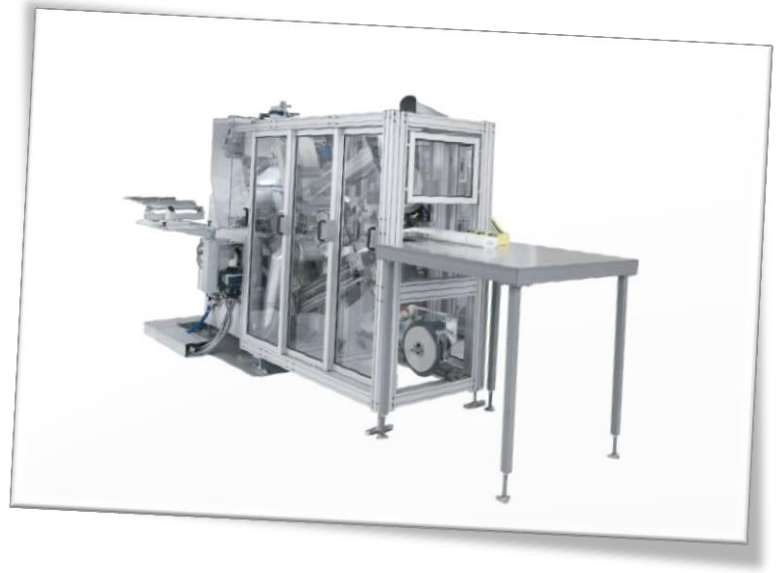


for high-quality die-cutting of compressible materials with counter pressure system.  
Manual loading.

## Customer benefits

- Only 10 to 15 minutes of make-ready time
- The cutting die is easily adjusted to the printed image by releasing the counterpressure plunger piston
- Motorized precision adjustment of the cutting die allows to work without any tools
- Ultimate die-cutting precision, because stack is aligned on all four sides and pressed before the real die-cutting takes place
- Minimum loss of material, because the stack remains locked between the stamping punch and the counterpressure plunger piston



## Highlights

- Alternate-frame system with positioning aid (patented) prepares material outside the machine
- A swivel table makes it easier to change the die frame
- A centered alternate frame permits easiest alignment to the right and left sides (patented)
- Short make-ready time by motorized precision adjustment of the cutting die within the machine
- A loading unit with two electronically controlled grippers takes the label stack and locks it in place during the transport (patent pending)
- An integrated device slightly lifts the stack while it is transported (patent pending)
- A cutting die with interchangeable die plate without recesses allows to die-cut without any support plates and ensures unmixed waste (patented)
- Pressing-in time for counter pressure (pre-clamping time) and the stamping punch speed can be adjusted
- Removal of cutting waste via extraction chamber, supported by selectable blown-air nozzles
- Cutting die without holding flash on the inside prevents the material from welding together
- Shuttle for downward unloading of the die-cut pack

## 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.
Stack height min.	35 mm   1.38 in.
Stack height max.	5 mm   0.20 in below height of cutting die
Height of cutting die, min. (recommended)	65 mm (115 mm)   2.56 in. (4.53 in.)
Height of cutting die, max.	145 mm   5.71 in.
Performance max. <sup>2</sup>	6 cycles / minute

## Benchmarking

	DC-M	DC-11
Number of helpers   operators	2   2	1   1
Bundles / 60 minutes	360 <sup>2</sup>	480 <sup>3</sup>

<sup>1</sup> depending on stack height | <sup>2</sup> depending on material, label size, operator | <sup>3</sup> depending on material, label size, pre-cutting, strip changes