

# LabelSystem SC-25

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



· Edition: 05.2022 \ Subject to technical alterations

## Description LabelSystem SC-25

POLAR LabelSystem SC-25 is extremely efficient and accurate in cutting. Two strips can be processed simultaneously with a 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 pre-cut 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

- ❖ Tax Label Solution: cutting of minimum-size labels
- ❖ Excellent performance of up to 1,560 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. <sup>1</sup>	14 × 40 mm   0.55 × 1.57 in
Label size min. <sup>1</sup> (optional)	11 × 30 mm   0.43 × 1.18 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. <sup>2</sup>	26 bundles / minute

Further technical data are available for download on our website

## Benchmarking (bundles / 60 minutes)

	SC-20 <sup>3</sup>	SC-21 <sup>4</sup>	SC-25 <sup>4</sup>
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

<sup>1</sup> depending on stack height | <sup>2</sup> depending on material, label size

<sup>3</sup> including pre-cutting | <sup>4</sup> excluding pre-cutting