

mitacase

automatic casemaker



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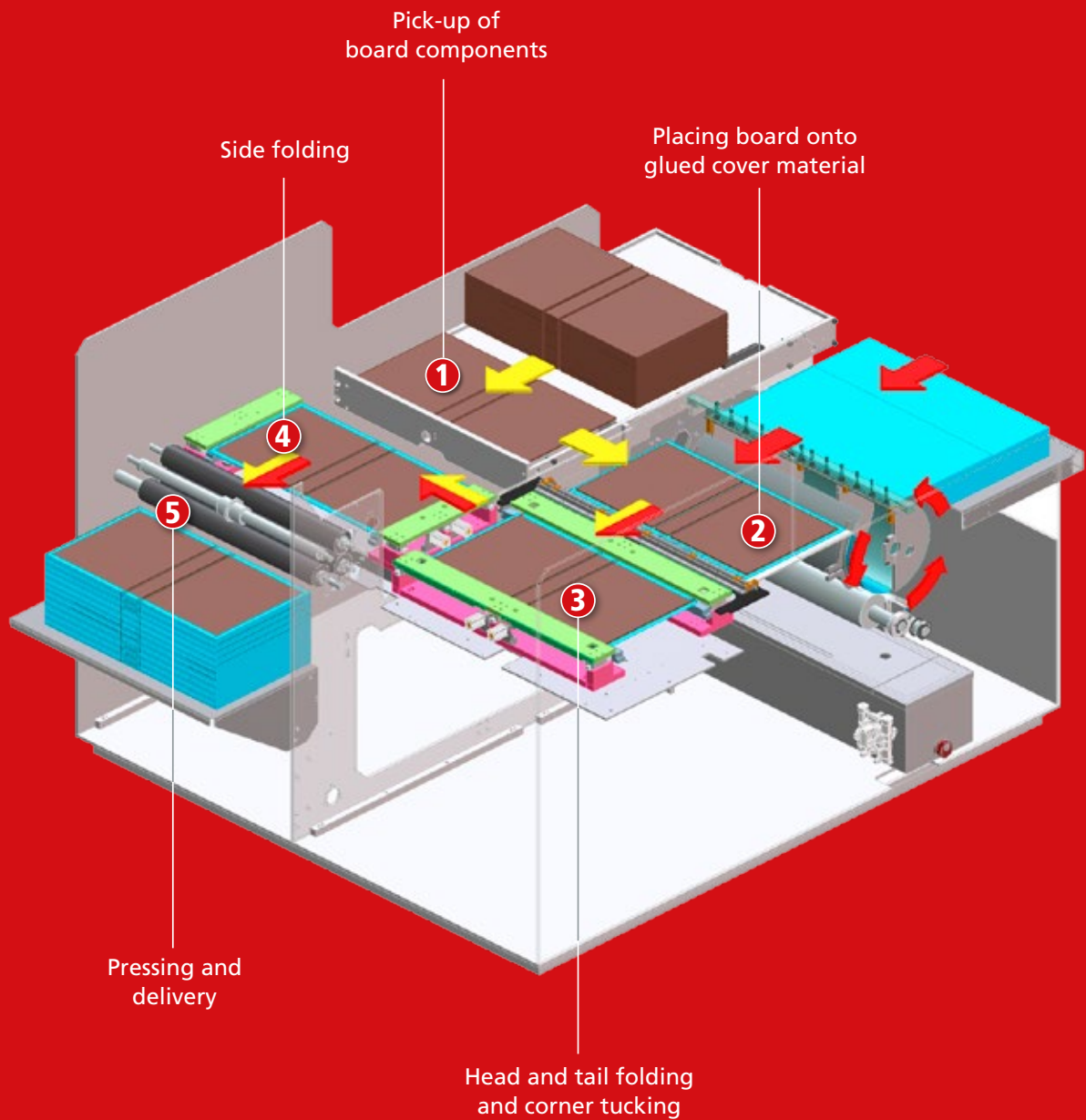
The new mitacase completes the PBT product family for hard cover production. The mitacase perfectly fills the gap between slow semi-automatic and costly high volume production equipment.

mitacase automatically produces unique, high-quality custom hard cases for a wide range of book products to be manufactured in small quantities.

Special features

- ▶ Automatic feeding and positioning of boards, spine strips and cover sheets
- ▶ Integrated glue station (animal glue)
- ▶ Two mechanical turning in stations
- ▶ Only one operator required
- ▶ Rapid, fully automatic, motorized size change with touch screen data input
- ▶ Simple operation by minimally skilled staff
- ▶ State-of-the art software control
- ▶ Clear overview to each machine work station
- ▶ Minimal floor space required





Operation

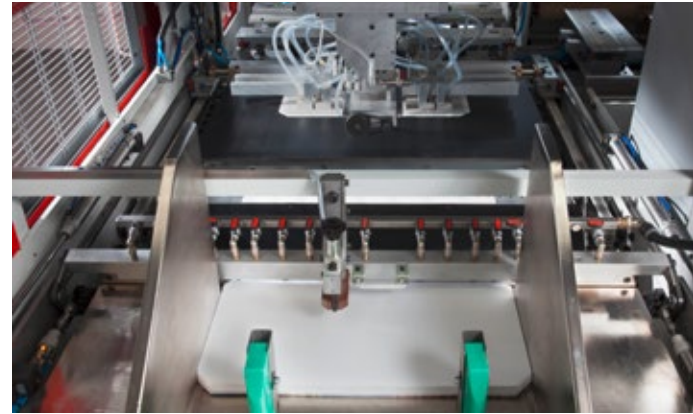
Board components and cover material are loaded into their respective automatic feed stations. An electronically controlled suction arm covering 4 work stations picks up the automatically fed side boards and center strip and places the three components in precise register onto the automatically fed and glue coated cover material.

Without releasing the board adhered to the cover material, the suction head transfers the laminate into the mechanical heavy duty head and tail folding station, where the corners are simultaneously tightly tucked in. To complete the case, the suction head places the almost finished case into the mechanical side folding station. The transfer arm releases the finished case ready to pass the final pressing station before being placed onto the delivery table. The suction arm goes back to pick up the board components for the next case and starts the next production cycle.

The final result are precise, tightly folded book cases.

The machine, of very sturdy construction, is operated by one person and can produce up to 420 cases per hour.

The motorized size change is very rapid and activated by the data entered or stored in the touch screen operating panel.



1. Automatic board feeder
2. Automatic feeder for cover material

mita case

Technical specifications

mitacase

Capacity:	up to 7 cases / minute	
Size range / Open case:	max. 800 x 405 mm (31 1/2" x 16")	min. 215 x 120 mm (8 1/2" x 4 3/4")
Thickness of rigid backlining:	max. 5 mm (3/16")	min. 1 mm (3/64")
Width of rigid backlining:	max. 70 mm (2 3/4")	min. 7 mm (9/32")
Size change:	1 – 5 minutes	
Electrics:	400 V, 3 PNE, 50 Hz.	
Power requirements:	12 kW	
Air consumption:	800 NL/minute at 6 bar	
Water consumption:	1,5 L/hour	
Floor space:	2'940 x 2'670 x H 1'790 mm (116 1/7" x 105 1/8" x 70 1/2")	
Weight:	approx. 2'000 kg	

Technical specifications subject to change without notice

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