

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.	50 mm	1.97 in
Height of cutting die, max.	100 mm	3.94 in
Performance max. ²	24 bundles / minute	

Benchmarking

	DC-M	DC-11	DC-11plus
Number of helpers operators	2 2	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, operator | ³ depending on material, label size, pre-cutting, strip changes