LabelSystem SC-21

for high automatic in-line production of square-cut labels with integrated banding

Description LabelSystem SC-21

In square-cut label production the POLAR LabelSystem SC-21 provides maximum efficiency, because production steps are carried out in parallel mode. First of all, a POLAR high-speed cutter cuts the label material to strips, either in-line or off-line. Finishing is carried out on the automatic cutter POLAR Autocut 115, the central component of Label-System SC-21.

The workflow:
The precut strips are manually positioned on the POLAR LT-S loading table, before they are pushed onto the Auto-cut rear table. In the Autocut 115 the strips are arranged on the rear table with their sides and front precisely aligned.

After the labels have been cut, they are automatically arranged on the front table. A deloading device pushes them into the BM-105 multi-station bander. After that the row pusher takes the complete label row to the banding device. Once the packs are completely banded they are pushed further onto the delivery table and can be manually removed for packaging.

Customer benefits

\\ Excellent performance of up to 3,185 bundles per 60 minutes with a minimum manpower
\\ Utmost cutting precision due to the lateral and front gauges
\\ Very flexible thanks to simple and quick change-over
\\ Highly reliable in daily use and long lifespan

Technical data

Labe size min.[1]	20 × 43 mm | 0.79 × 1.69 in
Label size max.	230 × 1.050 mm 9.06 × 41.34 in
Stack height min.	30 mm | 1.18 in
Stack height max.	120 mm | 4.72 in
Banding station max.	18
Performance max.[2]	5 cycles/ 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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