

UPGRADES

# Cylinder stitcher

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Cylinder stitcher integrated in the folder with double circumference and dedicated AC motor drive (11 millimeters and/or 16 millimeters staple sizes).

## To expand production possibilities

**Stitched inserts convey more of a magazine feeling that gives advertising departments a very effective sales argument.**

These days newspaper and commercial printing plants are working in an environment that demands flexibility and dependable production possibilities. As a result of new requirements from the customers and the marketplace, the importance of high-speed inline stitching is growing.

By offering an inline stitching retrofit for existing folders, manroland is helping its customers to meet these new requirements. A cylinder stitcher with individual drive can be retrofitted to almost all types of folders and also to existing folders with longitudinal shaft drive. This means that a cylinder stitcher of the latest generation with a dedicated drive can also be retrofitted to older types of folders.

The manroland inline cylinder stitcher with double circumference can be equipped with either two or four stitching piston systems, meets the highest quality demands and is extremely reliable.

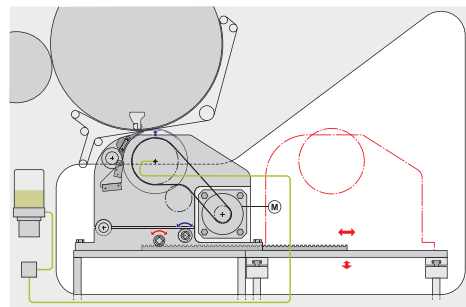
The solid design with double circumference ensures a high level of production reliability at maximum stitching speed (65,000 rph LITHOMAN III, 45,000 rph LITHOMAN IV). The high-grade industry standard makes a big contribution to minimizing maintenance costs. The stitcher is operated comfortably from the HMI operating panel or a separate terminal.

Products from 8 to 64 pages can be stitched. Depending on the stitching piston systems fitted, two different staple sizes can be used (11 or 16 millimeters). Easy conversion of the upper part of the stitching piston and bending roller enables production to be changed for up to 32-page or up to 64-page products in collect or straight run mode. ■■

Specification for cylinder stitcher with individual drive	Description
Mechanical production speed	70,000 cylinder rph
Stitcher design	Double circumference with two stitching piston systems
Construction	Sturdy construction to a high industry standard
Pagination capacity	8 to 128 pages
Production modes	Straight run/collect whereby one system is deactivated; wire feed at half-speed
Wire/staples	Two wire gauges (0.45 mm and 0.55 mm) Two staple sizes (11 mm and 16 mm)
Drive	Stitching cylinder individual motor drive (circumferential adjustment via drive motor, AC servomotor for continual wire feed with monitoring)
Special features	Wire ejection mechanism in the event of a wire break (patented)
Fitting/removal	Simple fitting and removal by a rail system and transport cart
Number of staples	Two to four stapling systems
Operation	Integrated in an HMI or separate operating panel
Power supply	3 x 380-480 V AC, 20 A for each machine/fold
Connection	Modular plug, power connector for servomotor, connection to central lubrication and compressed air supply
Output	All jobs can be produced at the same speed that the user is accustomed to
Color	Slate gray

## Benefits

- Expanded production possibilities
- A finished product opens up new market opportunities
- The magazine-like quality of the product attracts advertisers
- A high level of quality from design right through to production (reliable industry standard)
- Extremely reliable production (e.g. through patented keyway clearing system for ejecting staple residua)
- Reduced maintenance effort



Fitting position of the cylinder stitcher with individual motor.

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