LabelSystem DC-12 PLUS

Highly automated system for industrial label production

Description LabelSystem DC-12 PLUS

POLAR LabelSystem DC-12 PLUS is designed for highly automated inline production of bundled die-cut labels. The future-proof, new industrial control system enables remote maintenance and diagnostics, as well as integration into the digital workflow.

Workflow:

- The label material is pre-cut as strips inline or offline with a **POLAR high-speed cutter**
- The **POLAR Autocut 25 PLUS automatic cutter** takes over the strips and cuts two strips at a time into individual label packs
- The two labels are separated via the automatic label feed and fed individually in front of the die-cutting punch
- The stack is pressed by the punch through the cutting die of the **POLAR System die-cutter DC** (puncture principle) and receives its predefined shape
- The bundles of blanks are automatically pushed into the **single-station bander BD PLUS** and bundled together

Customer benefits

- Industrial control system enables remote services as well as integration into the digital workflow
- Excellent performance of up to 1.440 bundles per 60 minutes with a minimum of manpower
- Capacitive colour display with touch function enables faster, more intuitive operation
- Job changeover at the touch of a button: minimum makeready times and format changeover in approx. 15 minutes thanks to automatic presettings

Technical data

	Single strip	Double strip
Label size min.[1]	20 × 40 mm	20 × 40 mm
Label size max.	170 × 210 mm	120 × 120 mm
Die-cut format min.	16 × 36 mm	16 × 36 mm
Die-cut format max.	166 × 206 mm	116 × 116 mm
Clamp opening min.	35 mm	35 mm
Clamp opening max.	120 mm	120 mm
Height of cutting die min.	50 mm	50 mm
Height of cutting die max.	100 mm	100 mm
Max. performance per min.	18 bundles	24 bundles
Compressed air requirements	220 l/min	220 l/min

Further technical data are available for download on our website.

Benchmarking

	DC-M	DC-11	DC-12 PLUS
Number of helpers | operators	1|1	1|1	1|1
Bundels / 60 minutes	480[2]	960[3]	1.440[3]

[1] depending on stack height | [2] depending on material, label size

[3] including pre-cutting

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