Enabling Industry 4.0 productivity pioneers

Continuous Inkjet

Videojet® 1880

VIDEOJET

The Videojet 1880 harnesses the collective intelligence of 10,000 cloud-connected Videojet printers to help keep your line running

Avoid manufacturing downtime with the Videojet 1880 smart Continuous Inkjet (CIJ) printer, made for Industry 4.0 productivity pioneers.

The Videojet 1880 CIJ printer builds upon comprehensive insights gained from the fleet of cloud-connected Videojet printers, the largest in the industry, to enable your journey towards Industry 4.0.

Millions of hours of real-world printer data informed the 1880 design, resulting in an advanced digitally-enabled solution. The Videojet 1880 continuously monitors and tracks printer parameters so the user can proactively address potential printer issues and help ensure your production line operates without interruption.

With an industry-first ink build-up sensor and Videojet MAXIMiZE™ built-in diagnostics suite, the 1880 delivers performance without surprises.

Not only does the 1880 enable exceptional uptime, it is expressly designed to help your team improve productivity and help drive lower costs over the lifetime of the printer.
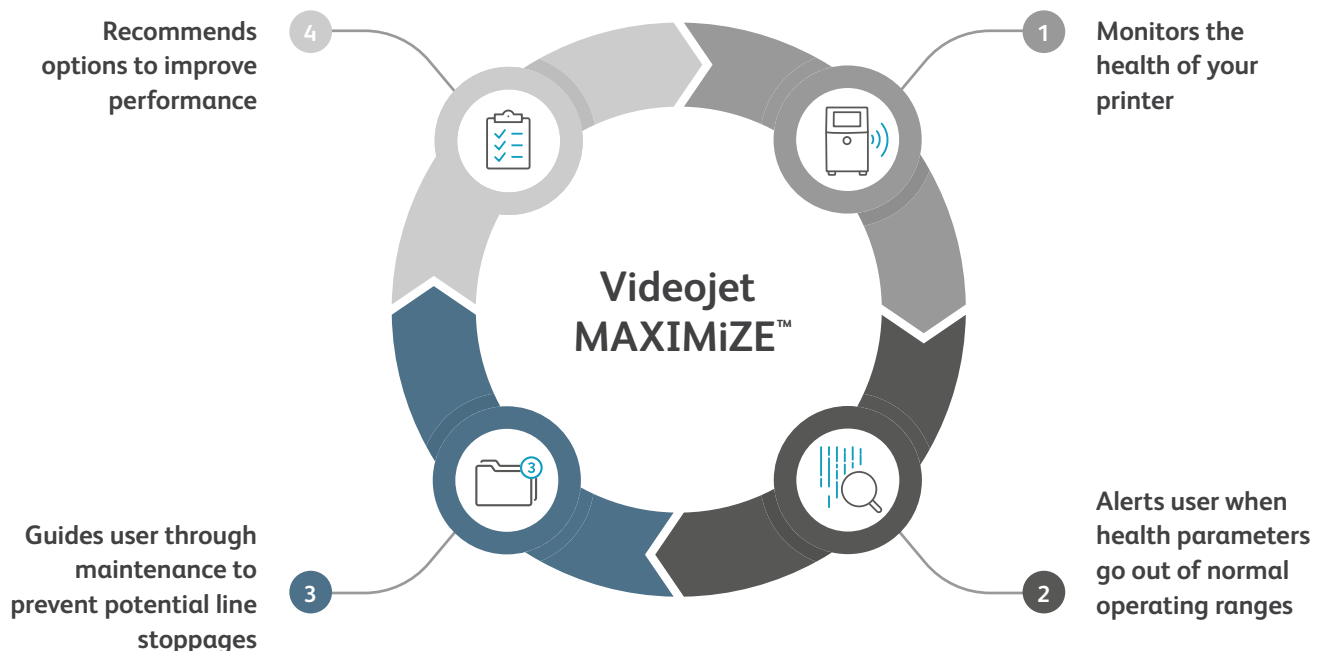
Born digital: enable your productivity journey

With a built-in vital sign monitoring system, smart alerts, on-demand remote technical support, Wi-Fi connectivity, and an advanced automated troubleshooting program, the 1880 anticipates potential printer issues in time for you to avoid them and enables you to recover faster should downtime still occur.

Reduce your main causes of unplanned printer downtime

Videojet MAXIMiZE™ advanced diagnostics suite continuously monitors printer health parameters to help operators easily identify if a fault is likely to occur. The printer provides on-screen notifications and the on-board videos walk a user through proactive maintenance routines.
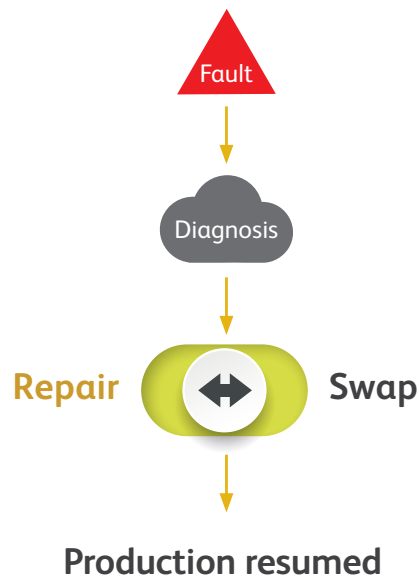
4 Recommends options to improve performance

1 Monitors the health of your printer

Videojet MAXIMiZE™

2 Alerts user when health parameters go out of normal operating ranges

3 Guides user through maintenance to prevent potential line stoppages

Fault

↓

Diagnosis

↓

Repair ⟷ **Swap**

↓

Production resumed

First-to-know

Real-time notification of printer needs, warning or fault conditions

First-to-react

Instant visibility to valuable printer and productivity information

React sooner with real-time remote visibility to faults

VideojetConnect™ Remote Service* provides real-time notification of printer issues allowing both Videojet experts and your technicians to remotely diagnose the problem.

Recover from faults more quickly

Rapid Recover™* uses advanced automated troubleshooting to quickly determine if a printer failure can be easily repaired or a spare printer needs to be deployed with printer settings automatically transferred, enabling line recovery within 20mins.

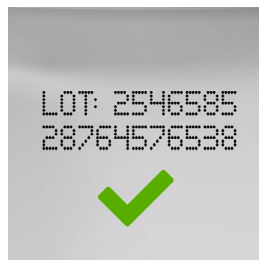*Subject to availability in your country

Ensure the right code at the right quality every time

Reduce human errors with code management and line integration capabilities. Quickly detect and fix print quality issues.

Reduce print clipping

LOT: 2546585

❌

Clipped code

LOT: 2546585
28764576538

✓

Quality code

The 1880 printhead incorporates a unique sensor which enables the printer to detect build up in the printhead, alerting the user to potential print quality issues.

With just a push of a button, the 1880 auto rinse brings ease of use and consistency to printhead cleaning, significantly reducing ink build-up – the main cause of code clipping.

Catch coding errors if they happen

For applications where print quality is critical, the 1880 supports connection to industry-leading vision systems that verify each code.

Streamline changeovers and reduce chance of errors

Remove potential for human error with the 1880 suite of line integration and code management capabilities.

CLARiSUITE™
Code Assurance Solution

The Videojet message design and code management software enables faster line set-up and changeovers, and eliminates unnecessary operator interactions, reducing the opportunities for coding errors.

EtherNet/IP®
ODVA

PROFINET®

OPC
FOUNDATION

Ethernet / IP™ is a trademark of ODVA. PROFINET® is a registered trademark of Profibus & Profinet International (PI). OPC Foundation® is a registered trademark of OPC Foundation.

Guiding you every step of the way

Our SIMPLICiTY™ 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.

Minimize operator interruptions

Our most advanced printer, the 1880 is designed to reduce and simplify cleaning intervals and cartridge changeovers, keeping your operators focused on production.

Up to 2x* replacement interval

* Compared to other Videojet models

Industry-leading make-up consumption as low as 3.5ml/hr

Choose between 0.75L and 1L cartridges. Correct cartridge sizing can reduce ink wastage or increase make-up changeover interval by 2x.

Remote access with VideojetConnect™ Remote Service†

Receive instant access to the world's largest network of CIJ experts at the touch of a button, and bring the technician directly to your line to aid troubleshooting and remote printer recovery. No other technology delivers help faster to ensure you make the right decisions when needed.

†Subject to availability in your country

Extended interval between printhead cleanings

Advanced printhead design with intelligent stop-start sequence minimizes the need for printhead cleaning by notifying the operator only when needed.

Simple preventative maintenance takes 5 minutes per year

Easily accommodate operator-performed annual preventative maintenance within your production schedule.

Videojet Technical Support remotely helps a customer set up a new coding message, avoiding delays in implementation.

When a leading food producer began using a new type of box and coding layout, the operators realized they did not have the knowledge to adjust printer settings correctly for the new application and contacted Videojet for assistance. The Field Service Engineer from Videojet connected with remote access immediately and set up the machine remotely.

Videojet Remote Service Proactive Monitoring helps a customer avoid downtime.

Videojet Technical Support team detected a 'Check Speed' warning from a printer and proactively contacted the customer to avoid downtime. The team accessed the printer's configuration through customer-granted remote access. Technical support corrected out-of-range shaft encoder parameters, allowing the printer to resume operation in just a few minutes.

Natural fit in your line

Advanced features to meet the most exacting
standards and the flexibility to expand capabilities.

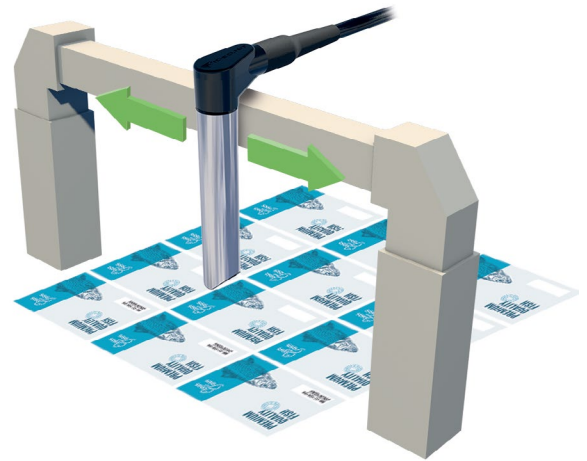**350°** degree rotating printhead

45°

Agile printhead works for your line, not against it

Unique printhead options deliver better line integration
with more mounting options and closer proximity to
the product.

Durable over-molded umbilical for traversing

The over-molded umbilical is built to last, featuring
a slim, durable design that is engineered to withstand
the toughest traversing environments.

Optimized for washdown

Optional IP66 rating eliminates the need to remove the
printer from the line during washdown and 316 grade
stainless steel provides superior rust protection.

Ink choices to match your application

With over 30 inks to choose from, Videojet can match
the ideal ink to meet your requirements.

Your pathway to productivity

Leverage our integrated suite of advanced analytics, remote connectivity, and the largest service footprint in the industry.

Videojet LifeCycle Advantage™

Improve

the capability and utilization of your printer over time

- Predictive analytics and cloud-based reporting
- Advanced performance monitoring to guide continuous improvement
- One-on-one consultation services for optimization

Maintain

the optimal performance of your printer

- MAXIMiZE™ diagnostics suite
- On-site preventative maintenance
- Remote alerts to monitor printer status
- On-demand remote and on-site training

Recover

from faults rapidly and maintain your productivity

- Rapid Recover™ automated troubleshooting
- Largest service footprint with unmatched response time
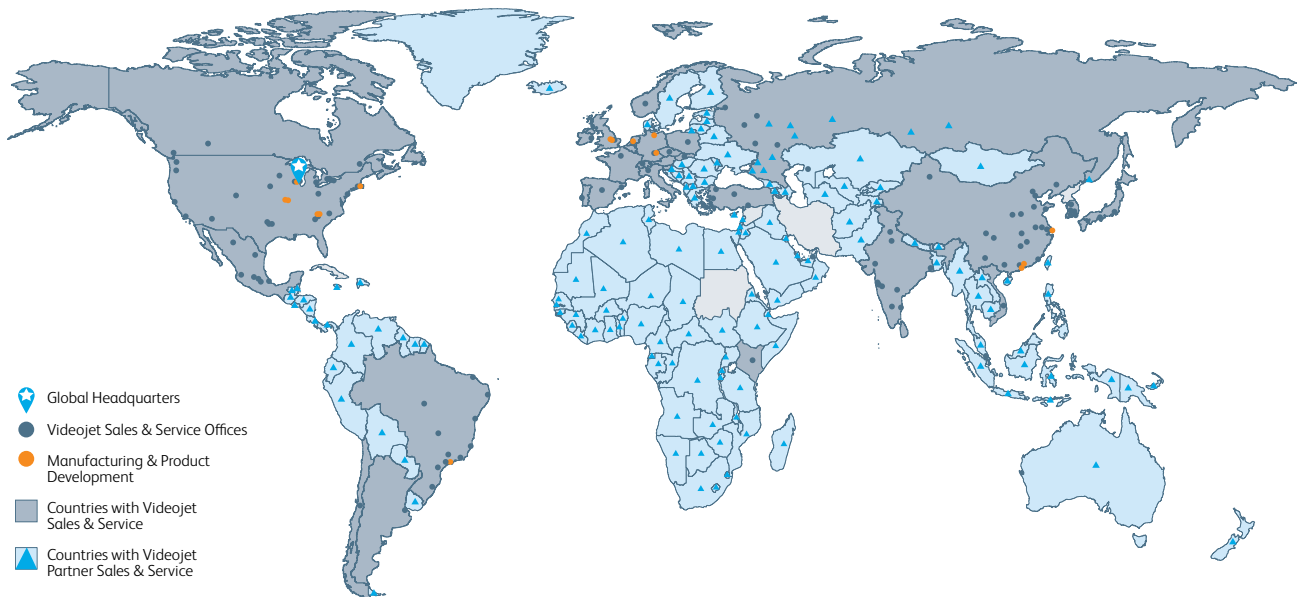- Remote Videojet CIJ experts available on-demand

Peace of mind comes as standard

Videojet Technologies is a world-leader in the product identification market, providing in-line printing, coding, and marking products, application specific fluids, and product LifeCycle Advantage™.

Our goal is to partner with our customers in the consumer packaged goods, pharmaceutical, and industrial goods industries to improve their productivity, to protect and grow their brands, and to stay ahead of industry trends and regulations. With our customer application experts and technology leadership in Continuous Inkjet (CIJ), Thermal Inkjet (TIJ), Laser Marking, Thermal Transfer Overprinting (TTO), case coding and labeling, and wide array printing, Videojet has more than 400,000 printers installed worldwide.

Our customers rely on Videojet products to print on over ten billion products daily. Customer sales, application, service and training support is provided by direct operations with over 4,000 team members in 26 countries worldwide. In addition, Videojet's distribution network includes more than 400 distributors and OEMs, serving 135 countries.

Global Headquarters
Videojet Sales & Service Offices
Manufacturing & Product Development
Countries with Videojet Sales & Service
Countries with Videojet Partner Sales & Service

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