Continuous Inkjet

Videojet 1880 UHS

Achieve superior print quality and reliability at high speed
Get top quality at top speed

Built on the 1880 + platform, the Videojet 1880 UHS extends its productivity and connectivity capabilities to ultra-high-speed production lines in the canning, beverage, and wire and cable industries. Engineered to deliver exceptional code quality and unwavering printer reliability, it delivers a transformative solution, where performance meets speed to revolutionize high throughput operations.

Unleash precision and performance: Advanced technology for superior print quality

With its updated auto-modulation feature and advanced hydraulics, the 1880 UHS compact printhead design offers optimized drop positioning and superior jet stability. It automatically adjusts the ink stream per the environmental temperature, while real-time viscosity measurements enable precise drop control at high speeds. The printer helps ensure optimal and consistent code quality for each font. It also comes with an over-molded umbilical for traversing applications, delivering superior durability.

Optimized fonts to limit distortion

Featuring a newly improved set of high-speed fonts and rasters, the 1880 UHS delivers superior print quality with consistency and reliability.

- +45% faster than the 1880 + on average top speed

Competitive high-speed code

Videojet high-speed code using optimized drop positioning
Maximize uptime: Proactive alerts, effortless cleaning, and fewer touches

An innovative sensor helps to enable printhead ink build-up detection, alerting users to potential print quality issues before they escalate. The convenient auto-rinse feature ensures a hassle-free, consistent, and efficient printhead cleaning process with a simple click. Say goodbye to ink build-up-related code clipping, as this innovative system virtually eliminates it. What’s more, the printer boasts an upgraded hydraulic management system, an extended make-up tank, and the added flexibility of using larger, one-liter cartridges.

Leverage enhanced connectivity: Seamless integration and enhanced productivity

Designed to deliver all the connectivity you need, the 1880 UHS intelligent I/O capabilities offer standard industrial protocols for seamless integration into your production systems. It also takes CIJ printing performance to a higher level with built-in Wi-Fi and cellular* connectivity. It provides easy, secure wireless communications, enabling VideojetConnect™ Remote Service to automate troubleshooting, simplify remote operation, and improve overall printer and line productivity in real-time.

* Subject to availability in your country
**Videojet® 1880 UHS**  
**Continuous Inkjet**

**Line speed capability**  
Can print 1 to 3 lines of print at speeds of up to:  
- Single line max speed = 1,666 ft/min (508m/min)  
- Dual line max speed = 835 ft/min (254m/min)  
- Tri-line max speed = 588 ft/min (179m/min)  
(10 characters per inch, single-line of print)

**Font matrix configuration**  
- Single-line: 4x5, 5x5, 4x7, 5x7, 7x9, 9x12, 10x16, 16x24  
- Twin-line: 4x5, 5x5, 4x7, 5x7, 7x9  
- Tri-line: 4x5, 5x5, 4x7, 5x7

**Linear bar codes**  
- UPC A/E, EAN 8 & 13, Code 128 A, B & C, UCC/EAN 128; Code 39; Interleaved 2 of 5; GS1

**DataMatrix codes**  
- 10x10, 12x12, 14x14, 16x16, 18x18, 18x20, 20x22, 24x24, 24x24, 2x26, 2x26, 2x26, 3x36, 3x36, 3x36

**QR codes**  
- 21x21  
- Error correction mode L, M, Q or H

**Nominal character height**  
Selected from 0.079" (2mm) to 0.60" (10mm), depending on font

**Throw distance**  
- Optimal: 0.591" (15mm)  
- Range: 0.354" (9mm) to 0.787" (20mm)

**User interface**  
- 10.4" high-response TFT-LCD touch screen  
- WYSIWYG touch to edit message editing

**Custom logo/graphics**  
Can be created via optional CLARiSOFT™ software*

**Character sets**  
- Chinese, Russian/Bulgarian, Turkish/Scandinavian, Romanian, Greek, Arabic, Japanese/Kanji, Hebrew, Korean, East European and European/American

**Languages and interface options**  
- English, Arabic, Bulgarian, Czech, Danish, Dutch, Finnish, French, German, Greek, Hebrew, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Serbian, Simple Chinese, Spanish, Swedish, Thai, Traditional Chinese, Turkish, and Vietnamese

**Input/output**  
- Product detect input; Encoder input; Beacon (Alarm light) output; Relay output; USB 2.0 (2x); Ethernet LAN™; Built-in Wi-Fi

**Message storage**  
More than 250 complex messages

**Environmental protection**  
- IP55 standard, no plant air required; stainless steel cabinet  
- IP66 protected electronics optional

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* CLARiSOFT™ Package Coding Design software required for certain bar codes and other advanced functionality.

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