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**LabelExpo: POLAR presents fastest die cutter on the market
Innovation from Germany: LabelSystem DCC-12 from POLAR impresses with the latest industrial control and a 25 percent increase in efficiency. The system will be presented at LabelExpo in Brussels from September 11 to 14, 2023.**

The cutting machine manufacturer POLAR has been represented at the world's largest trade fair for the label and packaging industry for many years. In 2023, the cutting machine manufacturer can be found as usual in Hall 7 at Stand A29. The fastest counterpressure die cutter currently available on the market will be presented: 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-mold. A new and future-proof industrial control system enables a 25 percent increase in productivity, allowing the DCC-12 to achieve an output of 10 cycles per minute. A remarkable output with minimum manpower requirements. The system is thus also suitable for dual use; other die cutters are not efficient enough for label printing on paper.

Optimized software

HMI control and a capacitive 4c color display make operation easier, and the intuitive design meets the standards of today's tablets and smartphones. The future-proof, new industrial control system enables modern alarm management, remote maintenance and diagnostics as well as integration into the digital workflow. The built-in servo technology improves process stability and increases downtime in production: the system runs more smoothly, and start and braking speeds can be set independently. The new die cutter also allows the machine to be restarted without any delay, while the material can remain in the machine. „The highlight, or the special innovation is our patented positioning aid which allows a quick and easy changing of the punching tool“, explains Stephan Kummer, Sales Manager at POLAR. Modernized job management additionally reduces changeover times from 30 to 15 minutes thanks to automatic presettings.

Waste is 100 percent recyclable

POLAR LabelSystem DCC-12 also scores in terms of sustainability: the die cutter is able to handle label packs without cardboard. The waste is therefore pure mono-material and can be optimally recycled. The die cutter is ventilated and can suck up waste directly. This means that even acute-angled shapes under 90° can be cut without any problems.

Your contact for further information

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Picture of the POLAR DCC-12
See on website: <https://www.polar-mohr.com/en/die-cut-labels-labelsystem-dcc-12/110671.html>

