

Hard Case Binding

Equipment



Optimum Precision

Case Making Machine with Roller Turning



"Memory" Case Maker is design for short & medium run jobs. The machine is suitable for the production of Diary & Note Book Covers, Book Covers, Box Files, Photo Album Cover, Game & Puzzle Boards, Clip Boards, Ring Files, TableCalendar Stands etc.

Salient Features:

- Sturdy Aluminum profile structure for long life, user friendly PLC Touch Screen display for ease of operation.
- Stainless Steel Water & Glue Tank with in-direct heating ensures corrosion free long life usage for Hot melt Glues.
- Cylindrically Grinded Stainless Steel Gluing Rollers ensures even glue application on all type of cover materials.
- Operator friendly adjustments for job set up & quick job change over.
- Pneumatically controlled register device with Auto Suction bed for Hard Boards to be placed on cover material ensures accurate positioning and results in consistent & quality production of hard covers.
- Specially designed and pneumatically controlled Turning-in unit ensures Flat edge on all four sides after turning.
- The Roller Pressing removes air bubbles from the cover after turning-in. Rollers can be adjusted according to the Hard Board thickness.

Technical Specifications

Open Book Case Format	460 x 800 mm
Cover Material Thickness	90 - 170 gsm
Board Thickness	1.0 mm - 4.0 mm
Turn-in Width	15 mm to 20 mm
Speed	Upto 250 Cases / hr.
Air Pressure	8 Bar Compressed
Power	4.5 KW / 220 Volts / 50 Hz.
Dimensions (L x W x H)	3450 x 1000 x 1400 mm
Net Weight	250 Kgs

Note : Needs Compressed Air connection at the time of installation at customer end.



Hot & Cold Glue Tank



Roller Gluing



Board Placement with suction



Touch Control Panel

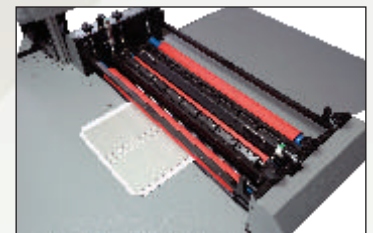
Case Making Machine with Flap Turning



“Memory” Case Maker is design for short & medium run jobs. The machine is suitable for the production of Diary & Note Book Covers, Book Covers, Box Files, Photo Album Cover, Game & Puzzle Boards, Clip Boards, Ring Files, Table Calender Stands etc.

Salient Features:

- Sturdy Aluminum profile structure for long life, user friendly PLC Touch Screen display for ease of operation.
- Stainless Steel Water & Glue Tank for corrosion free long life and in-direct heating for the use of Hot Glue.
- Cylindrically Grinded Stainless Steel Gluing Rollers ensures even glue application on all type of cover materials.
- Operator friendly adjustments for job set up & quick job change over.
- Pneumatically controlled register device with Auto Suction bed for Hard Boards to be placed on cover material ensures accurate positioning and results in consistent & quality production of hard covers.
- Specially designed Flap Turning unit for all four sides to fold in Two Pass.
Pneumatically controlled flaps ensures repetitive precise flat edge on all four sides of cover.
- Standard feature to select Single (for lining job) or Two Folds in one pass.
Adjustable roller height for variable board thickness.
- Silicon Rollers for guiding & final pressing removes air bubbles from covers after turning-in.
Roller pressure can be adjusted as per board thickness.
- Automatic sensor based Counter & Large delivery stand to stack the finished covers.

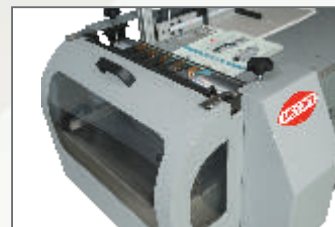


Flap Turning Unit

Technical Specifications

Open Book Case Format	460 x 800 mm
Cover Material Thickness	90 - 170 gsm
Board Thickness	1.0 m - 4.0 mm
Turn-in Width	15 mm to 20 mm
Speed	Upto 250 Cases / hr.
Air Pressure	8 Bar Compressed
Power	4.5 KW / 220 Volts / 50 Hz.
Dimensions (L x W x H)	3450 x 1000 x 1400 mm
Net Weight	400 Kgs

Note : Needs Compressed Air connection at the time of installation at customer end.



Hot & Cold Glue Tank



Roller Gluing

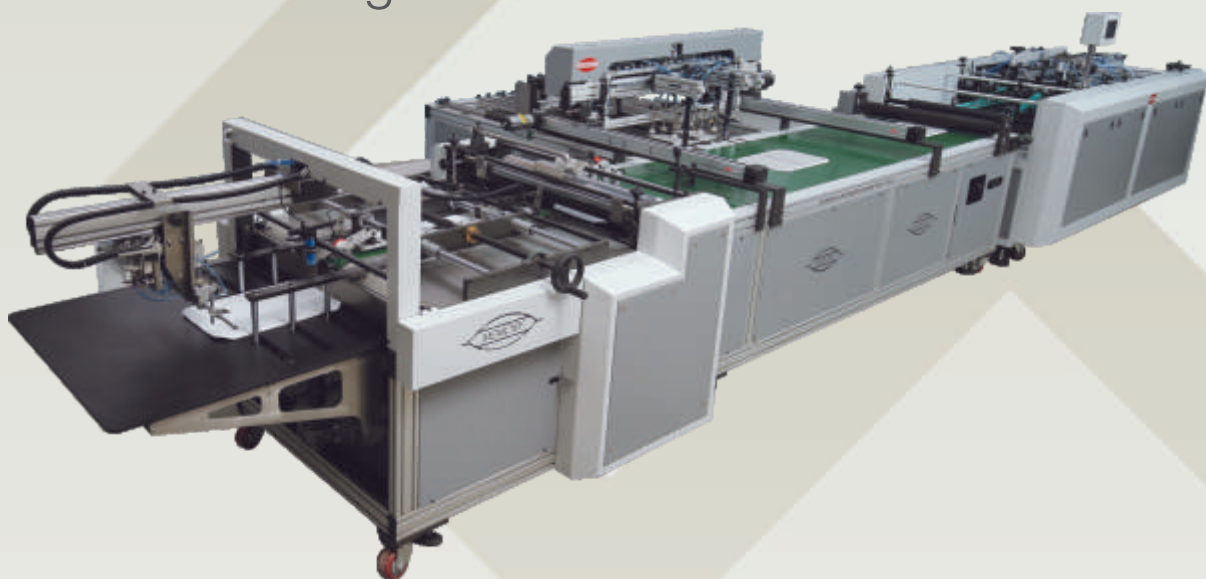


Board Placement with suction



Touch Control Panel

Automatic Case Making Machine with 4 side folding



“Memory” Automatic Case Maker is design for medium & long run jobs. The machine is suitable for the production of Diary & Note Book Covers, Book Covers, Box Files, Photo Album Cover, Game & Puzzle Boards, Clip Boards, Ring Files, TableCalendar Stands etc.

Salient Features:

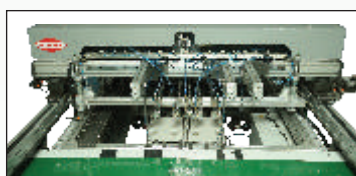
- Automatic Paper feeder with alignment station, Auto sensor stopping to facilitate step by step process.
- Cylindrically grinded stainless steel Gluing Rollers ensures even glue application on all type of cover materials.
- Stainless Steel Water & Glue Tank for corrosion free long life, In-direct Dual heating & glue agitator ensures faster melting of Hot Glue for quick start operation.
- Sturdy Aluminum profile structure with suction hold under the conveyor belt, keep the paper from deviating.
- Hard Board feeder is equipped with servo controlled actuators for precise positioning, servo controlled pusher assembly,
- Edge detection for accurate placement of hard board on cover material with reference to the edges.
- Specially designed Four Side Turning Unit folds all sides in single pass. Two long sides turn-in using Belt turning, Optical
- Sensor based stopping of cover, pneumatically controlled Notching, third side turning & finally fourth side folding with Flap turning ensures flat air free edges of cover.
- Silicon Rollers for guiding & final pressing removes air bubbles from covers after turning-in.
- PLC Touch Screen display & control panel ensures ease of operation for operator.

Technical Specifications

Open Book Case Format Max.	460 x 900 mm
Cover Material Thickness Min.	150 x 240 mm
Max. Board Size	450 x 850 mm
Min. Board Size	200 x 250 mm
Board Thickness	1.2 mm - 4.0 mm
Spine Thickness Min. (Board)	12 mm
Turn-in Width	15 mm to 20 mm
Speed	Upto 750 Cases / hr.
Air Pressure	8 Bar Compressed
Power	15 KW / 380 Volts / 50 Hz.
Dimensions (L x W x H)	8550 x 2750 x 1400 mm
Net Weight	1850 Kgs



Four Side Folding Machine



Board Feeder



Touch Control Panel

Note : Needs Compressed Air connection at the time of installation at customer end.

Gluing Machine

“Memory” Gluing Machine consists of Manual Gluing Station for Hot Melt & Cold Glue, The machine is equipped with in-direct heating for hot melt glue with facility to add water which evaporates due to heat.



Suitable for Inner Sheet Pasting & Back to Back Pasting

Technical Specifications

Paper Size	460 x 800 mm
Paper Thickness	90 - 250 gsm
Speed	Upto 250 Sheets / Hour
Glue Application	From Bottom Side
Power	2 KW / 220 Volts / 50 Hz.
Dimensions (L x W x H)	1100 x 720 x 1140 mm
Net Weight	150 Kgs

Gluing & Pressing Machine



Suitable for Inner Sheet Pasting, Back to Back Pasting & Tag Manufacturing

“Memory” Gluing & Pressing Machine consists of Manual Gluing Station for Hot Melt & Cold Glue, The machine is equipped with in-direct heating for Hot Melt Glue with facility to add water which evaporates due to heat. Platform for board placement & pressing roller device ensures bubble free pasting.

Technical Specifications

Paper Size	460 x 800 mm
Paper Thickness	90 - 250 gsm
Speed	Upto 250 Sheets / Hour
Glue Application	From Bottom Side
Power	2.5 KW / 220 Volts / 50 Hz.
Dimensions (L x W x H)	2330 x 1000 x 1380 mm
Net Weight	250 Kgs



Hot melt or Cold Glue Tank



Control Panel



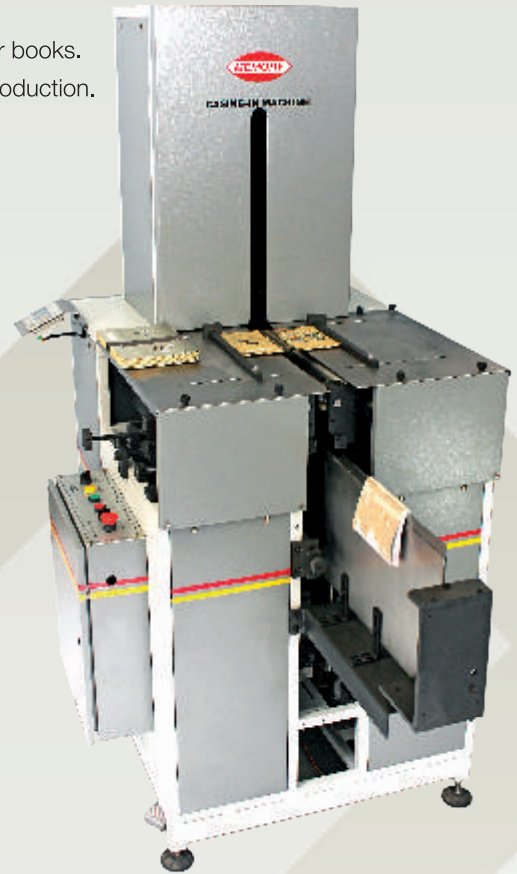
Roller Gluing

Casing-in Machine

- Semi-automatic Casing-in Machine is used to Casing in all kinds of hard cover for books.
- Its automatic gluing, automatic positioning & compact structure ensures faster production.

Technical Specifications

Book Block Size (Max.)	360 x 250 mm
Book Block Size (Min.)	100 x 90 mm
Book Spine Size	6 - 55 mm
Speed	Upto 250 Books / Hour
Power	3 KW / 380 Volts / 50 Hz.
Dimension (LxWxH)	1500 x 1100 x 1600 mm
Net Weight	200 Kgs



Pneumatic Corner Cutting Machine

“Memory” Pneumatic Corner Cutting Machine is equipped with single cutting device which allows for trimming corners of the cover material.

- The operator places the pile of material to be trimmed against the guides on the machine table. The cutting operation is carried out by foot pedal control.

Optional : Extra set of knives • Knives with special shape

Note : Needs Compressed Air connection at the time of installation at customer end.

Pneumatic Dab Press Machine

“Memory” Pneumatic Dab Press is suitable for pressing of Hard Case Bound books soon after Casing-In & Joint Forming process. Two way working Platen and pneumatically controlled low & high pressure for variable pile height ensures perfect and faster production.

Technical Specifications

Maximum Platen Size	510 x 380 mm
Pile Height Max.	400 mm
Pile Height Min	120 mm
Power	0.5 KW / 220 Volts / 50 Hz.
Dimension	700 x 450 x 1700 mm



Note : Needs Compressed Air connection at the time of installation at customer end.



Pneumatic Joint Forming Machine

“Memory” Pneumatic Joint Forming Machine is suitable for pressing Cased-In books with the help of pneumatic low & high pressure. Thermostatically controlled Joint Bars ensures excellent forming of joints on different materials with perfect & permanent shape. The Joint Bars are available in different sizes i.e. 1, 1.5, 3 & 5 mm (face width). Front gauge & foot switch for operation ensures faster production.

Technical Specifications

Book Length Max.	450 mm
Book Width Min.	100 mm
Book Thickness (Min - Max)	5 - 100 mm
Power	1.5 KW / 220 Volts / 50 Hz.
Dimension	720 x 550 x 1075 mm



Note : Needs Compressed Air connection at the time of installation at customer end.

Pneumatic Bundling & Strapping Machine



Technical Specifications

Platen Size	410 x 260 mm
Pile Length (Min - Max)	550 - 850 mm
System Clamp Pressure	2000 Kgs.
Power	1.5 KW / 220 Volts / 50 Hz.
Dimension	1550 x 760 x 940 mm
Net Weight	200 Kgs

Note : Needs Compressed Air connection at the time of installation at customer end.

- The solution for bundling & pressing of folded sheets (signature), brochures and book-blocks etc.
- Push button operates the Pneumatic system to press the bundle properly thus saves floor space.
- Pneumatically pressed bundles protect the folded sheets from being damaged at the edges.
- Air or dust cannot get into the pressed folded sheets thus maintains the fresh look of signatures.
- The machine is equipped with a semi-automatic strapping unit as the operator no longer needs to tie the bundle manually.

MEMORY

An ISO 9001 : 2008 Company



www.memoryrepro.com

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