HIGH-PERFORMANCE
Digital Label Press and Finishing System

THE ONLY LIMIT IS YOUR IMAGINATION

muratec
Precision Label Series
PLS-5150 Digital Press

muratec
Precision Label Series
PLS-5150F Digital Finishing System

CREATE LABELS THAT Rock!

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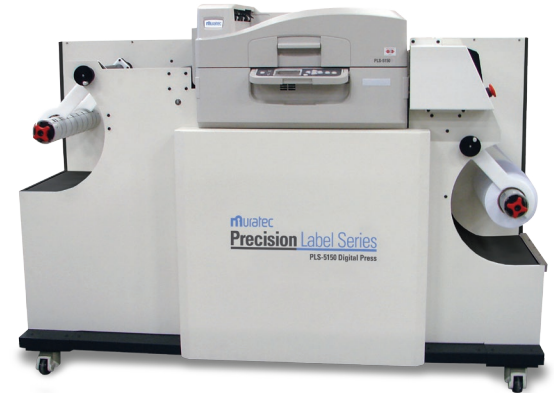
Professional print shops and label converters benefit from Muratec's PLS-5150 digital label press by taking on jobs that previously would not be feasible or profitable on a high-speed flexo press; specifically,

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
- Heathcare 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
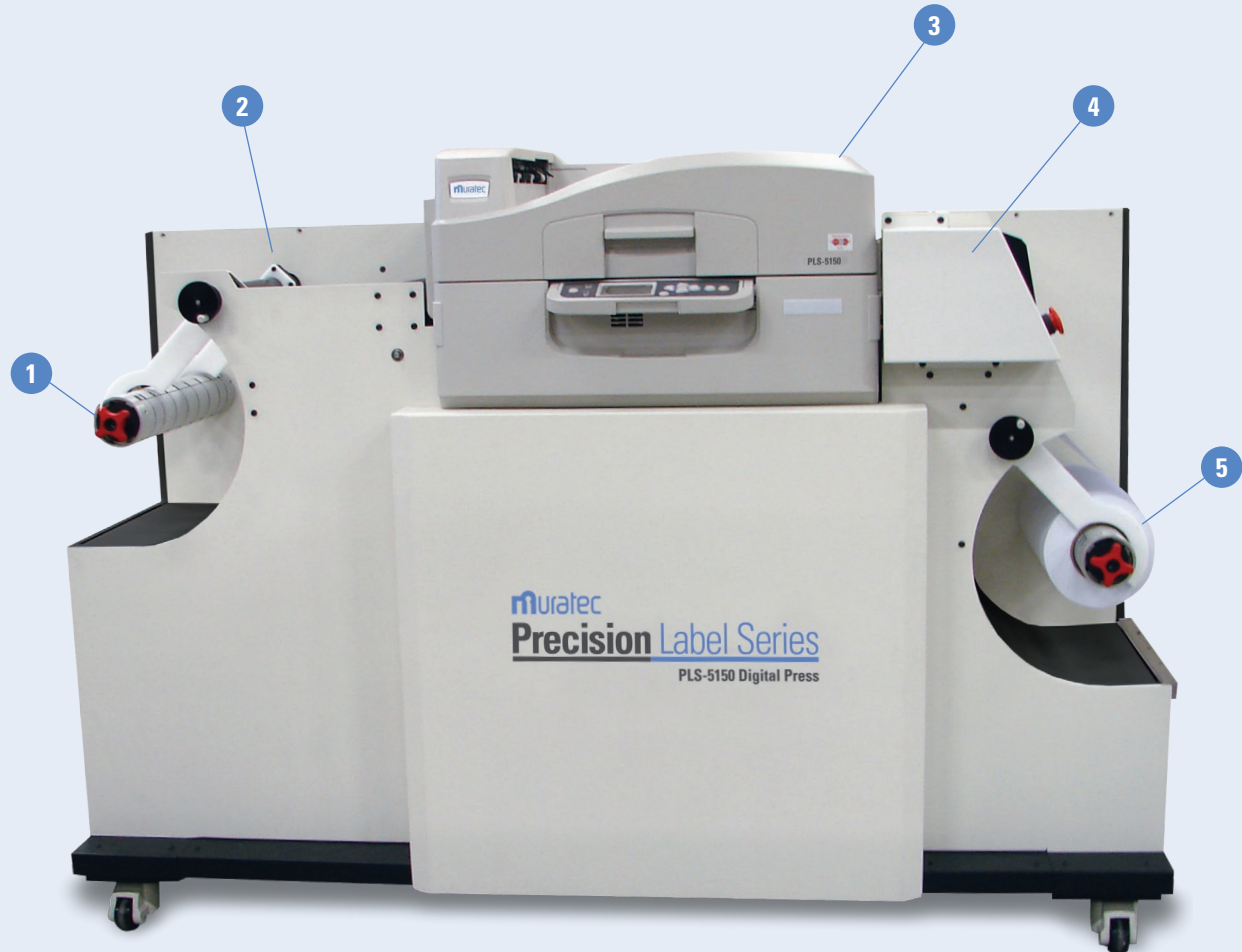

Standard 4" x 4" label

Die-cut 4" x 4" label
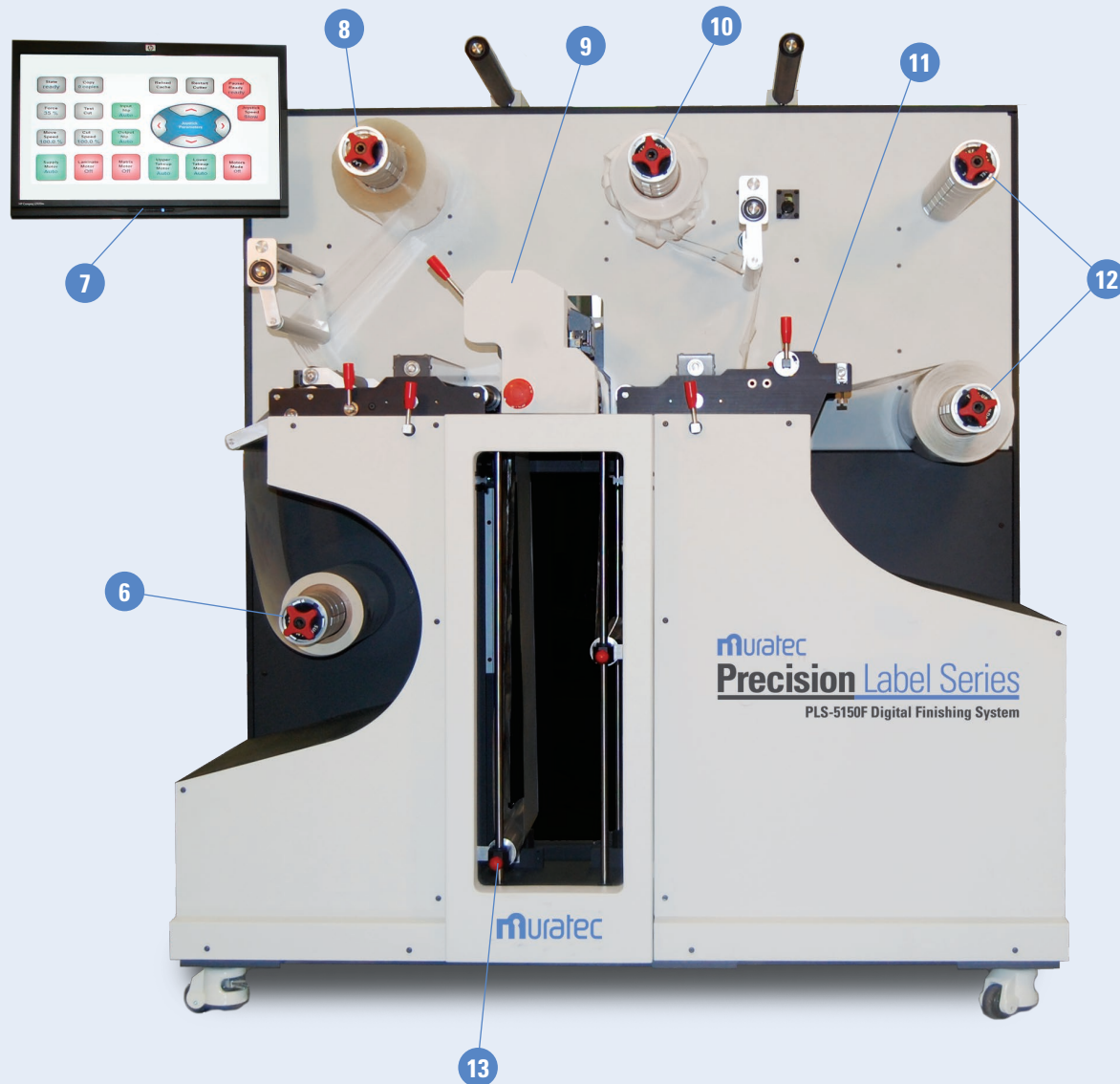
PLS-5150
Digital Label Press

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

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