



 **VIDEOJET**

Continuous Inkjet

Videojet® 1880 Series

Unlock high-speed performance, quality and precision with maximized uptime and productivity

High speed.
High resolution.
High performance.
High connectivity.

Taking the proven 1880 platform to the next level, the revolutionary Videojet 1880 Series printers combine cutting-edge features with advanced digital connectivity for a solution that's ready for a data-driven future. Delivering optimum quality and reliability, it offers crisp, clear codes that meet your need for 2D, QR, and track and trace coding, with a sustainable, low-maintenance design.



**MAXIMIZED
PRODUCTIVITY**

Videojet 1880 +

Built on the high-speed 1880 platform, the Videojet 1880 + redefines excellence through **enhanced design** and extensive **digital capabilities**. It delivers seamless, non-contact industrial printing for almost any substrate, including flat or curved surfaces. The 1880 + enables intelligent plant operations and proactive analytics, such as vital sign monitoring, smart alerts, remote support, and advanced troubleshooting.

EXTEND THE 1880 + CAPABILITIES WITH OUR SPECIALTY MODELS



**HIGH-SPEED
PERFORMANCE**

Videojet 1880 UHS

The Videojet 1880 UHS is the ultimate solution for 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.



**HIGH-RESOLUTION
MICRO CODES**

Videojet 1880 HR

Engineered to consistently produce micro-characters, 2D codes, and QR codes with high-resolution clarity, the Videojet 1880 HR leaves no room for compromise. It leverages **optimized fonts**, **a redesigned printhead**, and **auto modulation capabilities** for high-resolution coding from electronics and pharmaceuticals to cosmetics and confectionery processes.

Experience unprecedented efficiency and performance with maximized productivity in high-speed production lines. Achieve high-resolution micro-codes with consistent quality from printers that are easy to use and operate. Go beyond the competition, with improved throughput, reduced downtime, and lower costs throughout the life of the printer.



Food – glass



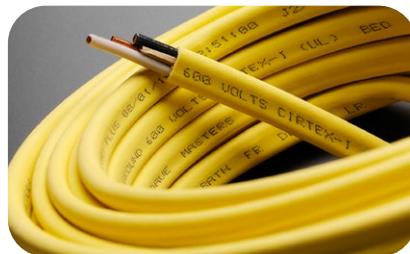
Beverage – coated cardboard



Personal care – HDPE plastic



Beverage – metal



Extrusion – plastic



Small parts marking – metal



Pharmaceutical – paperboard



Electronics – plastic



Cosmetics – glass

Get a choice of built-in Wi-Fi or cellular connectivity*

*Subject to availability in your country

High-performance printers that are easy to operate

Streamline printing operations with Videojet SIMPLICITY™

The **SIMPLICITY™ user interface** delivers code assurance out of the box, with error-proofing rules that define editable fields, permissible data types, date range restrictions, and more – greatly reducing printer interactions and potential user errors.

Line setup

Message setup can be linked to line setup for fast and seamless integration of printers on different lines.

Code Assurance

The system includes wizards and controls to guide operators and prevent coding mistakes, reducing scrap, rework, and costs.

Ease of use

The intuitive user interface requires no specific training, allowing operators to follow instructions easily.

Embedded training

On-board training videos are included in the user interface to guide operators through common tasks.



Reduce the risk of unplanned printer downtime with Videojet MAXIMIZE™

Part of the SIMPLICITY™ Suite, **Videojet MAXIMIZE™** advanced diagnostic toolset can spot patterns in printer health readings that indicate a fault is likely to occur. The printer provides on-screen notifications, and the on-board videos walk users through proactive maintenance routines.



Monitor the health of your printer to check on and avoid line stoppage and/or poor print quality.



Get user alerts when health parameters go out of normal operating ranges.



Follow user guidance through maintenance to prevent potential line stoppages.



Benefit from various recommendation options to improve performance and reduce TCO.

Service less to save more

Boost your production and cut your ongoing printer costs

The 1880 Series is designed for easy maintenance, with reduced and simplified cleaning intervals. This allows operators to focus on maintaining peak performance and optimal print quality. Additionally, the printer helps contribute to sustainability objectives with its low makeup consumption.

Ink build-up detection

Benefit from the unique printhead sensor, enabling the printer to detect build-up in the printhead and alerting the user to potential print quality issues.

Auto-rinse

Reduce code clipping with the printer's auto-rinse feature, which cleans the printhead and reduces ink build-up with a button push.

Preventive maintenance

Simplify maintenance with color-coded, easy-to-replace Videojet SmartCell™ components, requiring annual five minute replacement.

Efficient makeup

Benefit from the low makeup consumption of 3.5ml/hr and 1L cartridges, doubling the time between supply changeovers and reducing waste.



Drive productivity and uptime with the power of data and connectivity with Videojet VRS (Remote Service)

Monitor equipment status and troubleshoot issues



First to know

Know when to change cartridges or if a printer issue occurs with real-time notifications, even when away from the printer.

First to recover

Recover using onboard guided troubleshooting for faster self-repair. Automatic line/job settings backup and restoration onto spare and remote support available.

Improve long-term performance and productivity



First to understand

Understand how your production cells or lines are performing and what operator behavior may impact printer uptime, with customized dashboards.

First to improve

Improve performance by tracking and analyzing printer health data and uptime metrics, checking set-up, and identifying causes of code issues.

Communication-ready for whatever the future holds

Designed to deliver all the connectivity you need, the 1880 Series takes premium CIJ printing performance to the next level

Its communication-rich design is ready to meet both modern printing challenges and the demands of Industry 4.0. With a guided user interface, built-in monitoring, on-demand remote technical support, integrated Wi-Fi connectivity, advanced automated troubleshooting, and rapid recovery, the 1880 Series delivers efficient, productive performance in high-throughput processes.

EtherNet/IP[®]
ODVA



Seamless integration into your production environment

The 1880 Series uses standard industry protocols Ethernet/IP™ and PROFINET™ to help simplify integration.

Easy Wi-Fi connection to your internal network

The new integrated Wi-Fi antenna will allow the 1880 Series to connect easily to internal networks. With no need for LAN cables or hardwiring, the printer becomes much more mobile.



Direct cellular connection to the cloud

With no need for technical experts to access your IT network to monitor the printer, the 1880 Series printer connects directly to the cloud via cellular* technology, allowing for quick fault detection and limiting downtime, scrap, and rework.

**Subject to availability in your country*



Technology to help meet your sustainability objectives

The Videojet portfolio of high-speed CIJ printers offers the flexibility to stay ahead of ever-evolving sustainability regulations and marking demands in the packaging industry.

Our printers are designed for efficiency, and, with advanced features like **reduced ink consumption** and precise drop placement, they **minimize waste** and **enhance resource utilization**.

Combined with a growing portfolio of **high-performance, inks**, including no MEK and no CMR options, our high-speed CIJ solutions help **lower make-up**

consumption (up to 50% less for non-MEK), bringing **less operator exposure to VOC** (Volatile Organic Compounds) and reducing cartridges' **plastic consumption**.

What's more, Videojet high-speed CIJ printers are engineered to be **low-maintenance**, reducing machine downtime and maximizing availability.

Experience the combination of efficiency, reliability, and environmental responsibility as we assist you in achieving your sustainability objectives.



Videojet 1880 Series

Model name	1880 +	1880 UHS	1880 HR
Nozzle Size	60 and 70 micron	50 micron	40 micron
Ink Type	Dye Based		
Fluid Container Size Options	750ml, 1,000ml		
Make-up Fluid Consumption (MEK at 20°C)	3.5ml/hour	2.7ml/hour	2.6ml/hour
Maximum Lines of Print	5	3	3
Maximum Line Speed ⁽¹⁾	334m/min (1,097 ft/min)	508m/min (1,666ft/min)	394m/min (1,294 ft/min)
Nominal Character Height (Selectable depending on font)	From 2mm to 10mm (0.079" to 0.40")	From 2mm to 10mm (0.079" to 0.40")	From 1.2mm to 6mm (0.047" to 0.236")
Environmental Protection	IP55 or IP66		
Umbilical Length	3m (9.8 ft) optional 6m (19.6 ft)		
Message Storage Capability	More than 250 complex messages		
Smart Cartridge™	✓	✓	✓
Printhead Options	Straight, Dynamic (90 Degree)		
USB 2.0	✓ (2x)	✓ (2x)	✓ (2x)
Positive Air / CleanFlow™	Optional		
User Interface	SIMPLICiTY™ based 10.4 inch color touchscreen		
Linear and 2D Bar Codes	✓	✓	✓
QR Codes	✓	✓	✓
DataMatrix Codes	✓	✓	✓
Service Module 1 Maintenance Interval	1 Year		
Communications	Ethernet LAN and RS-232 Serial (requires RS232 connector kit)		
Extended I/O Ports and Control	Optional		
Wi-Fi and Cellular ⁽²⁾ connectivity	✓	✓	✓
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		

⁽¹⁾ 10 characters per inch, single line of print ⁽²⁾ Subject to availability in your country

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