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
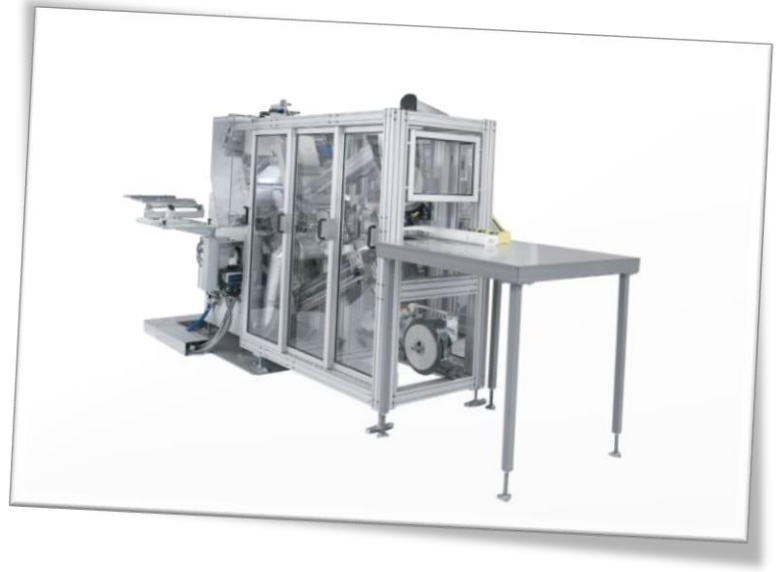
Highlights

- 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.[1]	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.[2]	6 cycles / minute

Benchmarking

	DCC-M	DCC-11
Number of helpers │ operators	2 │ 2	1 │ 1
Bundles / 60 minutes	360[2]	480[3]

[1] depending on stack height │ [2] depending on material, label size, operator │ [3] depending on material, label size, pre-cutting, strip changes