

Packaging Equipment



Optimum Precision

Fully Automatic Thermal Lamination Machine



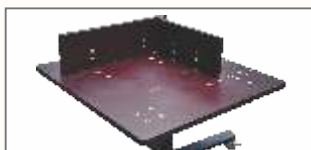
“Memory” Fully Automatic Thermal Lamination Machine is suitable for sheet to sheet lamination. The machine consists of :

- Automatic Paper Feeder adopts oil free vacuum pump, Servo controller front lay guarantees accurate paper overlapping & equipped with “No Paper” & “Paper Break” protector system.
- Schneider PLC control with touch panel screen ensures ease of operation for operator.
- Large diameter high precision Chrome plated heating roller with built - in oil heating circulation system ensures even temperature across the cylinder.
- Advance instant Electro magnetic Heating Technology helps in fast pre-heating & energy saving.
- Automatic Hydraulic pressure for heating cylinder & thermostatically controlled temperature with $\pm 1^{\circ}\text{C}$ tolerance ensures high quality lamination.
- Separate structure (Aisle) & air shaft for loading & unloading of film roll helps operators in faster make ready & easy maintenance.
- The machine is equipped with Anti-Curl device for paper thickness < 200gsm which ensures paper to remain flat & straight during the lamination process & after auto cut.
- Pneumatically controlled Auto-cut device & vibrating delivery table ensures smooth paper collection without wastage.

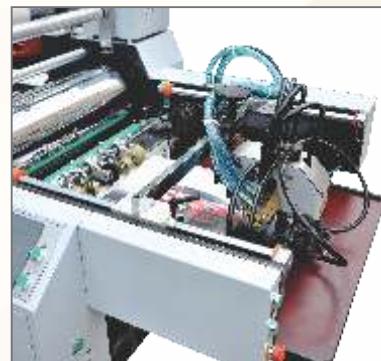
Technical Specifications	TLM-920	TLM-1100
Paper Size Max (W x L)	889 x 940 mm	940 x 1100 mm
Paper Size Min (W x L)	300 x 300 mm	300 x 300 mm
Lamination Speed	Upto 40 mtrs / min	Upto 40 mtrs / min
Paper Thickness	100-500 gsm	100-500 gsm
Lamination Temp.	$\leq 130^{\circ}\text{C}$	$\leq 130^{\circ}\text{C}$
Power	21 KW / 380 Volts / 50 Hz.	23 KW / 380 Volts / 50 Hz.
Dimensions (L x W x H)	4200 x 1750 x 1750	4500 x 1950 x 1750
Net Weight	1800 Kgs.	2000 Kgs.



Auto-cut Device



Jogger Delivery Table



Automatic Paper Feeder

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

Semi Automatic Thermal Lamination Machine

In-Line divisional cutting device



“Memory” Semi Automatic Thermal Lamination Machine is suitable for sheet to sheet lamination. The machine consists of :

- Manual feeding table with side gauge for faster & easier feeding of long sheets.
- The unique pneumatically control stopper feeder device eliminates skilled operator requirement
- PLC control with touch screen, digital temperature controller & variable speed AC drive ensures ease of operation for operator.
- Large diameter high precision Chrome plated heating roller with built - in oil heating circulation
- system ensures even temperature across the cylinder for high quality lamination.
- Equipped with pneumatically controlled In-Line divisional cutting device.

Optional : Reel Rewinding unit for lower grammage paper < 130 gsm.

Technical Specifications	Model 14”	Model 24”	Model 32”
Paper Width Max	350 mm	610 mm	810 mm
Paper Thickness	100-500 gsm	100-500 gsm	100-500 gsm
Lamination Speed	Upto 20 mtrs / min	Upto 20 mtrs / min	Upto 20 mtrs / min
Power	3.5 KW / 220 Volts / 50 Hz.	7 KW / 380 Volts / 50 Hz.	8 KW / 380 Volts / 50 Hz.
Net Weight	200 Kgs.	550 Kgs.	700 Kgs.
Dimensions (W x H x L)	935 x 1480 x 1250 mm	1600 x 2560 x 1820 mm	1850 x 2800 x 1820 mm

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



PLC Touch Panel



Stopper Feeder Attachment



Optional : Reel Rewinding Unit

Board Knurling Machine

"Memory" Board Knurling Machine is specially designed to emboss different pattern on Paper & Board.

- The machine is suitable for many applications like : Packing Boxes, Playing Cards, Book Covers, Greeting Cards, Gift Envelops, Calendar etc.
- The sturdy powder coated mild steel structure ensures trouble - free & long working life.
- The machine is equipped with a high precision engraving roller to emboss the substrate, so that the desired pattern appears.

Optional :

- Automatic Feeder
- Automatic Hydraulic Pressure
- Laser Engraved Design Roller



Technical Specifications	Model - A	Model - B
Board Width Max.	700 mm	810 mm
Thickness (Min - Max)	90 - 500 gsm.	90 - 500 gsm.
Speed	25 mtrs / min	25 mtrs / min
Power	1.5 KW / 220 Volts / 50 Hz.	1.5 KW / 220 Volts / 50 Hz.
Dimension (L x W x H)	2500 x 1530 x 1200 mm	2700 x 1530 x 1200 mm
Net Weight	550 Kgs.	650 Kgs.



Design Roller



Control Panel

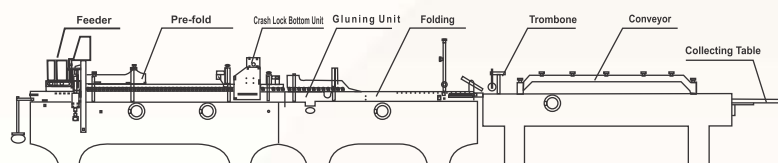
Folder & Gluer Machine with Crash Lock Bottom - ZH-800G



Technical Specifications	ZH - 800G
Line Speed	0-220 m/min. (continuous adjustment)
Paper/Board Thickness	210-600 gsm
Box Forming	Either side folds, Both side pre-folder, Either side glue & bottom glue
Folding Type	One, Two & Four 180°, Three Folder 90°
Binder	Dissolve type
Counting Range	0-999999
Power Consumption	3.7 KW / 220 Volts / 50 hz
Dimension (L x W x H)	8500 x 900 x 1300 mm
Weight	2000 kg

ZH-800G is the latest multi-functional Crash Lock Bottom Folder & Gluer. It combines a variety of folder gluer features, Side pasting, pre-folded edges with crash lock bottom.

Main Features - Auto Feeding, Crash Lock Bottom, Two Lower Gluing Stations, Two Upper Gluing Stations, Grinding before Gluing, Either side Glue Control, Auto Counting, Four Lines Folding.



Fancy Box Making Plant

Gluing Machine with Conveyor



"Memory" Gluing Machine with Conveyor is designed for short & medium run jobs. The Gluing Machine consists of :

- Sturdy Aluminum profile structure with suction hold conveyor belt to ensure high quality boxes.
- Specially designed gluing system for top side gluing suitable for Hot melt & Cold glue application.
- CNC cylindrically grinded gluing roller ensures even glue application on all cover materials.

Optional : Pressing Station with twin set of Silicon Rollers for sheet to sheet pasting jobs.

Technical Specifications

Paper Width (Min - Max)	90 - 635 mm
Paper Length (Min - Max)	200 - 800 mm
Paper Thickness	90-300 gsm
Speed	7 - 30 pcs / min
Power	8 KW / 380 Volts / 50 Hz.
Dimensions (L x W x H)	6500 x 1700 x 1100 mm
Net Weight	700 kgs.

Automatic Box Forming Machine

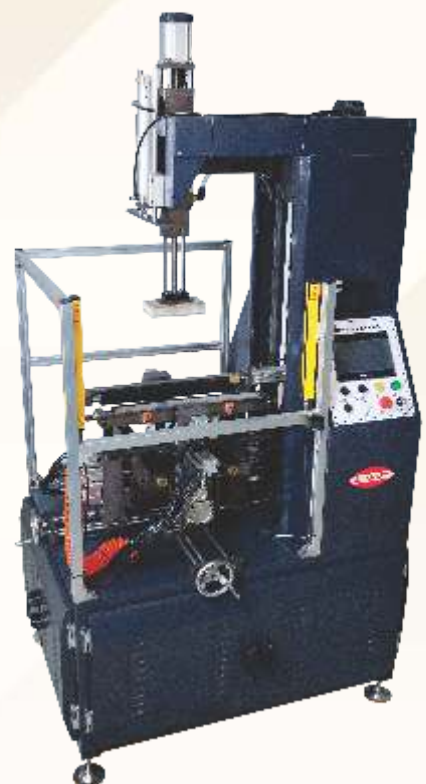
The Machine is most suitable to make quality rigid boxes & eliminates skilled labour requirement.

- Brush Roller ensures even wrap around of glue pasters for all 4 sides.
- Pneumatically controlled flap bending & final pressing ensures a bubble free pasting.
- PLC control touch panel helps in storing programs for various jobs.

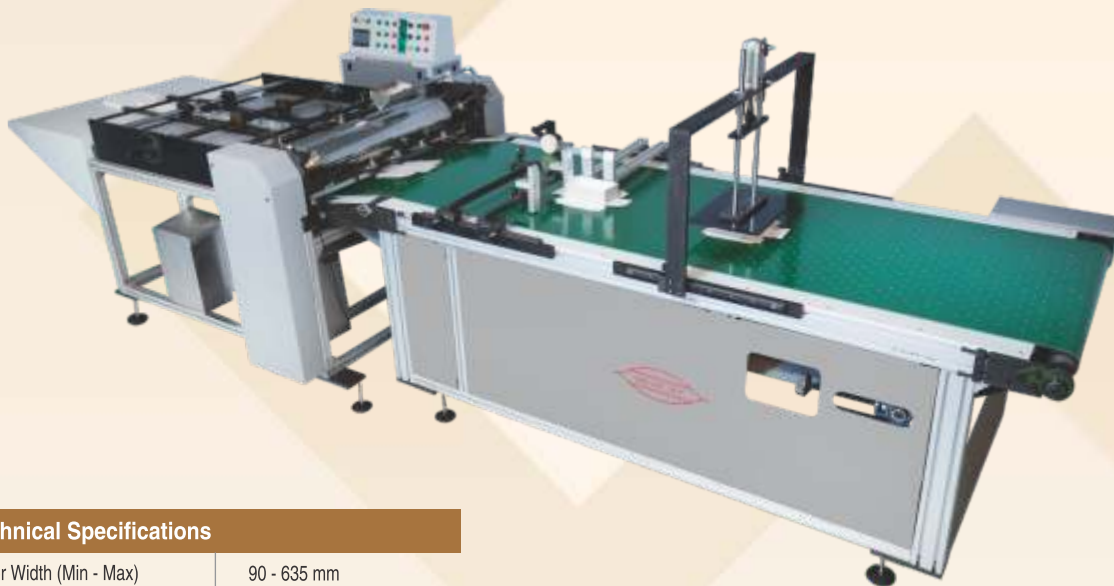
Technical Specifications

Box Size Max.	400 x 440 x 120mm
Box Size Min.	50 x 100 x 12mm
Edge Folding Depth (Min - Max)	10 - 70 mm
Speed	15 - 25 pcs/min.
Power	3 KW / 220 Volts / 50 Hz
Dimension (L x W x H)	1100 x 800 x 2000
Weight	700 Kgs.

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



Semi Automatic Gluing Machine with Conveyor



Technical Specifications

Paper Width (Min - Max)	90 - 635 mm
Paper Length (Min - Max)	200 - 800 mm
Paper Thickness	90-300 gsm
Speed	7 - 30 pcs / min
Power	7.5 KW / 380 Volts / 50 Hz.
Dimensions (L x W x H)	4400 x 1700 x 1400 mm
Net Weight	650 kgs.

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

"Memory" Gluing Machine with Conveyor is design for short & medium run jobs.

- The Gluing Machine consists of 2 meters conveyor belt with suction hold, both side alignment station for paper feeding,
- PLC based control panel with optical sensor, Linear Guide Rail for front & back gauge (on conveyor) for Box feeding and pneumatically controlled Pressing Station for Box placement.

Optional : Pressing Station with twin set of Silicon Rollers for sheet to sheet pasting jobs.

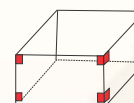
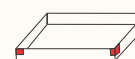
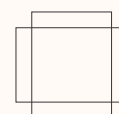
Corner Sealing Machine

The machine is designed to paste corners of the boxes with thermal tape. The machine consists of :

- Advance Clutch System
- Thermostatically Controlled Heating Device
- Foot Paddle operation for faster production

Technical Specifications

Box Size Min.	40 x 40 x 10 mm
Speed	20 - 40 pcs / min
Power	0.5 KW / 220 Volts / 50 Hz.
Net Weight	170 kgs.
Dimension	800 x 500 x 1400 mm



An ISO 9001 : 2008 Company

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