**PRESS RELEASE**

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**Domino Launches New Variable Data Printing Solution**

**for Pharmaceutical Applications**

[Domino Printing Sciences](https://www.domino-printing.com/en/home.aspx?utm_medium=non-paid&utm_source=globalpr&utm_content=k600g%20press%20release%20&utm_campaign=2020-gb-en-customers-all-all-all-all) (Domino) is pleased to announce the launch of the new **K6**00G – an innovative new blister foil and web digital printing solution for product-level serialisation in pharmaceutical applications.

Developed in collaboration with pharmaceutical industry innovator Gallarus, and with engagement from life science industry experts SeaVision, the **K6**00G is a ground-breaking, high-resolution, digital printing solution. The result of successful teamwork between market leaders in digital print and life science experts, the **K6**00G promises to meet the needs of pharmaceutical manufacturers now and in the future.

“Over the last couple of years serialisation at pack level has become a global requirement in the pharmaceutical industry,” says Craig Stobie, Director of Global Sector Development at Domino. “In the future, it is likely that serialisation of individual pockets of a blister pack will become the new standard, in order to further enhance patient safety and reduce medical errors.

“The **K6**00G has been developed to provide manufacturers with an on-site solution for variable data printing, which includes coding at the item level, to meet these future requirements,” he continues.

Using digital printing technology to customise product packaging within manufacturing chains adds a degree of agility that allows pharmaceutical manufacturers to react more easily to legislative changes or variations in product labelling requirements, as it reduces reliance on external packaging providers.

The new **K6**00G includes a range of solutions that have been developed for different installation types, including off-line, near-line, top-of-line, sealed-blister-coding for printing directly on formed blister packs, and an integrated-line version developed to meet the needs of OEMs.

“Digital printing and flexible supply chains are beginning to play a much greater role in pharmaceutical manufacturing – and so the **K6**00G is a necessary investment to keep up with future legislation and market trends,” says Volker Watzke, EU Medical Devices Sector Manager at Domino.

“As Domino customers, pharmaceutical manufacturers utilising the **K6**00G solution also have the benefit of our global experts, who are always ready to support them when they need us,” he adds. “We want to ensure that our customers are always in control of their lines.”

When it comes to printing performance, the **K6**00G achieves high-quality, reliable printing across a range of substrates – the printing module has a native resolution of 600dpi and excellent greyscale capability. Based on Domino’s market-leading piezo drop-on-demand ink jet technology, the printer is also capable of building up imagery using multiple different drop sizes – this improves image quality and gives manufacturers more control over their ink consumption.

“In pharmaceutical manufacturing, code quality and legibility are of key importance, and, owing to the cost of unplanned downtime, it is also imperative that machines are kept functioning at optimal performance,” says Bart Vansteenkiste, Global Sector Manager - Life Sciences at Domino. “The **K6**00G was developed with this level of reliability and durability in mind with automated maintenance systems to reduce operator intervention and to keep the system running at optimal performance.”

In order to achieve the highest levels of efficiency, the system can also be supplied with a unique AI software, that collects, analyses, and learns from factory data to provide intelligent manufacturing solutions.

“With the **K6**00G, we have combined the key principles of Industry 4.0 to provide a solution that addresses the evolving life science environment and production challenges facing pharmaceutical manufacturers,” says John McKeon, CEO of Gallarus. “The new solution delivers exponential benefits in the form of ROI, cost-saving, quality enhancement, and OEE efficiencies.”

The **K6**00G is capable of printing at speeds of up to 75 metres per minute and print widths range from a single print module, covering 108mm (4.25”), up to seven dual print modules with a combined width of 782mm (30.81”). The smart **i-Tech StitchLink**micro-motor controller technology enables accurate print head alignment and image stitching to achieve seamless printing across a full web print width.

With its revolutionary **i-Tech CleanCap**, the **K6**00G cleans the print heads when not in operation, leaving them wiped and capped, ready for the next use. This removes the need for

daily print head cleaning, protects the print heads from blockage and damage, and reduces the need for maintenance. **i-Tech ActiFlow** ensures the ink is always moving around the print

head. This degasses the ink, preventing the formation of air bubbles that can impact nozzle performance and increase the risk of product rejects.

“When we set out to develop the **K6**00G we wanted to develop a future-proof solution that would meet the current needs of pharmaceutical manufacturers, and allow them to adapt more easily to changing market trends and legislative requirements,” says Watzke. “The result is a strong and reliable solution that helps to ensure compliance and patient safety while allowing manufacturers to remain agile. When it comes to pharmaceutical manufacturing, the **K6**00G is the solution of choice, now, and in the future,” he concludes.

For more information on the **K6**00G please visit <https://bit.ly/2HwRcBE>

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**Notes to Editors:**

**About Domino**

Since 1978, Domino Printing Sciences has established a global reputation for the development and manufacture of coding, marking, and printing technologies, as well as its worldwide aftermarket products and customer services. Today, Domino offers one of the most comprehensive portfolios of complete end to end coding solutions spanning primary, secondary, and tertiary applications designed to satisfy the compliance and productivity requirements of

manufacturers. These include innovative inkjet, laser, print & apply, and thermal transfer overprinting technologies that are deployed for the application of variable and authentication data, barcodes and unique traceability codes onto product and packaging, across many sectors, including food, beverage, pharmaceutical and industrial.

Domino employs over 2,900 people worldwide and sells to more than 120 countries through a global network of 25 subsidiary offices and more than 200 distributors. Domino’s manufacturing facilities are located in China, Germany, India, Sweden, Switzerland, UK, and the USA.

Domino’s continued growth is underpinned by an unrivalled commitment to product development. The company is the proud recipient of six Queen’s Awards, the latest being received in April 2017, when Domino was awarded

the Queen’s Award for Innovation. Domino was also awarded the ‘Operational Excellence’ accolade at The Manufacturer MX Awards 2018.

Domino became an autonomous division within Brother Industries Ltd. on 11th June, 2015.

For further information on Domino, please visit [www.domino-printing.com](http://www.domino-printing.com)

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