

# Hard Case Binding Equipment



*Optimum Precision*

# Case Making Machine Manual



Suitable for Diary & Note Book Covers, Box Files, Photo Album, Game Boards, Clip Boards, Ring Files, Table Calendar Stand etc.

“Memory” Case Maker consists of Manual Gluing Station for Hot Melt & Cold Glue, Board Placement with Pneumatic Control, Turning-in Station and Pressing Station. The Case maker is equipped with in-direct heating for hot melt glue with facility to add water which evaporates due to heat. The cover duly glued is held with high speed suction for placing the boards manually. The adjustment for using small and big boards is simple & operator friendly. The Pressure rollers bind the cover with the board and stacks in the stacker.

## 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.
Glue Application	From Bottom Side
Power	4.5 KW / 220 Volts / 50 Hz.
Dimensions (L x W x H)	3450 x 1000 x 1400 mm
Net Weight	500 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

# Semi Automatic Case Making Machine



Suitable for Diary & Note Book Covers, Box Files, Photo Album, Game Boards, Clip Boards, Ring Files, Table Calendar Stand etc.

“Memory” Semi Automatic Case Maker is design for medium & long run jobs. The Case Maker Consists of :

- Sturdy Aluminum profile structure, PLC touch panel control eliminates skilled labour requirement & ensures consistent & quality production.
- Specially designed gluing system for top side gluing for Hot & Cold Glue application.
- CNC cylindrically grinded gluing rollers ensures even glue application on all cover materials.
- Conveyor Belt with suction, optical sensor & pneumatically controlled board feeder ensures repeatability & accuracy in placement of Hard Boards on to the cover materials.
- The unique pressing roller device on conveyor and pneumatically controlled twin flap turning device ensures flat edge on all four sides in two pass.

## Technical Specifications

Open Book Case Format (Max.)	500 x 1000 mm
Open Book Case Format (Min.)	100 x 200 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 400 Cases / hr.
Glue Application	From Top Side
Power	7.5 KW / 380 Volts / 50 Hz.
Dimensions (L x W x H)	4300 x 2200 x 1330 mm
Net Weight	850 Kgs

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



PLC Touch Control Panel



Top Side Glue Coater



Flap Turning Unit



Automatic Board Feeder

# 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.

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



Suitable for  
Inner Sheet Pasting &  
Back to Back Pasting

# 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 Pannel



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 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.



## 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.



An ISO 9001 : 2008 Company

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