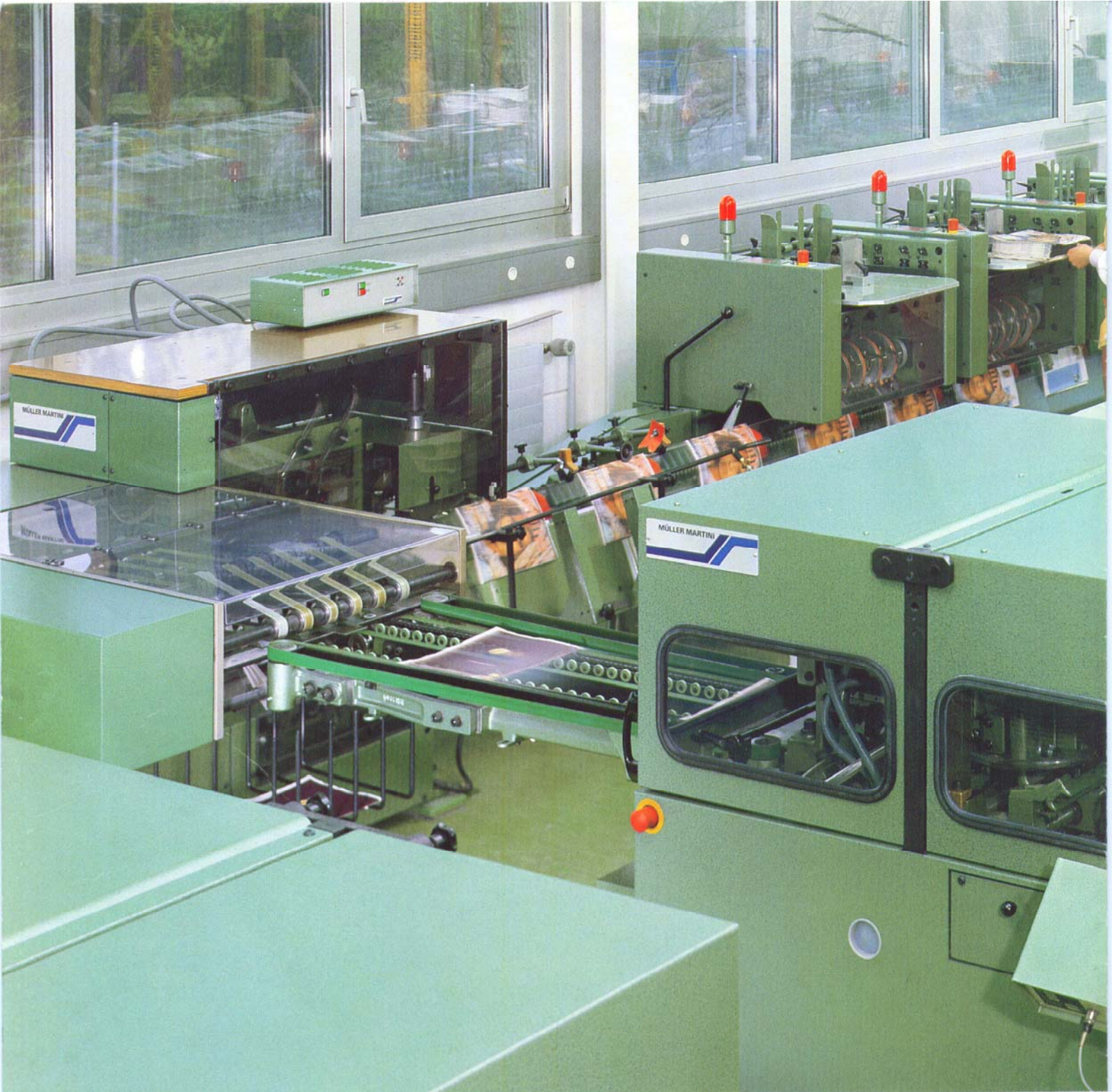




**Saddle stitcher 335 –
a versatile machine for a wide range of products**



Quick makeready — high productivity

Saddle Sticher 335 is ideal for magazines, booklets, leaflets, financial reports and a wide range of products. Key advantages:

Extremely flexible

Universal base for section feeders, card gluers and folder feeders.

Feeder change in minutes

All feeder heads have identical dimensions and have plug-in air and electrical connections.

Ideal loading height

The hopper is only 1.1 m (43") above floor level and can therefore be loaded comfortably without a platform.



Outstanding features

high productivity and dependability

- quick makeready
- high production speed
- broad product size range
- standardized, interchangeable feeder heads
- automatic monitoring and quality controls
- heavy-duty construction for round-the-clock production

exceptional operating convenience

- low-silhouette feeders (1.1 m/43") for easy loading
- simple set-up
- individual ON, OFF and 2:1 mode selection at each feeder
- electrically interlocked protective covers
- sound absorbing covers to reduce noise level
- central control console

simple maintenance

- plug-in air and electrical connections
- convenient access and layout

Precise stitching

Assured by the patented flying stitching heads – for regular or loop stitching.

Built-in quality controls

Dependable caliper, oblique sheet and trim monitors assure consistent quality.

Accurate trimming

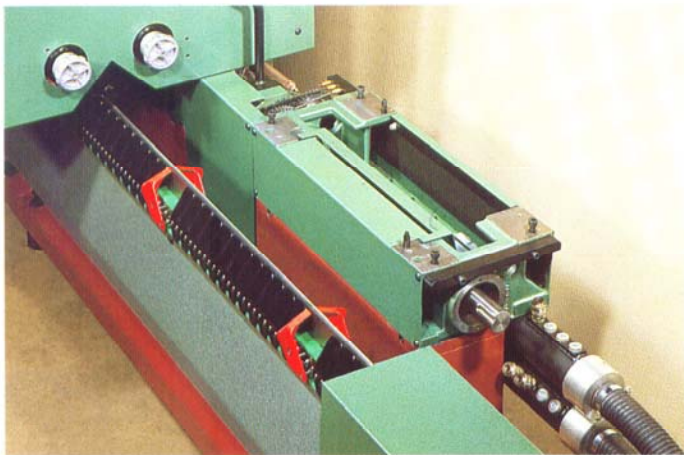
Assured by 3-knife Trimmer 890, the ideal complement to Saddle Stitcher 335.

In-line to the loading dock

Modular design allows expansion at any time.

The Saddle Stitcher 335 was designed to meet the needs of the modern bindery which performs a wide variety of work with diverse production requirements. Short changeover time between jobs and high output, combined with the wide selection of feeder heads, guarantee unusual flexibility and excellent productivity. The Saddle Stitcher 335 can be expanded as needed and represents an investment in the future.

Features which make the difference

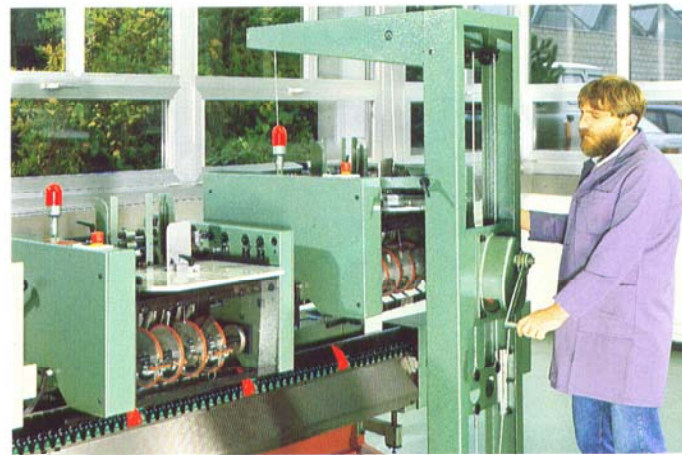
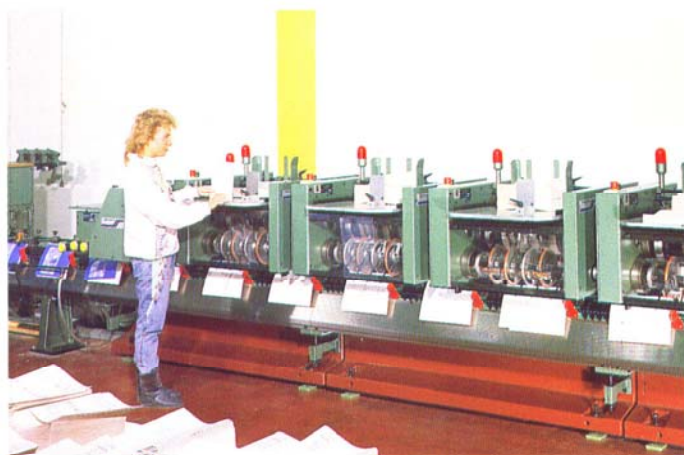


Universal Base

- ONE base accepts all types of feeder heads
 - each base module can accommodate two feeder heads
 - feeders need not be bolted to the floor
 - all necessary connections are integrated into the base
 - section feeders, folder feeders and card gluers can be used interchangeably in any position and exchanged in minutes
- Quiet, vibration-free running of the machine, no need for bolting to the floor and complete interchangeability of the various feeder heads are the key benefits.

Unparalleled Flexibility

- plug-in air and electrical connections
 - suction and gripper opening
 - quick-release coupling between feeder head and base
 - modular design to meet future needs
- No lost business because of an inadequately equipped machine. Its flexibility allows you to handle any job.



Efficient, Interchangeable Feeder Heads

- proven flat pile feeder for light as well as bulky sections
- interchangeable feeder heads for covers, cards and merchandise samples
- convenient loading height
- changeover of feeder heads in minutes
- wrenchless size adjustments
- selector switch for 1:1/1:2 production modes and zero position for idling
- each feeder can be individually timed

Standardized, interchangeable feeder heads can be used on several machines, which results in production flexibility and maximum return on investment.

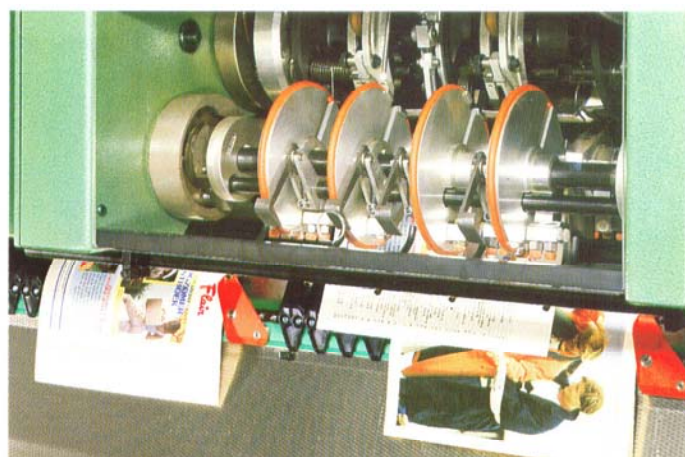
Feeder Changeover in Minutes

A special lifting device on casters is available (optional) to move feeder heads. Spur gear drives and plug-in air and electrical connections minimize changeover time. Moving a feeder head (section feeder, card gluer, folder feeder) requires no special skills or physical effort. Two feeder heads fit on one EURO-pallet for convenient storage.



Convenient Operation

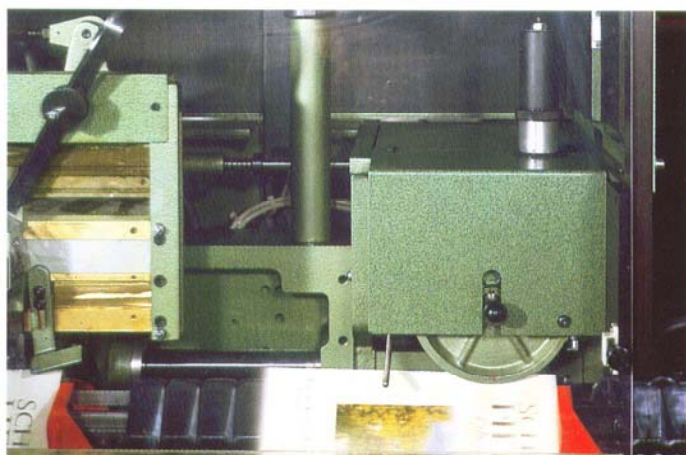
- low-silhouette design, with feeder tables only 1.1 m (43") above floor level
 - no platforms needed for loading
 - large jogging tables
 - high-capacity hopper
 - easy loading
 - sound absorbing covers
 - electrically interlocked plexiglas covers for easy supervision
 - misfeed light and start/stop buttons on each feeder
- Convenient loading height is a key consideration for an efficient operation.



Dependable Production

- efficient separation of sections in the hopper
- positive control of sections from feeding table to gathering chain
- suction and gripper opening
- depending on the type of fold, only grippers, vacuum, or a combination of the two may be used
- individual 2:1 operation mode can be selected for hard-to-run sections

Efficient feeding and transfer principle results in positive control of sections and consistent production.



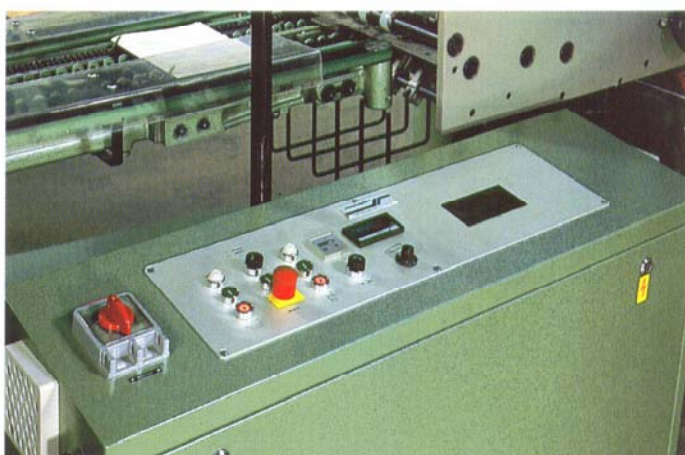
The Reliable Plus/Minus Caliper

- monitors each book as it enters the stitching unit
- incomplete copies or doubles are automatically ejected into the reject tray, unstitched, and without stopping the machine
- gathering chain can be lowered in the stitching zone to handle thick products efficiently

Optional Quality Controls:

- Oblique sheet monitor
- Electromechanical plus/minus control
- trim monitor (3-Knife Trimmer 890)

Quality control devices which match the speed and production capabilities of the machine assure consistent product quality, fewer machine stops and higher net output.



Central Control Console

- machine is operated from a single point
 - convenient operator panel
 - push button controls with indicator lights
 - digital speed display
- Simple and logically arranged for easier supervision by the machine operator.

Designed for maximum operating convenience



Built-in Features

- electrically interlocked, hinged protective covers with see-through panels
- sound absorbing padding for quiet operation
- all drives completely enclosed
- stop button on each feeder
- overload clutch in the stitching unit

These are important features of a high-speed line to protect both the machine and the operating crew. They have been given top priority and are BGS approved.



Step-by-step Expansion

- modular design
- universal base modules
- interchangeable feeder heads (section feeders, card gluers, folder feeders)
- feeders can be added easily to an existing machine

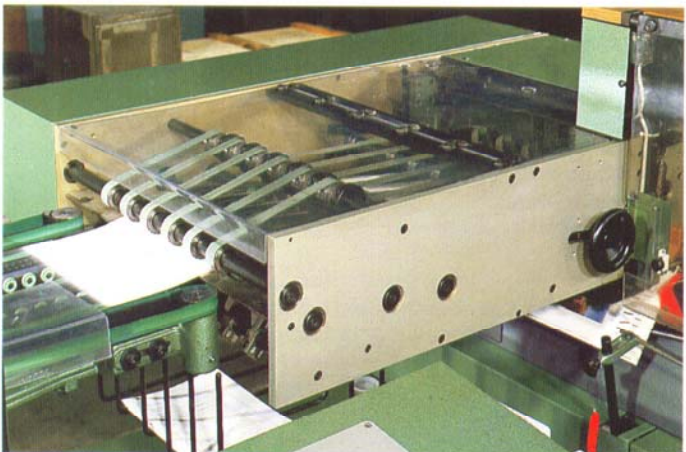
The unique concept of standardized, universal base modules and feeder heads guarantees the user maximum flexibility at all times.



Heavy-duty Stitching Unit

- flying stitching heads (patented)
- smooth, uninterrupted movement of the gathered sections
- heavy-duty stitching unit for precise stitching
- wide range of stitch spacing
- simple thickness adjustment
- regular or loop stitching heads, can also be used in combination
- electrically interlocked covers

Precise stitching of thin and thick products alike – at the highest speeds – is a key advantage of the MÜLLER MARTINI stitching unit.

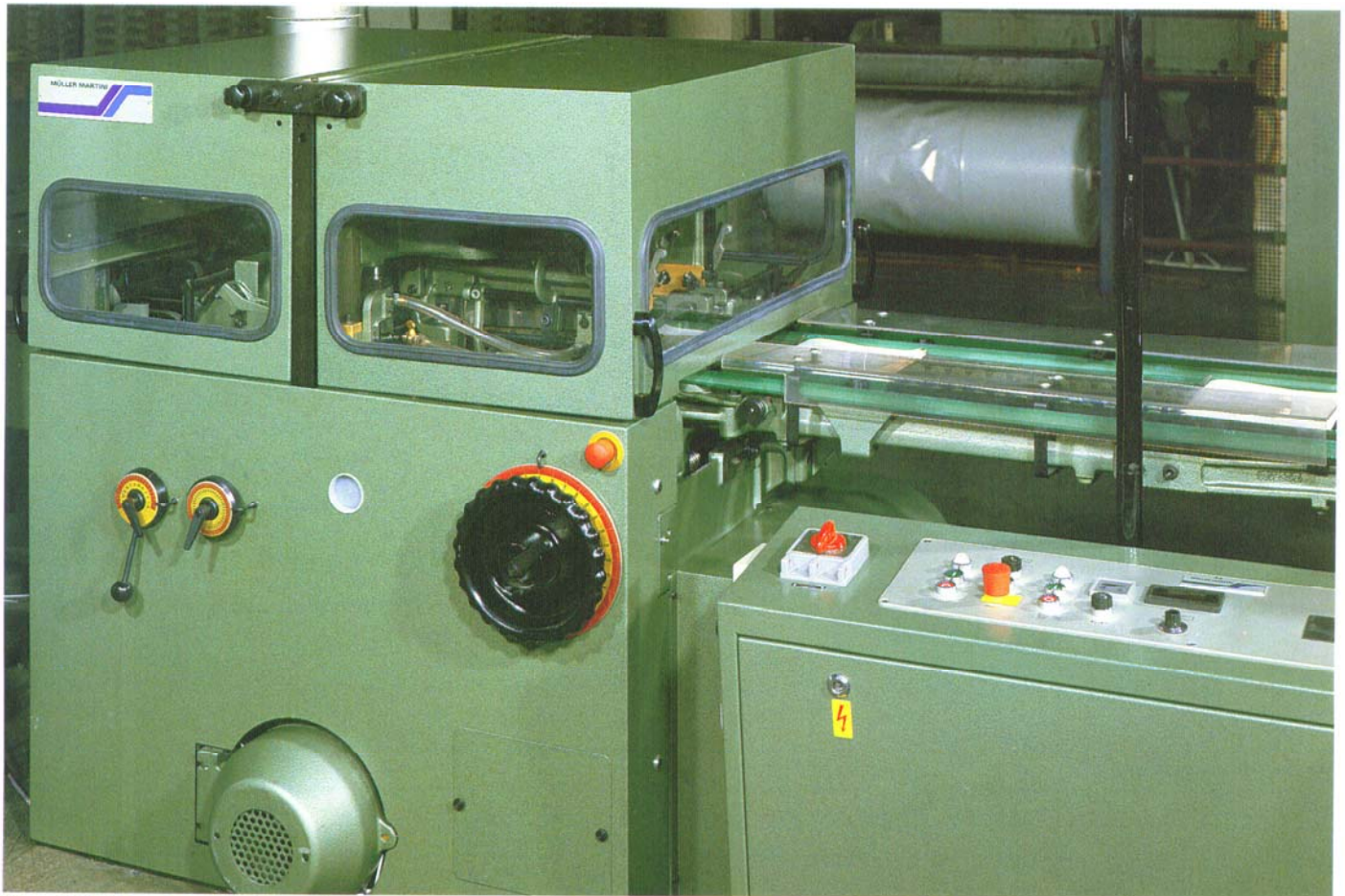


Positive Delivery

- synchronized top and bottom belts
- angular roller transfer section
- independently driven bottom and side belts for conveying the products to the 3-knife trimmer

Gentle processing of the product is guaranteed with the Saddle Stitcher 335, for all types of work, from inexpensive throw-away leaflets to high-class, full color brochures.

Accurate trimming



The 3-knife trimmer is an important component of an efficient production line. Saddle stitcher and 3-knife trimmer should be carefully matched to assure consistent output and product quality.

Outstanding features:

Single-piece machine frame casting

Ensures accurate trimming at highest speeds, long knife life and quiet operation.

Long infeed section

Copies are accurately aligned by driven bottom and lateral belts.

Timed transfer belts/heavy-duty clamps

Accurate and square trimming, regardless of product thickness.

Trimming while product is stationary

For superior trim accuracy.

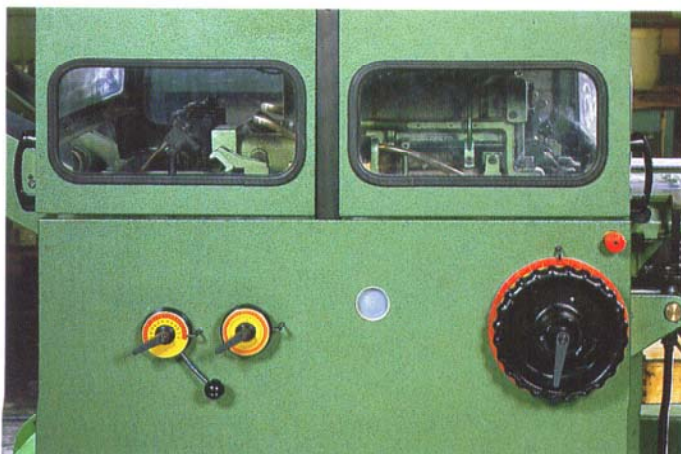
Quick Size Changes

- makeready on scale-adjustable handwheels
- wide size range (trimmed)
 - from 148 × 75 mm (5-¾" × 3")
 - to 470 × 300 mm (18-½" × 11-¾")

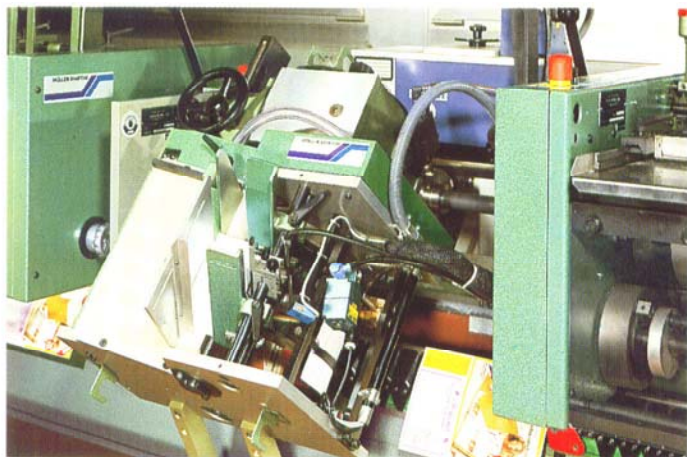
Quick and simple size changeover reduces downtime between jobs.

Large protective hoods

See-through panels for easy supervision, and sound absorbing padding. Speed, quality, operating convenience and long service life are assured by the 3-Knife Trimmer, Model 890.



Expansion for maximum versatility



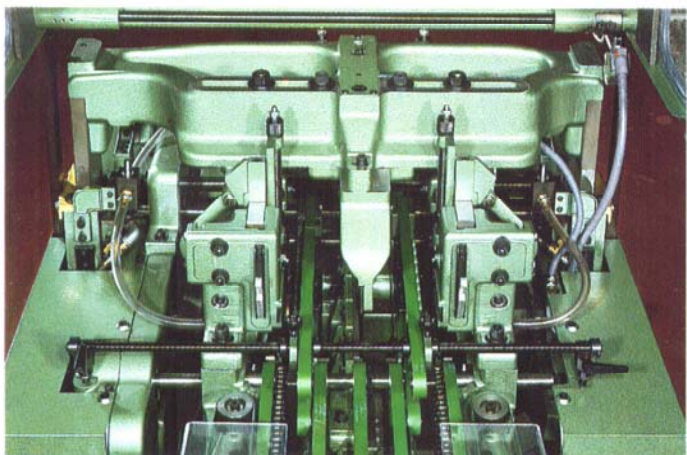
Versatile Card Gluer

- for reply cards and merchandise samples
 - only the hopper needs to be changed to process samples
 - can tip booklets with spine parallel to spine of book as an option
 - fits into any feeding position along the chain
 - plug-in connections for quick installation and removal
 - choice of gluing units
 - automatic control of glue line length at all speeds
 - large capacity hopper
 - automatically controlled glue nozzle
 - premelter with heated connection tube to glue nozzle
- The Card Gluer 315 is ideal for on-line tipping of promotional advertising material used for sampling, and pays for itself in a very short time.



Efficient Folder Feeders

- easy-to-load large capacity hopper
 - quick, wrenchless size changes
 - scoring depth and fold alignment set by handwheels with scales
 - squeeze roller for high quality fold
 - selector switch for 1:1/1:2 production modes, or zero position for idling
 - misfeed light and stop button for easy supervision
- The folder feeder eliminates a labor intensive extra production step. Easy access and quick size changeover simplify the operation.

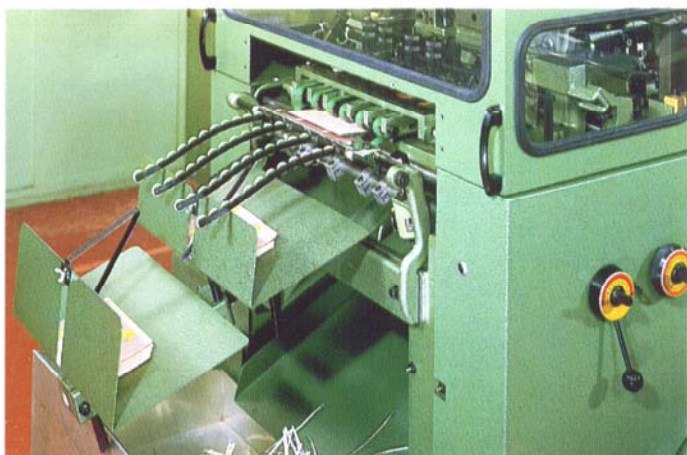


Versatile 3-Knife Trimmer

Optional accessories:

- 4th and 5th knife
- attachment for 3-up trimming
- hole punch

All accessories are compact and can be added by the operator at any time.



Dual Pocket Delivery

- easy product removal
- automatic switchover from one hopper to the other, controlled by electronic preselection counter
- Belt Delivery 225 optional
- in-line inserting machine or PrintStack CS-14 Stacker can be added at any time

The dual pocket delivery is especially useful when stitched products are not to be processed through in-line packaging machines.

In-line Finishing



In-line Inserting Machine

- can be connected directly to 3-Knife Trimmer 890
- dependable operating principle
- low-silhouette feeders for convenient loading
- single or tandem feeders
- suction and sword opening standard
- automatic reject for incomplete copies
- warning lights on each feeder
- modular design allows expansion

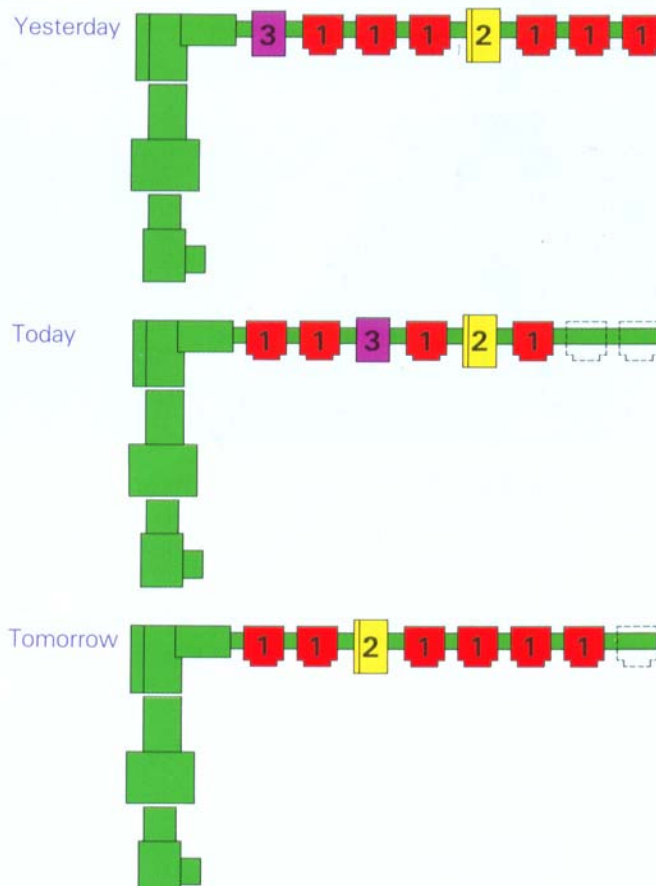
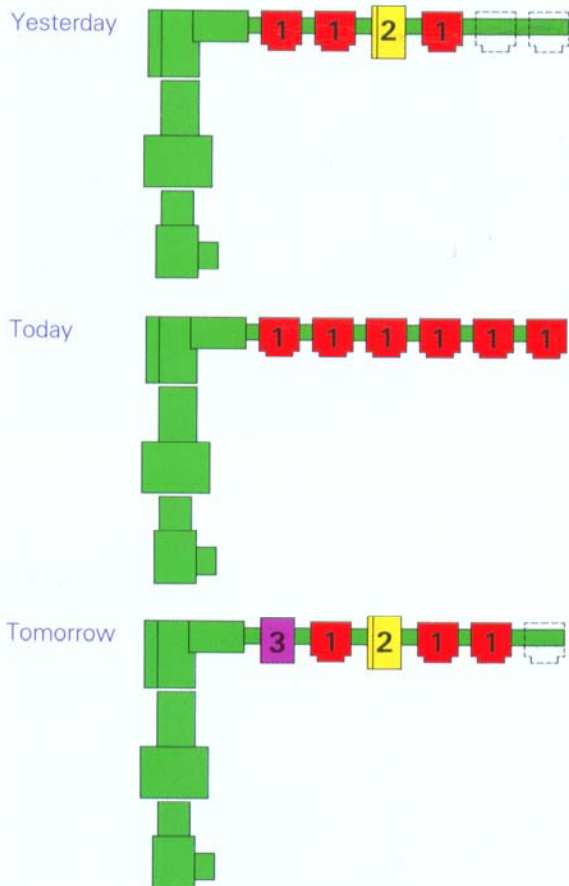
The Inserting Machine 227 allows you to fulfill a wide range of customer needs and add value to your products.



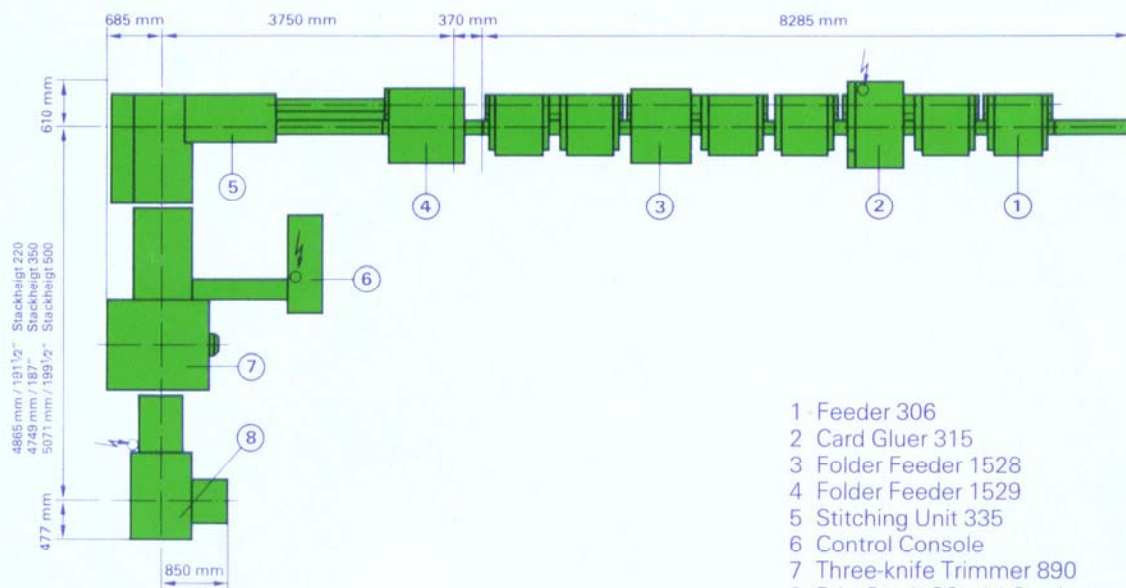
The Efficient PrintStack CS-14

- labor saving and convenient
- large product size range
- positive infeed
- reliable separating and counting system
- configured for delivery to left or right
- size changeover without tools
- all machine functions are automatically monitored by a microprocessor
- central control panel
- locking casters allow the stacker to be used on several lines
- 2-up production (optional)

The PrintStack CS-14 and Inserting Machine 227 allow you to process all size runs efficiently and smoothly.



Saddle Stitcher 335



- 1 - Feeder 306
- 2 Card Gluer 315
- 3 Folder Feeder 1528
- 4 Folder Feeder 1529
- 5 Stitching Unit 335
- 6 Control Console
- 7 Three-knife Trimmer 890
- 8 PrintStack CS-14 Stacker

Specifications

Equipment	Feeder 306		
	Saddle Stitcher 335		
	Three-Knife Trimmer 890		
Maximum mechanical speed	12,000 cph		
Sizes: untrimmed (high folio)	max. 480 × 320 mm	18 1/8" × 12 9/16"	
untrimmed (no lap)	max. 400 × 290 mm	15 3/4" × 11 7/16"	
untrimmed (with accessories)	min. 105 × 80 mm	4 1/8" × 3 1/8"	
trimmed (high folio)	max. 470 × 300 mm	18 1/2" × 11 13/16"	
trimmed	min. 148 × 75 mm	5 13/16" × 2 15/16"	
trimmed (with accessories)	min. 98 × 75 mm	3 7/8" × 2 15/16"	
4th and 5th knife	max. 2 × 235 × 300 mm	2 × 9 1/4" × 11 13/16"	
w/o accessories	min. 2 × 148 × 75 mm	2 × 5 13/16" × 2 15/16"	
with accessories	min. 2 × 100 × 75 mm	2 × 3 15/16" × 2 15/16"	
Number of stitching heads (HK-55, HK-75, HK-75V, 249)	max. 6		
Stitching capacity	HK-55	max. 3 mm 1/8"	
	HK-75, HK-75V	max. 5 mm 3/16"	
	Loop heads 249	max. 3 mm 1/8"	
Power consumption (drive systems)	with max. 10 feeders	7.4 kW	
	with max. 14 feeders	11 kW	
Air consumption	Feeder 306	15 Nm ³ /hr, 60% vacuum	9 cfm
	Feeder 306	15 Nm ³ /hr 0.6 bar Air	9 cfm, 9 psi
	Trimmer 890	25 Nm ³ /hr 0.6 bar	15 cfm, 9 psi
Other sizes on request	Design specifications and measurements subject to change		

Sales and Service:

MÜLLER MARTINI Corp.
40 Rabro Drive, P.O. Box 3360, Hauppauge, N.Y. 11787
Phone 516 582-4343, Telex 144-696
Telefax 516 348 1961