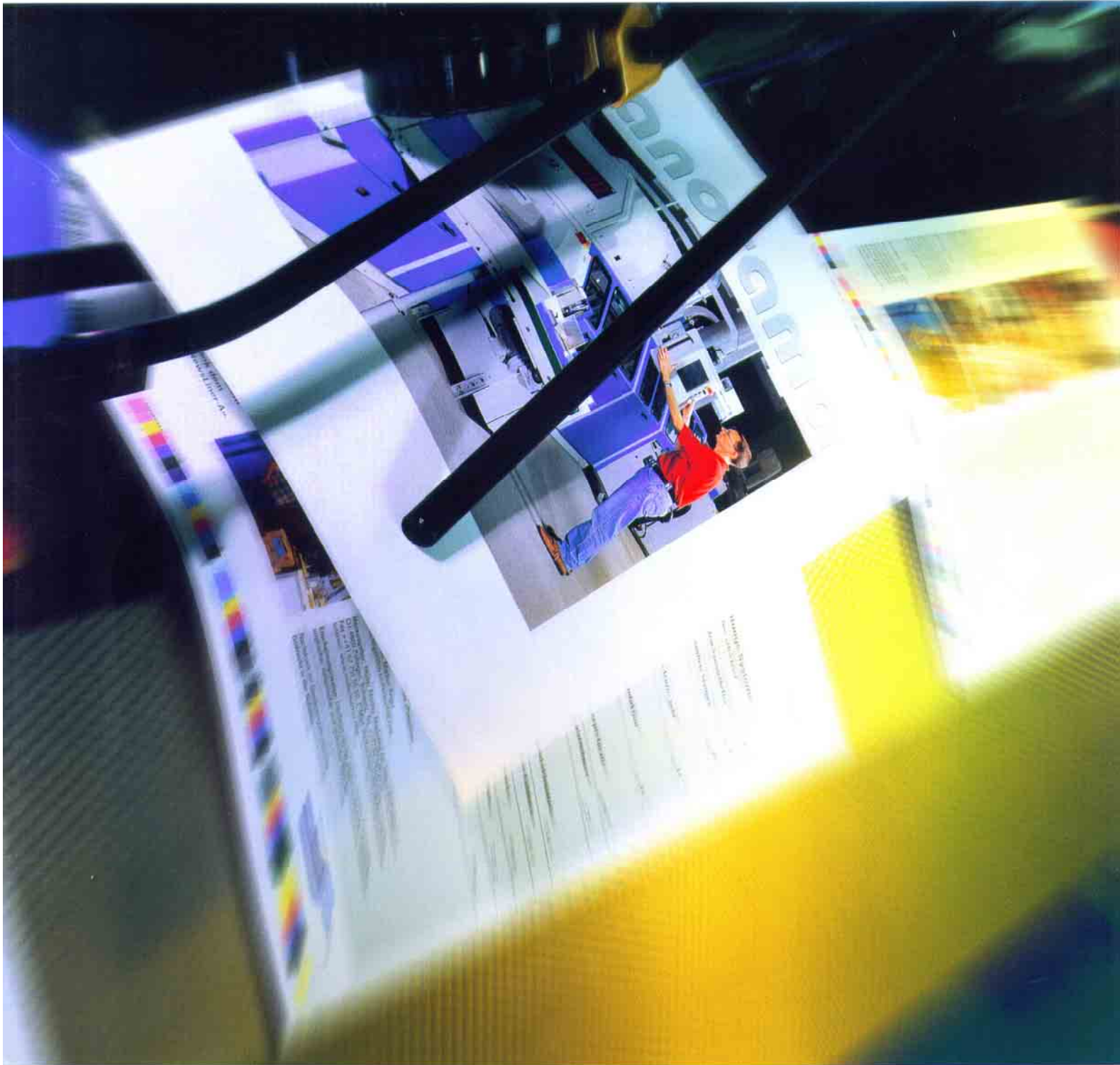


Valore Saddle Stitcher

For a cost-effective start
in automated print finishing



The perfect start in automated print finishing

The 6,000 cycles per hour Valore is the ideal saddle stitcher for small printers who are planning to get into saddle stitching as well as binderies with small to medium run lengths. As the market leader in print finishing, Muller Martini offers a complete, cost-effective and professional system consisting of feeders, stitching unit and in-line three-knife trimmer.

This system can be a profit-making solution in the value-added chain right from the start, thanks to its high level of reliability, the quality of products it produces and the excellent support by Muller Martini specialists.

The Valore Saddle Stitcher offers outstanding competitive advantages:

- ▶ Fast, accurate make-ready
- ▶ Consistent, reliable operation
- ▶ Speeds up to 6,000 cycles/hour
- ▶ Large product size range
- ▶ Expansion to a max. of 6 twin feeders
- ▶ Sturdy construction
- ▶ Small footprint



Low investment and profitable operation



Compact and expandable

The Valore Saddle Stitcher is designed as a complete system. Up to six twin feeders or five twin feeders and one folder feeder can be integrated. A hand-feed station is available as an option. The Valore is of heavy-duty construction which ensures vibration-free running.

Aside from periodic lubrication which can be performed very easily by the machine operator, the Valore requires no special maintenance.

The compact 1559 Twin Feeder

The twin feeders have large-capacity flat pile hoppers. Signatures with low or high folio laps and in a wide range of formats, are gently opened by grippers. Vacuum opening is provided for signatures with no lap. A compressed air supply is integrated and the vacuum is adjustable separately on each feeder. Settings can be adjusted without tools.

1528 Folder Feeder

The 1528 folder feeder scores and folds covers in a single, inline operation. It has inside and outside scoring capability.

All settings can be adjusted externally while the machine is running. In addition, a double-feed control ensures flawless product quality.



Tilt-back feeder heads (optional)

Tilt-back capability of the feeder heads allows manual feeding of odd-size and special die-cut signatures or gimmicks.

Precise stitching for maximum reliability



Standard, loop and specialized stitching methods

Muller Martini stitching heads are well known for precise stitching, even under the most strenuous conditions of high-speed and multi-shift operation.

There is a choice of stitching heads, to select different stitch types and staple lengths.

Quality assurance

Thickness control by ridge caliper guarantees that only complete copies are stitched and trimmed. Automatic thickness measurement by Asac (Automatic self-adjusting caliper) automatically adjusts tolerances to continually update reference values and ensures that paper stock variations are taken into account. Incomplete copies are ejected unstitched before entering the three-knife trimmer.

Stitching unit

Up to six Muller Martini flying stitching heads can be mounted on the stitching unit to stitch products gently and without stop-and-go movement. This is a unique advantage in this performance class.

These stitching heads which were originally developed for our high-speed stitchers guarantee perfect staple quality with minimum maintenance and are easily accessible.

Easy to set up

The machine is easily accessible from all sides and simple to operate. Large viewing windows allow excellent overview of the process and quick intervention during production.

The clearly laid out control system allows automatic positioning during set-up.



Lego stitching

This special kind of stitching has been developed to protect children's delicate hands. It is primarily used for the production of toy catalogs.

Precise trimming and a choice of deliveries



Model 1522 Three-knife Trimmer

The three-knife trimmer is quick and easy to set up, using handwheels with digital displays and central book thickness adjustment. Products are trimmed precisely and reliably right from the start-up.

Small-size kit, 4th and 5th knife attachment for punch and split cut, as well as single or multiple hole punching accessories are available as options.

Deliveries

Three versions are available. The gathered, stitched and trimmed products are either counted and gathered in two trays, delivered in a shingle stream on a conveyor belt, or stacked by a compensating stacker.

The belt delivery delivers shingle batches of preset count, and gaps are created by automatic adjustment of the belt speed.

Apollo Compensating Stacker

This labor-saving delivery automates stack building, and can be operated from a central point.



Three-knife trimmer



Belt delivery



Apollo compensating stacker

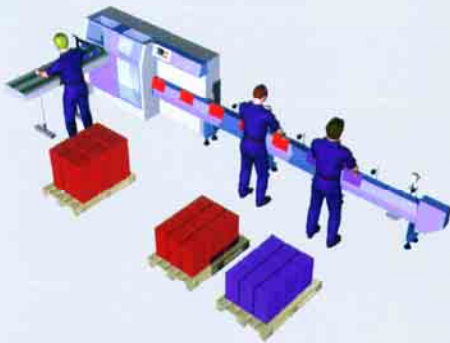


Central product thickness adjustment



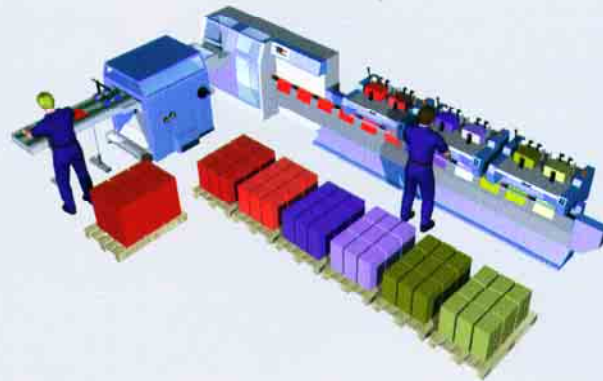
Dual-pocket delivery

The Valore offers the flexibility to grow with your needs



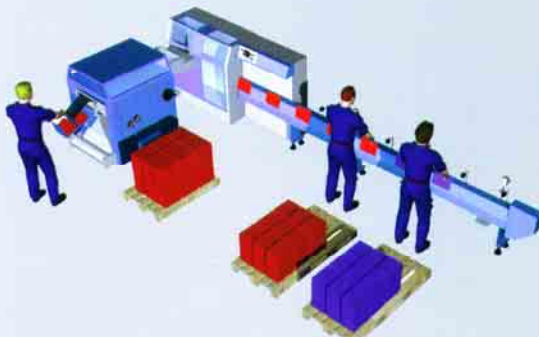
With

- ▶ Hand-feed stations
- ▶ Stitching unit
- ▶ Belt delivery



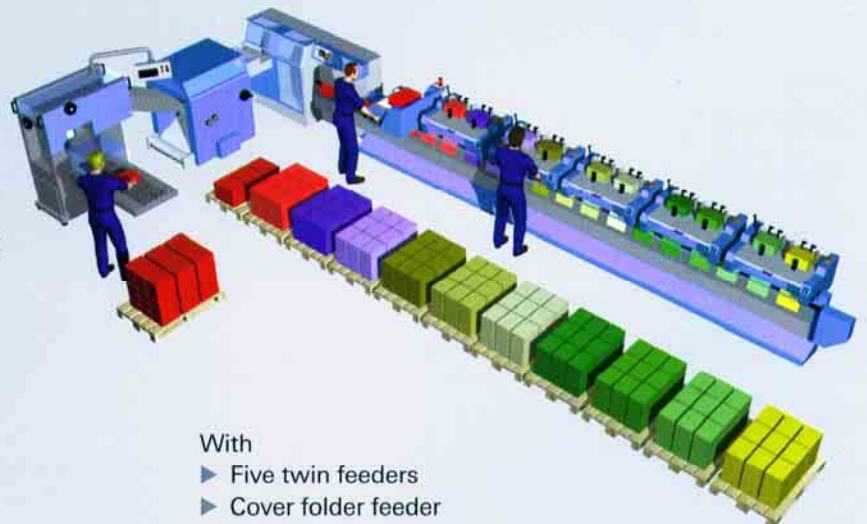
With

- ▶ Three twin feeders
- ▶ Stitching unit
- ▶ Three-knife trimmer
- ▶ Belt delivery



With

- ▶ Hand-feed stations
- ▶ Stitching unit
- ▶ Three-knife trimmer
- ▶ Dual-pocket delivery

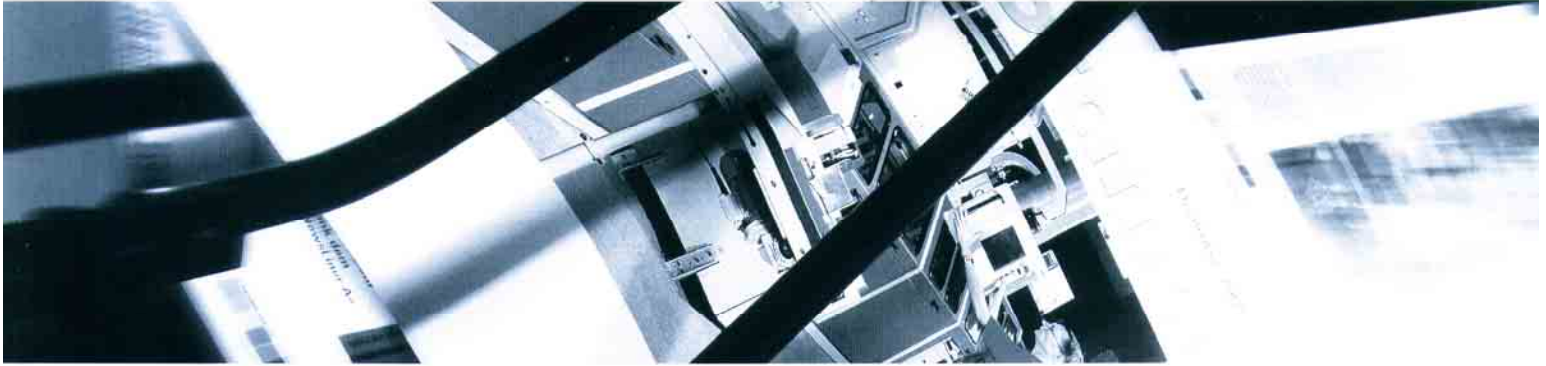


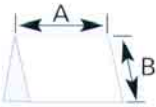
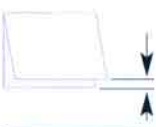
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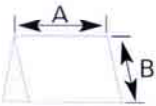
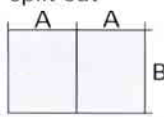
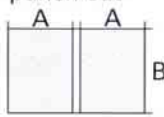
- ▶ Five twin feeders
- ▶ Cover folder feeder
- ▶ Stitching unit
- ▶ Three-knife trimmer
- ▶ Compensating stacker

Valore Saddle Stitcher

Specifications



Mechanical speed	17" chain pitch	max. 6000 cycles per hour		
Number of twin feeders		max. 6		
Product sizes, untrimmed		mm and (=inches)	A	B
	high folio lap	max.	365 (14 ³ / ₈ "	305 (12")
		min.	105 (4 ¹ / ₈ "	105 (4 ¹ / ₈ "
	with accessories		80 (3 ¹ / ₈ "	80 (3 ¹ / ₈ "
	low folio lap	max.	365 (14 ³ / ₈ "	305 (12")
		min.	105 (4 ¹ / ₈ "	105 (4 ¹ / ₈ "
	with accessories		80 (3 ¹ / ₈ "	80 (3 ¹ / ₈ "
	without lap (vacuum opening)	max.	350 (13 ³ / ₄ "	290 (11 ³ / ₈ "
		min.	105 (4 ¹ / ₈ "	105 (4 ¹ / ₈ "
	with accessories		80 (3 ¹ / ₈ "	80 (3 ¹ / ₈ "
	lap	max.	15 (9/ ₁₆ "	
		min.	6 (1/ ₄ "	
High folio, low folio, vacuum opening		standard		
Product size, stitching unit		max.	365 (14 ³ / ₈ "	305 (12")
		min.	145 (5 ¹¹ / ₁₆ "	100 (3 ¹⁵ / ₁₆ "
Stitching heads	HK 75	max.	4 heads	
	HK 45	max.	6 heads	
	eyelet stitching head	max.	4 heads	
Trim cut-off			(in mm)	
	head/foot trim	max.	50 (2")	
	front trim	max.	35 (1 ³ / ₈ "	
Product thickness			(in mm)	
	standard	max.	10 (3/ ₈ "	
	center cut, punch cut	max.	6 (1/ ₄ "	
	center cut, split cut	max.	6 (1/ ₄ "	

Product sizes, trimmed			A (in mm)	B (in mm)
1-up products 	standard	max.	360 (14 ³ / ₁₆ "	300 (11 ³ / ₄ "
	small size	min.	140 (5 ¹ / ₂ "	75 (3"
		with accessories		98 (3 ⁷ / ₈ "
Center cut (4 th and 5 th knife)	split cut 	max.	180 (7 ¹ / ₁₆ "	275 (10 ¹³ / ₁₆ "
		min.	145 (5 ¹¹ / ₁₆ "	75 (3"
		with accessories	105 (4 ¹ / ₈ "	60 (2 ³ / ₈ "
	punch cut 	max.	177 (6 ¹⁵ / ₁₆ "	275 (10 ¹³ / ₁₆ "
		min.	140 (5 ¹ / ₂ "	75 (3"
		with accessories	105 (4 ¹ / ₈ "	60 (2 ³ / ₈ "
Folder feeder	1528	max.	310 (12 ³ / ₁₆ "	600 (23 ⁵ / ₈ "
		min.	90 (3 ¹ / ₂ "	165 (6 ¹ / ₂ "
Power consumption	with trimmer	3,7 kW		
	without trimmer	1,5 kW		
Pressure-vacuum pumps	up to 2 twin feeders*	1 x KTA	80/4 kW	
	up to 4 twin feeders*	2 x KTA	80/4 kW	
	up to 6 twin feeders*	2 x KTA	100/4 kW	
Blow air consumption	per twin feeder*	17 Nm ³ /h at 0,6 bar (10 cfm at 9 psi)		
Vacuum consumption	per twin feeder*	16 m ³ /h at 60 %		

*One folder feeder 1528 counts as one twin feeder.

- 1 Valore Stitcher 1558
- 2 Control panel
- 3 3-Knife Trimmer 1522
- 4 Shingle delivery 1564
- 5 Dual hopper delivery

- 6 Cover folder feeder 1528
- 7 Twin feeder 1559
- 8 Chain tensioner
- 9 Short hand station
- 10 Long hand station

