

LabelSystem DC-11 PLUS

Most productive system
for industrial production of die-cut labels



Description LabelSystem DC-11 PLUS

POLAR LabelSystem DC-11 PLUS 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 PLUS takes the strips and cuts two strips at once into label stacks. The automatic label feeding system separates the two strips and guides the individual stack automatically in front of the cutting die. After that the punching stamp pushes the stack through the cutting die (puncture principle) where the stack is given its intended shape.

After die-cutting the label stacks are automatically pushed to the single-station bander BD PLUS 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 1.440 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

	One strip	Two strips
Label size min. ¹	20 × 40 mm 0.79 × 1.57 in	20 × 40 mm 0.79 × 1.57 in
Label size max.	170 × 210 mm 4.72 × 7.72 in	120 × 120 mm 4.72 × 4.72 in
Die-cut format min.	16 × 30 mm 0.63 × 1.18 in	16 × 36 mm 0.63 × 1.42 in
Die-cut format max.	166 × 206 mm 6.54 × 8.11 in	116 × 116 mm 4.57 × 4.57 in
Stack height min.	35 mm 1.38 in	35 mm 1.38 in
Stack height max.	120 mm 4.72 in	120 mm 4.72 in
Tool height min.	50 mm 1.97 in	50 mm 1.97 in
Tool height max.	100 mm 3.94 in	100 mm 3.94 in
Max performance p. min.	18 bundles	24 bundles
Compressed air	220 l/min	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

