

LabelSystem DC-11

System for the highly automated
in-line production of die-cut labels



Description LabelSystem DC-11

POLAR LabelSystem DC-11 is designed for the highly automated in-line production of banded die-cut labels. The menu-driven system setup makes operation easier and reduces make-ready time.

The workflow:

First of all, a POLAR high-speed cutter cuts the label material to strips, either in-line or off-line. Automatic cutter POLAR Autocut 25 takes the strips and cuts them into label stacks. A pusher device at the Autocut 25 front table takes the label stack to the DC system die-cutter.

After die-cutting the label stacks are automatically pushed to the single-station bander BD where they are banded. The ultra-sonic welding unit integrated in the BD needs no preheating, is always ready for operation and saves the material. No annoyance caused by bad smell.

Customer benefits

- Excellent performance of up to 960 bundles per 60 minutes with a minimum of manpower
- OptiChange allows to perform a job change in only 15 minutes
- OnePunchRegister allows to position the cutting die in line with the printed image with just one pack
- Utmost cutting and die-cutting precision via fixing the material
- Highly reliable in daily use and long lifespan

Technical data

Label size min. ¹	20 × 40 mm 0.79 × 1.57 in
Label size max.	170 × 210 mm 6.69 × 8.27 in
Die-cut format size min.	16 × 36 mm 0.36 × 1.42 in
Die-cut format size max.	166 × 206 mm 6.54 × 8.11 in
Clamp opening min.	35 mm 1.38 in
Clamp opening max.	120 mm 4.72 in
Tool height min.	50 mm 1.97 in
Tool height max.	100 mm 3.94 in
Max. performance per minute ²	16 bundles
Compressed air	220 l/min

Further technical data are available for download on our website.

Benchmarking

	DC-M	DC-11	DC-11 PLUS
Number of helpers operators	1 1	1 1	1 1
Bundles / 60 minutes	480 ²	960 ³	1.440 ³

¹ depending on stack height | ² depending on material, label size
³ including pre-cutting

