

LabelSystem DC-M

Stand-alone die-cutter for high-quality small and medium runs, with manual loading



Description LabelSystem DC-M

POLAR's stand-alone die-cutter DC-M is extremely flexible, easy to operate and provides maximum die-cutting accuracy and a variety of shapes and sizes.

The workflow:

First of all the material to be die-cut is cut into label stacks by a high-speed cutter.

The pre-cut label stack is manually deposited in the feeder tray, then automatically moved in front of the stamping punch which presses it through the cutting die (puncture principle). This gives the label its intended shape. A delivery chute takes the die-cut final products to the exact position on the packing table.

Customer benefits

- Easy set-up of the cutting die off the machine, thanks to the alternate-frame system
- OnePunchRegister permits to adjust the cutting die to the printed image with only one pack
- Motorized precision adjustment of the cutting die allows to work at the machine without any tools
- Maximum die-cutting precision and high lifts are ensured, because the die-cutting material is aligned on four sides
- Large format range

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.	125 mm 4.92 in
Tool height min.	50 mm 1.97 in
Tool height max.	100 mm 3.94 in
Max. performance per minute ²	10 bundles
Compressed air	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
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