

the programmable cutting automat with automatic trim removal, mobile aligning station and automatic unloading of labels for efficient label production.

Customer benefits

- Extended operating life of the knife as well as faster knife change thanks to POLAR OptiKnife with knife fine adjustment in the lower dead end
- The automatic trim removal can increase your productivity up to 30%
- Shortest make ready times thanks to intuitive cutting program generation via block programming or even Compucut
- Greatest cutting accuracy due to the POLAR-Positioning-System DPS with a mechanical positioning accuracy of 1/100 mm
- Highly reliable in daily use and long lifespan as a result of the stability of the one-piece machine frame, knife drive with worm gear drive and compact closed hydraulic system



Description of the machine

The Automatic cutting machine POLAR 137 Autotrim M is mainly used in the print format class 70 × 100 cm | 40" in.. Formats up to a diagonal of 1.370 mm | 53 15/16 in. can be easily handled and turned in the high-speed cutter. Cutting material with larger formats can only be turned on the front table.

The high-speed cutter forms in conjunction with peripheral equipment (lift, jogger, buffer, transport grippers, loading system) a label system DC10 or SC20..

Technical data

Cutting width	1.370 mm 53 15/16 in.
Feeding depth	1.400 mm 55 1/8 in.
Loading height max.	120 mm 4 3/4 in.
Safety clamp pressure	30 daN 67.5 lbs
Clamp pressure, min	150 daN 337.5 lbs
Clamp pressure, max	5.500 daN 12,375 lbs
Backgauge speed on return way (0 - ...)	600 mm/sec 23 5/8 in./sec
Knife speed	45 cycles/min
Smallest cut, automatically, without false plate	25 mm 1 in.
Smallest cut, automatically, with false plate	95 mm 3 3/4 in.
Number of cycles in automatic operation**	4 cycles / minute

Further technical data are available for download on our website.