

Prima-S Saddle Stitcher

Your best investment
for adding value
to print media products

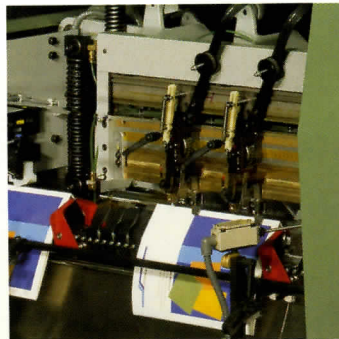
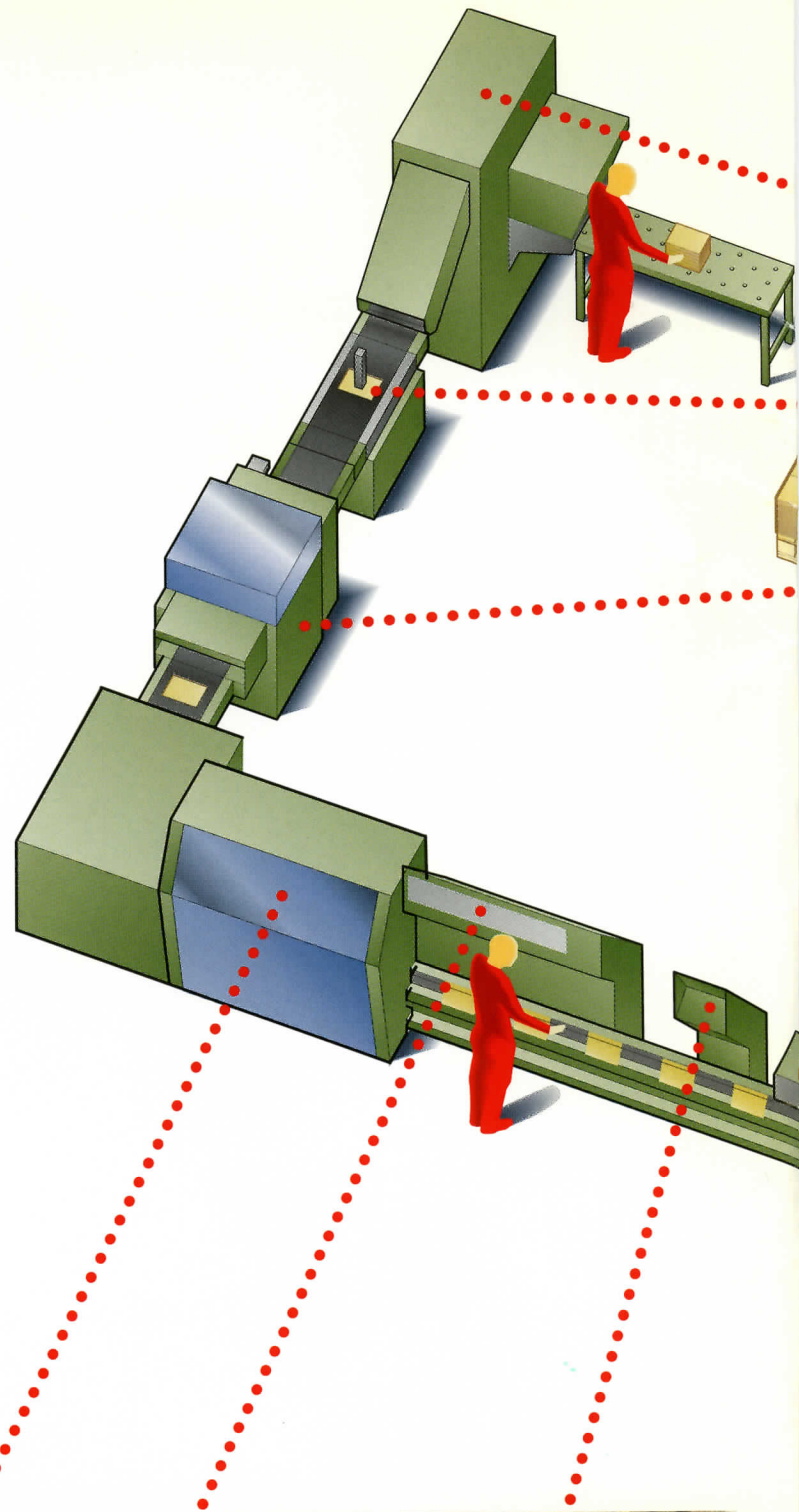
MÜLLER MARTINI



A total solution

for efficient production of magazines, catalogs, brochures and leaflets.

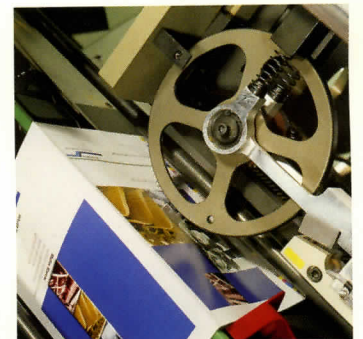
The Prima-S Saddle Stitcher is a very flexible production line for all print finishing needs. It offers a wide range of options for customized production of printed products such as automatic loading; folding of covers and cards; selective gathering of signatures according to target groups; personalizing; tipping of merchandise samples, reply cards, CD-ROMs; processing of 2-up production; hole punching; inserting of loose inserts; in-line addressing; and film wrapping. The new Prima-S Saddle Stitcher satisfies today's most demanding production requirements.



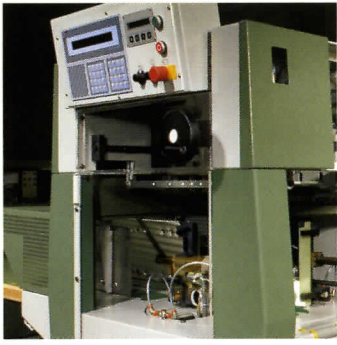
Standard and eyelet stitching



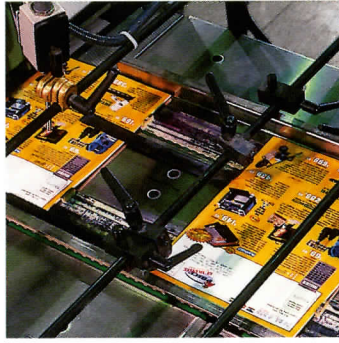
Display and operation



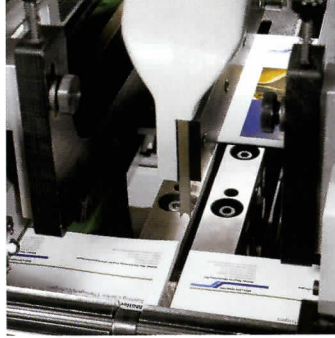
Lateral thickness measurement



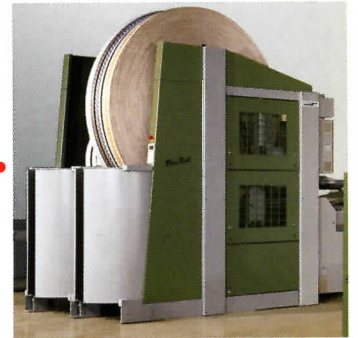
Stacking with and without stack compensation



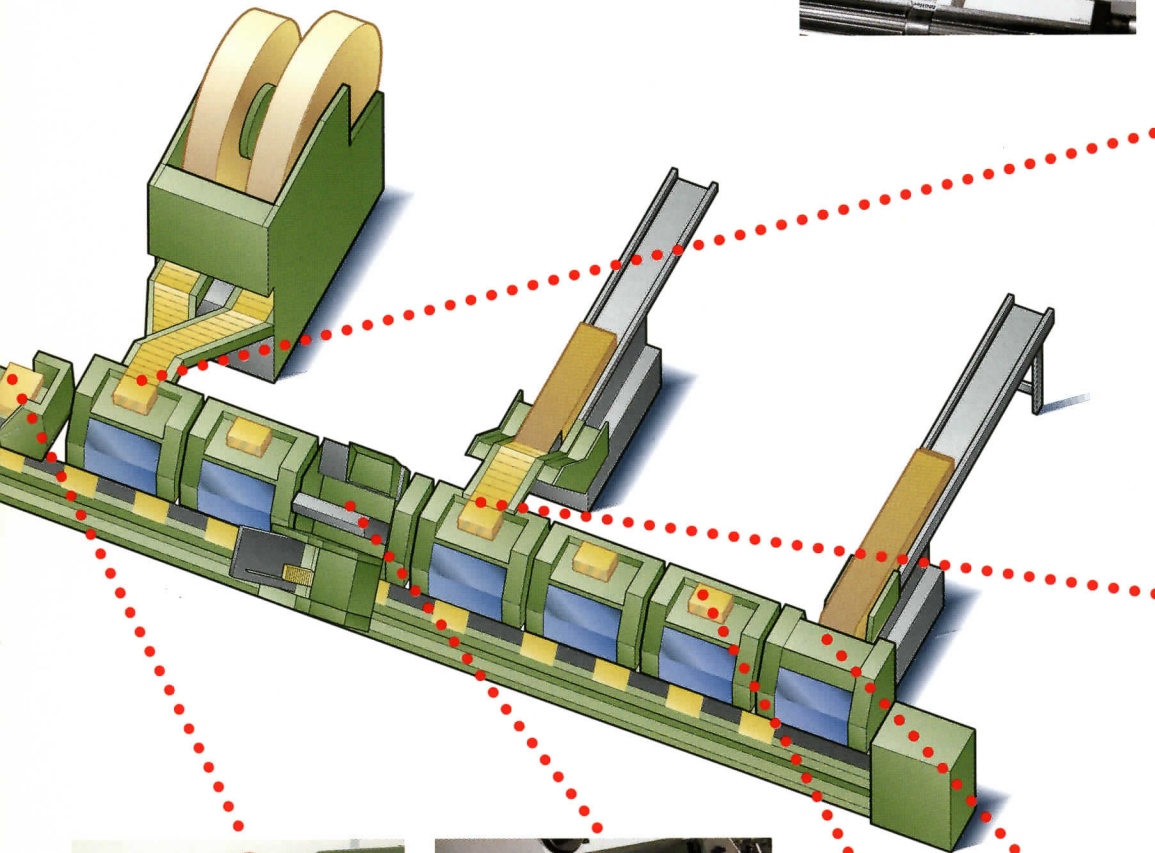
Ink-jet addressing after the 3-knife trimmer



One-up and two-up trimming



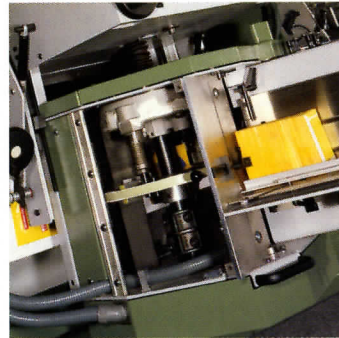
Loading from rolls



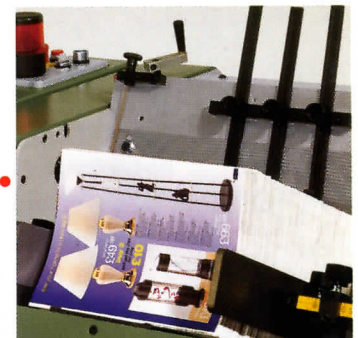
Loading with bundles



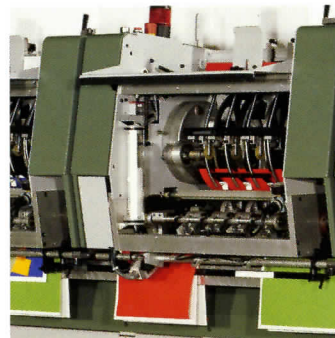
Folding of covers and cards



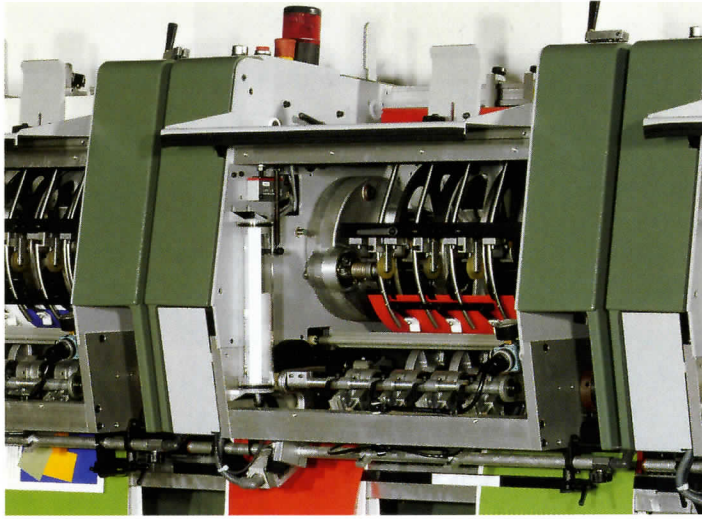
Gluing of merchandise samples



Feeding with vertical pile feeders



Feeding with flat pile feeders

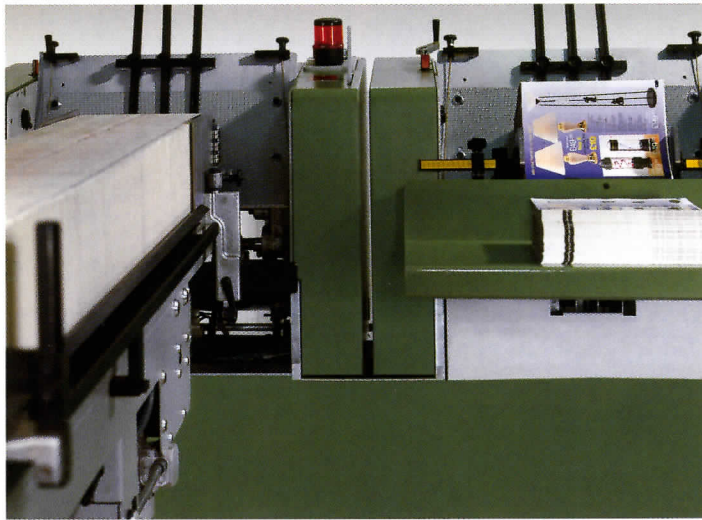


Choice of feeders enables universal utilization

The feeder concept allows a quick change of feeder head configurations on the universal bases.

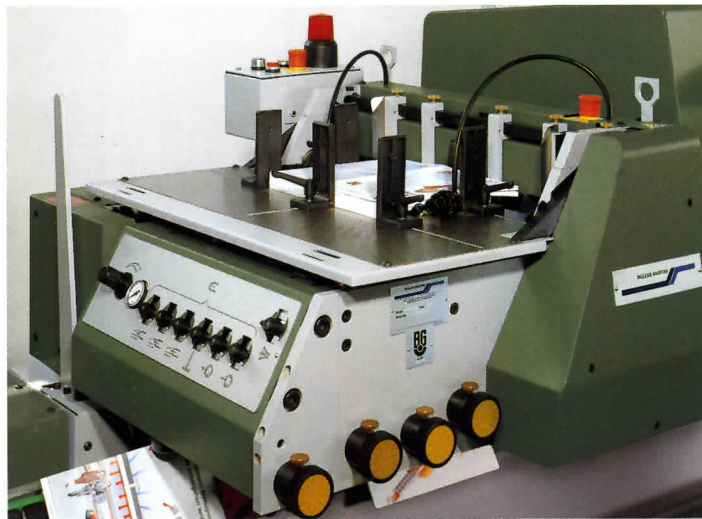
Flat pile feeder Model 370

The feeder can be loaded manually or automatically with stream feeders or from rolls. Suitable for high and low folio signatures or suction opening.



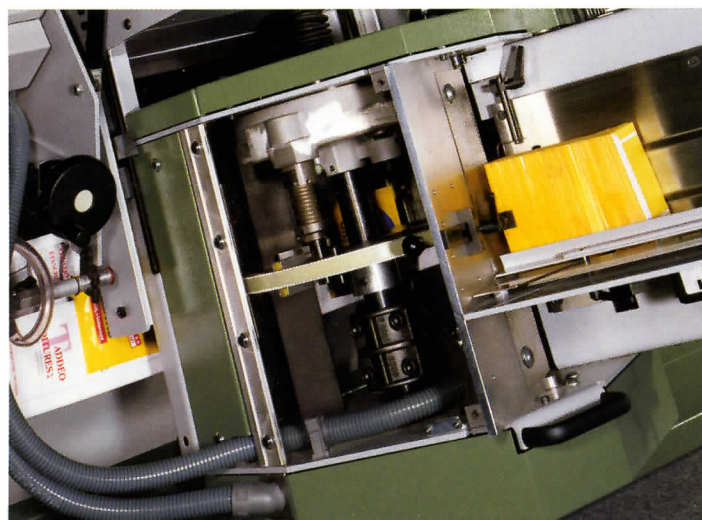
Vertical pile feeder Model 370

This feeder is particularly suited for heavy signatures with high page count. Bundle loading extensions are available which are the optimum solution for efficient loading.



Card and cover folder feeder Models 1528/1529

With these folder feeders, single sheets such as covers and cards are scored, folded and applied in one operation. All settings can be adjusted on-the-fly. The Model 1528 card folder feeder can be mounted at any feeder position along the chain.

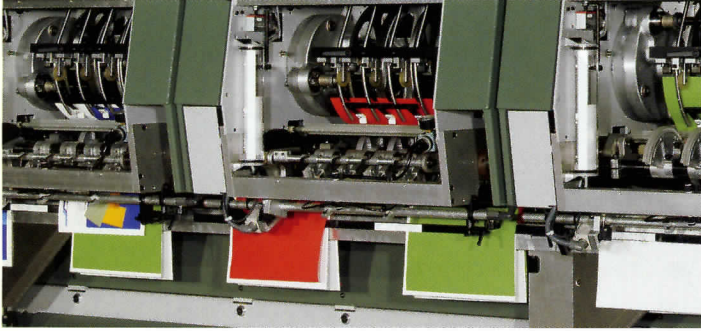


Card gluer Model 423

The card gluer allows efficient, spine-to-spine application of a wide variety of merchandise samples, cards, CD-ROMs and mini-brochures even at maximum machine speed.

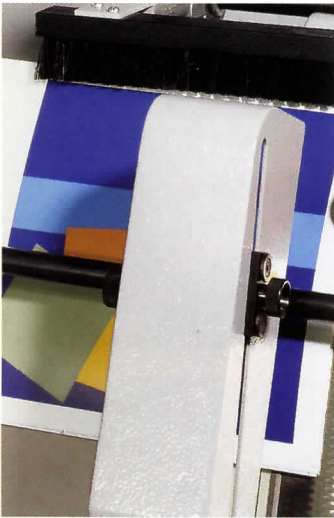
Choice of automatic quality controls to guarantee customer satisfaction

Every producer strives to supply the reader only with products of perfect quality. Optical and mechanical controls ensure this quality.



Copy Control, sequential on/off

At the production start-up, feeders are turned on sequentially; at the end of production, they are turned off likewise. When the copy control detects missing signatures, signature feeding at subsequent feeders is inhibited. This procedure reduces waste significantly.



Oblique sheet monitor

Photo cells check the position of each copy on the chain. If improperly placed signatures are detected, the product is ejected unstitched.



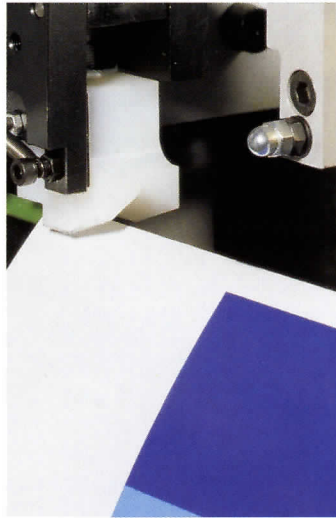
Lateral thickness measurement

The thickness of every copy is checked using a reference value. Incomplete copies are rejected unstitched to eliminate faulty copies.



Thickness measurement with ridge caliper

Each copy on the chain is checked at the ridge for correct thickness. Faulty copies are ejected unstitched.



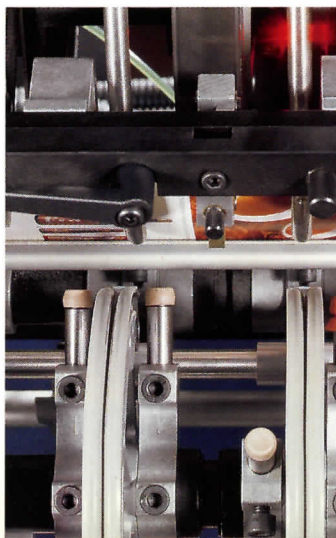
Stitch monitor

The stitch monitor continually checks the number of staples applied against the preselected number.



Trim monitor

Each individual product is checked during trimming for trim accuracy by the integrated trim monitor.



Automatic signature image recognition Asir

Optical signature recognition compares the fed signature with a reference signature. Every single signature is checked; incorrectly loaded signatures are immediately recognized and ejected.



Simple operation for convenient supervision

Operation and supervision are made easy by the master screen and individual operator controls.

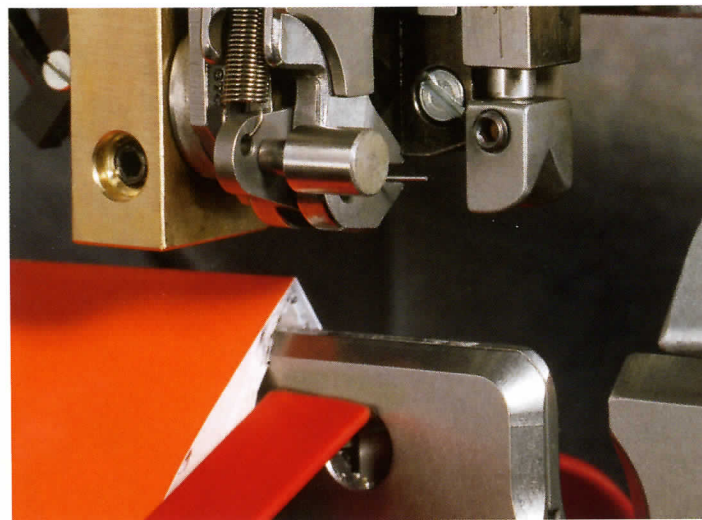
Programmable control system

Electronic controls support the operating personnel with menu-guided makeready and changeover, displays and other visual aids.



Local control unit at every feeder

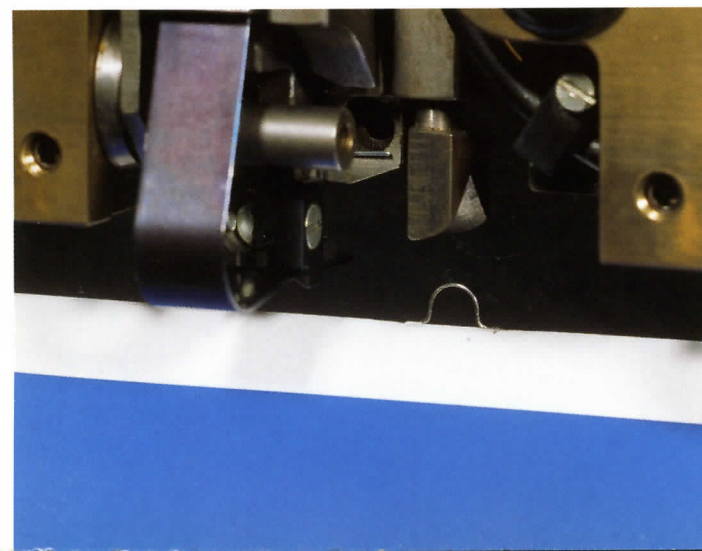
Each feeder is equipped with a local control unit. Machine start and stop, as well as feeder engagement and disengagement can be controlled locally.



Precise stitching

Flying stitching heads

Flying stitching heads ensure efficient product flow without stop-and-go movements, to ensure consistent operation and high net output.



Standard and eyelet stitching

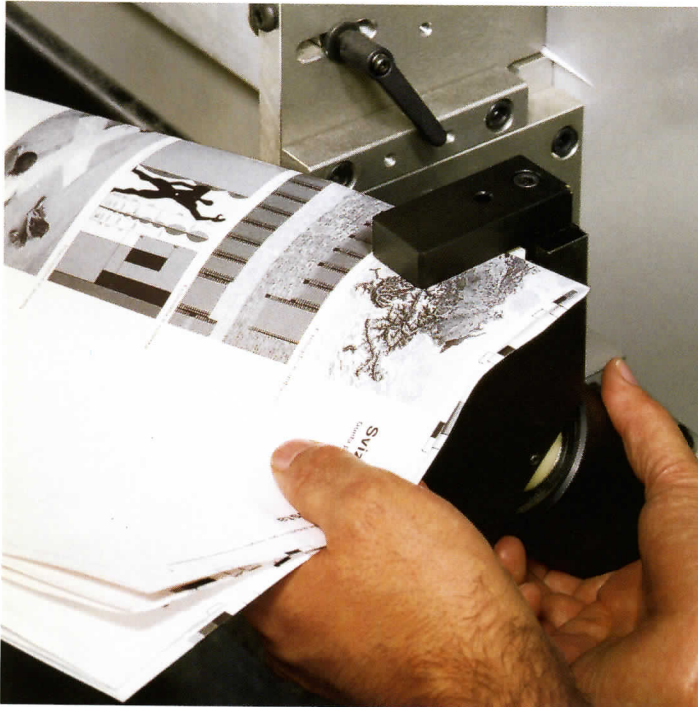
The Müller Martini flying stitching heads are known for precise stitching, even when running in multi-shift operation under the most demanding conditions. A choice of stitching head configurations allows a variety of stitching variations and stitch lengths.



Precise trimming

Three-knife trimmer Model 361

- Automatic product alignment with lateral on-the-fly infeed adjustment
- Sturdy, wide knife guides ensure excellent trim quality and very long knife life.
- Trim sequence: Front trim, followed by head/foot/center trim
- Pneumatically controlled product stops
- Heavy-duty front pressing
- Trim monitor with waste divert



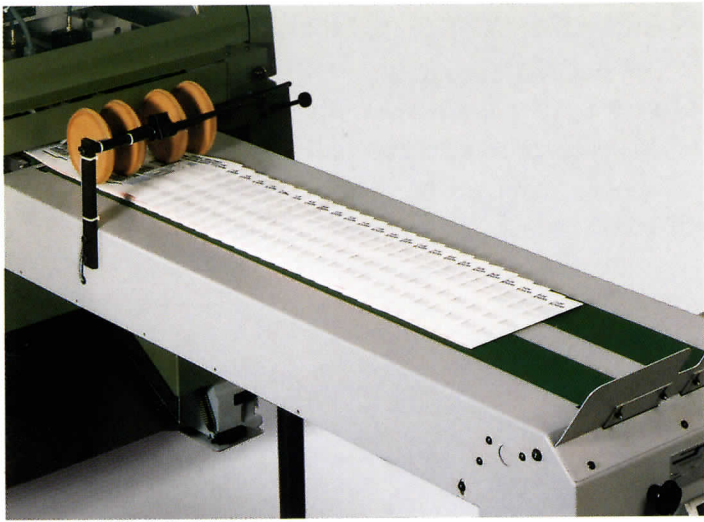
Simple set-up

The entire cutting assembly is adjusted to the correct height by the simple product thickness setting. Upper belts moving up in parallel during the cutting operation guarantee gentle processing of the products.



Other advantages:

- Simple mounting of the center cut knife or hole punching device increases production efficiency and flexibility
- Installation and removal in less than 15 minutes

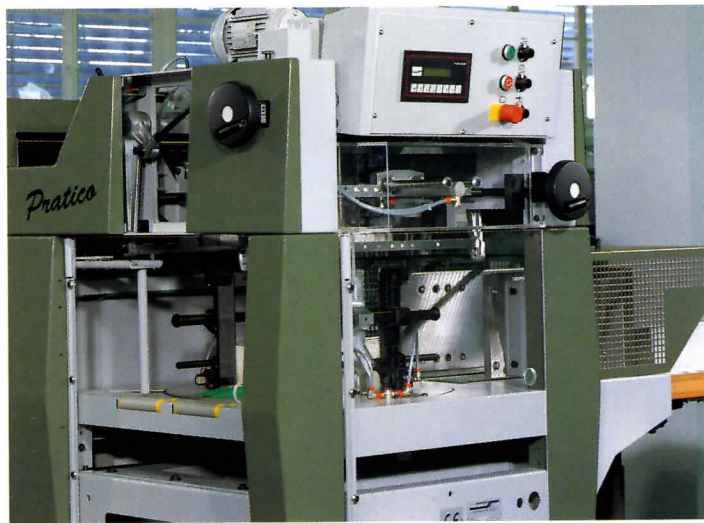


Gentle delivery and stacking options

Products can be delivered shingled or in stacks.

Shingle delivery at the three-knife trimmer

Shingle delivery Model 1511 equipped for automatic gap compensation and shingle separation system can be installed at the end of the three-knife trimmer.



Stacker for compensated or uncompensated stacks

The Pratico Compensating Stacker produces neat compensated and uncompensated stacks of preselected copy count. Stacks can be delivered to the left or right, or alternating left and right.



Roller delivery at the compensating stacker

Designed for manual pick-up, stacks are delivered on a roller table.



Belt delivery at the compensating stacker

The belt delivery transfers products from the saddle stitcher to automatic packaging lines for in-line tying, film wrapping, or palletizing.

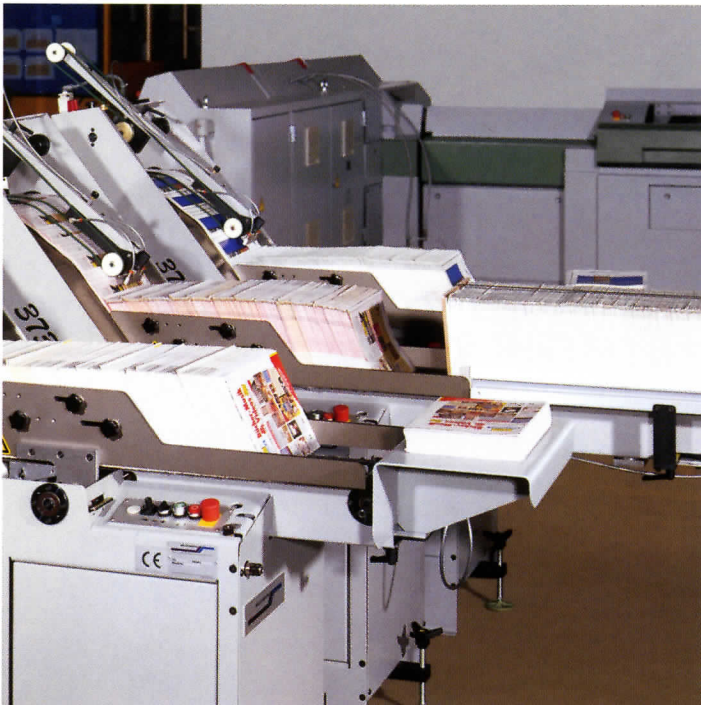


Automation for greater productivity

Various production steps can be automated, either initially or during a future investment phase, especially the loading process, to reduce material handling.

Bundle loader for vertical pile feeder

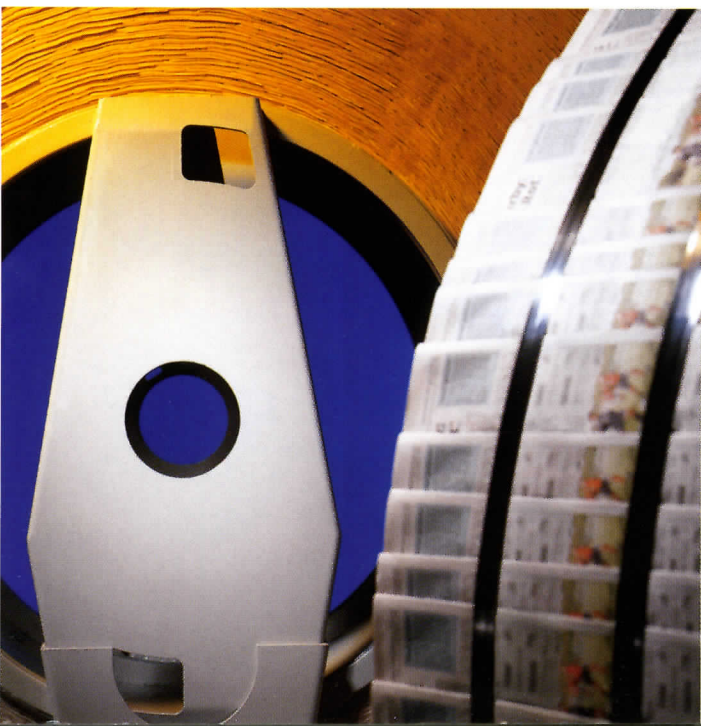
Automated bundle loading of the vertical pile feeder with a bundle loading extension.



Hopper loader for flat pile feeder

With a stream feeder, bundles can be automatically loaded into a flat pile feeder from the rear. The Universal Stream Feeder Model 3738 is suited for both manual and automatic loading. Changeover from one loading mode to the other is completed in minutes.

The compact, economical Stream Feeder Model 3738 is available in two different lengths, depending on available production space.

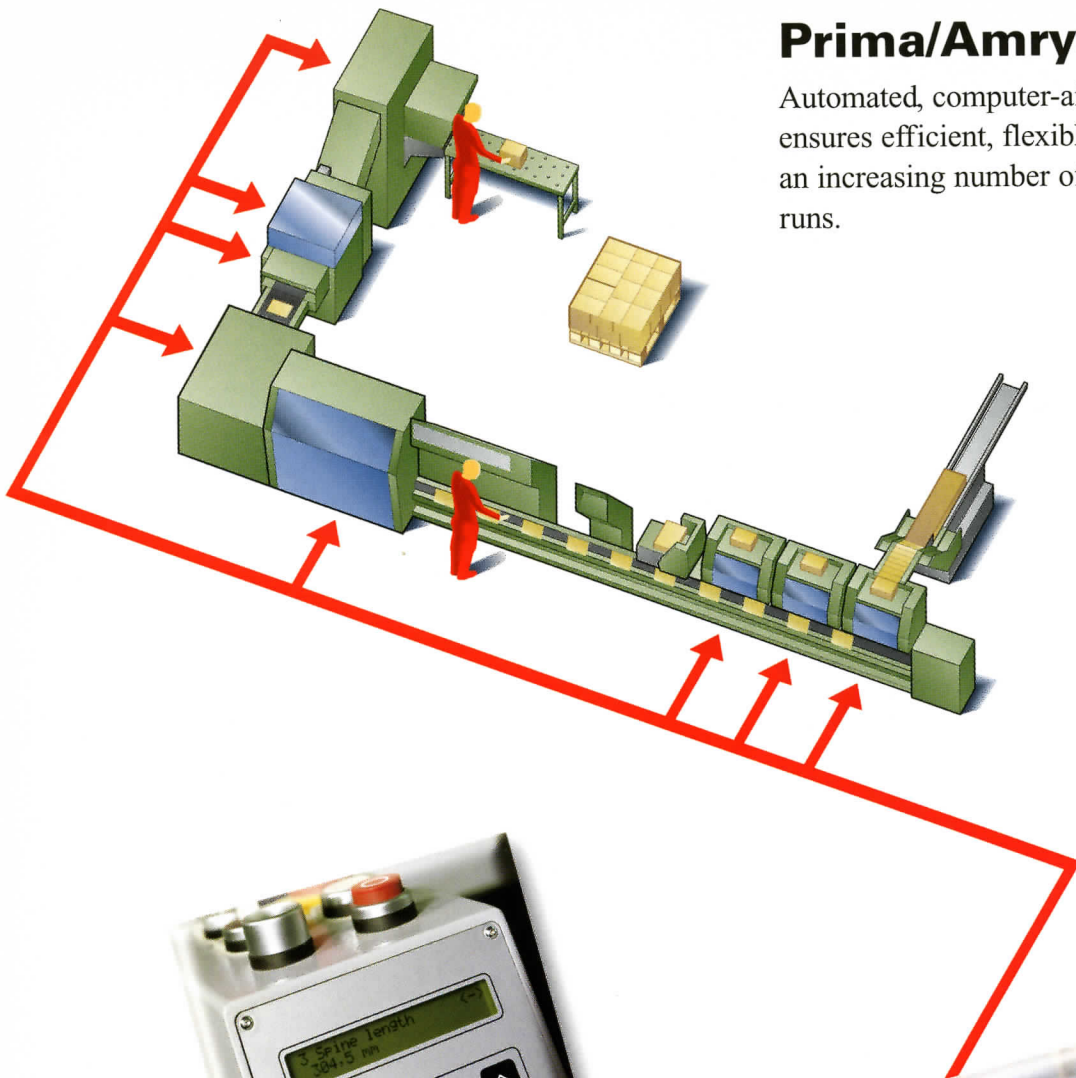


Loading from rolls

Ensures the highest degree of automation in integrated production from printing press to loading on the saddle stitcher.

Prima/Amrys

Automated, computer-aided makeready and changeover ensures efficient, flexible production when faced with an increasing number of runs, including split and repeat runs.

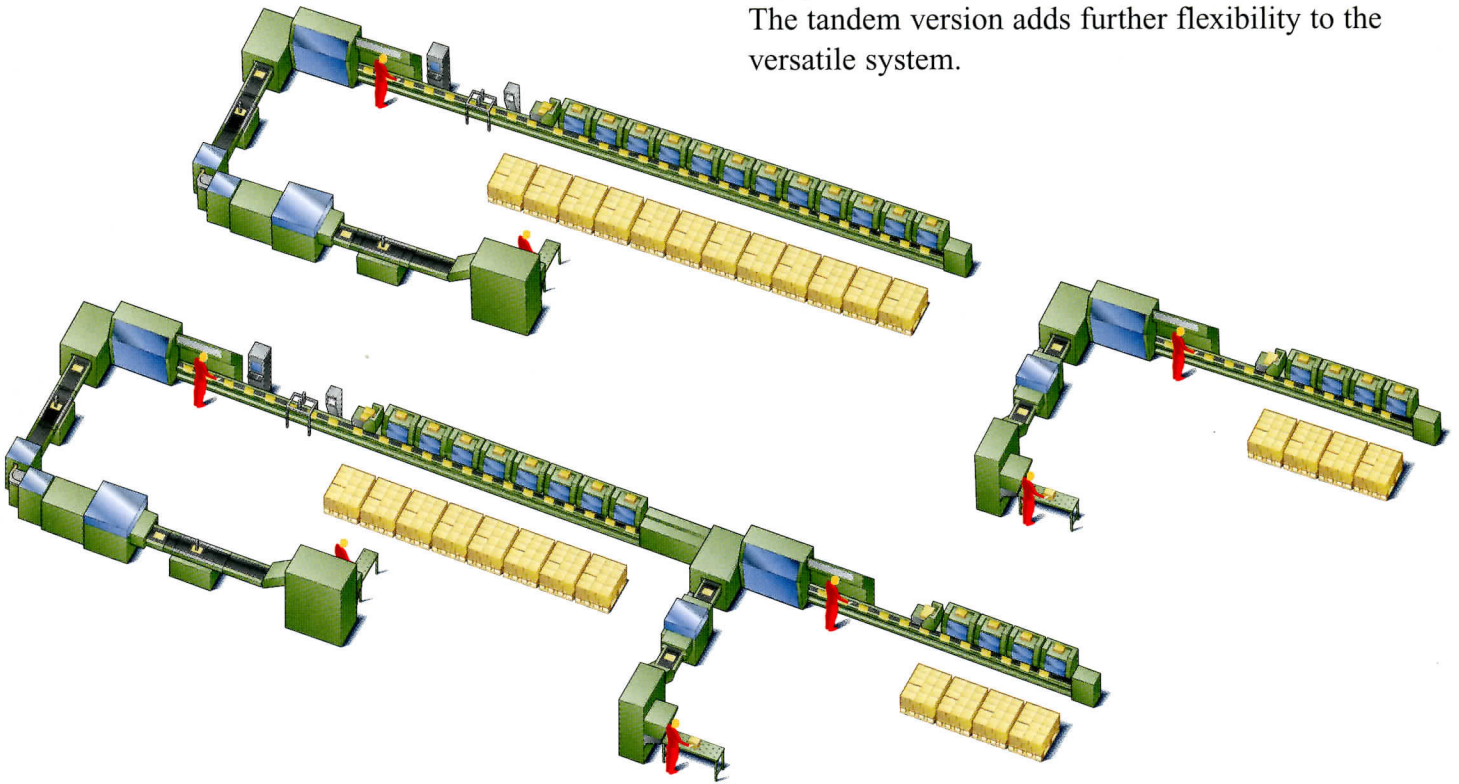


Automated size settings on the feeders, stitching machine, three-knife trimmer and compensating stacker reduce makeready and optimize the production capacity.

Layout flexibility

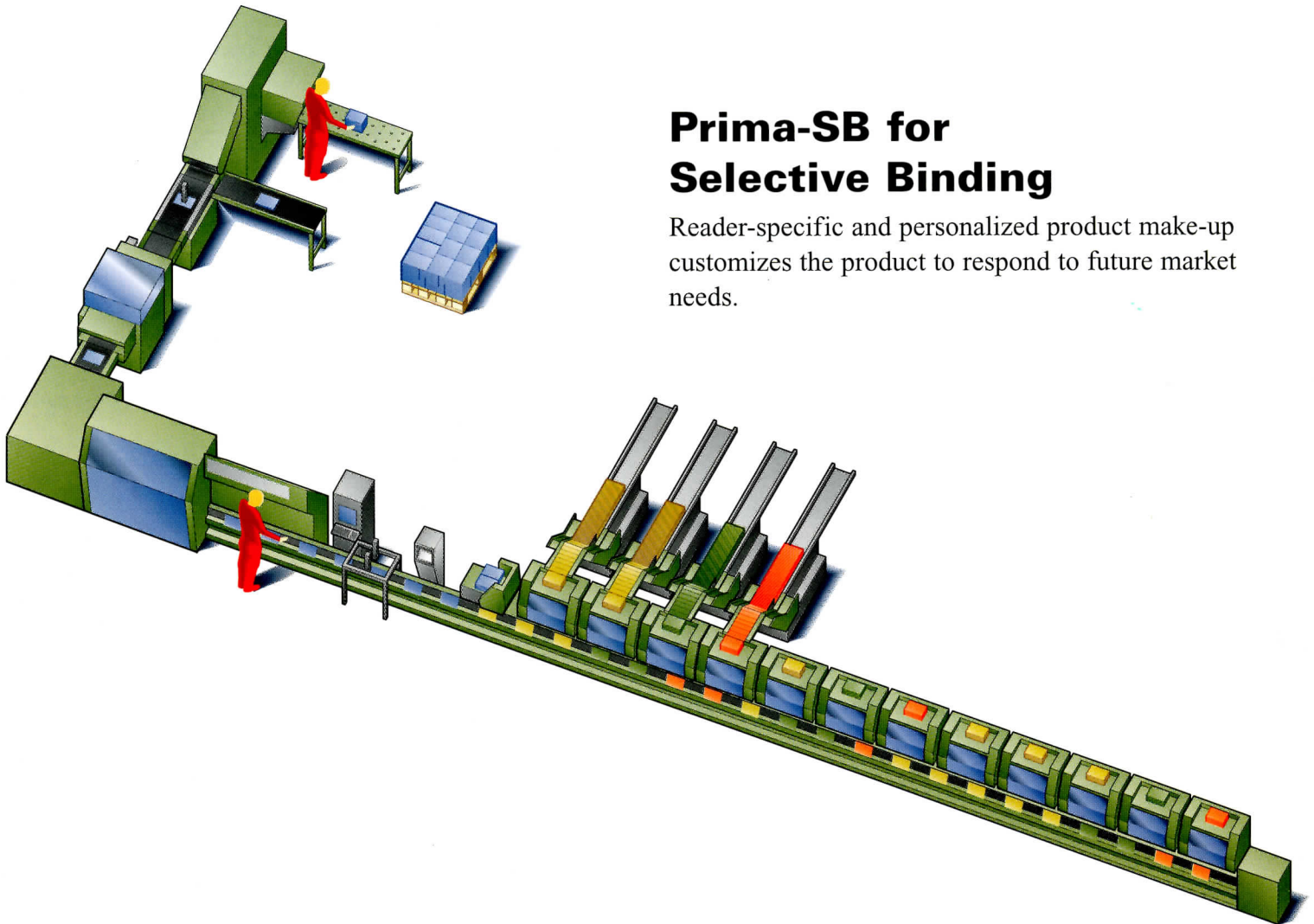
Due to its many different layout configurations available, the Prima saddle stitcher line can fit into any production operation.

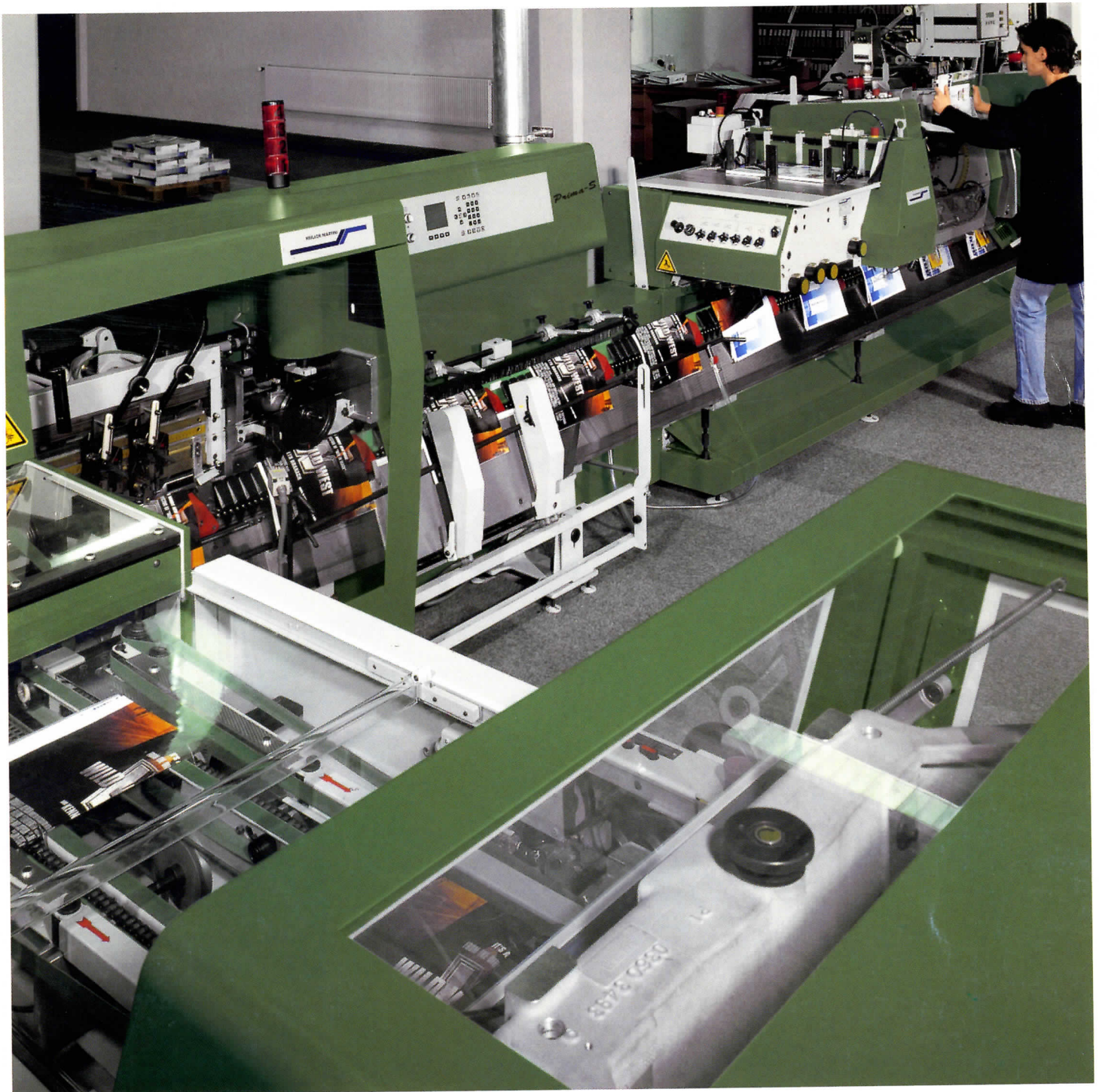
The tandem version adds further flexibility to the versatile system.



Prima-SB for Selective Binding

Reader-specific and personalized product make-up customizes the product to respond to future market needs.





Prima-S Saddle Stitcher

the flexible production system
for print finishing operations
with a wide range of work

This brochure may show components that are not standard equipment and are available as options only.

In some cases, protective covers in the photographs have been removed or opened for illustrative purposes.

Design and equipment configuration subject to change.

Sales and Service

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