



THE COMPANY
SPECIALISING IN
SINGLE-PASS INKJET
PRINTERS

NEOS, Italian excellence in the sector of digital inkjet printers for industry, which will bring the best of its technologies dedicated to the printing of metal substrates to Metpack. At stand A11 - HALL 1, the company from Fiorano Modenese (Modena) will be showing the Bombardier B-BELT, an extremely flexible digital inkjet printer with conveyor belt and double-bar modules. With the versatility of having up to eight color bars in sequence, a production speed of up to 150 m/min and print widths from 600 to 2250 mm, this modular printing system guarantees top-level print quality, flexibility and production speed.

In addition to the Bombardier B-BELT model, the Fighter F-BELT will be showcased – a very high-quality digital inkjet printer, with speeds up to 120 meters/min and configurable up to 12 slots for either print-head-bars or pinning lamps. The vacuum belt is suitable for rigid or semi-rigid materials with thicknesses up to 50 mm, such as metal plates. Fighter F-BELT and Bombardier B-BELT were created to satisfy the highest demands for flexibility: in fact, the sequence of images and variable data is configured in real time, rapidly and with the possibility of queuing up various projects to execute them in sequence. With dedicated UV LED-curable inks, Fighter F-BELT proves to be an ultra-reliable printer that is not prepared for downtime. In their respective B-ROLL and F-ROLL-models, both

variations can be configured for printing on reels as well.

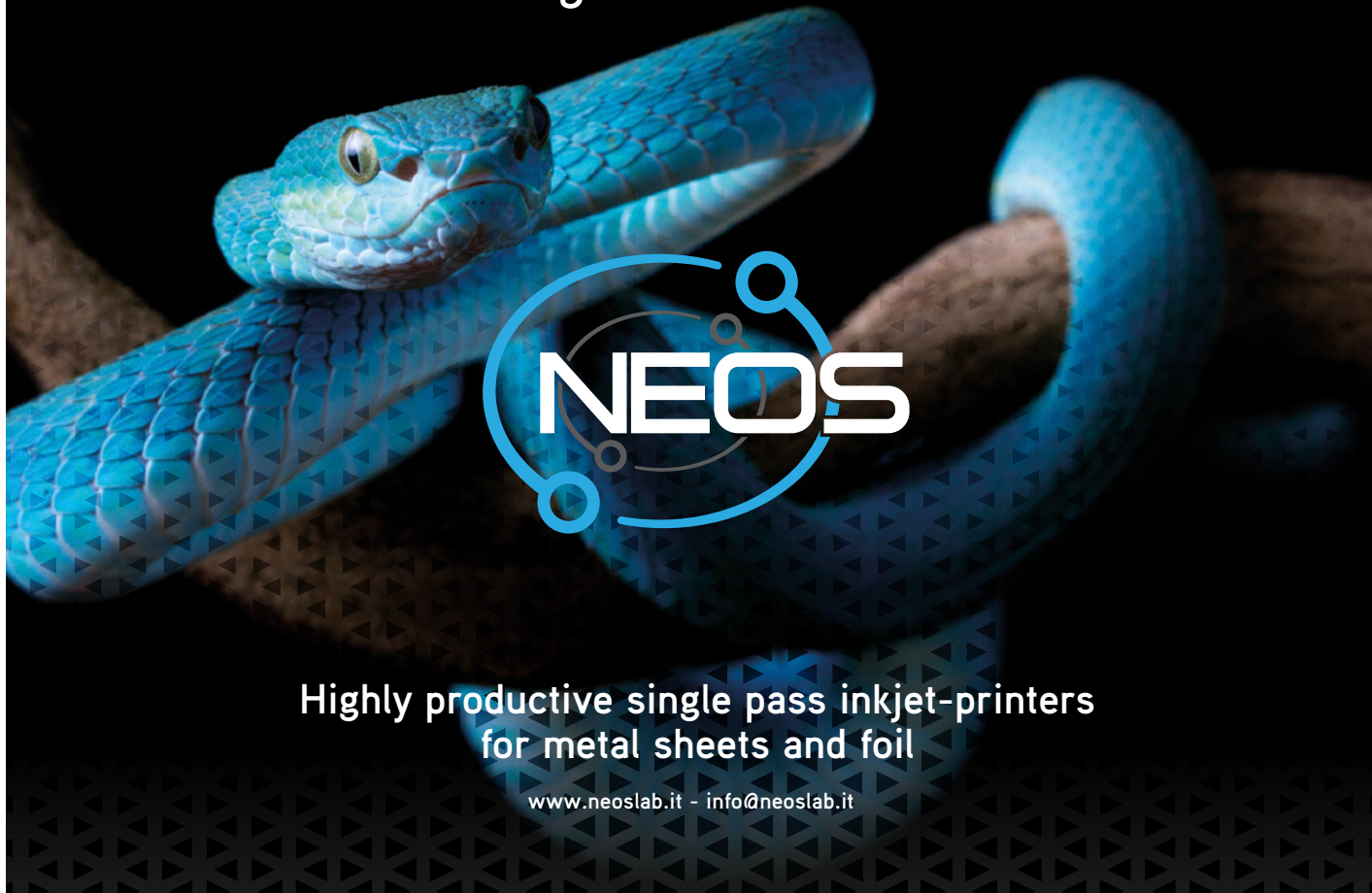
With this innovation in digital metal-printing concept, Neos is mastering the ambitious application requirements achieving best ink adhesion, color consistency and the high precision requirements of this industry. NEOS' inkjet-printers for metal packaging are suitable to overcome these challenges and offer the maximum resolution, image quality and color resistance. Developed in the in-house-research- and development-laboratory the production of inks is also done in NEOS' own premises. The NEOS advanced solution is in fact adaptable to any type of metal surface, both on sheets and reels. NEOS' premium UV-LED-curable ink formula is suitable for indirect food contact and due to its extraordinary flexibility can sustain the shaping process, for

example when formed into a crown cap.

Two cutting-edge solutions, therefore, already successfully used by manufacturers of metal bottle caps and can producers, and whose components - from proprietary electronics to software and color management - are produced and assembled in the best tradition of 'Made in Italy'. In a market such as packaging, which requires ever greater flexibility and attention to the environment, NEOS printers reach high standards to simplify processes by reducing energy cost, preparation times, production costs and waste of materials, allowing short run-length and personalised designs. NEOS' digital metal-printers are proving to be an added value for any existing production line enabling to reduce the stock of finished product significantly.



○ Images come to life ○



Highly productive single pass inkjet-printers
for metal sheets and foil

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