Reliable and consistent code quality throughout your distribution chain

STEWED APP
25/07/2019   15:46
LOT 2313

JOB
Barcode Control
Image500

RUNNING
11:56 PM 20/03/2019

Performance
Throughput   **51** p/m
Batch Count   **246**
Total Count   **2706**

Consumables
Ink
100%

Large Character Inkjet

Videojet 2351 and 2361 high-resolution inkjet printers

Videojet

Videojet 2351 and 2361 inkjet printers: Engineered to work hard so you don't have to

Reliable print performance and minimised maintenance in one easy, print-on-demand solution

Large character ink-based system delivers fast start-up and durable codes designed to withstand the distribution chain.

On-demand generation of high-resolution print with consistent text, logo and bar code quality, even over extended print runs.

Minimum intervention and maintenance, due to our patented micro-purge process and unique return line filter that can be replaced in seconds.

Videojet CLARiTY™ interface simplifies operation through input data standardization and helps minimise coding errors.

Videojet LifeCycle Advantage™ service offering helps you proactively attain peak printer performance to help keep your lines running.

Customer-inspired features

- Self-contained, highly compact unit saves space and integrates easily
- Top-orientated display provides preferred viewing angle when mounted on a conveyor line
- Non-pressurized, non-drip ink canister enables ink to be changed without stopping production, and use of Fluid ID Number (FIN) helps prevent the wrong ink from being added
- The air-driven ink system virtually eliminates downtime from maintenance on pumps, solenoids and other moving parts

The Videojet 2351 and 2361: Less mess and maintenance

Your time is valuable. Managing your printer is not always your first priority, but missing regular maintenance can cause issues with code quality. The Videojet 2351 and 2361 have been especially designed to reduce and simplify maintenance requirements for you.

The use of a low-cost return line filter changes the associated cleaning cycle from daily to monthly. It also minimises potential for ink to leak onto floors, equipment or product packaging.

Quick, easy and less mess return line filter replacement

Once required daily on Videojet 2300 Series printers, the ink-cup cleaning process is reduced to a monthly filter line replacement for the 2351 and 2361 models. This innovation helps users avoid the clogs and mess often associated with missed cleaning intervals.

The only daily maintenance required to maintain the desired print quality is reduced to a daily wipe of the printhead surface.

Another simplification: a priming process driven via the CLARiTY™ user interface eliminates the need for external equipment, and makes it quick and easy to get the printer back on-line in the event it needs to be re-primed.

Patented micro-purge technology helps maintain consistent print quality

The Videojet 2300 series micro-purge functionality blows dirt and debris off the printhead surface, helping to remove potential blockages from the individual nozzles. What sets the Videojet micro-purge technology apart from other purging methods is that it:

- Is done automatically – no need for plant personnel to initiate the process
- Doesn't interfere with printing – the short purge time can be coordinated to occur between prints, unlike time-based purge systems which require you to stop printing
- Ink blow-off is recycled and returned to the print system, benefiting users with:
  1. Reduced running costs from optimised ink usage
  2. Cleaner operations, as purged ink does not end up in the atmosphere
  3. The ability to purge more frequently as there is no effect on running costs or cleanliness

See the difference:

Without micro-purge

Clogs and code degradation are very visible

With micro-purge

Code stays clear and highly legible

* Test is representative of samples collected after 5,000 prints on cardboard with and without mirco-purge technology.

3

Case coding and the efficiency of a print-on-demand solution

Reliable case coding is essential for distribution chain efficiency

At its most basic level, code data – in bar code or text form – allows case contents to be quickly identified so the case can be loaded, unloaded, stored, etc., as it moves from the manufacturer to the retailer or its final destination.

In addition, case coding can:

- Help ensure traceability of product and packaging
- Help manufacturers comply with industry regulation and customer requirements
- Help automate factory and warehouse processes
- Help improve visual appearance of cases and connect packaging to the brand

When a code isn't human or machine-readable, these benefits can't be achieved. It can cause the distribution chain to grind to a halt, leading to strained relations with retail and logistics partners and even fines and charge-backs.

Trust Videojet to provide the code quality that your retail and logistics partners demand

The case for print-on-demand case coding

Multiple approaches exist to apply code information on a case, each with its own unique considerations. Preprinting cases typically ensures a consistently readable code, but it also means managing large and cost-carrying inventories of unique SKUs. A print-on-demand case coding solution can offer the operational benefits of:

- Incorporation of dynamic production data such as lot code and date of manufacture
- Streamlining of purchasing requirements and reduction of unique case inventory
- Reduced carryover costs, required storage space and opportunity for waste
- Increased flexibility to quickly react to changes in content as well as product demand

Videojet 2351 and 2361 large character printers help improve operational efficiency and reduce costs

Why inkjet for durable, economical large character codes

The cases on which large character text and bar codes are applied are typically transported through a complex distribution chain. This means they are frequently handled and exposed to a variety of environmental conditions.

Ink-based codes are ideal for adhesion to corrugate fibers and therefore, make them more durable than wax-based coding options, which can scratch or chip due to handling or temperature variations. And unlike wax printers, large character inkjet printers don't need to rise to a specific temperature to operate, allowing users to print in less than a minute. Moreover, on-demand inkjet printing costs a fraction of what it does for print and apply labelling solutions.

High-quality, on-demand printing of text, logos and bar codes

On-demand printing with the Videojet 2351 and 2361 printers let you incorporate dynamic data such as lot codes, production dates and other key data. The 180 dpi resolution of these large character printers can easily mimic previously preprinted information. The 53mm and 70mm print heights, with the ability to combine printheads, help enable wide coverage and flexible code placement. And adjustable print density provides a balance between print quality and running costs.

Incorporate the information you need at a moment's notice and reduce pre-printed case SKUs

Applications

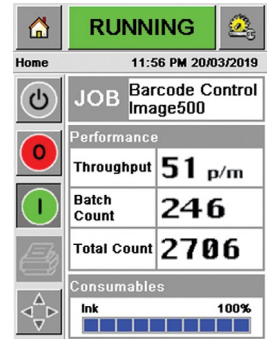**High-resolution text, bar codes and logos on shipping cases**

POS packaging for oversized items

Direct applied to building materials

Boost productivity, efficiency and reduce human error

Videojet Workflow Solutions

More than half of coding errors are caused by operator error – our surveys suggest a range of 50 to 70 percent. The most common mistakes are incorrect data entry and incorrect job selection. That's why Videojet offers many code assurance options for the 2300 Series of printers.
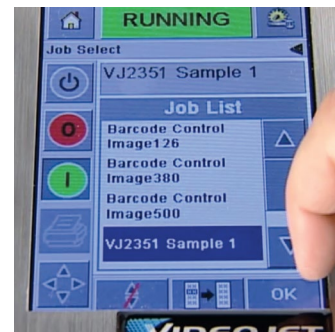
The Videojet CLARiTY™ user interface comes standard on the 2300 Series. The icon-based touch screen not only makes it quick and simple to navigate to job set-up, but offers tools to help ensure you get the right code on the right case, time after time. Benefits include:

- **Fool-proof set-up**: Easily create error-proofing rules during job set-up, such as whether or not fields can be edited, permissible data types, date range restrictions, and the like.

- **Visual job selection**: Job files can be saved and searched using meaningful names. A message preview provides confidence that the correct job has been loaded.

- **Guided data entry**: Based on defined rules, operators can only edit permissible fields. Print jobs can only be loaded after the operator has confirmed each entry.

- **Context-sensitive data entry:** Data-entry screens limit operators to the choices defined during job set-up. Operators can select dates from a calendar showing permissible expiration dates.

Choose from two software options to run with the Videojet CLARITY interface. CLARiSOFT™ PC-based message design software simplifies the job creation process as templates no longer need to be generated on each printer. By moving this process off the plant floor, you help minimise errors and create a centralized storage location for print job templates. If you are migrating from a label printer and already have print files created in a third-party label design package, the 2300 series printers can utilise those existing files via a Zebra (ZPL) or Sato (SBPL) emulation mode.

Likewise, Videojet CLARiSUITE® Template Management software helps provide ultimate code assurance. Code data can be pulled from an authoritative source and populated in the printer without human intervention. Additionally, its plant-wide user interface provides printer status and performance. It also helps enable print jobs to be deployed in a individual or coordinated manner.

Reduce reliance on your line operators and gain the benefits of automation in your coding process

A hand held scanner can be used to call up the print job from a work order, and with CLARiSUITE® it can automatically populate the required code data.

Videojet LifeCycle Advantage™

The Videojet 2300 Series leverages advanced analytics, remote connectivity, and the largest service footprint in the industry to maintain our uptime commitment, improve operations over time, and help you recover in minutes from unplanned interruptions.

Improve

- Leverage data across a fleet of connected printers to continually optimise printer performance that is tailored to your application
- Consultative services using remote service data to identify operational improvements and help you run your plant better

Maintain

- Optional on-demand remote training from Videojet Technical Support at the touch of a button
- Service packages for periodic preventive maintenance to help keep your printer in peak condition
- Configurable remote alerts notify customers of pending faults and provide warnings before downtime events occur to allow proactive resolution between production shifts

Recover

- Many repair needs can be resolved with the assistance of the Videojet team of experts in minutes, and without waiting for on-site service
- Largest global service organisation in the industry to support on-site needs when complex support needs arise

The Videojet 2300 Series... Maintain high print quality over extended periods with minimum intervention

Optimise your coding and marking investment
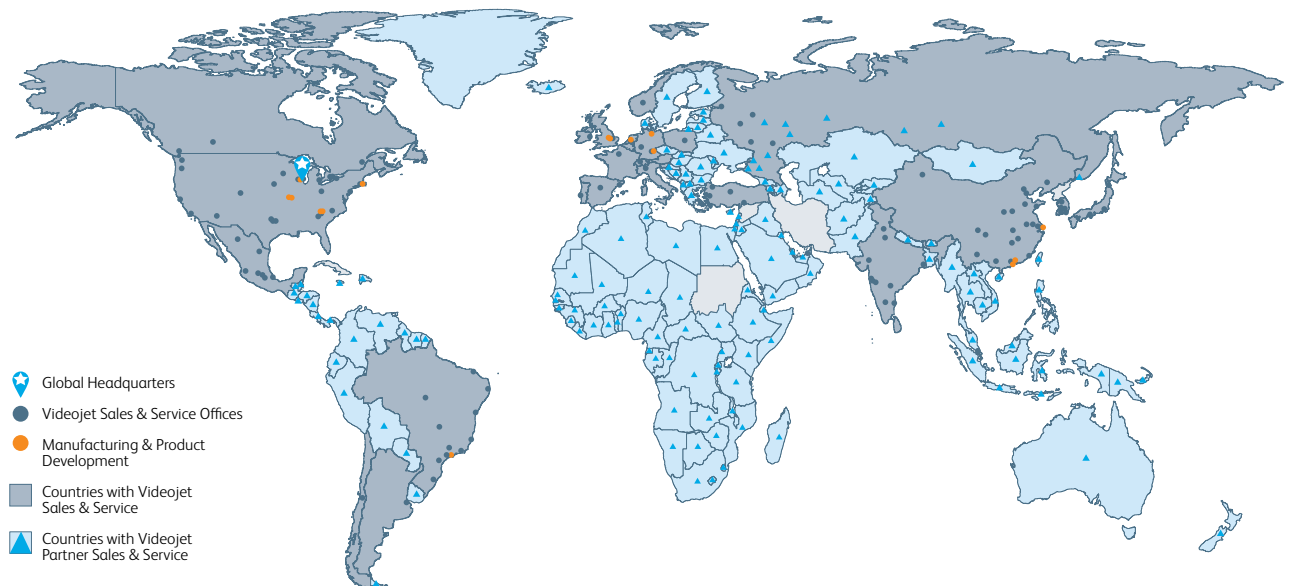
www.videojet.co.uk/LCA

Remote Service capabilities are available in select regions worldwide. Please contact your local Videojet representative for availability information for your location.

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 labelling, 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.

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

Call us free on **0800 500 3023**
Email **uksales@videojet.com**
or visit **www.videojet.co.uk**

Videojet Technologies Ltd.
4 & 5 Ermine Centre, Huntingdon, Cambridgeshire PE29 6XX / UK

Call us free on **+353 1 450 2833**
Email **irelandsales@videojet.com**
or visit **www.videojet.ie**

Videojet Ireland
C2, South City Business Park, Tallaght, Dublin 24 / Ireland

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