



**The Prima SB Saddle Stitcher.
Meeting tomorrow's challenges — today.
With proven Prima stitching technology for
inkjet addressing, mailing and selective binding.**

MULLER MARTINI



The Muller Martini Prima SB Saddle Stitching System is ideal for efficient, high speed addressing, mailing and selective binding of magazines and catalogs.

Selective binding enables you to tailor finished products to the end user by selectively feeding signatures geographically or demographically. Inside/outside inkjet capability allows order blanks to be addressed or special messages to be printed in-line at full bindery line speed. The inkjet system is interfaced with a compensating counter stacker to deliver stacks according to a presort list, either by ZIP code or carrier route. **The Prima SB offers selective binding and inkjet addressing at speeds to 13,000 c/h.**

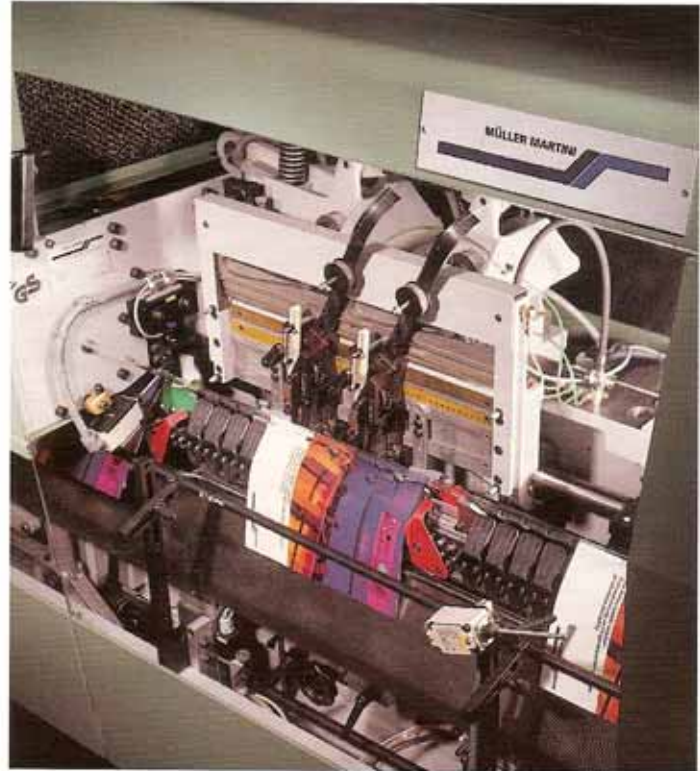
The Prima SB Saddle stitcher has the capability for:

- Personalization on the inside and on the cover
- Selectively bound products based on specific reader and subscriber data
- Personalizing of stitched inserts and order cards
- Selective variation of covers
- Selective inserting of one or more loose inserts
- Imprinting of logos and personal messages
- Sorting and stacking by zip code or route



Stitching Unit

- Flying stitching heads
- Wide, heavy-duty stitching head face plate for up to six standard, loop or narrow stitching heads
- Pin spacing of 21”
- Automatic central lubrication system for the entire stitching line
- Three-knife trimmer can be placed to front or rear of stitching unit
- Large see-through sliding door and built-in lighting



Model 360 Three-knife Trimmer

- Accommodates large page swings experienced with selective binding
- ½” maximum trim thickness
- Outstanding single-book trimming at maximum speed
- Center cut 4th & 5th knife and 3-hole punch available as options
- Top belts lift off in parallel to prevent marking
- On-the-fly lateral adjustment of product infeed
- Optional built-in trim monitor with automatic divert gate for waste copies



Choice of feeders

The Prima SB can be ordered in configurations for feeding up to 14 signatures or, optionally, up to 24 signatures. The Model 370 Feeder is available as a vertical pile feeder (370V) or as a horizontal flat pile feeder (370H). Both versions include:

- Double gripper drum reduces feeding speed in half for more positive feeding and reliable opening of signatures
- Electro-pneumatically controlled sucker bar lock-out for selective feeding
- Gripper opening for high or low folio signatures and suction opening for products with no lap
- Automatic, self-adjusting grippers for sections with 4 to 96 pages
- Grippers can handle very light sections
- On-the-fly adjustments
- Manual loading from either side



Automated loading options

- Vertical pile feeders can be equipped with low-cost bundle loader extensions for continuous feeding.
- Flat pile feeders can be automatically fed by PrintRoll or equipped with stream feeders for bundle loading. PrintRoll eliminates all manual handling and provides an uninterrupted flow of signatures to the feeder for maximum output.

Folder feeders for covers and signatures or cards can be added to eliminate off line folding. Precise scoring, squeeze rollers and an adjustable table to compensate for covers that have been printed off-square assure greatest production quality. As part of Muller Martini's building block system, the folder feeder is interchangeable with standard signature feeders and can be moved to any position along the stitching line.

- Full bindery line speed
- Standard and reverse scoring
- Highest folding accuracy — sharp, precise, clean fold
- Folding pressure adjustable on-the-fly

Gluer Model 315 can be used to add value to your product by affixing Post-it® Notes, CD ROM's, merchandise samples as well as other advertising materials for one-to-one marketing. Blow-in card feeders can also be added.

Operator Display

- Downstream copy control, including sequential start-up and run-out of feeders
- Make-ready assist with repositioning
- Display of machine status
- Initialization and activation of control functions
- Display of faults and error messages
- Multilingual capability

Quality Controls are fully integrated into the network to reject faulty copies

- Semko/ASAC Side Caliper with full demographic capability when used with a serially connected controller
- Oblique Sheet Monitor
- Stitch Monitor
- Trim Monitor (optional)



Prima SB operator control with full PLC interface with display, fault readout, speed readout, and make-ready assist.

FCS1000M Selective Binding Controller

- Production scheduling, job set-up, and finishing line set-up
- Monitor and control of pocket feeding
- Stacker sortation
- Auxiliary device control
- Recall and re-order of product
- Set-up and control of inkjet printers
- PC-based hardware
- Windows NT Operating System
- Ability to be networked
- Flexible printer interface and control



Mailing Capability

- Inside/Outside inkjet addressing (plow) station
- Mailing base for addressing

An optional turnover belt allows magazines, which are addressed on the front, and catalogs, which are usually addressed on the back, to be produced conveniently on the same stitching line.





Rapido Compensating Counter Stacker

- Operates at full bindery line speed
- Large size range; sets up in under five minutes
- Reliable counting and separating system and programmable logic control
- Delivery is programmable to the left or right
- Short cycle time due to independent operation of turntable and double-pusher
- Central operator panel with error message display/pneumatic turntable flap opening
- Interface capability for master control systems for mailing applications
- Close-coupling to a strapping machine



This brochure may show components which are not standard equipment and are available as options only. In some cases, protective covers have been removed or opened for illustrative purposes. They must be in place during machine operation. For specifications, refer to separate data sheet.

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