



Marking, coding and systems solutions

# Tobacco







# **We know the unique challenges you face on your production lines**

**From keeping the lines running, to the unique needs of multiple brands in a constantly changing regulatory environment, Videojet has coding solutions to help you get the best code on every product, time after time.**



## Protect your brands and your uptime

### **Tobacco coding demands sophisticated solutions and near constant uptime — we can help.**

Whether a large international tobacco company with many brands or a specialized tobacco producer, coding plays an integral part in your production line. Videojet offers coding technologies for your applications – from packs and cans to cartons and cases – to help you comply with the increasingly difficult track and trace requirements across the globe.

#### **Uptime advantage**

In an industry with non-stop production cycles, we know you cannot afford coder-related downtime. We have the technology to help keep your lines running.

#### **Code Assurance**

Flexible, rules-based coding and communication, configured to get the right code in the right place, on the right product, time after time.

#### **Built-in productivity**

Videojet equipment integrates seamlessly into hinge-lid packers, carton packers and other tobacco equipment, facilitating work-flow to help meet your production goals.

#### **Simple usability**

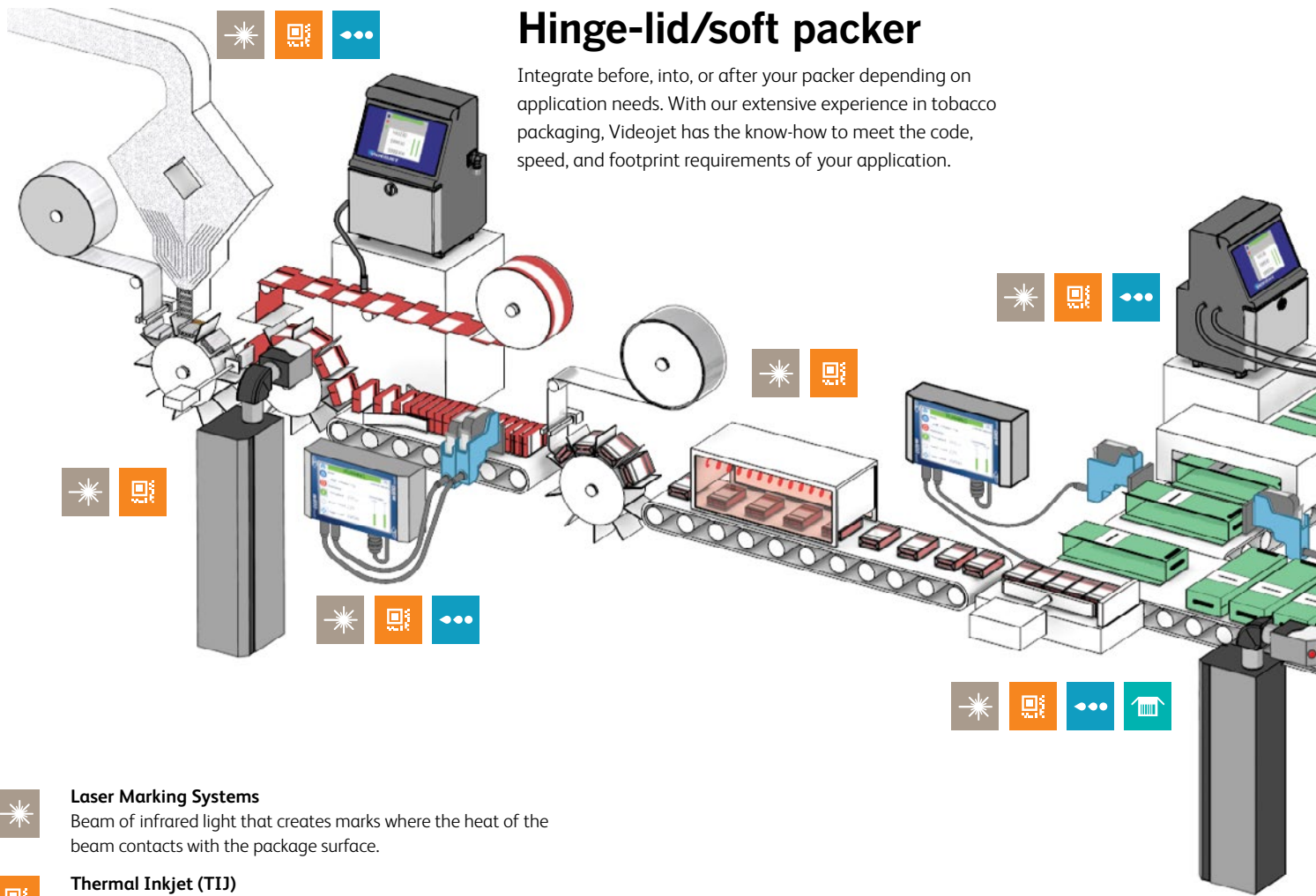
We focus on the smallest details to improve your operators' user experience. This allows for less maintenance and fewer errors, so you can focus on what matters most: your product.

# Innovative solutions for every step of your process

Running at rapid speeds around-the-clock, tobacco companies ask a lot from their production staff. Offering a full suite of coding solutions, Videojet can help make your job easier. Our technology delivers high-quality codes reliably and efficiently, while meeting the challenge of demanding production line speeds.

## Hinge-lid/soft packer

Integrate before, into, or after your packer depending on application needs. With our extensive experience in tobacco packaging, Videojet has the know-how to meet the code, speed, and footprint requirements of your application.



### Laser Marking Systems

Beam of infrared light that creates marks where the heat of the beam contacts with the package surface.



### Thermal Inkjet (TIJ)

Ink-based non-contact printing that is generally used to print 2D DataMatrix and other bar codes.



### Continuous Inkjet (CIJ)

Ink-based printing of up to five lines of text and 2D bar codes on a variety of packaging types, including stationary packaging via traversing systems.



### Label Printer Applicator (LPA)

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

### Large Character Marking (LCM)

Ink-based, non-contact printing of tall codes, including alphanumeric, logos, and bar codes in large sizes primarily for cases.



## Coding technologies for your packaging type:

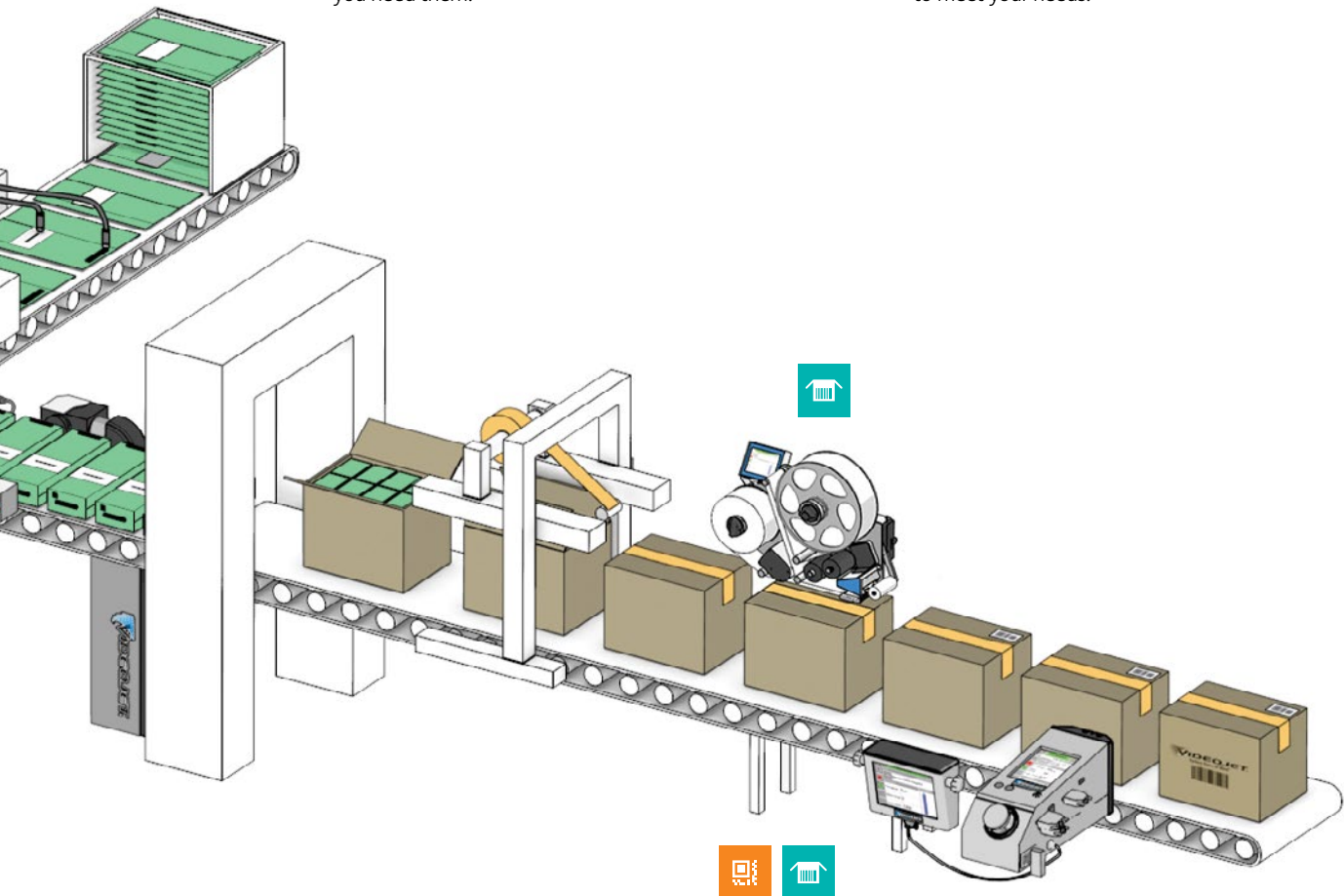
Printing application	Laser	TIJ	CIJ	LPA	LCM
Hinge-lid packs	✓	✓	✓		
Soft cup	✓		✓		
Cartons	✓	✓	✓	✓	
Pouches, cans and other containers	✓		✓		
Case	✓	✓		✓	✓

### Cartoner

Regardless of your carton packing configurations or coding preferences, Videojet offers automated solutions and seamless integration into your production lines. This helps you deliver high-quality codes where you need them, when you need them.

### Case packer

Videojet end-of-line technologies provide class-leading, consistent print quality on porous secondary packaging materials. Whether you require 2D codes for track and trace or larger prints for generic case coding, Videojet has a solution to meet your needs.



## Soft packs

# Flexibility to meet your production needs

Combining fast line speeds with multiple daily changeovers, soft packaging requires flexible coders that will not slow you down. Our printers are designed for built-in productivity and simple usability, meaning we can meet the throughput needs of your packaging line while helping to make life easier for your operators.



### Did you know?

Videojet's Dual Head inkjet printers are designed for applications requiring codes in two locations. The dual printheads can be operated independently or in tandem, each capable of delivering several lines of print at speeds of up to 293 meters per minute, all in a single footprint.



### Laser Marking Systems

- Creates permanent marks on a wide range of materials
- Proven track and trace solutions for soft pack applications using the Videojet range of lasers

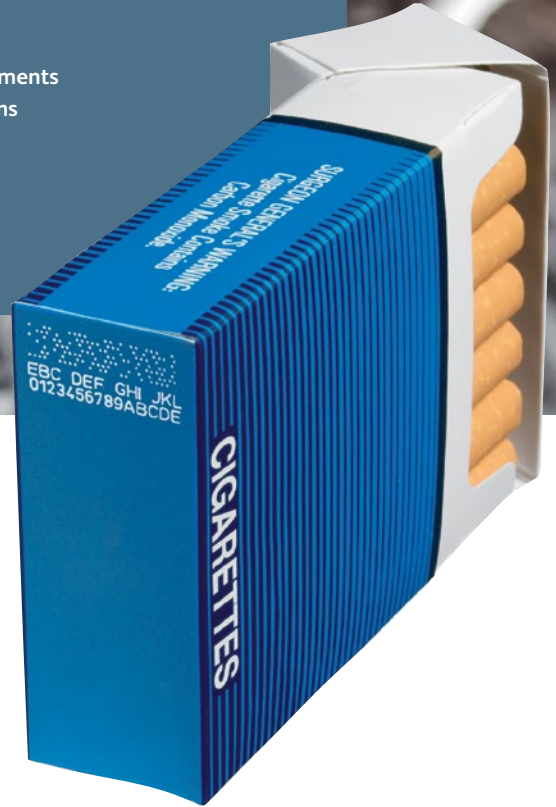
### Continuous Inkjet (CIJ)

- Versatile coding method for irregular or curved surfaces
- Dynamic Calibration™ automatically adjusts to environmental changes to help ensure consistent print quality

## Hard packs

# Keep pace with hinge-lid production lines

As packing equipment approaches 1,000 packs per minute and regulatory environments evolve, demands on print speed and print quality are compounded. Videojet designs printers and inks to meet the breakneck speeds of the tobacco industry.



## Did you know?

Videojet offers solutions that are track and trace compatible and FCTC and EUTPD compliant. Offering one of the largest selections of marking heads and focal distance combinations, we can optimize speed and power settings to meet your specific production needs.



## Laser Marking Systems

- No inks or fluids required, thereby eliminating the potential of ink migration through packaging
- The Videojet range of lasers can mark dotcodes and alphanumeric text at industry speeds

## Thermal Inkjet (TIJ)

- Proven solution for multiple line codes and bar codes at high speeds
- No wear parts, minimizing unexpected downtime

## Continuous Inkjet (CIJ)

- Codes adhere to virtually all carton materials
- Ultra High Speed printers break the compromise between speed and code quality

## Cartons

# Unlock track and trace capabilities


Videojet printers can print both human-readable and 2D codes to help enable track and trace for your cartons. Coders can be easily integrated into carton packaging equipment from leading tobacco OEMs, helping to minimize the footprint on your production line. Videojet printers have compatibility and connectivity features with the worlds leading tobacco serialization and aggregation equipment for cartons.



### Did you know?


The thermal inkjet Wolke m600 has been implemented in hundreds of tobacco packaging lines. With its small printheads, the m610 integrates seamlessly into tobacco OEM equipment, and excels at printing multi-line and 2D codes.






### Label Printer Applicator (LPA)

- Produces high-resolution text, as well as 2D and linear bar codes
- Videojet's LPA is designed for ease of use and low maintenance




### Laser Marking Systems

- Clear, permanent marks help protect your brand from counterfeiting
- Videojet fume extraction systems help keep the production environment and marking lens clean



### Thermal Inkjet (TIJ)

- Creates crisp, machine-readable QR, DataMatrix and bar codes
- Videojet's long decap TIJ inks help ensure good code recovery



### Continuous Inkjet (CIJ)

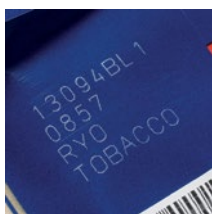
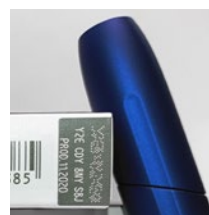
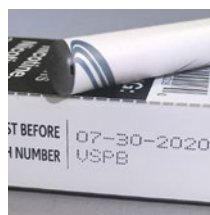
- Designed to perform in dusty conditions
- Increase lines of content or create emboldened content at current line speeds using Ultra High Speed technology



## Pouches, cans, and other containers

# Versatility to code on almost anything

As packaging innovation evolves in chewing and loose tobacco, Videojet has solutions to meet your needs and offers everything from food-grade inks for porous substrates to pigmented inks for difficult-to-code plastics.



### Continuous Inkjet (CIJ)

- Portfolio of over 175 ink offerings supports a wide variety of substrates
- Advanced Clean Flow™ printhead design reduces printhead cleaning frequency –even for pigmented ink

### Laser Marking Systems

- Clean, crisp codes that convey a premium brand image
- Videojet's large marking fields help optimize power settings and avoid pouch burn through



### Did you know?

Videojet offers continuous inkjet printers that use pigmented inks to create bright, clean codes on dark and difficult-to-code surfaces. Designed to maximize uptime, these printers feature an innovative ink management system that constantly agitates the ink, extending the time between scheduled maintenance.

## Case coding

# Empower your supply chain

Legible case coding is the cornerstone of effective inventory management throughout the supply chain. Videojet technology can help in a variety of ways, providing high resolution printing for direct-to-the box and automatic label applications.



### Did you know?

Videojet offers high resolution, large character inkjet printers that benefit from a patented micropurge process that helps to automate cleaning of the printhead and improve ink utilization. This process helps ensure clean, crisp text and scannable bar codes.



### Large Character Marking (LCM)

- Print high resolution bar codes, logos and other information directly on cases
- Eliminates the cost, storage and management of labels and need for customer-specific pre-printed cases



### Label Printer Applicator (LPA)

- High quality thermal transfer coding direct to labels
- Automatic application offers greater speed, accuracy and error prevention than hand labeling



### Thermal Inkjet (TIJ)

- Creates complex, detailed codes on paper-based substrates
- Combining compact design and flexible communication choices, our TIJ printers integrate easily into your line

## Service and integration

# Enhance your printing solution

We take a consultative approach to your coding applications, surrounding your printer with service and integration offerings to create an end-to-end solution. Videojet has experience implementing successful integration of coding solutions into your packaging equipment.



## Service

### Global partner

- with a sales and service presence in over 100 countries, Videojet has the coverage to support your global operations
- staff training and consignment part offerings can help support self-maintained product lines
- under leasing arrangements, Videojet will fully maintain your equipment for a flat monthly fee *(terms and conditions apply)*



## Supplies

### Specially developed inks and fluids

- whether solving for fast dry times, adhesion to plastics, or protection of product integrity, the Videojet portfolio of 640 inks and fluids can meet your coding requirements
- Videojet ink specialists will partner with you to produce a customized ink, designed specifically for your requirements

## Control systems

### Centralized management and printing control

- Videojet offers a range of leading printer management and vision systems to complement track and trace implementations
- Videojet integrated solution specialists can develop centralized, printer-level control systems to manage all of your printers from a single screen
- automated data upload and flexible formatting to integrate with your ERP system



## Accessories

### Customized accessories for tobacco applications

- beam turning units allow lasers to integrate into tight spaces
- multiple head TIJ offerings enable solutions to scale to meet speeds of tobacco industry
- dual head CIJ printers allow for several lines of code in multiple locations

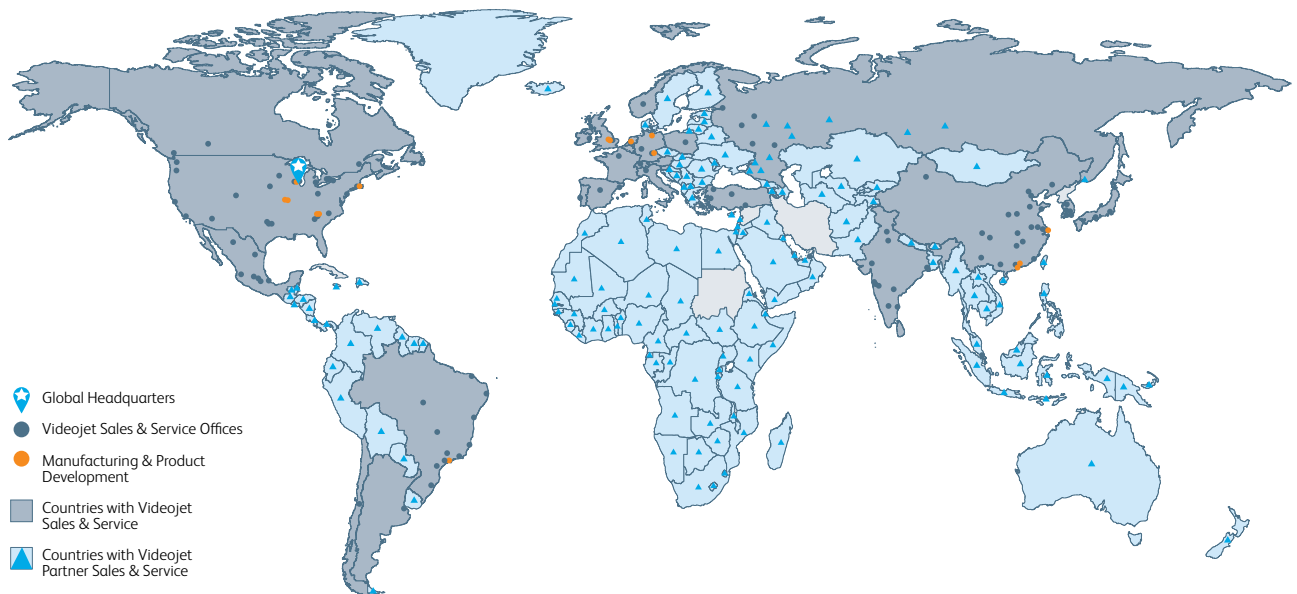


# Peace of mind comes as standard

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 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.



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