LabelSystem
SC-25

Shaping the development in the industrial production of square-cut labels

Description LabelSystem SC-25

POLAR LabelSystem SC-25 is extremely efficient and accurate in cutting. Two strips can be processed simultaneously and help to obtain new dimensions of performance of up to 1,560 packs banded in 60 minutes. It is designed as a modular system especially for industrial manufacturing of minimum-size labels. First of all, a POLAR high-speed cutter cuts the label material to strips, either in-line or off-line. Finishing is carried out in the automatic cutter POLAR Autocut 25, the central component of LabelSystem SC-25.

Workflow:
The precut strips are manually positioned on the LT-S and afterwards pushed onto the Autocut rear table. In the Autocut the strips are arranged on the rear table with their sides and front precisely aligned. Two strips, each, are cut simultaneously.
After being cut, the two labels are transferred via a swivel unit into the BSduo banding device. First, the two labels are separated. Then, a feeder unit pushes them through the banding material where they are properly welded. The banded products are transferred to the material delivery unit along special guide elements that ensure a careful transport. They can be removed for being packed.

Customer benefits

❙❙ Excellent performance of up to 1,650 bundles per 60 minutes with a minimum manpower
❙❙ Intuitive cutting program generation and alternate-frame systems for the knife ensure minimum setup times
❙❙ Ultimate cutting precision, because the material is held fast
❙❙ Very reliable for the daily work and long service life
❙❙ Careful material transport with special guide elements in the delivery unit

Technical data

Label size min.[1]	14 × 40 mm | 0.55 × 1.57 in
Label size min.[1] (optional)	11 × 27 mm | 0.43 × 1.06 in
Label size max.	50 × 120 mm | 4.72 × 4.72 in
Stack height min.	25 mm | 0.98 in
Stack height max.	100 mm | 3.94 in
Performance max.[2]	26 bundles / minute

Further technical data are available for download on our website.

Benchmarking (bundles / 60 minutes)

	SC-20[3]	SC-21[4]	SC-25[4]
Number of helpers | operators	1|1	1|1	1|1
24 labels / sheet (4×6 | waste cuts)	314	890	-
96 labels / sheet (8×12 | waste cuts)	712	2,044	1,053
192 labels / sheet (12×16 | no waste cuts)	1,296	3,185	1,560

[1] depending on stack height | [2] depending on material, label size
[3] including pre-cutting | [4] excluding pre-cutting

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