**MULTIVAC Marking & Inspection expands its portfolio of direct web printers**

**New impetus for direct web printing – thanks to a special process from MULTIVAC**

**Wolfertschwenden, 23 November 2022 – MULTIVAC Marking & Inspection has developed the DP 245, a new, highly innovative direct web printer for the X-line series of traysealers. The special feature: Although the high-performance model operates at a fixed working height, it automatically adjusts to possible differences in the height of finished packs.**

"With this new process and IP65 protection, we are taking direct web printing to a new level," says Michael Reffke, product manager for marking technology at MULTIVAC Marking & Inspection. Even trays with different product protrusions are marked safely, reliably, and precisely thanks to the new, sophisticated technology. The printing position on the pack can be easily and conveniently adjusted using handwheels, so that batch changes require only minimal downtime.

The variable data, such as the best-before date or a batch number, is printed with the MULTIVAC TIJ 10 using the thermal inkjet process. Printing heights of up to 12.7 mm can be achieved with one printing head, and even printing heights of up to 25.4 mm can be achieved by using a second printing head. As the printer is fully integrated into the operating terminal of the traysealer, MULTIVAC customers benefit from significant advantages in terms of efficient and safe operation. To give just one example, the print layouts are stored in the recipe of the traysealer to ensure that the correct layout is always loaded.

**Low-maintenance thermal inkjet technology**

However, the new development is not only impressive in terms of efficiency, reliability and precision, but also in terms of cost-effectiveness and print quality: "We deliberately opted for the thermal inkjet process in order to offer our customers real added value in the long term," Reffke confirms. This printing technology involves heating water in the ink. This causes tiny bubbles to form explosively, forcing the ink droplet out of the nozzle. Print resolutions of up to 600 dpi can be achieved, so that even the smallest characters, fonts or codes can be reproduced exactly.

Unlike continuous inkjet printers, thermal inkjet printers also use print cartridges with integrated printing heads. The advantage: These are very easy and quick to change and, last but not least, also very low-maintenance.

The new DP 245 is also available in an optional washdown version with IP65 protection, which allows wet cleaning of the traysealer including the direct web printer.

[2,602 characters incl. spaces]

**About MULTIVAC Marking & Inspection**

MULTIVAC Marking & Inspection is one of the leading manufacturers of labelling systems and direct web printers. The company, previously called MR Etikettiertechnik, was founded in 1972 in Enger, Westphalia, and has been part of the MULTIVAC Group since 1993. The company's wide product range extends from standard labelling and printing solutions to labellers and marking systems, which are specifically developed for individual customers. The range of products is complemented by inspection systems for weight checking, detection of foreign objects and visual inspection of packs and labelling. All these units can be integrated into complete packaging lines, and they contribute significantly to meeting the regulations and legal requirements for the quality management of packaging lines. Further information can be found at: [www.multivac.com](http://www.multivac.com).

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