

System Die-Cutter DC

for an automatic in-line banding of packs in perfect quality.



Description of DC

The POLAR DC system die-cutter is the center of a complete POLAR Label System (in the picture: DC-12 PLUS). Integrated between the automatic cutting machine AC 25 and the BD single-head bander this die-cutter can make products which are freely definable in their design and not restricted to right angles.

The Autocut 25 cuts the pre-cut strips into label packs. The automatic label feeding system guides the individual products 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. Along special guide elements which ensure a careful transport the die-cut pack is either transferred to the BD single-head bander (option) or pushed into the manual delivery unit (option).

Customer benefits

- ❖ OnePunchRegister allows to position the cutting die in line with printed image with just one pack
- ❖ Ultimate die-cutting precision by securing the die-cut material on all four sides
- ❖ Optimum performance with minimum staff
- ❖ Easy set-up of the die with alternate-frame system outside the machine
- ❖ Short make-ready time by motorized precision adjustment of the cutting die within the machine

Technical data

Label size min.	20 × 40 mm	0.79 × 1.57 in.
Label size max.	170 × 210 mm	6.69 × 8.27 in.
Die-cut format min.	16 × 36 mm	0.63 × 1.42 in.
Die-cut format max.	166 × 206 mm	6.54 × 8.11 in.
Stack height min.*	35 mm	1.38 in.
Stack height max.*	125 mm	4.92 in.
Height of cutting die min.	50 mm	1.97 in.
Height of cutting die max.	100 mm	3.94 in.
Die-cutting force max.		50 kN

* depending on preceding and/or subsequent devices

** depending on material, format, operator

Further technical data are available for download on our website.

Edition: 03.2022 \ Subject to technical alterations.