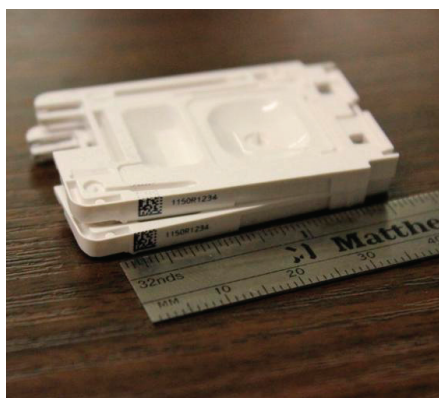# Mperia L-Series

## A system that truly grows with your business and improves productivity

– No Maintenance, No Servicing, Fast Changeovers

– Greater Flexibility, Scalable Solution for One Pen or Many

– Easy to Use Colour Touchscreen

– Faster Speeds up to 480m/min



### Introducing the Next Generation in Thermal Inkjet Coding Technology

Matthews Mperia L-Series High Resolution Printers represent the next generation of industrial inkjet technology. Enabled by Mperia, the most versatile and powerful print management platform available, the new L-Series printer provides high native print resolution (600 x 600 dpi) at over 60 m/min, nearly twice as fast as previous thermal inkjet systems.

### Unique Design

Utilising the patented Lexmark delivery system, the L-Series uses an advanced nozzle design that exhibits exceptional print quality through optimised drop control, reduces ink consumption costs and enables high speed printing capabilities, with a simple to use interface and an extensive range of scalability options to truly grow with your business.

The colour touchscreen interface allows for simple and intuitive creation and selection of messages that includes alphanumeric text, barcodes, and graphics.

Changeover is as easy as snapping in a new cartridge. No maintenance. No repairs. Improved productivity. Simple!

### Premium Quality

The Mperia provides exceptional print resolution and versatility along with unparalleled levels of readability. Ideal for printing on porous materials, the L-Series stainless steel printheads perform in a comprehensive range of challenging packaging and industrial environments.

### Future Proof

Depending on your choice of Mperia controllers, this system has the capability to grow with your business's coding requirements. For example, today you may need a 12mm high font, but 6 months from now you need 20mm, no problem. With scalability to add additional features as they are required means you only need to purchase the core system once and adjust the options to meet your current needs with the confidence that you can upgrade to the needs of tomorrows as required.
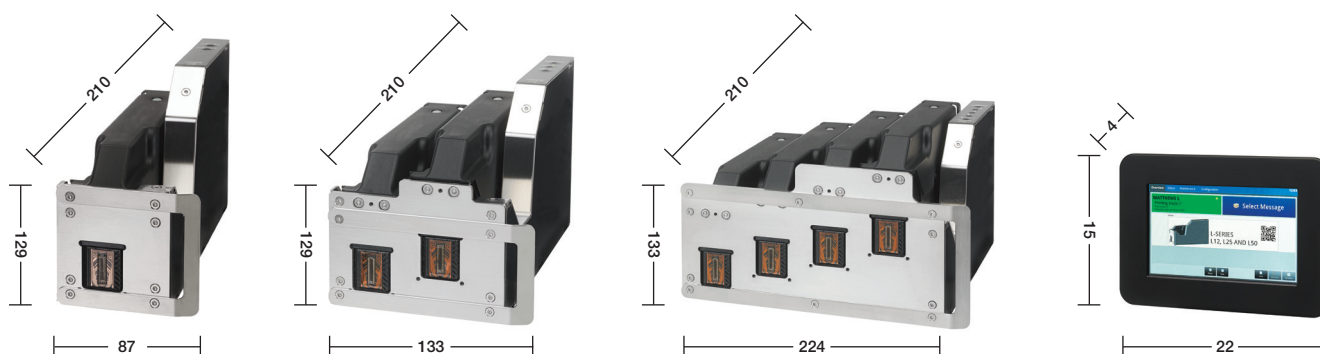
The Mperia Print Control Module (PCM) effectively manages messages and settings for multiple printers across one or several production lines or packaging locations. An extensive selection of pre-formatted and configurable counters, batch controls, user-defined text fields, and barcode symbology's makes message creation and selection a breeze with the intuitive touch screen interface.

Seamless integration with ERP/MRP/WMS systems helps to reduce coding errors.

**Matthews**
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## Technical Specifications Mperia L-Series

| | NUMBER OF INK CARTRIDGES | MAX PRINT HEIGHT | MAX PRINT SPEED (@75 DPI) | MAX PRINT DISTANCE | MOUNTING ORIENTATION | PRINTHEAD DIMENSIONS |
|---|---|---|---|---|---|---|
| L12 | 1 | 12.7 mm | 488 m/min | 6.4 mm | Horizontal or Down | W87 x H129 x L210 mm |
| L25 | 2 | 25.4 mm | 488 m/min | 6.4 mm | Horizontal or Down | W133 x H129 x L210 mm |
| L50 | 4 | 50.8 mm | 365 m/min | 6.4 mm | Horizontal or Down | W224 x H133 x L210 mm |

### Mperia PLATFORM

| | | |
|---|---|---|
| **Print Control Module (PCM)** | – Touch Screen interface<br>– Built-in CSV database<br>– IP20, IP65 rating (Optional 15")<br>– Network ready<br>– Simple message creation & editing<br>– Application specific plugins | – Available in 7", 12", 15" sizes<br>– Intuitive program design<br>– Windows print driver |
| **Print Features** | – Static and dynamic text fields<br>– Date and time codes<br>– True type fonts with desity settings<br>– Barcodes (ITF, ITF-14, Code 39, EAN8, EAN13, UPC-A, Code 128, GS1-128, GS1-Datamatrix, QR codes) | – Logos<br>– Sequential and batch counters<br>– Bi-directional printing |
| **Communications & Networking** | – Ethernet<br>– RS232 | – USB<br>– Virtual network computing (VNC) |
| **Electrical** | – 100-240 VAC, 50-60 Hz, 0.8 A | |
| **Operating Temperature** | – 10-40°C | |
| **Humidity** | –10-95% RH (non-condensing) | |
| **Max Number of L-Series Cartridges that can be Controlled** | – 8 (4 for 7" models) | |
| **Options** | – Photocell<br>– Mounting clamps & Strands<br>– Warning Light<br>– On board image editor for 7" PCM | – Encoder<br>– Hand Scanner<br>– Bulk delivery system |

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