

Manual preparation of the material (jogging).  
Automatic loading onto the high-speed cutter.  
Automatic cutting of undivided reams, manual unloading, automatic piling of cut labels on pallets.

## Customer benefits

- Excellent performance: the system processes up to 45 reams in 60 minutes
- Compared with a manual system, this system increases the output up to 100 %, or reduces labour costs by saving one person
- Ensures high flexibility, because you can easily change between automatic and manual operation
- Provides exactness and consistent cutting quality. Twenty-four hours a day



## Description of the system

The Autoturn turning gripper with automatic aligning gauge is the centre of the PACE cutting system. The gripper system turns the ream on the rear table, either 90 or 180 degrees, to the right or left-hand side. Then an automatic gauge positions the ream. The cut is released automatically. In this way, undivided reams can be cut without any operator. If further cuts are needed, the operator continues the cutting job and turns the individual products manually.

A POLAR Autotrim high-speed cutter, which automatically removes the cutting waste, is a precondition for this highly automated PACE cutting system.

The unloading Transomat makes it much easier to unload the high-speed cutter. This optimizes the entire workflow. The intermediate and final products are manually pushed onto the Transomat transport pallet. In automatic cycles, they are precisely stacked on the pallet.

## Fields of application

This system is typically used by companies working with at least two printing presses for medium-size format or larger, who wish to replace an existing cutting system. It is recommended for a capacity utilization of more than eight hours, jobs with at least six cutting reams to be processed, and an average number of a max. 8 cuts.

## Technical data for automated material handling

Format, min.	500 × 500 mm   19.69 × 19.69 in
Format, max.	790 × 1,100 mm   31.10 × 43.31 in
Height of ream, min. - max.	30 mm - 140 mm   1.18 in - 5.51 in
Cycle time - turning 90 degrees + aligning	20 seconds
Cycle time - turning 180 degrees + aligning	23 seconds
Cycle time - four-side trim (4 cuts, turning 3 times)	80 seconds
Cycle time - four-side trim (4 cuts, turning 3 times, loading and unloading)	90 seconds

Technical data for individual components are available for download on our website.