Peak performance on your production line with the VIAjet V-Series: the most reliable, longest lasting Drop-on-Demand valve jet printers. Excelling in the harshest industrial environments, the V-Series marks your porous and non-porous substrates with clear, crisp marks at incredible speeds.

Ideal Applications
+ Large character printing on metal, paper and pulp, wood, concrete, plastic, tires, and more
+ Extreme environments such as building products facilities, steel mills, lumber processing plants, and other industrial settings
+ Branding, logo, or regulatory marking on your substrates for excellent retail presence

Advantages
+ Longest life DOD printheads at over 9 billion firings per head
+ Faster than competitive systems at 780 ft/min (240 m/min)
+ Extensive ink options ensure accurate marking every time
+ Advanced ink circulation reduces waste and cost-per-mark
+ Flushing valve systems mean easy cleaning and maintenance

Increase Production Line Efficiency
+ Centralize marking and coding control with the industry’s only true universal controller, MPERIA®
+ Automate data flow with seamless database integration
+ Add marking technology and systems without extra investment or middleware
VIAspec V-Series Spec

Print Capabilities
+ Static, dynamic, user-editable variable fields, and logos
+ Customizable date and time codes, sequential and batch counters
+ TrueType fonts with unique ink-saving print density and object color settings
+ 1D barcodes (GS1-128, GS1 DataBar, EAN-8/13, UPC-A, ITF/ITF-14, Code 39/128)
+ 2D codes (GS1-Data matrix, Data matrix, QR code)

Inks
+ Porous and non-porous substrates as well as opaque and pigmented applications
+ Engineered for building products, sheet metal, paper, pulp, wood, concrete, plastics, packaging, and other challenging substrates

<table>
<thead>
<tr>
<th></th>
<th>Minimum character size</th>
<th>Maximum character size</th>
<th>Maximum speed</th>
<th>Maximum print distance</th>
<th>3-way valve</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>8000 Maxi</td>
<td>1/4&quot; (6.35 mm)</td>
<td>7-VALVE: 1 1/4&quot; (31.75 mm)</td>
<td>780 fpm/ 3.96 mps</td>
<td>1/2&quot; (12.7 mm)</td>
<td>16-Valve</td>
<td>7.52&quot;Lx1.68&quot;Wx4.83&quot;H (191x 42.7 x123 mm)</td>
</tr>
<tr>
<td>8000 Midi</td>
<td>3/16&quot; (4.76 mm)</td>
<td>16-VALVE: 2 1/2&quot; (63.5 mm)</td>
<td>16-Valve</td>
<td>400 fpm/ 2.03 mps</td>
<td>32-Valve</td>
<td>16-VALVE: 7.48&quot;L x 1.73&quot;W x 6.26&quot;H (190 x44x159 mm)</td>
</tr>
<tr>
<td>8000 Mini IP65</td>
<td>3/32&quot; (2.38 mm)</td>
<td>32-VALVE: 6&quot; (127 mm)</td>
<td>32-Valve</td>
<td>190 fpm/ 1.87 mps</td>
<td>32-Valve</td>
<td>32-VALVE: 7.48&quot;L x 1.73&quot;W x 8.80&quot;H (190 x 44 x 223.4 mm)</td>
</tr>
</tbody>
</table>

Inks
Water Based, Water Fast, Alcohol (n-propylene, isopropylene, ethanol), Ethyl Acetate, MEK, Acetone, Pigmented

(1) At 1.8 mm spacing (2) At 1.0 mm spacing (3) At <200 fpm (4) IP65 3.4" Dia. x 5.2" L (87.5x132.0 mm) (5) Unique 3-way valve enables you to quickly purge solvent, minimizing maintenance and downtime

Ink Delivery System
+ Multiple options: 2x1 liter, 19 liter/5 gallon, 208 liter/55 gallon, 275 gallon totes
+ Dye-based or circulatory for pigmented inks
+ Integrated low ink warning and warning output signals

V-Series V-Link
+ Connect 1–4 printheads (maximum of 32 valves)
+ Connect up to 2 triggers and 2 encoders per V-Link
+ Electrical Operating Conditions: 90-264 V AC 50-60 Hz 2.5 A Temp: 32–113º F (0 - 45º C) Humidity: 0–90 % non-condensing IP53

MPERIA Platform

MPERIA® Controller
+ Control multiple marking technologies and production lines
+ Ethernet-based with advanced connectivity possibilities for ERP systems, computers, PLCs
+ Password-protected user levels
+ Remote user interface control via VNC
+ Multilingual with full BIDI support

+ Intuitive touchscreen user interface
+ Built-in database and on-board image editor
+ Simple message creation and editing
+ Installation, configuration, troubleshooting, and maintenance guidance
+ Windows/CodeSoft driver
+ Ample storage for messages, logos, barcodes, time codes, etc.

Matthews Marking Systems Locations
Americas | O: +1800 775 7775 | matthewsmarking.com
APAC | O: +603 7717 4788 | matthewsmarking.com
China | O: +864 0089 02800 | matthewsmarking.cn
EMEA | O: +49 8052 95110 | matthewsmarking.de
Nordics | O: +46 31 338 7900 | matthewsmarking.se

20210304.1