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POLAR presents newest die cutters at LabelDay

With the LabelSystems DC-12 RAPID and DCC-12, POLAR Mohr has presented two world firsts in recent months. The systems were demonstrated to international guests at Heidelberger Druckmaschinen's LabelDay on 25 April.

Visitors from 17 different countries came together at LabelDay in Wiesloch near Heidelberg - after many months of online meetings and contact restrictions, a great opportunity to demonstrate new developments. Actually an ideal prelude to LabelExpo, the event also functioned as an alternative to the cancelled trade fair.

"Like many other companies, we have made a big step forward in the area of online demos and meetings in recent months. That is of course a gain for the future. However, personal contact is and remains the gold standard - we are currently feeling this strongly and are also getting feedback from partners and customers," says Hendrik Kneusels, Head of Sales and Marketing at POLAR. The DCC-12 counterpressure die-cutter and the fully automatic and unattended POLAR DC-12 RAPID label system were presented at LabelDay. Ronny Pattar from POLAR and Rolf Manser from Heidelberger Druckmaschinen demonstrated the two new die cutters as a proven team.

Robot solution of the DC-12 RAPID as a crowd puller

The fully autonomous DC-12 RAPID produces die-cut bundles of labels and packs them in trays ready for dispatch. With synergies in the development between POLAR and the packaging specialist DIENST, a fully-autonomous, operator-free process was developed - from the cutting layer to the dispatch packaging. RAPID stands for Robotics for Autonomous Processing of Industrial Die-Cut Labels. The blue robot, which grips the individual bundles, turns them and places them sorted in shipping cartons, attracted particular attention on site.

DCC-12 is the fastest counterpressure die-cutter on the market

POLAR LabelSystem DCC-12 is designed for highly automated inline production of bundled die-cut labels made of compressible plastic materials such as OPP films for in-mould. The new future-proof, new industrial control system enables a productivity increase of 25 per cent, allowing the new DCC-12 to achieve an output of 10 cycles per minute. A remarkable output with minimum labour input. The system is thus also suitable for dual use; other die-cutters are not efficient enough for label printing on paper. Further advantages are the built-in servo technology, shorter changeover times and the possibility of remote control. POLAR Mohr is also the only company with a solution for die-cutting IML material without a cardboard base. This is an important aspect for recyclability, because the waste is pure mono-material without a cardboard base.

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