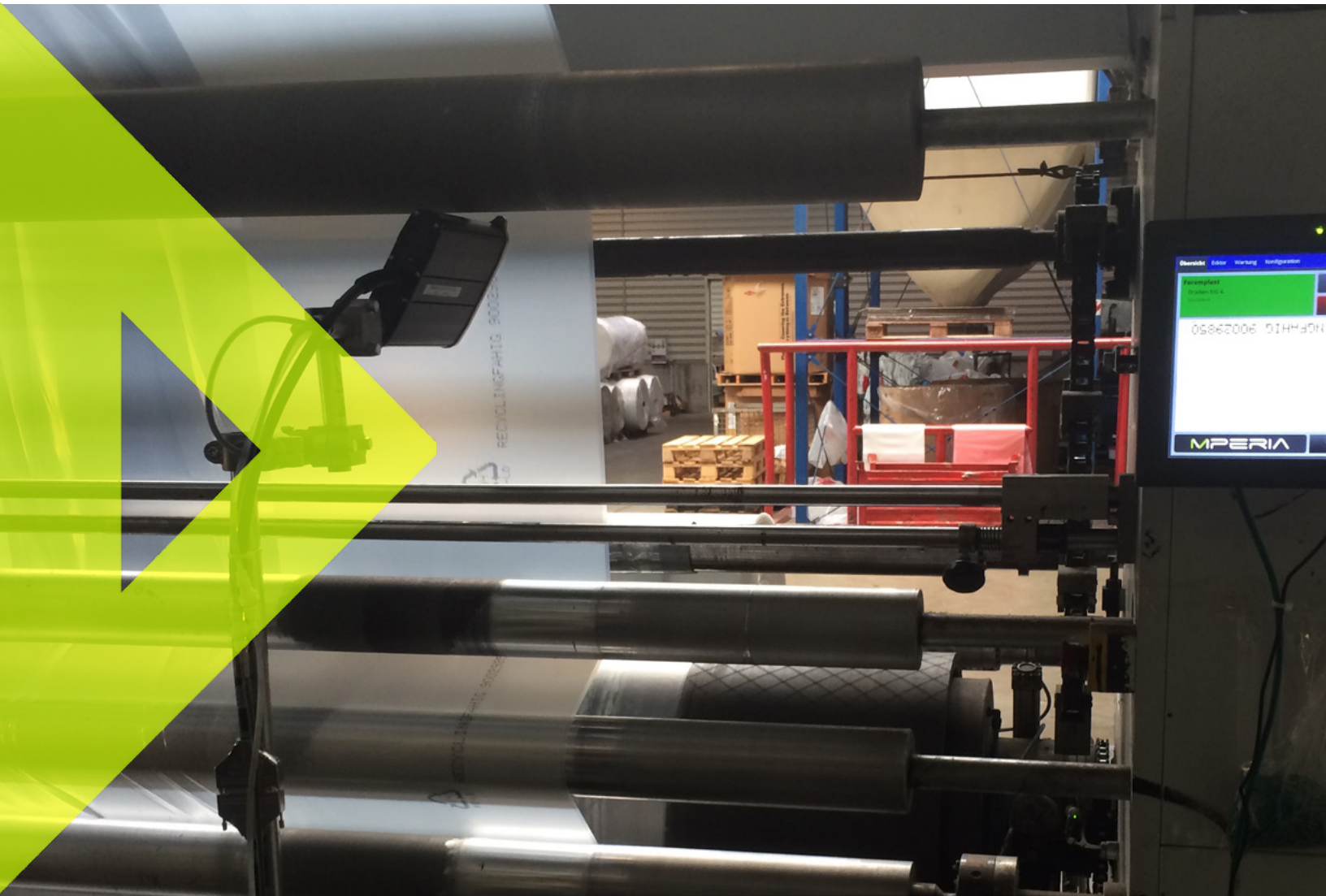


# VIAjet™ V-Series

DROP-ON-DEMAND VALVE JET PRINTERS POWERED BY MPERIA®

**Unequaled Reliability, Speed, and Flexibility**

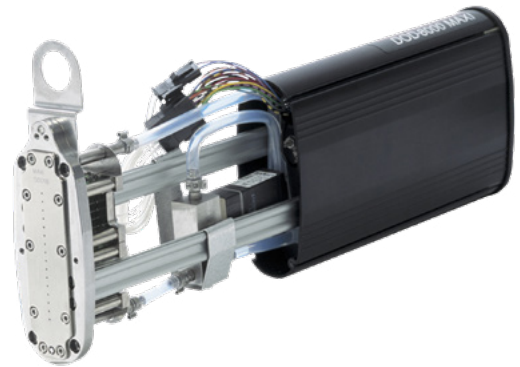


# INCREDIBLY CLEAR, CRISP MARKS ON YOUR POROUS AND NON-POROUS SUBSTRATES WITH THE FASTEST AND MOST RELIABLE PRINTHEADS IN THE INDUSTRY

MPERIA® VIAjet V-Series™ drop-on-demand valve jet printheads offer incredible print quality in flexible configurations and feature one of the fastest speeds in the industry. And because we feature the longest life printheads, your production lines continue to run at the highest efficiency.

## Outstanding Reliability

- + Longest life printheads in the industry keep your line running
- + Flushing valve systems mean cleaning and maintenance are a breeze
- + Advanced printhead nozzle design allows you to install in harsh environments with confidence



## Unmatched Flexibility

- + Install as your production line requires with over, under, and side firing capabilities
- + Print your mark at the required height and resolution with tilting printheads
- + Print your oversized marks easily by stacking printheads horizontally



## True Scalability

- + Easily grow from one V-Series on your line to multiple V-Series printers 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 V-Series and 3rd party coding technologies



# 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 3rd party providers
- + Achieve next level productivity; seamlessly connect to your business systems



## VX32 Controller

The VX32 is a powerful, all-in-one controller optimized for ease-of-use and simplicity in standalone applications. The VX32 provides simple coding with multilingual support in applications such as bag marking, case coding, and part marking.



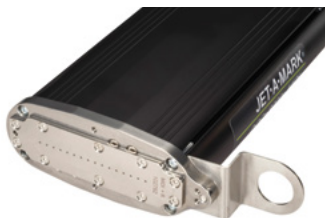
## V-Series Printheads



### 8000+ Mini

- + Maximum Speed: 400 fpm<sup>(2)</sup>
- + Throw distance: 1/4" (6.357 mm)<sup>(3)</sup>
- + Minimum character size: 3/32" (2.38 mm)
- + Maximum character size: 1 1/4" (31.75 mm) – 5" (127 mm)

**OUTSTANDING PRINT SPEED** up to 780 ft/min (Maxi), 400 ft/min (Midi, Mini)  
**UNMATCHED FLEXIBILITY** with 7, 16, or 32 valves per printhead and Mini, Midi, or Maxi nozzle sizes  
**LONGEST LIFE PRINTHEADS** with over 9 billion firings



### 8000+ Midi

- + Maximum Speed: 400 fpm<sup>(2)</sup>
- + Throw distance: 1/2" (12.7 mm)<sup>(3)</sup>
- + Minimum character size: 3/16" (4.76 mm)
- + Maximum character size: 1 1/4" (31.75 mm) – 5" (127 mm)



### 8000+ Maxi

- + Maximum Speed: 780 fpm<sup>(1)</sup>
- + Throw distance: 1/2" (12.7 mm)<sup>(3)</sup>
- + Minimum character size: 1/4" (6.35 mm)
- + Maximum character size: 1 1/4" (31.75 mm) – 5" (127 mm)

(1) At 1.8 mm spacing

(2) At 1.0 mm spacing

(3) At <200 fpm

## Our Inks

Our ink formulations, cleaners, and supply systems are designed to reliably deliver optimal performance. Advanced ink circulation technology reduces waste and cost-per-mark while bulk ink options enable you to run longer for less.

We offer a wide variety of pigmented, porous and non-porous inks, small and large capacity ink delivery systems, with fast startup, ink color changes, rugged construction and reliable performance.



## Print Capabilities

V-SERIES PRINTHEAD	MAXIMUM SPEED	PRINTHEAD TYPE	MINIMUM CHARACTER SIZE	MAXIMUM CHARACTER SIZE	MAXIMUM PRINT DISTANCE <sup>3</sup>
<b>8000+ Maxi</b>	780 fpm <sup>(1)</sup>	7-Valve 16-Valve 32-Valve	1/4" (6.35 mm)	7-Valve: 1 1/4" (31.75 mm) 16-Valve: 2 1/2" (63.5 mm) 32-Valve: 5" (127 mm)	1/2" (12.7 mm)
<b>8000+ Midi</b>	400 fpm <sup>(2)</sup>		3/16" (4.76 mm)		
<b>8000+ Mini</b>	400 fpm <sup>(2)</sup>		3/32" (2.38 mm)	1/4" (6.357 mm)	

(1) At 1.8 mm spacing  
 (2) At 1.0 mm spacing  
 (3) At <200 fpm



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.