

# HIGH-DEFINITION Digital Label Press and Finishing System

THE ONLY LIMIT IS YOUR IMAGINATION



**Muratec's Precision Label Series (PLS) gives manufacturers, marketers, private-labelers and professional print shops the ability to produce high quality labels, on-demand.**

Muratec's PLS-2112 is a compact digital label system that can print continuous-fed media or cut sheets, up to 8.5" 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-2112 digital label system 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-2112 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-2112 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-2112 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-2112F 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-2112 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-2112, 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-2112F 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-2112F die-cutter. Give your packaging unique shapes, styles and sizes, increasing overall value and prestige in the consumer's mind.



Standard 4" x 4" label



Die-cut 4" x 4" label

# PLS-2112

## 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-2112F

## Digital Finishing System



6. Intuitive unwind station quickly gets your printed roll ready for finishing.
7. Lamination seamlessly aligns with the printed media and delivers your label with a protective lamination topcoat.
8. PLS-2112F tensioning system ensures perfection by prepping the label material for the die-cutter.
9. Digital die-cutting system is only limited by your imagination. Digital cutters precisely match your cut file with precision.
10. Slitter is easily adjusted to create multiple rolls and cut excess waste.
11. Matrix removal eliminates excess material and preps the label for application.
12. Rewinder tightly wraps the finished label roll. Once removed you're ready for application.



The PLS-2112 and PLS-2112F  
are proudly built in the USA.

## Specifications

### PRINTER:

Print technology	High-definition LED
Print speed	Up to 25 feet / minute (7.6 meters / minute)
Print resolution	Up to 1200 x 600 dpi
First print out time	As fast as 9.5 seconds
Media width	6.5" – 8.5" (152 – 215 mm)
Maximum input roller diameter	11" (28 cm)
Dimensions (H x W x D)	56" x 39" x 23" (142 cm x 99 cm x 59 cm)
Weight	250 lbs. (114 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	10 feet / min   3 meters / min
Web width	4 – 8.5"   10 – 21.5 cm
Maximum frame length	14"   35.5 cm
Maximum input roll diameter	8"   20 cm
Maximum output roll diameter	8"   20 cm
Recommended roll length	500 feet   153 meters
Make-ready waste	4 feet   1.2 meters
Cutting technology	Pivoting carbide tip - 30, 45 and 60 degree
User interface	Touchscreen
Test cut function	Standard
Dimensions (H x W x D)	31" x 22" x 21" (79 cm x 56 cm x 53 cm)
Weight	185 lbs. (85 kg)
Power requirements	100-240 VAC - 900 watts
Cutter management tools	ADSI direct-cut
Options	Optional stand available

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