

for efficiently cutting labels, with automated waste removal, mobile aligning station and automatic unloading of products.

Customer benefits

- Longer service life of the knives and faster knife changing through POLAR OptiKnife with fine adjustment of knife in the bottom dead center
- Intuitive cutting program generation with block programming or Compucut ensures very short set-up times
- Utmost cutting precision due to the lateral and front gauges
- Very reliable for the daily work. Long service life due to a stable one-piece machine frame, knife drive unit with worm gear, and compact, fully enclosed hydraulic system



Description of the machine

The automatic POLAR Autocut 115 cutting machine is the core component of the SC-21 LabelSystems for the efficient production of square-cut labels.

The material is fed via the POLAR LT-S buffer / loading table. The pre-cut strips are manually positioned on the LT-S and afterwards pushed onto the Autocut rear table. For safety reasons, the transfer area is secured by a light curtain while the strips are transported. In the Autocut the strips are arranged on the rear table with their sides and front precisely aligned (lateral adjusting gauge, front gauge). After the labels have been cut, they are arranged on the front table (aligning station) and a deloading device pushes them out into the BM-105 multi-station bander.

Technical data

Cutting width in automatic operation max.	1,050 mm 41.34 in.
Feed depth	1,400 mm 55.12 in.
Clamp opening min.*	30 mm 1.18 in.
Clamp opening max.	120 mm 4.72 in.
Label size min**	20 x 40 mm 0.79 x 1.57 in.
Label size max	230 x 1,010 mm 9.06 x 39.76 in.
Clamping pressure min.	150 daN
Clamping pressure max.	4,500 daN
Number of cycles in automatic operation	5 cycles / minute

* depending on preceding and/or subsequent devices

**depending on the clamp opening,

Further technical data are available for download on our website.