

## Presto Saddle Stitcher

for efficient production  
of small to medium runs



## Presto Saddle Stitcher – efficient, compact and expandable



The Presto Saddle Stitcher will be a money-making machine in your print finishing operation right from the start. Its speed of up to 9,000 cycles per hour makes it ideal for a successful start in automated saddle stitching. Printing and print-finishing operations with small- to medium-size run lengths can benefit greatly from this professional, cost-effective

solution. The compact Presto also excels due to its space-saving layout. All work processes can be monitored easily thanks to the large viewing windows and clearly arranged touchscreen controls. The Presto produces saddle stitched products of the best quality quickly and efficiently.

### The Presto Saddle Stitcher offers outstanding competitive advantages:

- ▶ Easy touchscreen operation
- ▶ Fast, accurate make-ready
- ▶ Consistent, reliable operation
- ▶ Speeds up to 9,000 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

Up to six twin feeders or five twin feeders and a folder feeder can be used on the Presto. The twin feeders can be operated in 1:1 or 1:2 mode. Hand-feed stations are available as an option. The Presto 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 Presto requires no special maintenance.

The machine allows easy access from all sides. Large viewing windows ensure excellent overview of the process and access for easy intervention during production.

## The compact 1551 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. All settings can be adjusted without tools.

## Hinged feeder

The hinged feeder makes it possible to feed in especially creatively designed signatures by hand (die-cut for example).



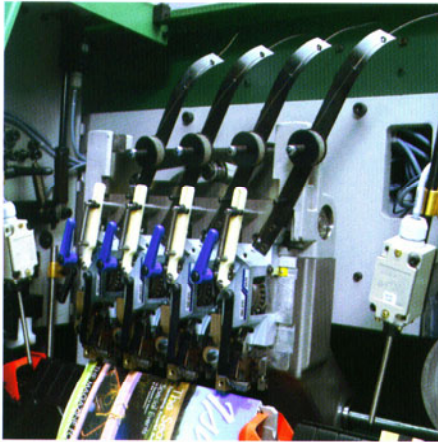
## 1528 Folder Feeder

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.



# Precise stitching for maximum reliability



## Stitching unit

Up to six Muller Martini flying stitching heads can be mounted on the Presto 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.



## 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.



## 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.



## Easy to operate

The Presto is equipped with a clearly laid out touchscreen for easy operation. It can be operated with a simple speed control and switch for starting and stopping the machine.

## Quality assurance

Thickness control by ridge caliper guarantees that only complete copies are stitched and trimmed. The Presto also comes with Asac (Automatic self adjustment caliper) thickness measurement device and staple control to ensure perfect product quality.

The long book detector checks whether all signatures are neatly jogged up on the gathering chain. Incomplete products are automatically ejected for reloading.



# Precise trimming and a choice of deliveries



Three-knife trimmer

## 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, 4<sup>th</sup> and 5<sup>th</sup> knife attachment for punch and split cut, as well as single or multiple hole punching accessories are available as options.



Belt delivery

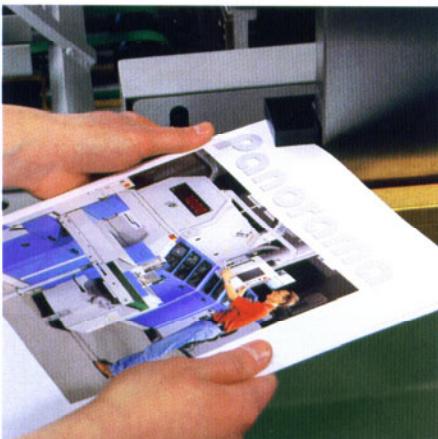
## Deliveries

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 belt, or stacked by a compensating stacker.

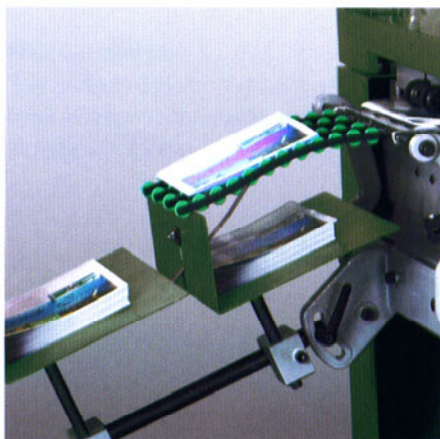
The belt delivery delivers shingle batches of preset count, and gaps are created by automatic adjustment of the belt speed.

## Apollo Compensating Stacker

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



Central product thickness adjustment

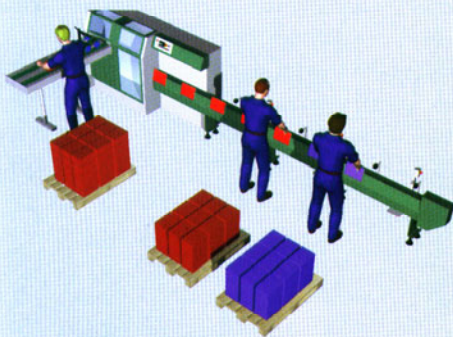


Dual pocket delivery

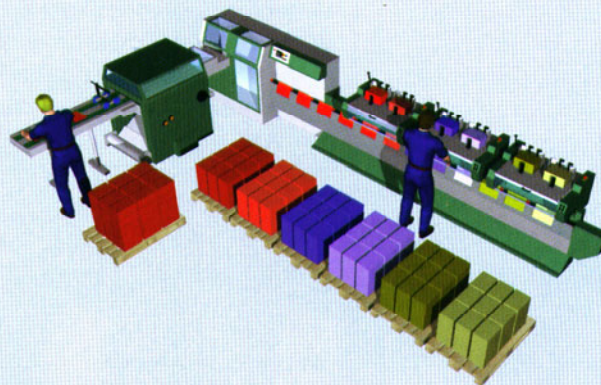


Apollo compensating stacker

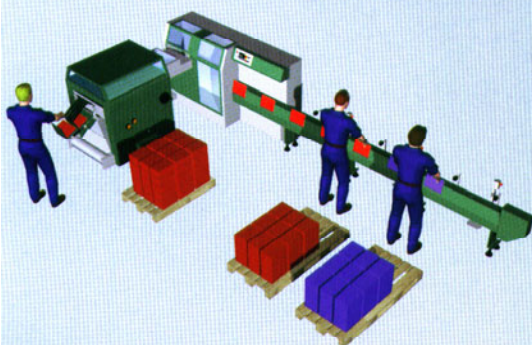
# The Presto offers the flexibility to grow with your needs



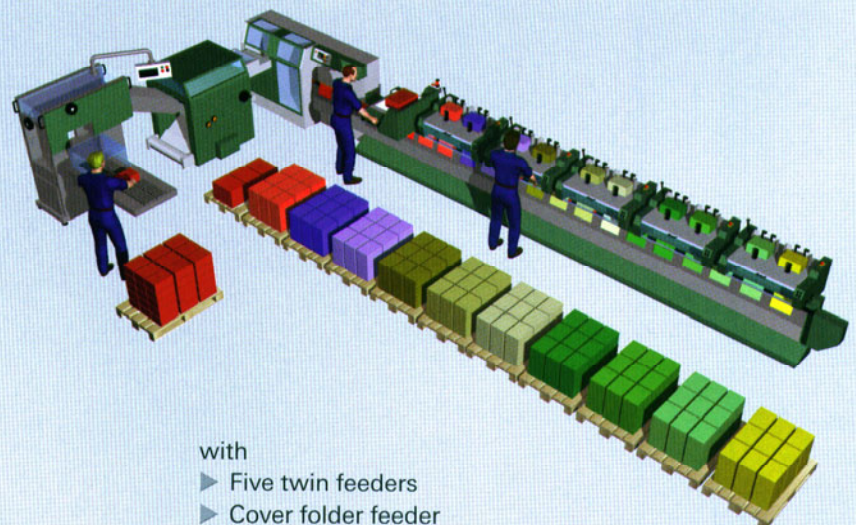
- with
- ▶ Hand-feed stations
  - ▶ Stitching unit
  - ▶ Belt delivery



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



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

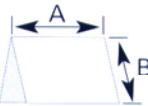



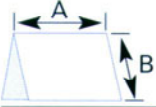
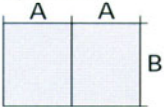
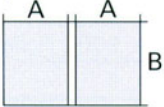
- with
- ▶ Five twin feeders
  - ▶ Cover folder feeder
  - ▶ Stitching unit
  - ▶ Three-knife trimmer
  - ▶ Compensating stacker

# Presto Saddle Stitcher

## Specifications



<b>Mechanical speed</b>	17" chain pitch	max. 9000 cycles per hour		
<b>Number of twin feeders</b>		max. 6		
<b>Product sizes, untrimmed</b>		mm and (=inches)	A	B
	high folio lap	max.	365 (14 <sup>3</sup> / <sub>8</sub> "	305 (12")
		min.	105 (4 <sup>1</sup> / <sub>8</sub> "	105 (4 <sup>1</sup> / <sub>8</sub> "
	with accessories		80 (3 <sup>1</sup> / <sub>8</sub> "	80 (3 <sup>1</sup> / <sub>8</sub> "
	low folio lap	max.	365 (14 <sup>3</sup> / <sub>8</sub> "	305 (12")
		min.	105 (4 <sup>1</sup> / <sub>8</sub> "	115 (4 <sup>1</sup> / <sub>2</sub> "
	with accessories		80 (3 <sup>1</sup> / <sub>8</sub> "	80 (3 <sup>1</sup> / <sub>8</sub> "
	without lap (vacuum opening)	max.	350 (13 <sup>3</sup> / <sub>4</sub> "	290 (11 <sup>3</sup> / <sub>8</sub> "
		min.	105 (4 <sup>1</sup> / <sub>8</sub> "	105 (4 <sup>1</sup> / <sub>8</sub> "
	with accessories		80 (3 <sup>1</sup> / <sub>8</sub> "	80 (3 <sup>1</sup> / <sub>8</sub> "
	lap	max.	15 (9 <sup>1</sup> / <sub>16</sub> "	
		min.	6 (1 <sup>1</sup> / <sub>4</sub> "	
<b>High folio, low folio, vacuum opening</b>		standard		
<b>Product size, stitching unit</b>		max.	365 (14 <sup>3</sup> / <sub>8</sub> "	305 (12")
		min.	145 (5 <sup>11</sup> / <sub>16</sub> "	100 (3 <sup>15</sup> / <sub>16</sub> "
<b>Stitching heads</b>	HK 75	max.	4 heads	
	HK 45	max.	6 heads	
	eyelet stitching head	max.	4 heads	
<b>Trim cut-off</b>			(in mm)	
	head/foot trim	max.	50 (2")	
	front trim	max.	35 (1 <sup>3</sup> / <sub>8</sub> "	
<b>Product thickness</b>			(in mm)	
	standard	max.	10 (3 <sup>8</sup> / <sub>8</sub> "	
	center cut, punch cut	max.	6 (1 <sup>4</sup> / <sub>4</sub> "	
	center cut, split cut	max.	6 (1 <sup>4</sup> / <sub>4</sub> "	

<b>Product sizes, trimmed</b>			A (in mm)	B (in mm)
1-up products 	standard	max.	360 (14 <sup>3</sup> / <sub>16</sub> "	300 (11 <sup>3</sup> / <sub>4</sub> "
	small size	min.	140 (5 <sup>1</sup> / <sub>2</sub> "	75 (3"
		with accessories		98 (3 <sup>7</sup> / <sub>8</sub> "
Center cut (4 <sup>th</sup> and 5 <sup>th</sup> knife)	split cut 	max.	180 (7 <sup>1</sup> / <sub>16</sub> "	275 (10 <sup>13</sup> / <sub>16</sub> "
		min.	145 (5 <sup>11</sup> / <sub>16</sub> "	75 (3"
		with accessories	105 (4 <sup>1</sup> / <sub>8</sub> "	60 (2 <sup>3</sup> / <sub>8</sub> "
	punch cut 	max.	177 (6 <sup>15</sup> / <sub>16</sub> "	275 (10 <sup>13</sup> / <sub>16</sub> "
		min.	140 (5 <sup>1</sup> / <sub>2</sub> "	75 (3"
		with accessories	105 (4 <sup>1</sup> / <sub>8</sub> "	60 (2 <sup>3</sup> / <sub>8</sub> "
<b>Folder feeder</b>	1528	max.	310 (12 <sup>3</sup> / <sub>16</sub> "	600 (23 <sup>5</sup> / <sub>8</sub> "
		min.	90 (3 <sup>1</sup> / <sub>2</sub> "	165 (6 <sup>1</sup> / <sub>2</sub> "
<b>Power consumption</b>	with trimmer		3,7 kW	
<b>Pressure-vacuum pumps</b>	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*		3 x KTA 80/4 kW	
<b>Blow air consumption</b>	per twin feeder*		17 Nm <sup>3</sup> /h at 0,6 bar (10,2 cfm at 90 psi)	
<b>Vacuum consumption</b>	per twin feeder*		16 m <sup>3</sup> /h at 60 % (10 cfm)	

\*One folder feeder 1528 counts as one twin feeder.

- |                                     |  |
|-------------------------------------|--|
| <b>1</b> Sticher Model 1550 Presto  | <b>7</b> Short hand station                      |
| <b>2</b> Control Panel              | <b>8</b> Long hand station                       |
| <b>3</b> 3-Knife Trimmer Model 1522 | <b>9</b> Apollo Compensating Stacker, Model 1540 |
| <b>4</b> Twin Feeder Model 1551     | <b>10</b> Roller delivery, Model 1540            |
| <b>5</b> Folder Feeder Model 1528   | <b>11</b> Belt delivery, Model 1564              |
| <b>6</b> Chain tensioning unit      |  |

