



VIAjet™ T-Series

HIGH-RESOLUTION PIEZO INKJET PRINTERS



T-Series print samples.

VIAjet™ T-Series

Print high-resolution graphics with less ink consumption and superior reliability.

Powered by MPERIA®, the industry's only truly universal controller, the VIAjet T-Series piezo inkjet printers produce incredibly crisp marks in multiple orientations and sizes.

The T-Series is ideally suited for printing in secondary packaging applications on corrugate boxes, tray packs and more; as well as primary marking of wood products and other porous substrates. Replace expensive preprinted boxes or costly label systems with direct marking; the T-Series delivers crisp barcodes and vibrant graphics ensuring your packaging looks amazing and your brand is wonderfully represented in retail applications. And our exclusive re-circulating ink feature means no wasted ink, improving your bottom line.



T-Series Printheads



T50E

- + Print height: 2" (50 mm)
- + Print speed: graphics and barcodes up to 276 ft/min (84 m/min)
- + Print direction: horizontal (side)
- + High-quality marks at a distance of up to 1/4" (6.4 mm)



T100E

- + Print height: 4" (100 mm)
- + Print speed: graphics and barcodes up to 276 ft/min (84 m/min)
- + Print direction: horizontal (side)
- + High-quality marks at a distance of up to 1/4" (6.4 mm)



T100SE

- + Print height: 4" (100 mm)
- + Print speed: graphics and barcodes up to 276 ft/min (84 m/min)
- + Print direction: vertical (down)
- + High-quality marks at a distance of up to 1/4" (6.4 mm)

- + Native marking up to 4" (100 mm) or use the power of MPERIA to stitch printheads and achieve an astounding 80" (2 m) mark
- + Reduce ink consumption and keep print quality perfect with our unique re-circulating ink feature
- + Your mark stands out with vibrant quality, spot colors, and PANTONE matched inks
- + Print your marks as your line requires; vertically, horizontally, or top-down
- + Serviceable printheads reduce total cost of ownership (TCO) in the event repair is needed
- + Direct carton marking keeps the line going, no waiting for pre-printed boxes or label replacement

Stainless steel, long life, serviceable print engine



Safe, non-pressurized ink container

Unique nozzle cleaning system recycles ink and minimizes ink consumption

Introducing MPERIA®, a Truly Universal Controller

- + Eliminate human error and rework; message and code automation all handled through an intuitive interface
- + Grows with your business; whether adding more production lines or multiple plant locations
- + Reduce complexity by removing unneeded middleware and third-party providers
- + Achieve next-level productivity; seamlessly connect to your business systems



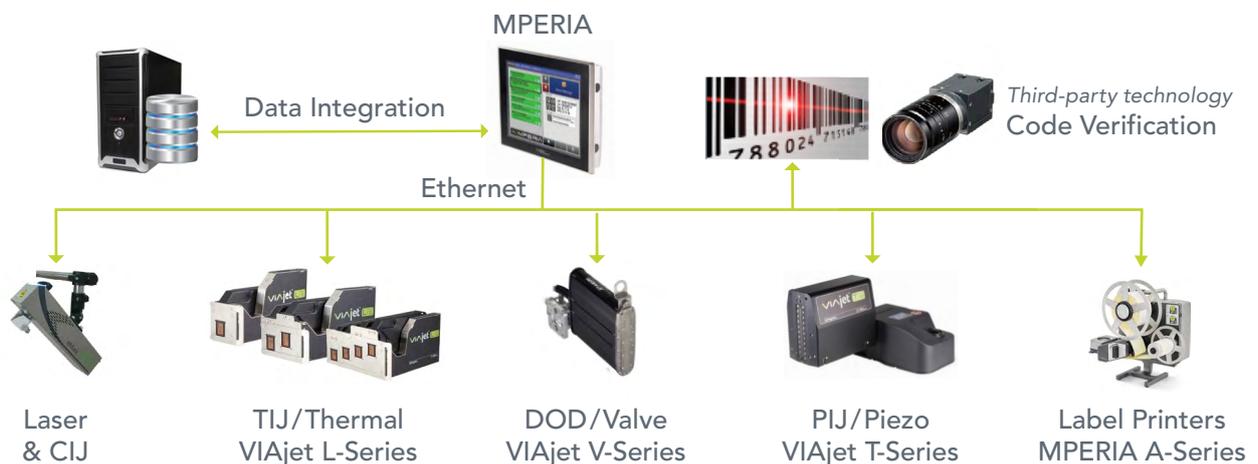
1 Lower Costs.

Direct carton marking with the VIAjet T-Series is significantly less expensive than using labels or pre-printed boxes.

2 Improve Quality.

High resolution print quality for barcodes and vibrant spot color for graphics produce clean, highly visible marks, even on dark substrates.

MPERIA® is the marking and coding industry's only true universal controller. From driving Matthews Marking Systems' multiple technologies to incorporating third-party printing without middleware to seamlessly integrating data with your current enterprise systems (ERP, MES, PLC, etc); MPERIA centralizes operations to provide unmatched efficiency. Improve your productivity, reduce human-induced errors and associated costs, and future-proof your technology investment with easy scalability using the power of MPERIA.



3 Reduce Downtime.

No more label machine jams or pre-printed box changes stopping your production line. Our low maintenance T-Series combined with the power of MPERIA ensures optimal efficiency on your production line.

4 Scalable Solution.

Quickly scale without sacrificing quality. Get clear, crisp marks at high-speeds with the ability to add multiple printheads for larger marks.

Engineered Solutions

At Matthews Marking Systems, we understand your industry and know that one size does not fit all. Partner with us and take advantage of our technical expertise and depth of knowledge to solve your most intricate requirements. Specific solutions focused on increasing your productivity, reducing waste, and removing cost from your bottom line is our priority. Driving significant value to your organization is our focus.

Matthews Marking Systems Specializes In:

- + Traversing systems
- + Logos and kickplates
- + Custom mounting
- + Custom software
- + Custom user interfaces
- + Controls and integration
- + Material handling
- + Turn-key automation

1 Quality engineering.

Get customized products to your exact specifications. Remove risks with third-party integrators while ensuring investment protection with Matthews Marking Systems' Engineered Solutions.

2 Save time and money.

Avoid costly shortcuts and prolonged downtime when our team does the work for you; we integrate to your specifications from the outset—regardless of the project.

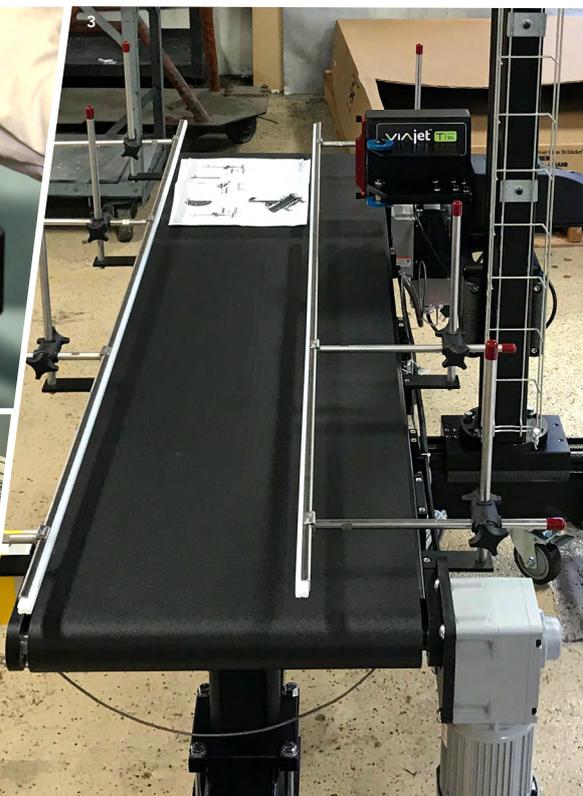
3 Maximize productivity.

Get your line up and running with minimal interruptions on site, so your team can focus on what they do best.

1 Custom T-Series mount featuring spring-loaded brackets for consistent marking.

2 Custom T-Series system featuring stitched T100s for large graphics marking.

3 Custom T-Series system with conveyor to handle multiple package sizes.



Our Inks

Our piezo inks are developed for high-resolution printing of barcodes, labels, graphics, symbology and text, making it the ideal solution for case coding on porous surfaces. Its UV resistance and opacity provide optimal scanning repeatability and IR readability.

EasyCode™

Matthews Marking Systems' EasyCode, a dye-based ink for use with VIAjet™ T-Series printers is optimal for both porous and semi-porous substrates. Available in a wide array of colors, EasyCode has an impressive 18-month shelf life, so you're never out of stock.

AccuScan™

Boasting superior barcode readability and dry time, Matthews Marking Systems' AccuScan ink is a pigment-based ink available in black, blue and red. With its exceptional resistance to heat and humidity, AccuScan has a shelf life of 18 months.

Color Match Program

Matthews Marking Systems offers a unique Color Match Program for EasyCode inks to ensure brand consistency where PANTONE color-matching and spot color marking and coding is important.

The program consists of:

- + Customer provides PANTONE color or other tone to use a baseline
- + Customer provides samples of substrate for ink testing
- + Matthews Marking Systems provides three rounds of sampling and approvals

VIAjet™ T-Series Specs

MPERIA® Controller*

- + Controls multiple production lines
- + Combine multiple inkjet technologies
- + Stack printheads for extra print height
- + Touchscreen interface (available 7"–15")
- + Built-in database
- + Network-ready
- + Simple message creation and editing
- + Application-specific plugins
- + Password-protected user levels
- + Troubleshooting/maintenance screens
- + Virtually no storage limits for number of messages/logos, message length, types of barcodes and time codes, etc.
- + On-board image editor
- + Virtual simulator
- + Intuitive program design
- + Windows/Codesoft driver
- + TrueType fonts, grayscale and color images
- + Guided installation/configuration
- + Multilingual with full BIDI support

Communications and Networking

- + Ethernet-based with advanced connectivity possibilities for ERP systems, computers, PLCs
- + Remote user interface control via VNC

Print Capabilities

- + TrueType fonts with unique ink-saving print density and object color settings
- + On-line cost per mark and ink usage calculator
- + Static and dynamic text fields
- + User-editable variable fields
- + Customizable date and time codes
- + Customizable sequential and batch counters
- + Barcodes (GS1-128, GS1 DataBar, EAN-8/13, UPC-A, ITF/ITF-14, Code 39/128)
- + 2D codes (GS1-Data matrix, Data matrix, QR and Micro QR code)

*Typically 50–104 °F/10–40°C, 10-80% RH (non-condensing). For more information see data sheet for the ink that is being used.

About Us

We are your dedicated marking and coding partner.

From out-of-the-box products to custom engineered systems, we solve your industrial or consumer packaged goods challenges.



Expertise Applied

We make printing the most reliable step in your production line by leading in three critical areas:

1 Innovation.

We maintain a technical advantage over competitors, investing in the continuous improvement of our marking solutions.

2 Flexibility.

No matter what you're trying to mark, no matter how your production lines are set up, we'll make it happen.

3 Know-how.

We understand your industry and speak your language, building solutions that fit your world.



Matthews Marking Systems Locations

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