Mperia T-Series

A system that truly grows with your business

• Greater flexibility print horizontal, angled or downwards
• Stitched Printheads up to 1000mm
• Bold, crisp images with minimal bleeding
• Faster Speeds
• Unique automatic cleaning system

Introducing the Next Generation in Impulse Inkjet Coding Technology

Matthews Mperia T-Series High Resolution Printers represent the next generation of industrial inkjet technology. Utilising the patented Trident delivery system, the T-Series exploits exceptional hi-resolution print quality through optimised drop control, high speed printing capabilities, fast and simple to use interface and an extensive range of scalability options to grow with your organisation.

Premium Quality & Flexibility

The Mperia provides exceptional print resolution and versatility along with unparalleled levels of readability. Ideal for printing on porous materials, the T-Series printheads perform in a comprehensive range of challenging packaging and industrial environments and can print vertical, horizontal, and/or down.

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 50mm high font, but 6 months from now you need 200mm, 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.

From 2mm to 1000mm prints can be achieved on either one of two sides depending on the controller.

• 7", 12" and 15" touch screen display.
• Images can be displayed for each production line.
• Effortless integration with ERP/MRP/WMS systems.

Ease to Use

The T-Series high resolution printheads are operated by the new Mperia platform. Mperia makes message programming simple and helps manage multiple production lines and printhead groups from a single interface.

An EZ Touch user interface allows for simple and intuitive creation and selection of messages that includes alphanumeric text, barcodes, and graphics.

The ink management system is safe and non-pressurised with a unique ink cleaning system that recyclesink and minimizes ink consumption. Inks feature a "no bleed" formulation.

code   check   capture   care 24x7

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intelligent identification

Technical Specifications Mperia T-Series

	Max print Height	Max print speed (@75 dpi)	Max print Distance	Mounting Orientation	Printhead Dimensions
T50e	50 mm	84 m/min	5 mm	Vertical	W368.55 x H216.25 x L48.03 mm
T100e	100 mm	84 m/min	5 mm	Vertical	W368.55 x H216.25 x L48.03 mm
T100Se	100 mm	84 m/min**	5 mm	Horizontal or Down	W368.55 x H216.25 x L48.03 mm

* Printing alphanumeric characters ** Speeds of up to 650 fpm can be achieved in specific cases

Mperia platform

Touch Screen Controller	– Touch Screen interface – Built-in CSV database – IP20, IP65 rating (Optional 15") – Network ready – Simple message creation & editing – Application specific plugins	– Available in 7", 12", 15" sizes – Intuitive program design – Windows print driver
Print Features	– Static and dynamic text fields – Date and time codes – True type fonts with desity settings – Barcodes (ITF, ITF-14, Code 39, EAN8, EAN13, UPC-A, Code 128, GS1-128, GS1-Datamatrix, QR codes)	– Logos – Sequential and batch counters – Bi-directional printing
Communications & Networking	– Ethernet – RS232	– USB – 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)	
Options	– Photocell – Mounting clamps & Strands – Warning Light – On board image editor for 7" PCM	– Encoder – Hand Scanner

Controllers

T50

103
172.5
108
368.55
248.03

T100

103
172.5
108
368.55
248.03

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