Marking, coding and systems solutions

Industrial product guide

Videojet
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® 1550 / 1560 / 1650 / 1660 Inkjet Printers

These printers deliver a printhead that stays cleaner, simpler operation with practically fool-proof code entry and Productivity tools get to the cause of downtime events to help prevent them.

- Superior print quality and up to 5 lines of code at speeds up to 960 fpm (293 mpm)
- Code Assurance features help ensure the right code is on the right product
- Simple operation and increased uptime with 12,000 or 14,000 hour core life (model dependent)
- Long Life Core™ technology in 1560 and 1660 printers for 5 years of operation between planned wear parts replacement

Videojet® 1220 / 1520 / 1620 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 and 1620 printers maximizes uptime

Videojet® 1610 Dual Head Inkjet Printer

Two printheads deliver flexibility to print more content on a package, 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 960 fpm (293 mpm)
- 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® 1710 Inkjet Printer

For applications that require easily readable variable data codes on dark or difficult to mark materials, the Videojet 1710 delivers high contrast codes from a reliable, simple to operate and maintain system.

- Up to 5 lines of code with speeds up to 888 fpm (271 mpm)
- No mess, no waste, no mistake Smart Cartridge™ fluid delivery system reduces waste
- Advanced CleanFlow™ printhead design maximizes uptime
- Superior uptime with pigmented inks for bright, clean, easily readable codes

Videojet® 1860 Inkjet Printer

With the 1860, Videojet has re-imagined continuous inkjet printing technology by integrating leading on-board intelligence and communication with revolutionary technology features. Not only does the 1860 deliver unparalleled uptime, but its unique predictive capabilities improve productivity and continuously drive lower costs over the lifetime of the printer.

- Performance without surprises – uptime when you need it
- Minimal touch design – keeps operators focused on production
- Natural fit in your line – works the way you want to work
- Built-in evolution – improves your operations today and tomorrow

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Videojet® 1620/1650 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 5 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 4 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 m600® oem Thermal Inkjet Printer

Intelligent in design and practical in build, the m600 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® 8610 / Wolke m600® universal Thermal Inkjet Printers

Delivering revolutionary printing technology for films, foils, plastics and coated stocks, these printers combine the simplicity of thermal inkjet with the performance of MEK-based inks.

- Cartridge Readiness System™ prevents ink drying in the nozzles during production stops, providing clean, repeatable codes
- New print array with each cartridge change helps ensure peak performance
- Prints simple text or more complex marks for a range of applications
- Advanced software virtually eliminates set-up errors

Videojet® 8510 / Wolke m600® advanced / basic 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 250 fpm (75 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 / 6530 iAssure enabled Thermal Transfer Overprinter

The 6330 and 6530 with iAssure are the latest Dataflex® Thermal Transfer Overprinters where uptime, performance and throughput have been identified as critical to your goals. They combine consistent code accuracy with the latest technology, to reduce time spent on quality checks, packaging waste and rework, giving you a more productive operation.

- Fully integrated iAssure optical Sensors reduce stoppages, waste and re-work
- Elegantly simple design addresses TTO legacy issues - removing unnecessary working points and adding the ‘gift of sight’
- Predict events and protect your investment
- Print high quality codes consistently
**Videojet® 3020 10-Watt CO2 Laser Marking System**

Compact and easy to set up, the 3020 is a versatile, entry-level 10-Watt CO2 laser. With scribing laser technology and large marking fields, this system provides excellent mark quality on paper, cardboard, plastics and other materials.

- Top speeds up to 500 characters/second
- Excellent mark quality due to the scribing laser technology and large marking fields
- Compact size and versatility make it easy and quick to set up new jobs or move the unit
- Offers Videojet proven uptime in an affordable entry level laser coder

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**Videojet® 3140 10-Watt CO2 Laser Marking System**

This 10-Watt CO2 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

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**Videojet® 3240 30-Watt CO2 Laser Marking System**

This 30-Watt CO2 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

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**Videojet® 3640 60-Watt CO2 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 CO2 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.

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**Videojet DataFlex® 6210 Thermal Transfer Overprinter**

This cost-effective solution is ideal for users moving to a digital option from equipment such as hot stamp or roller coders. It is ideal for lower speed intermittent and continuous motion flexible packaging applications.

- Patented bi-directional clutchless ribbon drive delivers more prints per roll and reduces ribbon breaks
- 300 dpi print resolution helps ensure high quality variable data codes
- Intuitive, CLARiTY™ user interface and 5.7” (14.5 cm) color touchscreen makes set up fast and easy with fewer errors

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- High resolution marking head delivers consistent, crisp codes
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® 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® 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® 7220 and 7320 Fiber Laser Marking Systems

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

- The smallest marking head in the industry 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® 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 alphanumericics, bar codes, and graphics on corrugate cases and shipping containers
- Small, single-unit system with printhead heights of 0.7", 2.1" and 2.8" (17, 53 and 70 mm)
- Consistent print quality from printhead micro-purging with every print and reduced cost of ownership from unique ink-recycling circuit

Videojet® 2000 Line 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

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**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

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**VideojetConnect™ Remote Service**

Delivers on-board remote service capability and instant access to the world’s largest CIJ expert network. Bring the technician directly to the line to assist with troubleshooting and fast track printer recovery. No other service delivers help faster to help you make the right decisions in the right place at the right time.

- Real-time notification of printer needs, warning or fault conditions
- Instant visibility to valuable printer activity
- With remote recovery, Videojet expertise is virtually a click away

*Subject to availability in your country

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**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

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**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

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**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
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 life cycle services.

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 345,000 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.