Continuous Ink Jet
Videojet 1000 line
print sample guide
## Videojet 1000 Line Print Sample Guide

### Max. Line Speed for Samples as Shown (m/minute)

<table>
<thead>
<tr>
<th>Font/Lines</th>
<th>4x7 Single</th>
<th>5x5 Single</th>
<th>5x7 Single</th>
<th>7x9 Single</th>
<th>9x12 Single</th>
<th>10x16 Single</th>
<th>5x5 Twin</th>
<th>4x7 Twin</th>
<th>5x7 Twin</th>
<th>7x9 Twin</th>
<th>9x12 Twin</th>
<th>10x16 Twin</th>
<th>5x5 Three</th>
<th>4x7 Three</th>
<th>5x7 Three</th>
<th>5x5 Four</th>
<th>4x7 Four</th>
<th>5x7 Four</th>
<th>5x5 Five</th>
</tr>
</thead>
<tbody>
<tr>
<td>Must. Micron</td>
<td>1220</td>
<td>1520/1550</td>
<td>1600 Series*</td>
<td>70 Micron (µ)</td>
<td>72 (60µ)</td>
<td>29</td>
<td>59</td>
<td>59</td>
<td>78</td>
<td>99</td>
<td>13</td>
<td>29</td>
<td>36</td>
<td>27</td>
<td>16</td>
<td>26</td>
<td>16</td>
<td>46</td>
<td>26</td>
</tr>
<tr>
<td>Nozzle Print Sample</td>
<td>ABCDEFG 12345 4X7</td>
<td>ABCDEFG 12345 5X5</td>
<td>ABCDEFG 12345 5X7</td>
<td>ABCDEFG 12345 7X9</td>
<td>ABCDEFG 12345 9X12</td>
<td>ABCDEFG 12345 10X16</td>
<td>ABCDEFGHIJKNOP 1234567890 10X16</td>
<td>ABCDEFGHIJ 1234567890 EEX 10X16</td>
<td>ABCDEFGHIJKLMNOP 1234567890 EEX 10X16</td>
<td>ABCDEFGHIJKLMNOPQ 1234567890 EEX 10X16</td>
<td>ABCDEFGHIJKLM 1234567890 EEX 10X16</td>
<td>ABCDEFGHIJKLMNOP 1234567890 EEX 10X16</td>
<td>ABCDEFGHIJKL 1234567890 EEX 10X16</td>
<td>ABCDEFGHIJ 1234567890 EEX 10X16</td>
<td>ABCDEFGHIJKLMNOPQ 1234567890 EEX 10X16</td>
<td>ABCDEFGHIJ 1234567890 EEX 10X16</td>
<td>ABCDEFGHIJKLMNOPQ 1234567890 EEX 10X16</td>
<td>ABCDEFGHIJ 1234567890 EEX 10X16</td>
<td>ABCDEFGHIJ 1234567890 EEX 10X16</td>
</tr>
</tbody>
</table>

N/A = Not Available

*1600 Series includes 1620, 1650 and 1610 Dual Head models.

### Videojet UHS Line Print Sample Guide

<table>
<thead>
<tr>
<th>Font/Lines</th>
<th>4x5 Single</th>
<th>5x5 Single</th>
<th>4x7 Single</th>
<th>5x7 Single</th>
<th>7x9 Single</th>
<th>9x12 Single</th>
<th>10x16 Single</th>
<th>4x5 Twin</th>
<th>5x5 Twin</th>
<th>4x7 Twin</th>
<th>5x7 Twin</th>
<th>7x9 Twin</th>
<th>9x12 Twin</th>
<th>10x16 Twin</th>
<th>4x5 Three</th>
<th>5x5 Three</th>
<th>4x7 Three</th>
<th>5x7 Three</th>
<th>5x5 Four</th>
<th>4x7 Four</th>
<th>5x7 Four</th>
<th>5x5 Five</th>
</tr>
</thead>
<tbody>
<tr>
<td>Must. Micron</td>
<td>1220</td>
<td>1520/1550</td>
<td>1600 Series*</td>
<td>40 Micron</td>
<td>42</td>
<td>29</td>
<td>59</td>
<td>59</td>
<td>78</td>
<td>99</td>
<td>13</td>
<td>29</td>
<td>36</td>
<td>27</td>
<td>16</td>
<td>26</td>
<td>16</td>
<td>46</td>
<td>26</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nozzle Print Sample</td>
<td>ABCDEFG 12345 4X5</td>
<td>ABCDEFG 12345 5X5</td>
<td>ABCDEFG 12345 5X7</td>
<td>ABCDEFG 12345 7X9</td>
<td>ABCDEFG 12345 9X12</td>
<td>ABCDEFG 12345 10X16</td>
<td>ABCDEFGHIJKNOP 1234567890 10X16</td>
<td>ABCDEFGHIJ 1234567890 EEX 10X16</td>
<td>ABCDEFGHIJKLMNOP 1234567890 EEX 10X16</td>
<td>ABCDEFGHIJKLMNOPQ 1234567890 EEX 10X16</td>
<td>ABCDEFGHIJKLMNOPQ 1234567890 EEX 10X16</td>
<td>ABCDEFGHIJKLMNOPQ 1234567890 EEX 10X16</td>
<td>ABCDEFGHIJKL 1234567890 EEX 10X16</td>
<td>ABCDEFGHIJ 1234567890 EEX 10X16</td>
<td>ABCDEFGHIJKL 1234567890 EEX 10X16</td>
<td>ABCDEFGHIJKLMNOP 1234567890 EEX 10X16</td>
<td>ABCDEFGHIJ 1234567890 EEX 10X16</td>
<td>ABCDEFGHIJKLMNOPQ 1234567890 EEX 10X16</td>
<td>ABCDEFGHIJ 1234567890 EEX 10X16</td>
<td>ABCDEFGHIJ 1234567890 EEX 10X16</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

N/A = Not Available

*1600 Series includes 1620, 1650 and 1610 Dual Head models.

### Linear Print Speed and Character Pitch

Linear print speed and character pitch are interrelated on all CIJ printers. The Videojet UHS speeds detailed in the table above are rated for 10 characters per inch. The printers maximum speed is either faster or slower based upon the chosen character pitch.

---

**Additional font options available**
## Videojet 1000 line print sample guide

### Infinite possibilities

<table>
<thead>
<tr>
<th>Description</th>
<th>Print Sample</th>
</tr>
</thead>
<tbody>
<tr>
<td>Four line 5x5 with 16x24 single line</td>
<td><img src="https://via.placeholder.com/150" alt="Sample Print" /></td>
</tr>
<tr>
<td>Logo with four line 5x5</td>
<td><img src="https://via.placeholder.com/150" alt="Sample Print" /></td>
</tr>
<tr>
<td>4x12 multi-language twin line with 10x16 single line</td>
<td><img src="https://via.placeholder.com/150" alt="Sample Print" /></td>
</tr>
<tr>
<td>10x16 single line over 5x7 single line</td>
<td><img src="https://via.placeholder.com/150" alt="Sample Print" /></td>
</tr>
<tr>
<td>Three line 5x7 with 2D DataMatrix</td>
<td><img src="https://via.placeholder.com/150" alt="Sample Print" /></td>
</tr>
<tr>
<td>UPC-A bar code with 2Dx34 text</td>
<td><img src="https://via.placeholder.com/150" alt="Sample Print" /></td>
</tr>
<tr>
<td>Unlimited possibilities for mixing fonts in the same message</td>
<td><img src="https://via.placeholder.com/150" alt="Sample Print" /></td>
</tr>
</tbody>
</table>

### Linear bar codes


### 2D DataMatrix

- Wide range of standard 2D and rectangular 2D DataMatrix, including GS1

### Multi-stroke

To highlight words or numbers and make codes darker and bolder

### Tower print*

To emphasize whole message or specific characters

### Inverted/reversed characters

Accommodates product lines going in any direction and products in various orientations on the production line

### Unique-character languages

- American
- Arabic
- Bulgarian
- Chinese
- East European
- European Greek
- Hebrew
- Hungarian
- Italian
- Japanese
- Japanese/Kanji
- Japanese/Katakana
- Korean
- Russian
- Simplified Chinese
- Scandinavian
- Thai
- Traditional Chinese
- Turkish
- Vietnamese

### Graphics and logos

Create custom logos on PC and upload via USB

---

*Only available on 1520, 1620, 1620 UHS & 1720 models

---

## Clear, consistent codes

The 1000 Line produces the sharpest codes in the industry. It precisely places every drop, so marks are always clear and easy to read. Dynamic Calibration automatically maintains consistent print quality, even if environmental conditions change.

---

## Variety of ink choices to match your application

### Dye based inks

Videojet offers a variety of ink colors to print on light substrates. Available in black, red, blue and green.

### Dye based specialty inks

Some formulations have special characteristics like color change under retort process, optimized performance for high speed/small nozzle size, alkali washable, food grade and visible under UV light.

### Pigmented inks for high contrast applications

Videojet offers pigmented fluids ideal for applications requiring high contrast, bright codes on dark or difficult to mark surfaces. These inks provide easily readable codes for applications in the parts marking, extrusion, wire and cable, beverage, electronics, food and personal care markets.

These inks operate in the Videojet 1710 model and deliver high print quality, excellent adhesion and superior contrast.

---

*70 micron nozzle

*60 micron nozzle

*50 micron nozzle