



Marking, coding and systems solutions

# Industrial product guide



# Your brands matter. Protect and enhance them with Videojet.

Whatever your requirements, Videojet has coding and marking solutions to meet your many production needs. Offering a wide variety of coding technologies, specialized inks and fluids, advanced software and a dedicated global service team, we can help you to print on virtually every package type and substrate



## **Continuous Inkjet (CIJ)**

Fluid-based, non-contact printing of up to five lines of text, linear and 2D bar codes, or graphics, printed on a variety of packaging types including stationary packaging via traversing systems.



## **Thermal Inkjet (TIJ)**

Ink-based, non-contact printing using heat and surface tension to move ink onto a package surface. Generally used to print 2D DataMatrix and other bar codes.



## **Laser Marking Systems**

A beam of infrared light focused and steered with a series of carefully controlled small mirrors to create marks where the heat of the beam interacts with the packaging surface.



## **Thermal Transfer Overprinting (TTO)**

A digitally controlled printhead precisely melts ink from a ribbon directly onto flexible films to provide high resolution, real-time prints.



## **Label Printer Applicator (LPA)**

Prints and applies labels of various sizes on multiple package types.



## **Large Character Marking (LCM)**

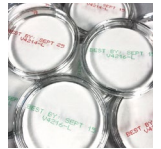
Ink-based, non-contact printing of multiple data types (alphanumeric, logos and bar codes) in large sizes primarily used for shipping cases.



### Videojet® 1880 Inkjet Printer

Avoid production downtime with the Videojet 1880 printer, made for Industry 4.0 productivity pioneers. With a built-in vital sign monitoring system, smart alerts, Wi-Fi connectivity, and an advanced automated troubleshooting program, the 1880 anticipates potential printer issues in time for you to avoid them and helps enable you to recover faster, should downtime still occur.

- Up to 5 lines of print at speeds up to 1,097fpm (334mpm)
- Reduce downtime with the Videojet MAXIMIZE™ advanced diagnostics suite
- Recover from faults more quickly with RapidRecover™ automated troubleshooting engine
- Simplify cleaning procedures to just a push of a button with Auto-rinse feature



### Videojet® 1040 Inkjet Printer

Experience high quality print and automatic maintenance procedures to keep your printer running optimally at great value.

- Ideal for basic inkjet marking production needs
- Up to 3 lines of code with maximum line speed: 130 m/min (426.5ft/min)
- 7" LCD Touch Screen
- No mess, no waste, no mistake Smart Cartridge™ fluid delivery system reduces waste



### Videojet® 1580 Inkjet Printer

This printer is designed to deliver improved printer performance and operator effectiveness, simple operation, reduced maintenance and superior print quality during every day operation. Printer performance can be monitored to help reduce total cost of ownership.

- Up to 5 lines of code with speeds up to 914 fpm (279 mpm)
- Lower the opportunity for coding errors with intelligent message creation functionality
- Analyze individual use patterns and receive printer improvement opportunities via on-screen alerts
- Eliminate potential user errors through the Videojet SIMPLICITY™ interface that greatly reduces operator printer interactions



### Videojet® 1240 / 1280 Inkjet Printer

Videojet has redefined simple with the 1240 / 1280 printers. From the intuitive interface to smart design features, it's simple for all operators to use.

- Print up to 5 lines of print at speeds of up to 533 fpm (162 mpm)
- SIMPLICITY™ user interface greatly reduces operator printer interactions, helping to eliminate potential user errors through an intuitive, 8" touchscreen display, on-board video guides
- Modular wear parts enable easy and reliable replacement by the customer
- No mess, no waste, no mistake Smart Cartridge™ fluid delivery system reduces waste parts replacement



### Videojet® 1710 and 1610 Dual Head Inkjet Printers

For applications that require easily readable codes on dark or difficult to mark materials, the 1710 delivers high contrast codes from a reliable, simple to operate system. Two printheads on the 1610 Dual Head deliver flexibility to print more content, print on two separate locations on a package, or print on two lanes of a multi-lane application.

- Up to 5 lines of code from each printhead with speeds up to 888 fpm (271 mpm) with the 1710 and up to 960 fpm (293 mpm) with the 1610 Dual Head
- No mess, no waste, no mistake Smart Cartridge™ fluid delivery system reduces waste
- Airless, pump-driven system with 12,000 hour core life
- Advanced CleanFlow™ printhead design maximizes uptime



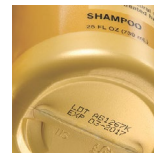




## Videojet® 1210 / 1510 / 1530 / 1610 / 1630 Inkjet Printers

Designed for customers with high speed production lines and around the clock coding, this inkjet printer provides superior uptime in high speed applications for greater productivity, and extended production runs before required preventive maintenance.

- Up to 5 lines of high-resolution print with speeds up to 960 fpm (293 mpm)
- No mess, no waste, no mistake Smart Cartridge™ fluid delivery system reduces waste
- Airless, pump-driven system with up to 14,000 hour core life (model dependent)
- Advanced CleanFlow™ printhead design in the 1520, 1530, 1610, 1620 and 1630 printers maximizes uptime
- Long Life Core™ technology in the 1630 printer for five years of operation between planned wear parts replacement



## Videojet® 1620 High Resolution (HR) and Ultra High Speed (UHS) Inkjet Printers

Videojet HR printers are engineered for micro print applications where legibility is critical and print space is limited, addressing the demand for more content in less space. Our UHS printers are designed to operate at the extremes of packaging line speeds, delivering content and quality at high throughput levels.

- HR: print up to 3 lines of code at speeds up to 1,142 fpm (348 mpm) and 0.6mm print height
- UHS: deliver superior print quality and up to 3 lines of code at speeds up to 1,666 fpm (508 mpm)
- No mess, no waste, no mistake Smart Cartridge™ fluid delivery system reduces waste
- Advanced CleanFlow™ printhead design maximizes uptime



## Wolke m610® oem Thermal Inkjet Printer

Intelligent in design and practical in build, the m610 oem delivers breakthrough integration versatility combined with the industry's most powerful data handling and global track and trace capabilities. Designed to meet present and future serialization requirements for pharmaceutical applications.

- Powerful and secure pharma serialization data handling
- Flexible web interface enables easy print control from any large screen user interface
- Print speeds up to 300 mpm (984 fpm) at 600 x 600 dpi resolution
- Up to 60% smaller than comparable TIJ controllers with 24V DC power for easy installation



## Videojet® 8520 / Wolke m610® advanced Thermal Inkjet Printers

Suitable for a range of coding challenges for industrial and pharmaceutical applications. These systems deliver high resolution print with clean, no mess operation on a variety of carton substrates.

- Intuitive, icon-driven interface with on-screen message editing
- Line speeds up to 360 fpm (109 mpm) at 600 x 240 dpi resolution
- Print a wide range of linear and 2D codes, including DataMatrix and QR codes
- Ideal for simple data, lot coding as well as advanced coding applications including high speed serialization



## Videojet DataFlex® 6330 iAssure™ enabled Thermal Transfer Overprinter

The DataFlex® 6330 is ideal when uptime, performance and throughput are critical. This system combines consistent code accuracy with the latest technology, reducing time spent on quality checks, packaging waste, and rework.

- Offers iAssure™ technology, a built-in code quality checker that helps reduce waste and rework with no additional hardware, installation or training
- Reduce costs and downtime, maximize printhead life and gain consistent print quality thanks to airless Videojet Intelligent Motion™ technology
- Industry-leading simple cassette change designed for fast ribbon replacement to maximize production uptime



## Videojet DataFlex® 6530 iAssure™ enabled Thermal Transfer Overprinter

This high-speed thermal transfer overprinter is built to offer superior performance and consistent high-quality printing. The airless, patented all-electronic system offers maximized uptime advantage and integration flexibility.

- 53mm model features Videojet iAssure™ technology, a built-in code quality checker that helps reduce waste and rework with no additional hardware, installation or training
- Up to 1,200m ribbon capacity and a variety of ribbon economy modes help maximize the time between ribbon changeovers (iAssure™ technology is not currently supported for use with all ribbon savings modes)
- Videojet CLARITY™ software helps ensure the right code is consistently printed on the right product
- Patented bi-directional clutchless ribbon drive delivers more prints per roll; reduces ribbon breaks

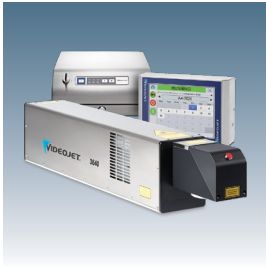




## **Videojet® 6230 Thermal Transfer Overprinter**

The 6230 printer delivers easy usability with built-in Code Assurance features to help significantly reduce costly coding errors when marking onto flexible packaging.

- Simple change ribbon cassette allows for fast and easy ribbon replacement
- Intuitive tablet-like 5.0" (12.7cm) touchscreen controller with CLARiTY™ interface makes set up fast and easy, with fewer mistakes
- Easy code creation with VideojetConnect™ Design or CLARiSOFT™ software
- Airless operation removes the need for plant air



## **Videojet® 3640 60-Watt CO<sub>2</sub> Laser Marking System**

Laser marking, etching and coding is a non-contact printing method producing mark quality, permanent print and large surface messaging. The new 3640 60W CO<sub>2</sub> laser offers manufacturers all these qualities alongside high uptime and simplified maintenance plus the flexibility to produce the accurate information you need to mark on your products.

- Unique serialized information - an individual code and more information per product
- Up to 2,100 characters per second, coding at the highest speeds
- Easy, seamless coding on a variety of materials like plastic, cardboard or paper
- Fully focused on providing more code content from faster data without compromising line speeds.



## **Videojet® 3340 30-Watt CO<sub>2</sub> Laser Marking System**

This 30-Watt CO<sub>2</sub> laser offers a powerful combination of performance and flexibility, delivering high quality marks on moderate to high speed lines. The 3340 is an ideal solution for printing complex codes at high speeds.

- High speed capability allows for marking 150,000 products per hour
- Large selection of marking windows offers optimally matched applications for faster marking
- Optional CLARiTY™ Laser Controller offers software features that help reduce operator error
- Flexible integration solution with 32 standard beam delivery options



## **Videojet® 3140 10-Watt CO<sub>2</sub> Laser Marking System**

This 10-Watt CO<sub>2</sub> laser marking system is engineered for applications that require high quality marking at moderate line speeds. This system addresses both simple and complex code requirements for a range of substrates.

- Print speeds up to 2,000 characters/second and line speeds of up to 2,953 fpm (900 m/min)
- Large selection of marking windows offers optimally matched applications for faster marking
- Optional CLARiTY™ Laser Controller offers software features that help reduce operator error
- High resolution marking head delivers consistent, crisp codes



## **Videojet® 7510 and 7610 Fiber Laser Marking Systems**

The 7510 50-Watt and 7610 100-Watt fiber lasers deliver high contrast marking on robust plastic packaging, metal containers and other industrial products at ultra-fast line speeds.

- Maximum performance and laser source life expectancy up to 100,000 hours
- Large marking window provides more time to mark, increasing throughput and maximizing productivity
- High precision scan head delivers consistent, high quality codes across the entire mark window
- Intuitive color touchscreen option makes training and usability quick and easy



## **Videojet® 7340 and 7440 Fiber Laser Marking Systems**

These 20- and 30-Watt versatile fiber laser marking systems are the first to feature Lightfoot™, the smallest fiber laser marking head on the market, making them easy to integrate, operate and service.

- Simple integration, reduced installation costs, and an increased freedom of positioning with an industry-first, compact, fiber laser marking head
- Easy set-up and fast product changeovers with the integrated pilot beam focus finder that can reflect the code and actual size of the marking field
- IP69 laser marking head for worry-free usage in washdown and harsh environments





### **Videojet® 7230 and 7330** Fiber Laser Marking Systems

These 10- and 20-Watt pulsed fiber laser marking systems are compact and versatile for engraving metals and other hard to mark substrates.

- Small marking head and a variety of lens and beam delivery options provide easy integration into production machinery
- High efficiency solid-state laser source generates very little heat, for nearly maintenance-free operation over years of usage
- Flexible and powerful software gives complete control over message format and content



### **Videojet® 7810** UV Laser Marking System

Pharmaceutical, medical and cosmetic industries can utilize UV laser marking to deter tampering and counterfeiting, helping to ensure lifetime brand protection and traceability. The 7810 laser system delivers permanent, high-grade readable codes to consistently meet quality requirements for optimal vision system readability.

- 2-Watt Ultraviolet wavelength laser marking of quality, vision readable 2D codes up to 5.0 m/sec.
- Permanent, high contrast marks on HDPE/LDPE and DuPont™ Tyvek® packaging
- High throughput on both rotary and linear applications up to 250 products per minute with no code distortion



### **Videojet® 2300 Line** Inkjet Printers

These large character inkjet printers deliver high quality codes on cases and cartons, helping to reduce costs associated with pre-printed cases and labels.

- 180 dpi resolution for high quality codes such as alphanumerics, bar codes, and graphics on corrugate cases and shipping containers
- Small, single-unit system with printhead heights of 2.1" and 2.8" (53 and 70 mm)
- Consistent print quality from printhead micro-purging with every print and reduced cost of ownership from unique ink-recycling circuit



### **Unicorn® and Unicorn® II** Inkjet Printers

Compact, single and twin-line, low resolution printing systems that can be programmed quickly and easily.

- Print heights up to 1.0" (25 mm) at speeds up to 200 fpm (61 mpm); model dependent
- Automatic date change, clock functions, consecutive counts and 52-message memory storage capacity
- Product names, identification numbers, automatic production counts and accurate time code capabilities are available at the touch of a button

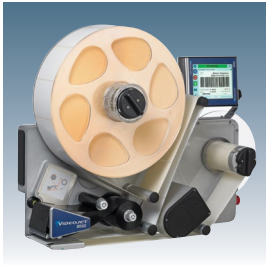


### **Videojet® 2120** Inkjet Printer

Easy-to-use printer for applying single or twin-line alphanumeric codes to a variety of products or packages. A choice of printheads and inks enable printing on a wide range of porous and nonporous materials.

- Print heights up to 2.0" (50 mm) at speeds up to 371 fpm (113 mpm); printhead dependent
- Multiple printhead and ink options provide application flexibility
- Easy operation reduces coding errors and guided installation reduces setup/startup time
- Advanced message management features





## **Videojet® 9550** Print & Apply Labeler with Intelligent Motion™

Maximize your line uptime, increase productivity and remove the risk of mislabeling packages with the most advanced and user-friendly print and apply labeling system.

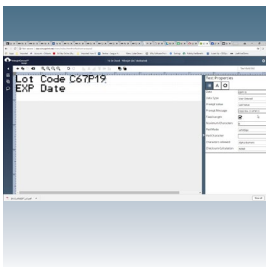
- Optimizes maintenance labor by eliminating more than 80% of wear parts
- Minimize operator touches with on-board label database for accurate job selection
- Virtually eliminate label jams and simplify set-up with Direct Apply™ for top or side applications
- Corner wrap, front of pack and tamp module options available
- Zero mechanical adjustments during day-to-day operation



## **CLARiSUITE™** Solutions

These solutions help ensure the right code is on the right product from line to line and plant to plant, increasing productivity, reducing costs and protecting your brand.

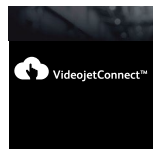
- Set up multiple printers from a single location, minimizing time needed to stop the line
- Centrally stored and managed job data helps avoid delays in starting production runs
- Code Assurance features help ensure the right code is on the right product
- Printers can be maintained from one single screen without having to visit each printer individually



## **VideojetConnect™ Design: Template Management**

With VideojetConnect™ Design, manufacturers can easily and cost-effectively get the code assurance inherent in moving message design off the plant floor. It is available for use with our CIJ, TTO, LCM, LPA, and TIJ print technologies. Expanding on the functionality established with our popular CLARiSOFT™ message design package, this application also offers:

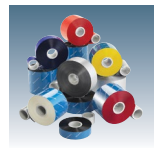
- A more modern, intuitive layout that requires less navigation
- Enhanced “builder” functionality to create lot codes, expiration date codes, and GS1 compliant 1D and 2D bar codes
- As a cloud-based software, no installation or ongoing maintenance is required, and authorized users can access and share templates from internet-enabled devices



## **Videojet® Supplies**

Videojet provides over 15 types of ribbon and 640 application-unique fluids are available to meet nearly any application requirement. Extensive testing of the ink and printer combination helps ensure consistent performance.

- Broad range of general purpose and specialty inks, including thermochromic and food grade to solvent resistant
- Full range of TTO ribbons designed to meet the challenges of flexible packaging applications
- Videojet fluids are engineered to enhance the performance of Videojet printers and increase production efficiency
- Backcoat technology as standard on TTO ribbons helps extend printhead life and printer uptime



## **Our commitment to sustainability**

We are committed to conducting our business with respect to the impact on people and our planet in everything we do. We drive sustainability through our people, product innovation and environmental impact, powered by the Danaher Business System (DBS). This is true wherever we operate, including our facilities, customer sites, supply chain, communities, and environment.



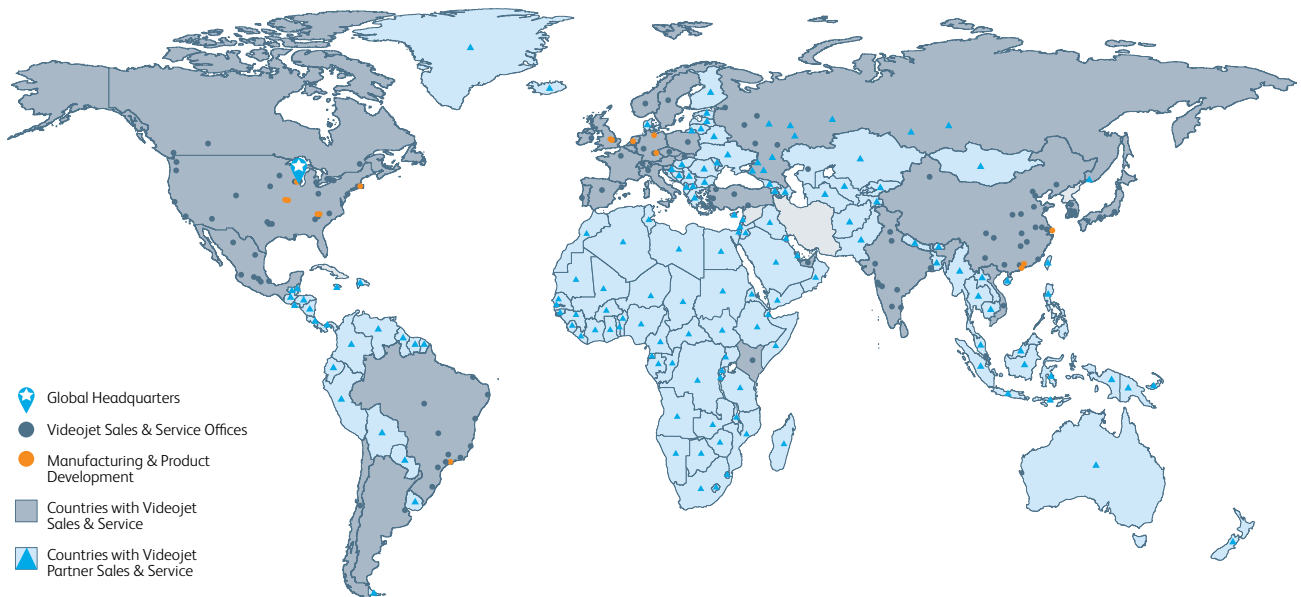


# Peace of mind comes as standard

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.



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