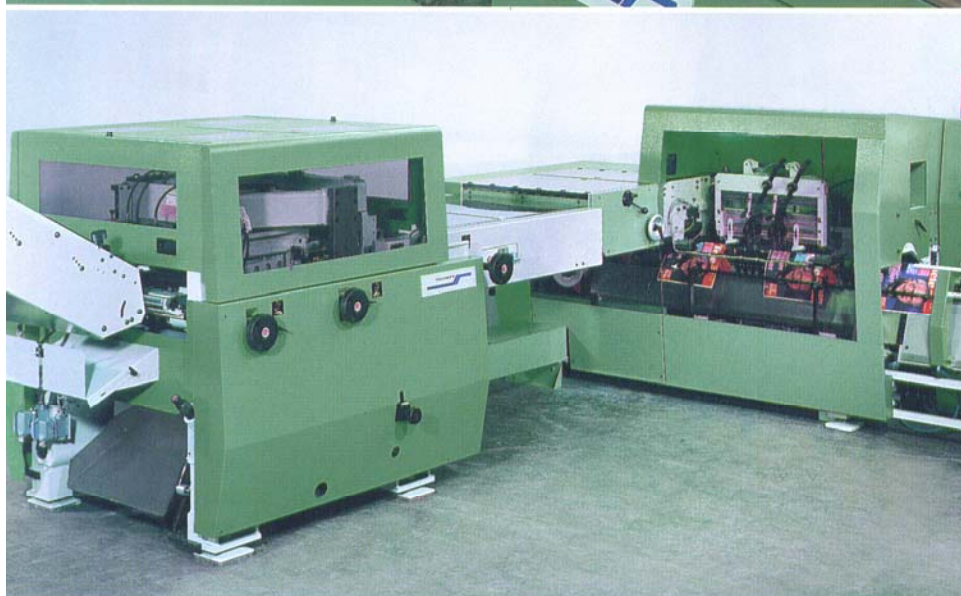
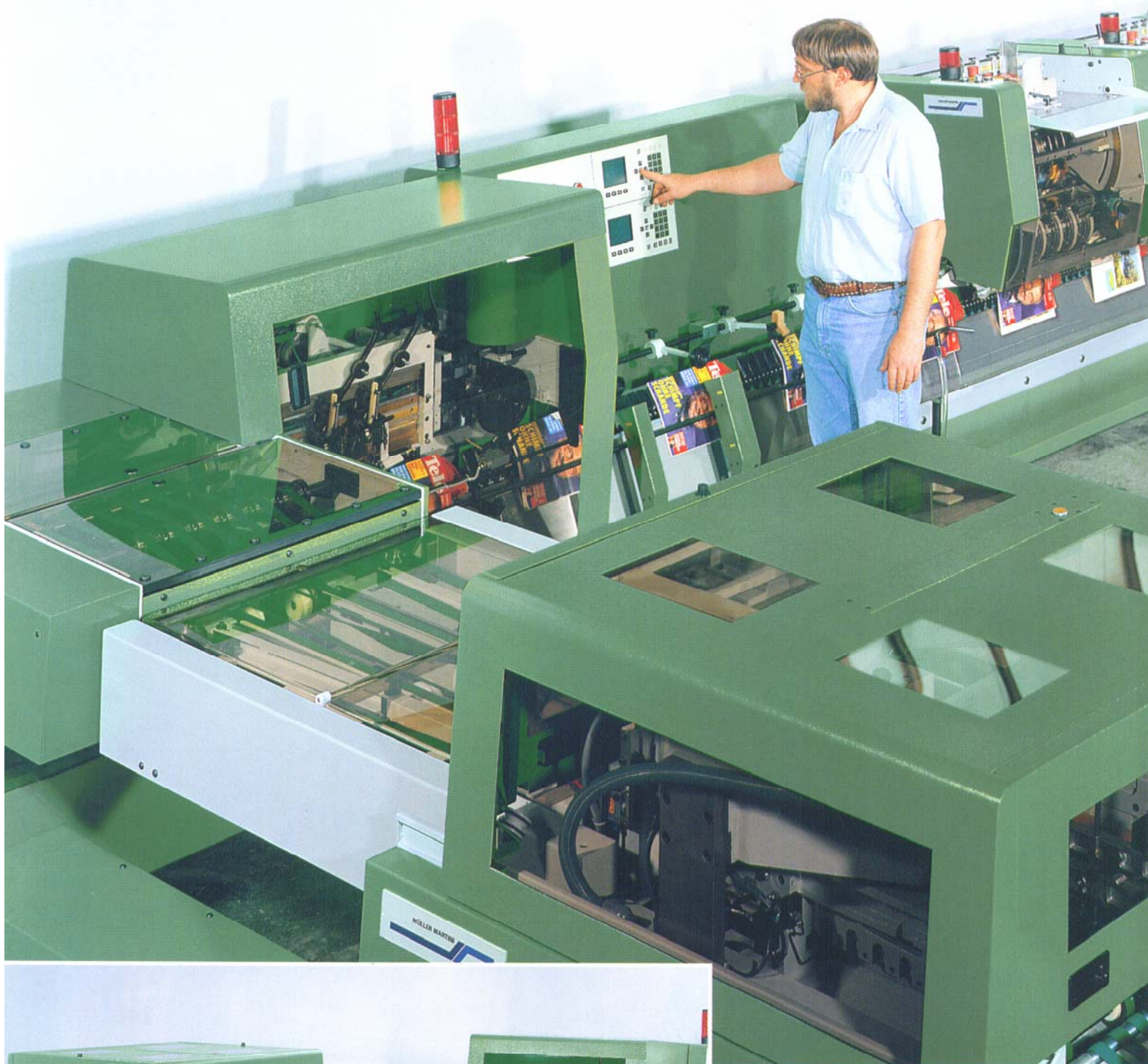


**The Prima Saddle Stitcher –
fast makeready and high output for maximum
production flexibility**



**The MÜLLER MARTINI Prima
Saddle Stitcher fulfills a
wide range of customer
requirements**

- quickly
- with superior quality
- on time.

*These are valuable
advantages in a competitive
environment.*



ideal for binderies producing a wide variety of work, where quick makeready is crucial

To be successful in today's highly competitive environment, you need state-of-the-art finishing machines that give you high net output. They must have quick makeready and changeover, a flexible configuration, and reliable quality controls so that you can adapt to special customer requirements easily.

The outstanding benefits of the MÜLLER MARTINI Prima Saddle Stitcher:

- 1. 50% shorter makeready**
– to run more jobs per shift
- 2. Reliable double-gripper feeding**
– for outstanding productivity
- 3. Large size range**
– to handle a wide variety of work
- 4. Versatile expansion options**
– to meet the most demanding customer requirements with a single in-line operation
- 5. High finishing quality**
– built-in quality controls and reject for incomplete copies
- 6. MÜLLER MARTINI is also a dependable partner after the sale**
– the worldwide support network assures quick response to your needs

Benefits for the machine operator:

- 1. New PLC control system**
– central control console with display
- 2. Easily interchangeable, movable feeder heads**
– card and cover folder feeders, card gluers and signature feeders can be exchanged in minutes
- 3. Trimmer options**
– 4th and 5th knife and punching devices install in minutes
- 4. Flexible expansion**
– addressing systems (for labels or ink jet), selective binding and inserting machines
- 5. Safety and noise protection**
– electrically interlocked sliding doors on stitching unit and trimmer
- 6. Minimal maintenance**
– new technology, wear-free materials and automatic lubrication system

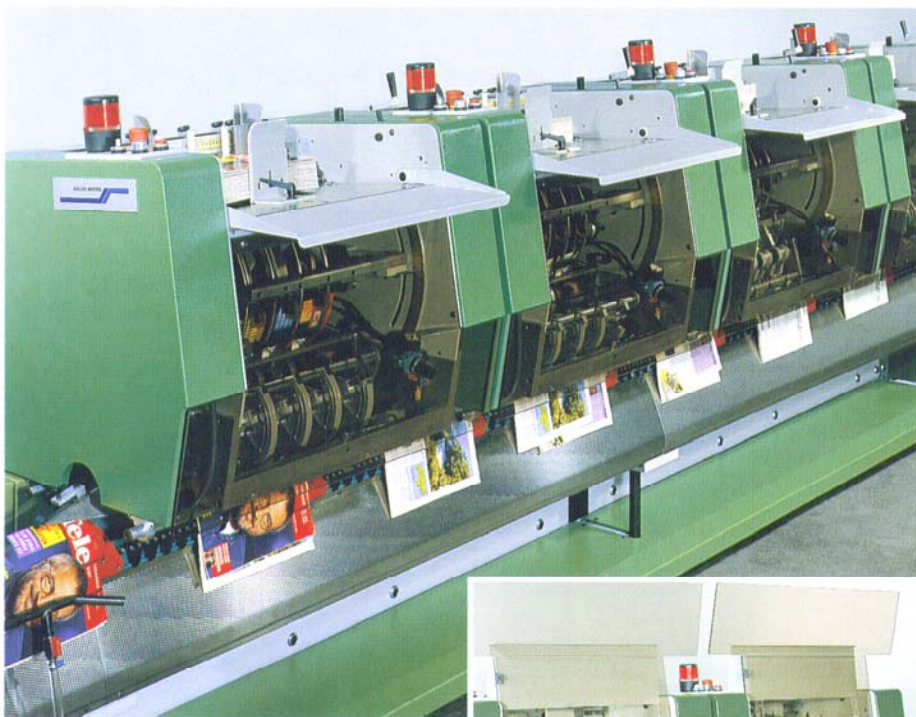
Some of Prima's most important design features:



Universal Base

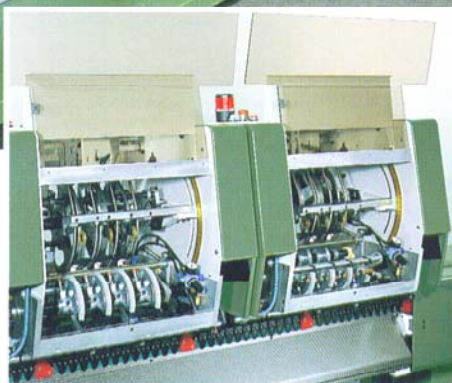
- fast installation of the entire line
- base modules are mounted on height-adjustable rubber supports to assure vibration-free running
- no need for floor bolting
- built-in supply lines with quick-release connectors for low-pressure air, vacuum, compressed air and central lubrication
- plug-in electrical connections
- low noise level
- standard base module accommodates 1 or 2 signature feeders, a folder feeder or a card gluer

Short installation time for the entire line and easily interchangeable, movable feeder heads make this your most valuable investment in the bindery.



Feeder versatility

- manual loading from either side
- loading by streamfeeder from the rear (optional)
- double gripper system with excellent visibility of gripping point for easy, on-the-fly size adjustments
- automatic, self-adjusting gripper system for sections with 4 to 96 pages
- double gripper system cuts feeding speed in half and ensures reliable separation
- gripper or suction opening, adjustable on the fly by handwheel with setting gauge
- combination of gripper and suction opening for all types of folded sections
- air-assisted, positive control of signatures from the feeder table to the gathering chain
- 1:1 / 2:1 operating modes with sequential activation and deactivation of feeders
- quick-release couplings for all air and electrical connections
- control console with indicator light for all functions



A choice of loading systems, fast size changes and easy interchangeability of movable feeder heads will give you the competitive advantage with all types of jobs.



Stitching Unit

- display for central supervision and operation
- double gathering chain with 21" pin spacing
- reliable thickness measurement by ridge caliper (standard) or side caliper (optional)
- heavy-duty stitcher carriage for up to 6 flying stitching heads, standard and/or loop stitching
- PLC controller inhibits stitching of incomplete copies, which are ejected into the reject tray
- choice of delivery to front or rear
- sliding doors with large windows and built-in lighting



*Precise and tight stitching –
the hallmark of MÜLLER
MARTINI quality.*



PLC Programmable Control System

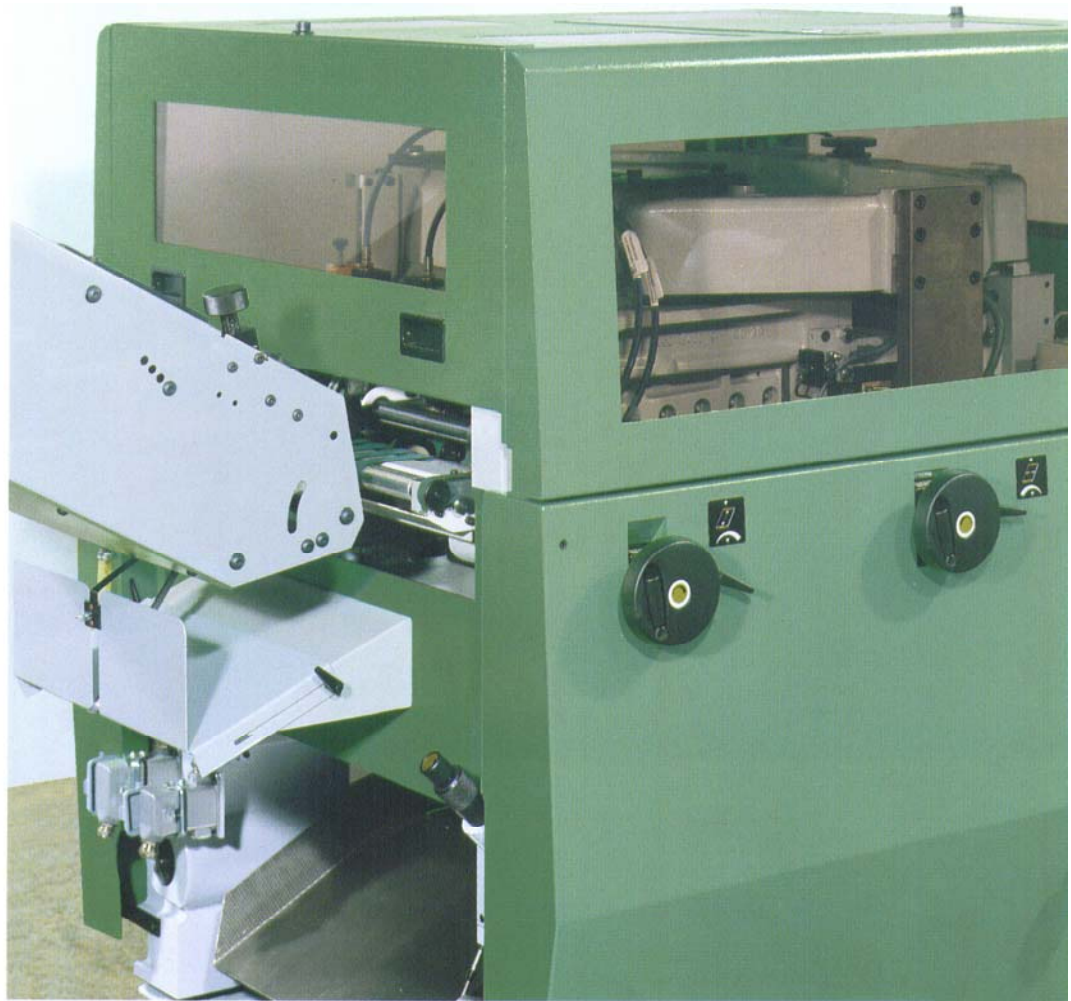
- central control for monitoring of the entire line
- central console for setting:
 - oblique sheet monitor and long book detector
 - thickness control
 - stitch control
 - SEMKO electro-mechanical side caliper (optional)
- and for
 - testing of machine functions
 - sequential activation and deactivation of the feeders
 - production data recording and print-out of reports (optional)
- data display of
 - running speed
 - machine cycles and net production
 - error messages (machine stops automatically if an abnormal operating condition is detected)

*The PLC controller with
central console and data display
ensures that you have complete
control at all times.*

Three-knife Trimmer 360

- cutting sequence: face trim, then head/foot trim with optional 4th and 5th knife
- gentle handling of products: top belts lift off in parallel to prevent marking
- heavy-duty front pressing: precise trim even with varying product thickness; suitable for selective binding
- outstanding trim accuracy: front stops ensure accurate alignment of copies as they enter the trimmer
- infeed shaft can be laterally adjusted independent of head/foot trim: width of trim adjustable on the fly
- long knife life: heavy-duty knife guides for precise trimming and for use with steel or carbide knives
- 50 mm (2") trim allowance standard on all 3 sides
- built-in trim monitor suitable for both 1-up and 2-up production
- 4th and 5th knife: can be installed and adjusted in less than 15 minutes
- lateral adjustment of the entire knife unit (head/foot trim): considerably reduces makeready time when using knives of different widths
- choice of hole punching devices for in-line operation

The heavy-duty cast base; the directly supported knife units, 4th and 5th knife attachment and hole punch, with electrically-interlocked covers ensure short makeready and superior trim quality.



The Prima Saddle Stitcher offers you more

Versatility, fast response to changing customer requirements, and options that help you meet the challenges of tomorrow are available today on the Prima.



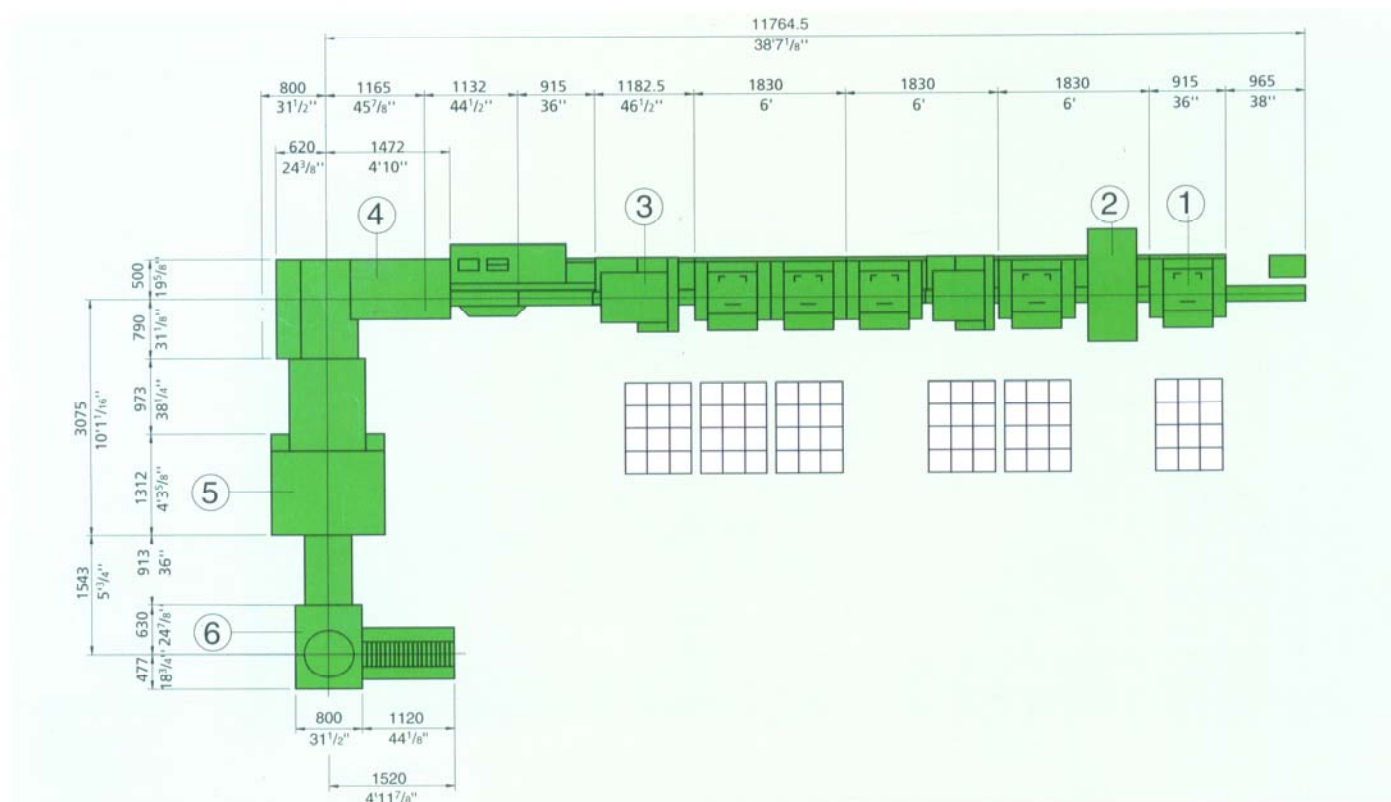
Feeders

- standard flat pile feeder for loading from either side
- standard feeder for loading by streamfeeder
- cover folder feeder
- card folder feeder (as illustrated)
- card gluer
- card blower

In-line capabilities

- Belt Delivery 225
- PrintStack CS-14 (as illustrated)
- Addressing by label or ink jet
- Selective binding
- Inserting machine

The Prima Saddle Stitcher – a versatile, state-of-the-art machine to meet today's job demands and tomorrow's challenges!



Specifications

Mechanical Speed	max. 13'000 cycles/h
Sizes untrimmed	max. 480 x 320 mm 18 7/8 x 12 5/8"
	min. 153 x 108 mm 6" x 4 1/4"
Sizes trimmed	max. 475 x 300 mm 18 5/8 x 11 7/8"
	min. 148 x 105 mm / 110 x 75 mm
	5 7/8 x 4 1/8" / 4 3/8 x 3"
Product thickness	max. 13 mm 3/8"
Signature opening system	High-, Low folio lap and suction opening integrated as standard
Number of stitching heads	max. 6

Other sizes on request.

Design, specifications and measurements subject to change.

Index

- 1 Feeder 370
- 2 Card Gluer 315
- 3 Folder Feeder 1529
- 4 Saddle Stitcher Prima 390
- 5 Three-knife Trimmer 360
- 6 PrintStack CS-14