

High-speed marking with the JET3up RAPID

LEIBINGER presents the latest inkjet printer "made in Germany" at K trade show

Tuttlingen, Germany, 2016-07-20 – Paul LEIBINGER is presenting a true revolution at K trade show with its latest continuous inkjet printer, the JET3up RAPID. The high-speed printer allows cables to be marked immediately after extrusion at up to 1000 m/min (60 km/h). The inkjet coder achieves never-before-seen speeds when marking and coding other plastic products as well.

The JET3up RAPID makes it possible to achieve up to 40% higher printing and production speeds. To realize this, the high-speed printer has a much higher drop frequency, among other features. The JET3up RAPID also has printheads that are specially designed for high speeds. Three different variants are available that vary by the intended industry and application.

With the JET3up RAPID, Paul LEIBINGER GmbH & Co. KG once again demonstrates its capacity for innovation and German-engineered quality. The new high-speed coder is the only inkjet printer in the world that can mark products at up to 1000 m/min (60 km/h) and is also fitted with an automatic nozzle seal, Sealtronic, which prevents ink from drying even during long shut-down periods. During pauses in production, the gutter and the nozzle form an airtight circuit: No ink can leak out of the circuit and no air can get in. Even after long shut-down periods, the high-speed coder is ready to print within one minute – without any cleaning cycles.

At K in Düsseldorf, LEIBINGER is also presenting additional models of its JET3up and JET2neo printer series, which are especially ideal for marking and coding plastic products and all equipped with the Sealtronic nozzle seal. The JET3up PRO features protection class IP65, making it ideal for marking and coding in a wet or dusty production environment. The JET3up PI enables reliable printing on dark surfaces with light, high-contrast inks.

The LEIBINGER continuous inkjet printers can mark and code all possible materials and surfaces, including flat, concave, convex, structured or rough. The inkjet coders print fixed or variable data without contact, during ongoing production and with fast-drying inks. The printing allows the application of simple text segments, serial numbers, best before dates, various fonts, logos, all common barcodes and DataMatrix codes as well as PPN codes. In addition, the 800 standard integrated functions are ideal for optimally adapting the printers to any application situation.

The new V-check vision system from LEIBINGER provides a simple and cost-effective option for quickly inspecting the product marking and coding applied by a JET3up or JET2neo. V-check compares elements with fixed definitions, such as characters, numbers or graphics, to a reference sample in advance automatically and detects incorrect or smeared printing. LEIBINGER is presenting a smart printing and monitoring system to trade show visitors with V-check. This system ensures product quality, increases customer satisfaction and reduces long-term costs.

You can visit Paul LEIBINGER GmbH & Co. KG at K in Düsseldorf from October 19th to 26th, 2016 in Hall 13 at Booth 13B37.

www.leibinger-group.com

Image captions:



PL_V-check.jpg:

The V-check vision system checks the marking and coding printouts from a LEIBINGER inkjet printer against a reference sample, increasing product quality as a result.
Source: Paul Leibinger GmbH & Co. KG



PL_JET3up_RAPID.jpg:

The new LEIBINGER JET3up RAPID is ideal for optimal high-speed marking.
Source: Paul Leibinger GmbH & Co. KG



PL_RAPID_Wire.jpg:

The "RAPID Wire" is one of three different printhead models for the JET3up RAPID, which makes it possible to achieve high speeds during cable marking and coding.
Source: Paul Leibinger GmbH & Co. KG

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About Paul Leibinger GmbH & Co. KG

Paul Leibinger GmbH & Co. KG provides integrated solutions for industrial product marking and the printing industry. For multiple decades, the company has been developing and producing industrial inkjet printers, numbering machines and camera verification systems for monitoring and ensuring a smooth production process at its location in Tuttlingen. The made-in-Germany products as well as a worldwide distributor network guarantee high product quality and reliable service. Currently, the third-generation family-run company employs a staff of over 210 at the location in Tuttlingen, Germany and around 15 employees at the plant in East Troy, Wisconsin, USA.