

for highly automatic in-line production of bundled die-cut labels.

Customer benefits

- Excellent performance of up to 1,440 bundles per 60 minutes with a minimum of manpower
- OptiChange** allows to perform a job change in only 15 minutes
- OnePunchRegister* allows to position the cutting die in line with the printed image with just one pack
- Utmost cutting and die-cutting precision via fixing the material
- Highly reliable in daily use and long lifespan



Highlights

- **Menu-driven setup makes operation easier and reduces make-ready time

Automatic cutting machine AC-25plus

- **Front-side knife change with alternate frames allows to prepare the knife outside the machine
- Utmost quality is provided by lateral aligning gauge, front gauge system and waste cut aligning gauge
- Cuts two strips at once

System die-cutter DCplus

- **Alternate-frame system with (patented) positioning aid for the preparation outside the machine
- **A centered alternate frame allows the precise alignment to the right and left-hand sides (patented)
- **Size adjustment of the gauge and feeder without any tools and synchronous via hand wheel (patented)
- *The stamping punch can be continuously extended millimeter by millimeter for setting the register
- Both bundles are separated in the feeding area and pushed into the die-cutter separately
- Option: Cardboard remover (patented) allows to work with underlay cartons even for log banding

Single-head bander BDplus

- **Motorized format adjustment via central control display
- **Precision adjustment also in automatic operation
- Allows two separating processes per die-cutting cycle, if the pack contains two divider cartons
- Ultrasonic-welding unit for single-pack and log banding
- Direct restart of production after interruption of control voltage, e. g. after reaching into the light barrier

Technical data

Label size min. ¹	20 × 40 mm	0.79 × 1.57 in
Label size max. (2 strips)	120 × 120 mm	4.72 × 7.72 in
Label size max. (1 strip)	170 × 210 mm	6.69 × 8.27 in
Stack height min.	25 mm	0.98 in
Stack height max.	120 mm	4.72 in
Height of cutting die, min. – max.	50 mm 1.97 in – 100 mm	3.94 in
Performance max. ² , 1 strip		16 packs / minute
Performance max. ² , 2 strips		24 packs / minute

Benchmarking

	DC-M	DC-11	DC-11plus
Number of helpers operators	2 2	1 1	1 1
Packs / 60 minutes	480 ²	960 ³	1,440 ³

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