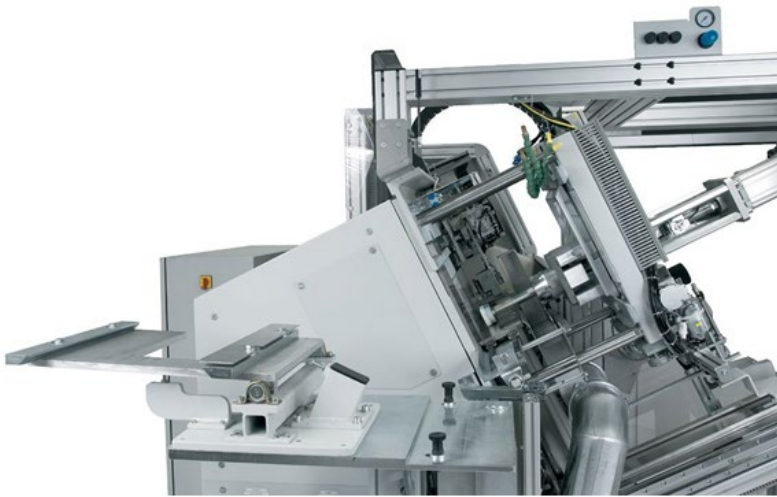


# LabelSystem DCC-12

high-quality die-cutting of compressible materials with counter pressure system



Edition: 11.2021 \ Subject to technical alterations.

## Description LabelSystem DCC-12

POLAR LabelSystem DCC-12 is designed for the highly automated in-line production of banded die-cut labels made of compressible materials, such as OPP foils for in-mold. The future-proof, new industrial control system enables remote maintenance and diagnostics, as well as integration into the digital workflow. The new DCC-12 has received a significant performance upgrade. The new control system has enabled improvements to various parts of the system, resulting in a 25% increase in productivity. The new DCC-12 achieves an output of 10 cycles per minute.

### The workflow:

- Strips are conveyed to the loading table of the **AC Autocut 25 PLUS** where they are being cut into label stacks
- A pusher device moves the stacks to the **System Die-Cutter DCC** (counter-pressure principle) where the stack is given its intended shape
- After die-cutting the label stacks are automatically pushed to the **Single-Station Bander BD** where they are banded

## Customer benefits

- ❖ Industrial control system enables remote services as well as integration into the digital workflow
- ❖ High performance of up to 600 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 pre-settings

## Technical data

Label size min. <sup>1</sup>	50 × 50 mm   1.97 × 1.97 in
Label size max.	170 × 250 mm   6.69 × 9.84 in
Die-cut format size min.	46 × 46 mm   1.81 × 1.81 in
Die-cut format size max.	166 × 246 mm   6.54 × 9.69 in
Clamp opening min.	35 mm   1.38 in
Clamp opening max.	120 mm   4.72 in
Tool height min.	65 mm   2.56 in
Tool height max.	145 mm   5.71 in
Max. performance per minute <sup>2</sup>	10 cycles
Compressed air	670 l/min

Further technical data are available for download on our website.

## Benchmarking

Number of helpers   operators	2 2	1 1
Bundles / 60 minutes <sup>2</sup>	360	600

<sup>1</sup> depending on stack height | <sup>2</sup> depending on material, label size