

# HIGH-PERFORMANCE

## Digital Label Press and Finishing System

T H E   O N L Y   L I M I T   I S   Y O U R   I M A G I N A T I O N





Muratec's PLS-5150 is a high-speed digital label press that can print, continuous-fed media or cut sheets, up to 12.5" widths, on a variety of media stocks. This system features a high-performance, easy-to-use Wasatch RIP that guides users step-by-step through job set-up and execution.

Professional print shops and label converters benefit from Muratec's PLS-5150 digital label press by taking on jobs that previously would not be feasible or profitable on a high-speed flexo press; specifically,

short-run jobs (fewer than 5,000 labels) that include variable data, sizes and colors.

Businesses who rely on labels use Muratec's PLS-5150 to bring label printing in-house and significantly reduce their label spend, waste and production time. Imagine, instead of waiting weeks to receive a label order, you can print, laminate, die-cut and have your labels ready for application in just hours.

Muratec's PLS-5150 digital printing system can also have a dramatic cash flow effect, not only by saving potentially thousands of dollars per year in reduced label costs, but also by freeing up cash typically absorbed by label inventory that may get discarded. The PLS-5150 gives you the ability to:

- Instantly give your logo, packaging and brand a completely new look.
- Print 500 labels, instead of 50,000, which frees up cash, reduces waste and eliminates an inventory nightmare.



- Print pre die-cut materials that are ready for immediate application, or, with the PLS-5150F digital finishing system, you can create unique, specialty die-cut labels without additional set-up charges or long lead times from your provider.
- Easily create labels for focus group prototype packaging, create an identity for sub-brands or third-party distributors, add die-cut corporate logos to promotional products and more.





**So go ahead. Let your imagination run wild. With Muratec's PLS-5150 digital label press, your brand comes to life. Separate yourself from the competition and create a higher perceived product value, all while dramatically lowering your actual label production cost.**

With Muratec's PLS-5150, prime labels can be produced on a variety of substrates including pre die-cut labels, non-converted face stocks, paper, synthetics, adhesive backed, foils and more. This type of flexibility is perfect for creating:

- Food and beverage labels
- Healthcare and pharmaceutical products
- Industrial chemicals
- GHS and safety information
- Corporate branding and promotional items
- Parking permits, school spirit materials

By adding Muratec's **PLS-5150F digital finishing system**, the label design possibilities seem almost endless. Sure, you can produce exceptional 3" x 5" labels on plain matte stock; but imagine creating true on-the-shelf visual separation with Muratec's PLS-5150F die-cutter. Give your packaging unique shapes, styles and sizes, increasing overall value and prestige in the consumer's mind.



Food and beverage



Beer



Wine



Candy



Coffee



Soda



Water bottle



Health



Pharmaceutical



Nutraceutical



Industrial chemicals



Dome and overlays



Candle



Household chemicals



Parking permits



GHS and safety



Promotional



Personalized wedding and events



Private label personal care



Standard 4" x 4" label

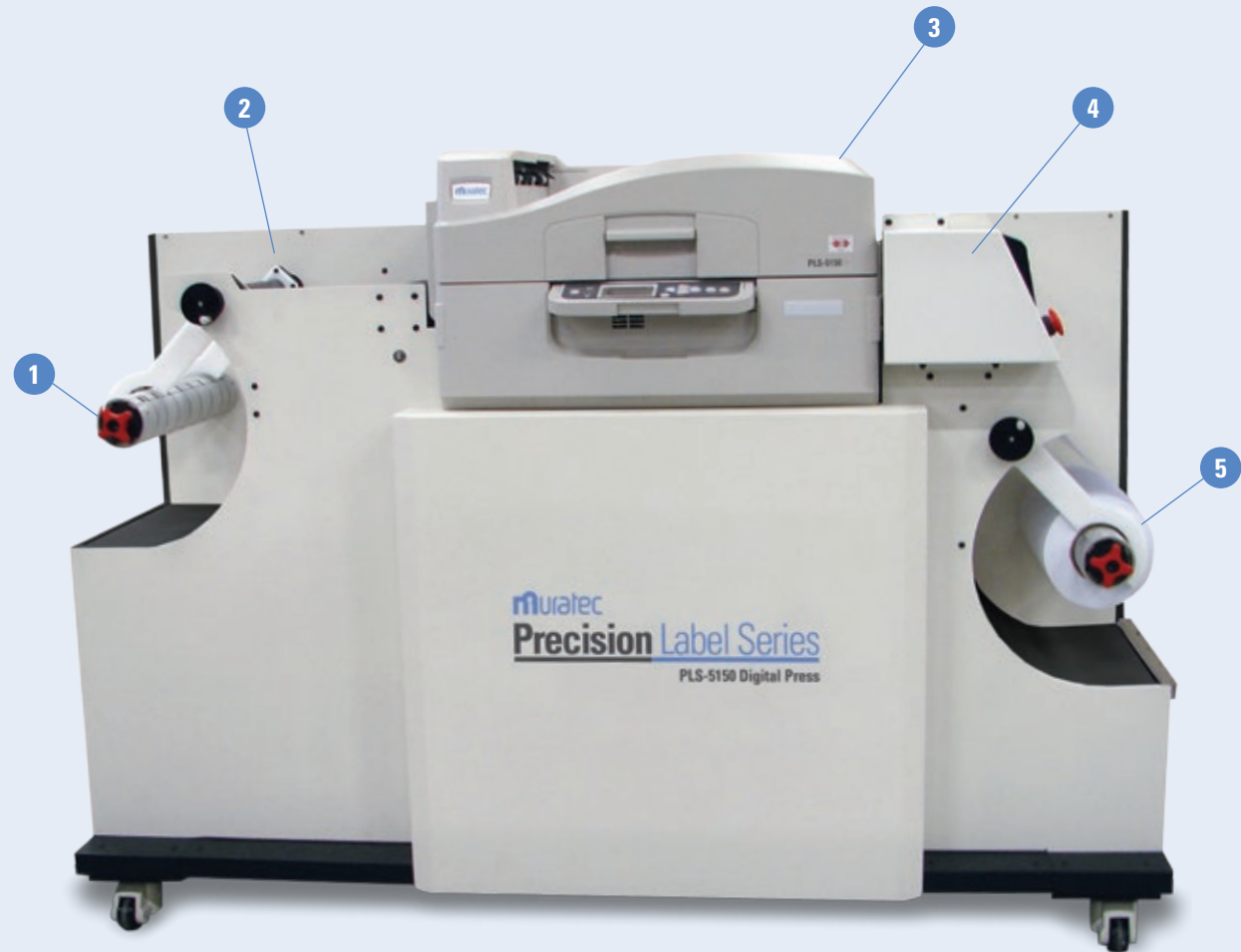


Die-cut 4" x 4" label

# PLS-5150

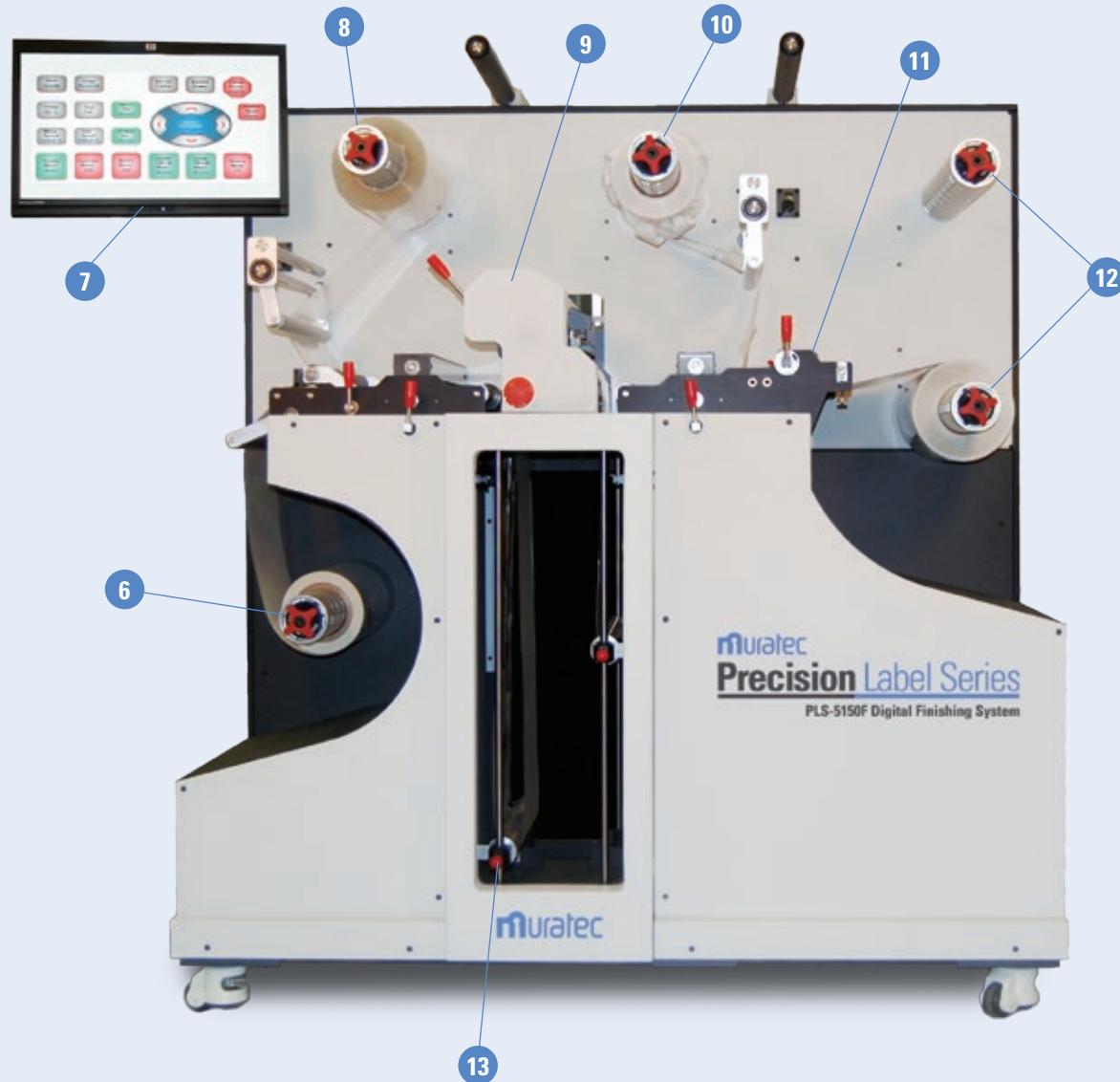
## Digital Label Press

1. Unwind station enables you to quickly load/unload blank media.
2. Continuous media feed delivers precision guidance and provides nonstop imaging with a high utilization rate.
3. High-definition print engine delivers exceptional productivity, automatic color calibration and correction; the innovative roller system provides uniform media tension for precise color registration.
4. Torque tensioning system ensures a tight, consistent rewind.
5. Rewind station gets your labels ready for application or finishing.



# PLS-5150F

## Digital Finishing System



- 6. Intuitive unwind station quickly gets your printed roll ready for finishing.
- 7. The PLS-5150F features an intuitive touchscreen user interface to simplify operation.
- 8. Lamination seamlessly aligns with the printed media and delivers your label with a protective lamination topcoat.
- 9. Digital die-cutting system is only limited by your imagination. Digital cutters precisely match your cut file with precision.
- 10. Matrix removal eliminates excess material and preps the label for application.
- 11. Slitter is easily adjusted to create multiple rolls and cut excess waste.
- 12. The PLS-5150F features dual rewinders to enable finished labels to be rolled onto different cores sizes or to easily split jobs. Once cores are removed from the rewinder they're ready for application!
- 13. PLS-5150F tensioning system ensures perfection by prepping the label material for the die-cutter.



The PLS-5150 and PLS-5150F  
are proudly built in the USA.

## Specifications

### PRINTER:

|                               |                                                                               |
|-------------------------------|-------------------------------------------------------------------------------|
| Print technology              | High-definition LED                                                           |
| Print speed                   | Up to 30 feet / minute (9.1 meters / minute)                                  |
| Print resolution              | Up to 1200 x 600 dpi                                                          |
| First print out time          | As fast as 9.5 seconds                                                        |
| Media width                   | 8.5" – 12.5" (215 - 305 mm)                                                   |
| Maximum input roller diameter | 14" (35.56 cm)                                                                |
| Dimensions (H x W x D)        | 45" x 63" x 26" (160 cm x 115 cm x 66 cm)                                     |
| Weight                        | 600 lbs. (270 kg)                                                             |
| Operating systems             | All software is compatible with Windows 8, 7, Vista 32/64, XP and Server 2008 |
| Software                      | Wasatch SoftRIP                                                               |
| Approved medias               | Polyester, matte, gloss, semi-gloss, silver and gold foils                    |



### FINISHER:

|                              |                                                                                |
|------------------------------|--------------------------------------------------------------------------------|
| Contour cutting              | Full HPGL vector cutting compatible with SMARTMark opto-electrical line sensor |
| Average speed                | 30 feet / minutes   9.1 meters / minutes                                       |
| Web width                    | 5" – 14"   12.7 - 35.5 cm                                                      |
| Maximum frame length         | 24"   61 cm                                                                    |
| Maximum input roll diameter  | 14"   36 cm                                                                    |
| Maximum output roll diameter | 14"   36 cm                                                                    |
| Recommended roll length      | 1250 feet   381 meters                                                         |
| Make-ready waste             | 10 feet   3 meters                                                             |
| Cutting technology           | Pivoting carbide tip - 30, 45 and 60 degree                                    |
| User interface               | Touchscreen display                                                            |
| Test cut function            | Standard                                                                       |
| Dimensions (H x W x D)       | 58" x 59" x 32" (147 cm x 150 cm x 81 cm)                                      |
| Weight                       | 450 lbs. (205 kg)                                                              |
| Power requirements           | 180-240 VAC - 900 watts                                                        |
| Cutter management tools      | ADSI direct-cut                                                                |

PLACE SAMPLE  
LABEL HERE

PLACE SAMPLE  
LABEL HERE

**muratec**

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