

Novelties from BFM

All about plastic printing



The Sirio S-Plus stack-type machine for flexographic printing

Innovations related to energy saving and printing inline of water-based inks characterize the Sirio S-Plus stack-type machine for flexographic printing proposed by BFM at K 2022 (booth C05, hall 17), through which passes also the commitment of the Italian company to global sustainability. Sirio S-Plus is a high performance 8-colour machine which guarantees excellent results and high-quality printing on different materials, from plastic to paper, destined for a number of applications in the flexible packaging of food, clothes and pharmaceutical goods etc. Particularly versatile, it allows to print plastic materials such as HDPE, LDPE, PP, PET, and bio-based polymers, too.

All the technological innovations of the machine are illustrated at the German fair, including high-print quality, energy saving, efficiency and productivity thanks to easy and precise job changes, high flexibility of use, and a compact layout and modern design. Like all BFM machines, Sirio S-Plus model is also suitable for being connected to the network and allows

to take advantage from benefits and resources allocated by the Italian Government Industry 4.0 Plan for the digital transformation of companies.

The Sirio S-Plus is equipped with Easygear and automatic print presetting, thanks to which job changes can be carried in total safety. Amongst the novelties there is also the new 22-inch graphic interface, which results simple and intuitive, as well as complete for the management of all the machine functions.

Still with regard to the stack-type machines, BFM presents a line for industrial bags (FFS) completed with printing, gusseting and embossing systems for the tubular film. The industrial bags consist in a flat tube with embossed area and side gussets normally used for the packaging of granules of plastic materials, fertilizers, salts, bulk goods etc.

This line features a motorized unwinder suitable for reels with a maximum diameter of 1500 mm, a 4-colour flexographic printer (which can also have 2 or 6 colours, according to the customer needs), a width of 800 mm, gusset unit and embosser, and W 400 automatic winder with a width of 800 mm. It can also be equipped with corona treatment (refreshing or total) and micro-perforator.

The Italian company proposes also the 8-colour Marte gearless flexographic printing machine with central drum, developed in cooperation with Bosch Rexroth. This machine is available in different printing widths, standard printing lengths from 350 to 800 mm (or 1200 mm in the Plus version), and a production speed up to 400 metres per minute. ■

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A BFM line for industrial bags (FFS)

