Reduce unplanned downtime, waste and rework

Thermal Transfer Overprinting

Videojet DataFlex® 6530 and 6330

iassure enabled

VIDEOJET

Increasingly competitive markets lead manufacturers to continuously adapt, creating new needs. As a world leader in the coding industry, Videojet has researched, designed and developed a series of enhanced Thermal Transfer Overprinting products that can answer those demanding requirements.

Introducing the next generation of Videojet DataFlex® Thermal Transfer Overprinting products

The 6530 and 6330 are part of the Videojet DataFlex® range of Thermal Transfer Overprinters which are designed to give you a more productive operation. These new Videojet printers embody the latest technology to further improve uptime while helping reduce time spent on quality checks, waste and rework, to drive **productivity, quality and efficiency**.

iAssure™ Integrated Code Quality Assurance technology comes as standard in the 6530 and 6330 and conducts your printing spot checks in real time, catching certain commonly occurring print defects.* Combined with the CLARiTY™ software interface which helps ensure you print the right code on the right product time after time, you can get even more from your investment. **Have complete confidence in your thermal transfer printer.**

Videojet DataFlex® Thermal Transfer Overprinters are designed to withstand tough production line environments. With minimal wear parts, all electronic auto-setup design, and fast-change ribbon cassette, the 6530 and 6330 offer maximized uptime advantage.

** iAssure™ technology complements existing quality control processes. It is not designed to detect all printing errors and does not read bar codes.*

iAssure™ integrated code quality assurance technology

Bringing confidence back to the line

How it works

iAssure™ is intelligent technology helping customers ensure the quality of their coding operations.*

Image capture

Image analysis

Image comparison

Fault trigger event

Not actual codes, for illustration purpose only. Actual nominal gap between successive prints is 0.02" (0.5mm).

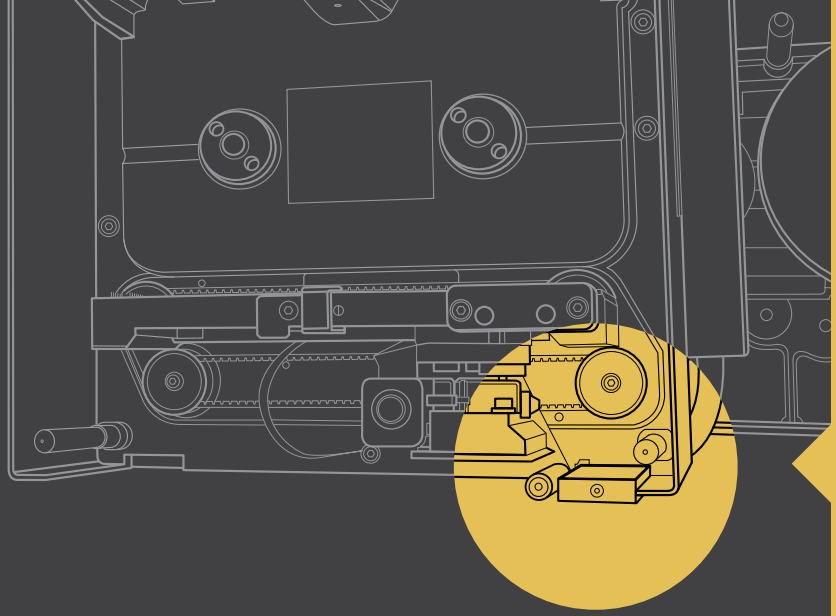
Built-in sensors create an image of the printed TTO ribbon as the ribbon indexes to the next print. This is the exact negative of the printed code.

The image is processed in real-time, with multiple iAssure™ algorithms automatically checking the printed image compared to the intended image.

Areas of mismatch between the printed and intended image are evaluated with sophisticated algorithms that examine for common defects such as image darkness, misalignment, ribbon crease and other common defects which could produce poor print quality to determine the pass/fail of the print.

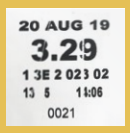
If a user selectable number of consecutive prints fail, the printer triggers a fault that either stops the line or sends product into a reject or inspection area (if the line is configured with one).

** iAssure™ technology complements existing quality control processes. It is not designed to detect all printing errors and does not read bar codes.*



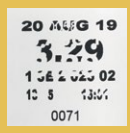
Code Quality Assurance

Thermal Transfer coding operations can produce defects like the examples below. With new Videojet iAssure™ technology, common print defects like these are automatically identified.



Ribbon crease

Worn print surface



Overprint

How it benefits you

iAssure™ technology provides intelligent code assurance to customers. iAssure™ can reduce your waste and rework – it conducts printing spot checks in real time and can catch significant recurring print defects far faster than manual quality checks.

It's fast and accurate

6530 and 6330 performance features
iAssure™ patent pending code quality assurance technology
Airless, all electronic printer design automatically maintains high print quality across a wide range of substrates
Modular design allows for tighter OEM integration options
Top throughput up to 700 packs per minute in High Throughput Mode** or up to 500 packs per minute in normal printing mode* compared to previous models, increasing throughput by 25%.
Top speed of up to 1000 mm/s**

* 3mm code with a 700m long ribbon in high throughput mode and 1200m ribbon in normal mode

** Application and substrate dependent. iAssure™ technology is not currently supported for use with ribbon savings, high speed or high throughput print modes.

Design principles

iAssure™ printer
(Unit cutaway for display purposes only)

Code Quality Assurance

- iAssure™ technology automatically detects common print defects before pallets of product stack up, cause unwanted waste or reworked product and require additional operator time to correct the error*
- CLARiTY™ software helps ensure the right code is consistently printed on the right product

** iAssure™ technology complements existing quality control processes. It is not designed to detect all printing errors and does not read bar codes.*

Intelligent Motion™

Uptime advantage

- Intelligent Motion™ technology removes the need for compressed air and associated costs and downtime, which helps maximize consistent print quality and printhead life
- Discover code legibility issues that indicate the potential need for printer maintenance
- Industry-leading simple cassette change is designed for fast ribbon replacement to maximize uptime
- High ribbon capacity and a variety of ribbon economy modes** maximize the time between ribbon changeovers

Intuitive user interface

Easy usability

- Designed to withstand tough production line environments
- Minimal wear parts are easy to change out, improving production line uptime
- Compact design fits on almost all production lines
- Simple operator interface

Simple cassette

Built-in productivity

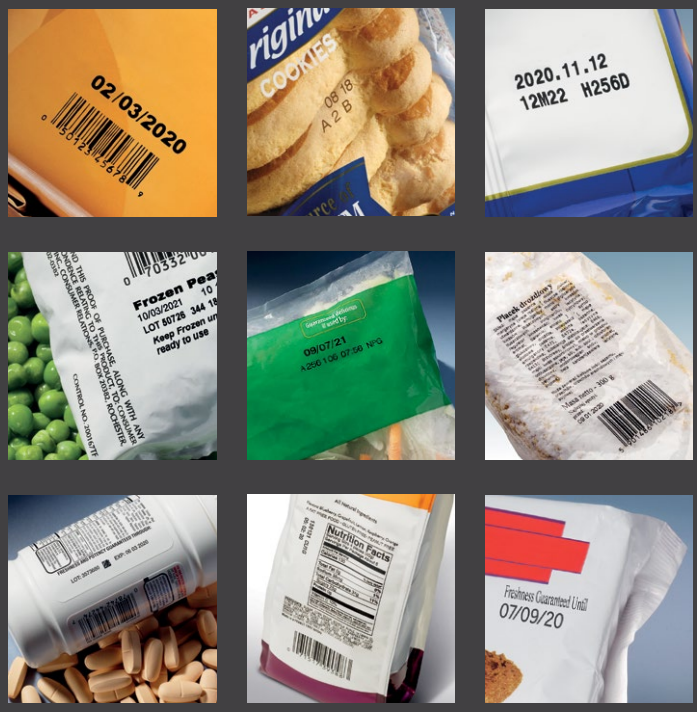
- The electronic printhead control eliminates the need for compressed air
- Default settings and no factory air gauge help maintain consistent code quality and avoid the risk of operators over-adjusting conventional air and energy settings
- Quick change printhead and minimal wear parts can reduce the time that production is interrupted when replacements are required
- Easy to load cassette
- Faster throughput versus prior models by 25%

*** iAssure™ technology is not currently supported for use with ribbon savings, high speed or high throughput print modes.*

Intelligent application

The 6530 and 6330 Thermal Transfer Overprinters are ideal for flexible packaging applications. When coding applications require content to be printed on products to meet regulatory demands, such as ingredient lists, nutrition statements, traceability information, or use by dates, our CLARiTY™ software helps to ensure that the right information is printed on the right package, time after time.

TTO printers have traditionally been able to print glossy labels and simply sealed flexible film packages. The 6530 and 6330 printers now can also print on newer flexible film package types like resealable pouches, stick packs and sachets, offering customers more choice about how they want to package and code their products.



Intelligent design

The 6530 and 6330's modular design helps customers in a number of ways:

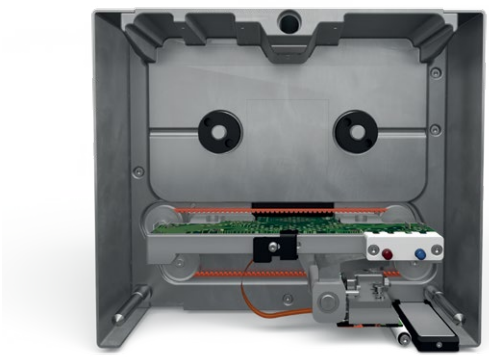
- Easily integrates into most production lines and includes the option to mount the power supply and connection hub in the host machine control cabinet
- Airless, all electronic operation which helps the printer to run more effectively and removes the need for air hoses
- Uses the existing tested and proven Videojet DataFlex® bracket designs for fast, easy installation
- Increased features for challenging zipper applications and uneven film surfaces, giving customers more choice and flexibility on how to use the printer with increasingly complex package designs

Intelligent maintenance

The 6530 and 6330 feature an easy-to-use cassette design, which fits ribbon lengths of up to 1200m. Simple ribbon path ensures fast changeovers and a more efficient operation, therefore reducing downtime.

Limited wear components are fast and easy to change to help ensure that customers are up and running as quickly as possible. New printhead design is simple to replace and requires no additional operator intervention to return to printing.

On-board videos guide operators through printhead cleaning and replacement.

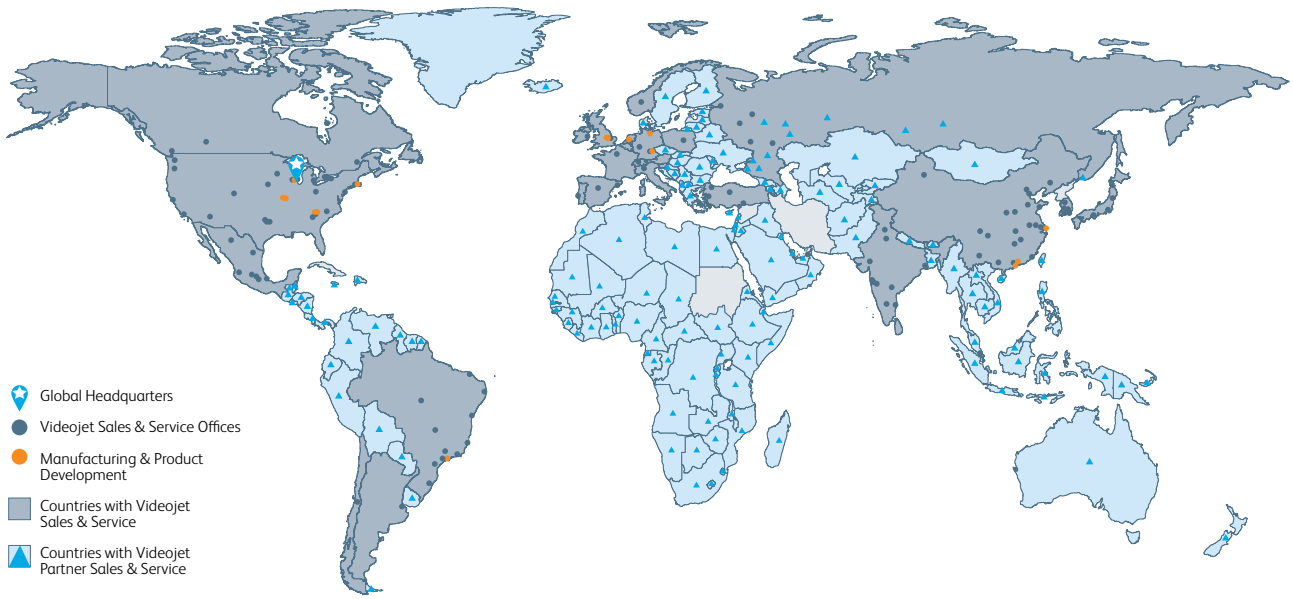


Peace of mind comes as standard

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.



Call **800-843-3610**
Email **info@videojet.com**
visit **www.videojet.com**

Videojet Technologies Inc.
1500 Mittel Blvd. Wood Dale IL 60191 / USA

Part No. SL000650
br-6530-6330-us-0617
Printed in U.S.A

VIDEOJET