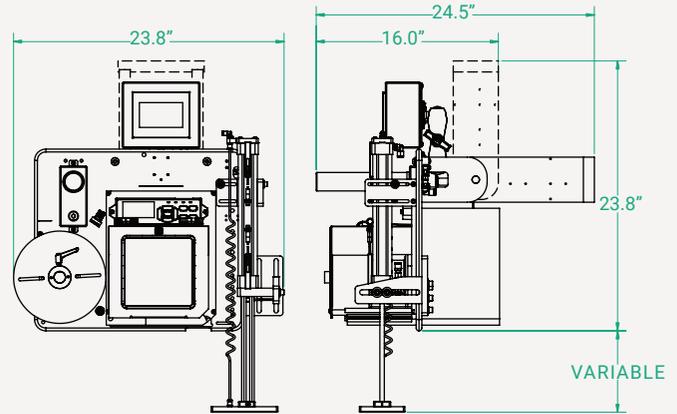
## Customized Options

- Quick-change applicator heads for multiple label sizes
- 80/20 overhead mounting bracket
- 12 – 24 inch stand height extension
- Dispenser module for pre-printed label applications

# SPECIFICATIONS

## Dimensions

- 23.8" (w) x 23.8" (h) x 16.0" (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

## Pneumatics

- 30-60 PSI @ 3 CFM (working) / 0 CFM (idle)
- OSHA approved lockable shutoff
- High flow, low pressure pneumatics for safety

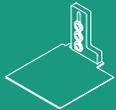
## Print Engine

- 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: 8" OD on 3" or 1" core
- Communication: Serial, Parallel, E-Net, Wireless E-Net, USB

## Applicator

- Placement Accuracy: Within 0.125"

## APPLICATOR CONFIGURATIONS



### MERGE

Brush or wrap options that directly applies a pre-printed label to a product or carton.



### TAMP

A straight tamp, linear applicator for top and side label applications.



### BLOW

For delicate applications where direct contact of the product is not ideal (e.g., food or light objects).



### FRONT/REAR SWING

For front or back label applications, also configurable for top-apply labeling.



### SWING ARM

Applies labels to a front or side location (or separately to both front and side), around a corner, or around a cylindrical/non-flat object.



### INTEGRATED TABLE

A semi-automated process where items are labeled individually.



### CUSTOM

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



 **PROMACH**<sup>®</sup>

 **PANTHER**<sup>™</sup>

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.

8890 Barrons Blvd.  
Highlands Ranch, CO 80129  
T: 800-530-6018  
P: 303-703-9876  
F: 720-283-9462

Panther.Sales@ProMachBuilt.com  
PantherLabel.com