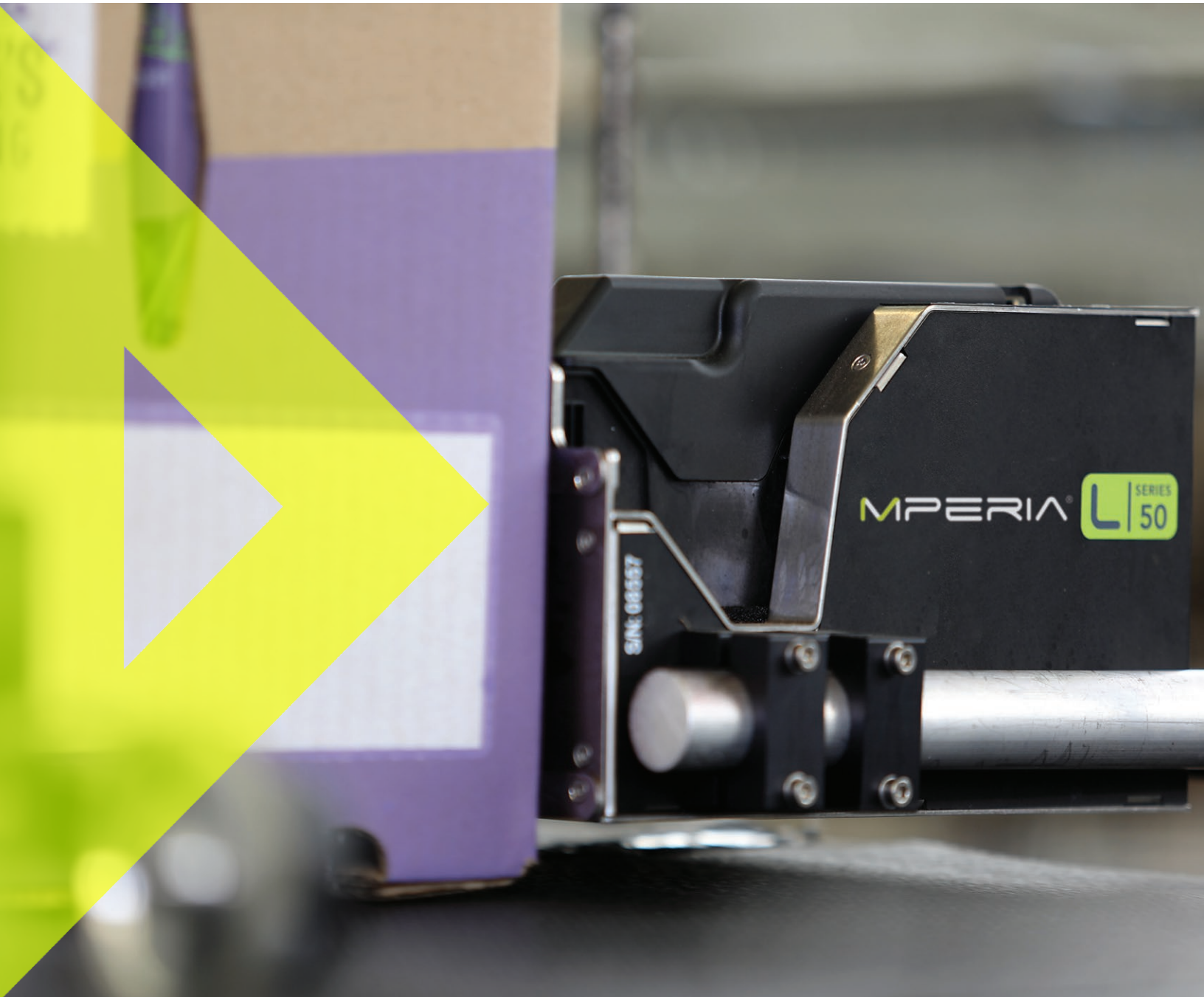


# MPERIA™ L-Series

HIGH-RESOLUTION THERMAL INKJET PRINTERS POWERED BY MPERIA®

**Unrivalled Quality, Speed and Scalability**



# PRINT VARIABLE DATA, SIMPLE TEXT AND GRAPHICS AT UNPRECEDENTED SPEEDS

MPERIA® L-Series thermal inkjet printers produce precise marks at extraordinary speeds; keeping your products in compliance while ensuring your brand puts its best foot forward. Regardless of what you need to print on, our high-performance inks mark on almost any surface, even in fast-dry applications.

## High-Speed Quality

- + Twice as fast as competitive systems, up to 3200 ft/min\*
- + True 600 dpi resolution at 200 ft/min for incredibly crisp, clear marks
- + Superior in-house ink engineering and custom ink development ensures unparalleled performance on your substrates



## Downtime Reduction

- + Cartridge based printheads means virtually no maintenance
- + Cartridges and printheads can be swapped in seconds, keeping your line running
- + Active bulk ink supply keeps your line running non-stop, for less



## Reliable Scalability

- + Easily grow from one printhead on your line to multiple printheads on additional lines all driven by one controller
- + Seamlessly integrate print verification and validation without expensive middleware
- + Prevent integration headaches and complexity with a single interface controlling your printheads and 3rd party coding technologies



\*Speed achievable when interlacing L1 printheads.

# Introducing MPERIA®, a Truly Universal Controller

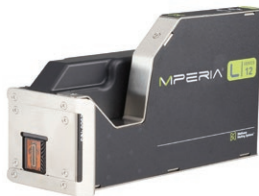
- + Eliminate human error and rework; message and code automation all handled through a single intuitive interface
- + Grows with your business; whether adding additional printers or expanding with more production lines
- + Reduce complexity by removing unneeded middleware and 3rd party providers
- + Achieve next level productivity; seamlessly connect to your business systems



## L-Series Print Heads

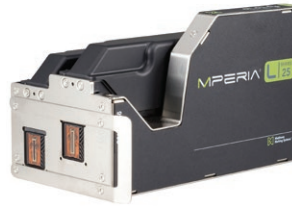
### L12

Print height: ½" (12 mm)



### L25

Print height: 1" (25 mm)



### L50

Print height: 2" (50 mm)



**UNRIVALED PRINT SPEED** up to 3,200 ft/min (975 m/min)\*  
**MOUNTING FLEXIBILITY** provides the print where you require  
**INCREDIBLY CRISP AND CLEAR** high-resolution print



### L1

Print height: ½" (12 mm)

- + Prints-per-second: over 500 unique QR codes
- + Perfect for tight spaces and OEM integration



### VIApack

Print height: ½" (12 mm)

- + Complete basic system right out of the box

*\*Speed achievable when interlacing L1 printheads.*



## Our Inks

We take pride in engineering high-performance inks and being experts in knowing your industry needs. From water-based solutions in color options to solvent-based inks that are FDA-approved, we can provide the right ink for your application.

- + Water-based
- + Solvent-based
- + Various colors available
- + Single-use and bulk delivery options
- + MEK inks, for every tough non-porous application



L-SERIES PRINTHEAD	NUMBER OF INK CARTRIDGES	MAXIMUM PRINT HEIGHT	PRINTHEAD DIMENSIONS (WxHxL)	MAXIMUM PRINT SPEED @ 75 DPI	MAXIMUM PRINT SPEED @ 600DPI	MAXIMUM PRINT DISTANCE	PRINTING DIRECTION
L1	1	1/2" (12 mm)	3.6"x1.6"x5.6" (92x42x143 mm)	1,600 ft/min (488 m/min)	196 ft/min (60 m/min)	1/4" (6.4 mm)	Horizontal or down
L12	1	1/2" (12 mm)	3.4"x5.1"x8.3" (87x129x210 mm)				
L25	2	1" (25 mm)	5.2"x5.1"x8.3" (133x129x210 mm)				
L50	4	2" (50 mm)	8.8"x5.2"x8.3" (224x133x210 mm)				


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Matthews Marking Systems is a global supplier of marking and coding solutions for product identification, branding, and traceability. Our customers trust us to help them achieve increased productivity while driving bottom line improvement with reliable systems for any application. With over 160 years of marking and coding experience, we've established a global reputation as a premier innovator helping customers succeed in industrial and consumer goods packaging industries.