Continuous Inkjet
Kersia
Case study

Kersia uses Videojet printers to help improve efficiency

With over 50 years of experience and operations in more than 120 countries, Kersia is a global leader in biosecurity and food safety.

Kersia creates solutions that prevent diseases and contamination, in humans and animals, at every stage in the supply chain. Their Fumagri line of products delivers the power to passively disinfect surfaces in a single metal can, helping to prevent the spread of foodborne illnesses. Production of these cans depended on two Videojet 1560 continuous inkjet (CIJ) printers, due to their high print quality, proven reliability, and ease of operation. However, Kersia was excited to try the efficient and digitally-empowered Videojet 1880 CIJ printer option.

Minimizing Operator Interaction

At Kersia's Fumagri production facility there is no plant maintenance staff, leaving maintenance duties to line operators. For these multi-tasking line operators, the most important traits a printer can have are high efficiency, easy changeovers, and quick training.

The large ink and make-up cartridges in the Videojet 1880, coupled with the industry's lowest make-up consumption, give Kersia's operators the ability to focus on other tasks and allowed for longer production runs.

There are multiple production runs per shift, and operators must adjust the production lines for different can sizes. With the ease of the Videojet 1880 SIMPLICiTY™ touch screen user interface, switching jobs in the printer for product changeovers is quick and simple.

Operators also use the SIMPLICiTY™ interface to train themselves with the on-board step-by-step video instructions. It only takes 15 minutes of training to prepare an operator for the day's changeover requirements.

Harnessing Digital Capabilities

In their office, the Production Manager can check the status of production at their desk with the Videojet 1880 VideojetConnect™ Remote Service feature. The manager can track production status from anywhere instead of the previous method of walking through the plant to do so. In addition, the manager can check fluid levels remotely and be notified of faults quickly to take immediate action, if needed.

On the line, operators are looking forward to monitoring ink build-up on the printhead, ink and make-up consumption levels, and overall printer health with the MAXIMiZE™ diagnostics suite built into the Videojet 1880. With the visibility that the MAXIMiZE™ suite delivers, surprises are kept to a minimum and operators can proactively plan maintenance between changeovers.

The Kersia team was impressed with how the Videojet 1880 reduced interruptions while taking the place of two Videojet 1560 printers. The operators and production manager were digitally empowered to make smart and proactive decisions with VideojetConnect™ Remote Service and the MAXIMiZE™ diagnostics suite. Kersia will be considering the Videojet 1880 for any upgrades in the future.

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