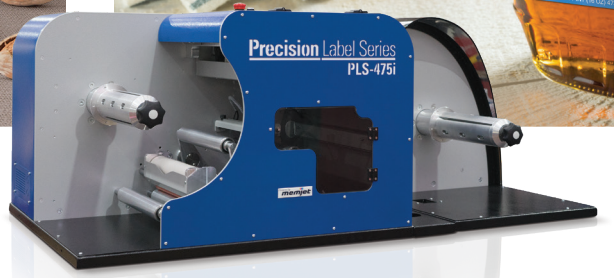
Precision Label Series



Precision Label Series 475i

HIGH-QUALITY DIGITAL LABEL PRESS

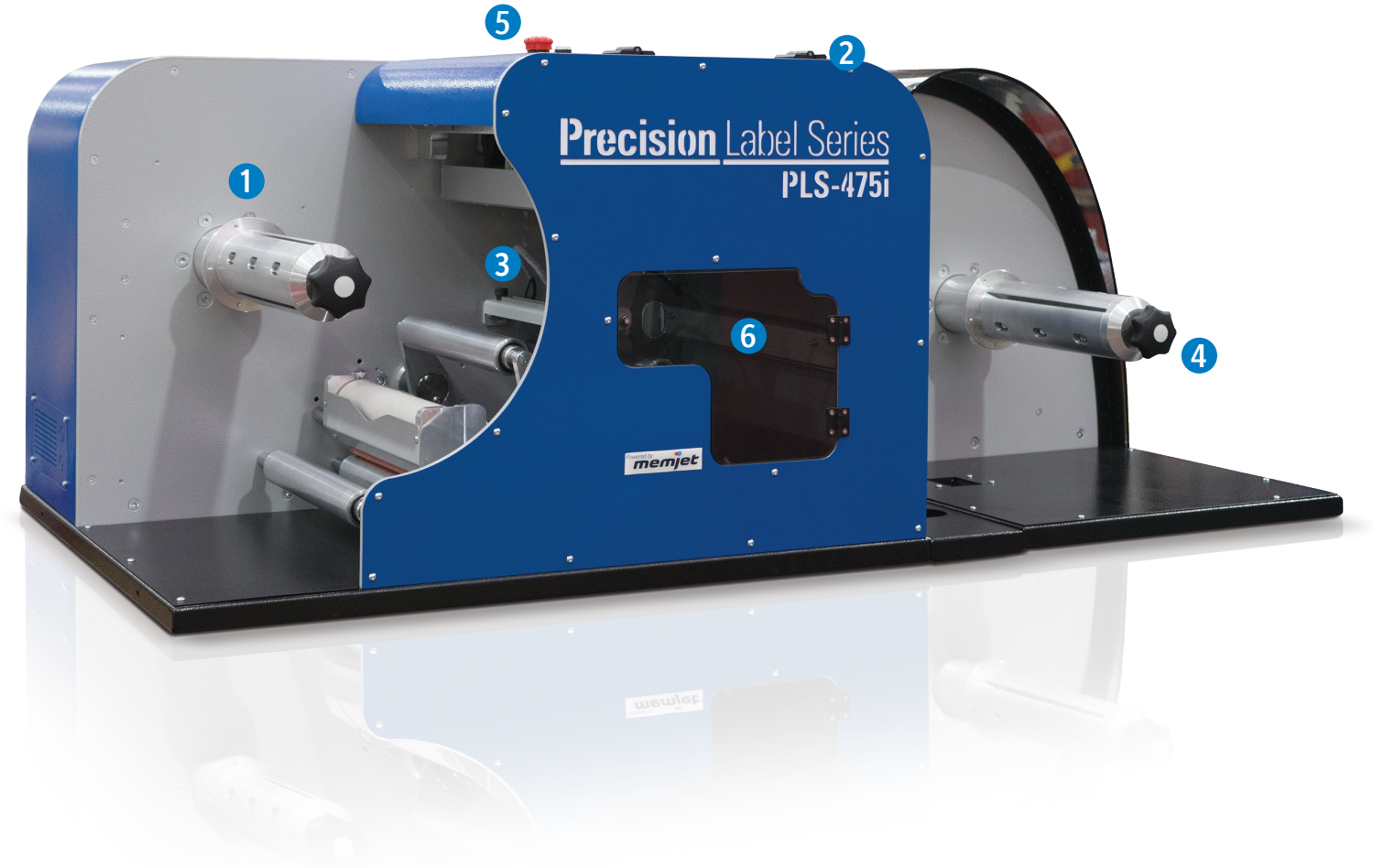
- Designed for manufacturers and brand owners looking to transition label printing in-house
- Control label production and timing in-house – eliminating shipping delays
- Allows for shorter print runs – saving money and reducing waste
- Uses Memjet's VersaPass printhead technology for long-lasting head life and exceptional quality
- Brilliant color fidelity with Memjet's Niagara aqueous dye-based inks
- Fast printing speeds – 29.5' or 59' per minute
- Extremely easy to set up and use
- Produce labels on a variety of pressure-sensitive substrates, including pre die-cut labels, inkjet coated face stocks, paper, synthetics, foils and more

YOUR BUSINESS REQUIRES GREAT LABELS.

THE PLS-475i DELIVERS.

Efficiently print beautiful, high-quality labels – on demand.

Today's market requires businesses to constantly focus on cost-savings. But your business also needs attention-grabbing labels to help your brand stand out and compete. The PLS-475i is a high-speed, industrial grade digital label press that allows you to affordably bring label production in-house. It prints a continuous roll or pre die-cut media, up to 9.0" wide, on a variety of substrates. And it's simple to use, featuring Windows Print Driver software for easy setup, layout and print execution. The result? Quality labels your brand demands. At a price your business requires.



DIGITAL LABELS **MADE EASY.**

The PLS-475i does more than print attractive labels. By bringing label printing in-house, it will significantly reduce your label spend, waste and production time. This press will also have a dramatic cash flow effect, saving potentially thousands of dollars per year in reduced label costs, and also freeing up cash typically absorbed by label inventory that may get discarded. The PLS-475i gives you the ability to:

- Instantly give your logo, packaging and brand a completely new look
- Print 500 labels, instead of 5,000, saving money, reducing waste and eliminating an inventory nightmare
- Control label production and timing in-house, preventing label-related shipment delays
- And more

With the PLS-475i, prime labels can be produced on a variety of substrates including pre die-cut labels, inkjet coated face stocks, paper, synthetics, adhesive backed, foils and more.

The PLS-475i comes standard with Memjet's latest technology:

- Latest Memjet VersaPass printhead, dramatically increases head life
- Niagara, aqueous dye-based inks have an increased color gamut, improved UV resistance and increased rub resistance versus previous ink generations

With the PLS-475i 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.

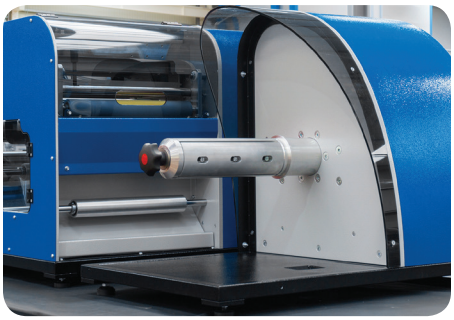
What can you print with the PLS-475i?

Food and beverage labels, healthcare and pharmaceutical labels, chemical labels, corporate promotional items, parking permits, team and school spirit materials – you name it, you can print it.

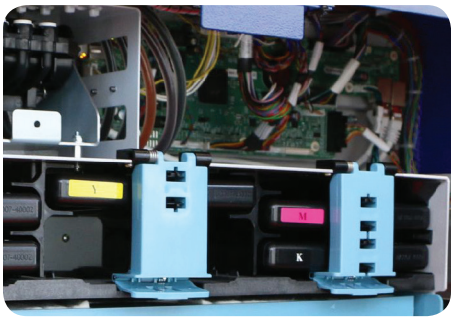
1. UNWIND STATION
Up to 11.81" roll diameter uncut or pre die-cut media

2. MEMJET VERSAPASS SINGLE PASS PRINT SYSTEM
Prints at 29.5' (1600 x 1600 dpi) or 59' (1600 x 800 dpi)

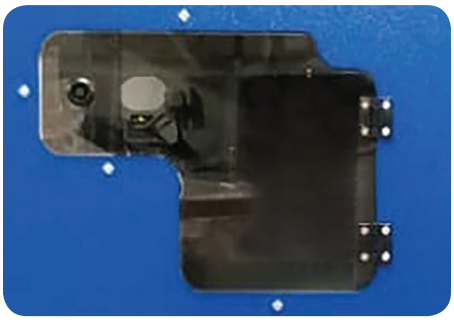
3. GAP/TIMING SENSOR
Reads pre die-cut medias (or senses out-of-paper)



4. REWIND STATION
Take-up for roll-to-roll printing – at full print speeds



5. EASY ACCESS INK STATION
Keep jobs moving fast and incur less downtime



6. EASY ACCESS PANELS
Allows for quick access when loading or evaluating media

Precision Label Series 475i

HIGH-QUALITY DIGITAL LABEL PRESS

SYSTEM SPECIFICATIONS

Web width	3.5"– 9.0" (80–228.6 mm)
Press speed	29.5 or 59 ft/min (9 or 18 m/min)
Print resolution	Up to 1,600 x 1,600 dpi
CMYK	250 ml ink cartridges
Power consumption	1.5 kW – 120 VAC, 6.5A, 50 Hz
Dimensions*	(H x W x D) 56.25" x 30" x 53" (1,429 x 762 x 1,346 mm)
Weight*	485 lb (220 kg)

MEDIA

Media width	3.5"– 9.0" (80–228.6 mm)
Print width Max.:	8.77" (222 mm)
Media thickness	4 –12 pt/ml (0.1–0.3 mm) 80–230 gsm

OPERATION ENVIRONMENT

Operation	68°–86°F (30°–20°C)
77°F	(25°C) recommended
Humidity	22– 80% RH (non-condensing)

FEEDER AND TAKE-UP

Dimensions	16.93" x 23.62" x 20.67" (430 x 650 x 525 mm)
Roll size	Max. diameter: 11.81" (300 mm)
Core size	3" (76 mm)
Tension control	
Direct connection with PLS-475i	

SOFTWARE REQUIREMENTS

Computer Dedicated	Wired Ethernet connection dedicated to the PLS475 is required. A wireless Internet connection is highly recommended to enable Remote Maintenance to be performed on the PLS475.
Operating system Windows	8.1 / 10 (64 bit)
CPU Intel®Core™	i3, i5 or i7 Processor (2.0 GHz or faster)
Memory	4 GB
Disk	3 GB for software installation
Monitor / video Min. resolution:	1280 x 769 dpi

PRINTHEAD SPECIFICATIONS

Type VersaPass	thermal inkjet printhead
Ink channels	5 channel (CMYK+K)
Native resolution	1600 dpi
Ink type	Aqueous dye
Drop size	1.2 pL (picoliters)

* with stand

Precision Label Series 401f

THE PLS-401F IS A COMPACT, AFFORDABLE FINISHER ENABLING COLD LAMINATION, DIGITAL CUTTING AND SLITTING.

The PLS-401f digital finishing solution laminates, cuts without dies, strips, slits and rewinds your labels. Create unique, specialty die-cut labels without additional set-up charges or long lead times from an outside provider.

- Custom contour-cut labels from roll media
- 24"/sec. (600mm/sec.) in all directions
- Drag knife and tansgential emulation
- Dual mark registration system for accurate and precise positioning of cutting blade
- Cold lamination, matrix removal, contour cutting and slit for applicator-ready labels
- User-friendly control panel for quick initial setup and operation modes
- Maximum cuttable label (W x L): 8.07" x 9.0"
- Media widths: 3.5"-9.0"
- Dimensions: 48.84" x 35.4" x 58.2"
- OS-Windows 7/8/8.1/10 Supports Adobe Illustrator Plug-in

Precision Label Series

14800 Landmark Blvd. #720, Dallas, TX 75254
For more information on Precision Label Series products or services, call (469) 429-3300 or visit our web site at www.muratec.com/industrial-label-presses

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