

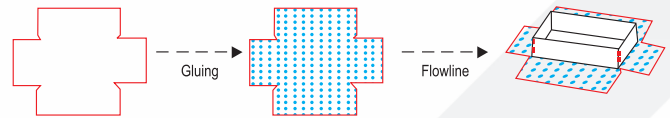
Rigid Box Making Plant



Optimum Precision

Rigid Box Making Machine

with Automatic Visual Positioning & Robotic ARM



Memory Rigid Box Making Machine is suitable to make all kinds of Rigid Boxes i.e Jewellery Boxes, Mobile phone Boxes, Sweet Boxes, Gift Boxes, Cosmetic Boxes, Watch Boxes & special Rigid Boxes for electronics etc.

Salient Features:

- The automatic paper feeder & specially designed glue system for top side gluing suitable to use hot melt & cold glue.
- Glue agitator for even mixing of hot melt glue & Cylindrically grinded Stainless Steel gluing rollers ensures even glue application on all types of cover material.
- Sturdy Aluminium profile structure with suction hold under the conveyor belt, keep the paper from deviating.
- Visual positioning system with the help of Robotic Arm & Box feeding conveyor ensures placement of the box on glued paper accurately.
- PLC based control panel with touch screen ensures ease of operation for operator.

Technical Specifications	Model 635 A
Open Paper Size (Min)	90 x 200 mm (W x L)
Open Paper Size (Max)	600 x 800 mm (W x L)
Paper Thickness	100 - 200 gsm
Grey Board Thickness	1-3 mm
Positioning Accuracy	<0.5 mm
Camera	Single Camera (6 Megapixel)
Speed	Upto 20 Pcs / Min.
Conveyor Belt	635 mm
Power	13 KW / 380 Volts / 50 Hz
Air Pressure	6 Bar (Compressed)
Dimensions (W x L x H)	2600 x 6500 x 200 mm



TFT SCREEN



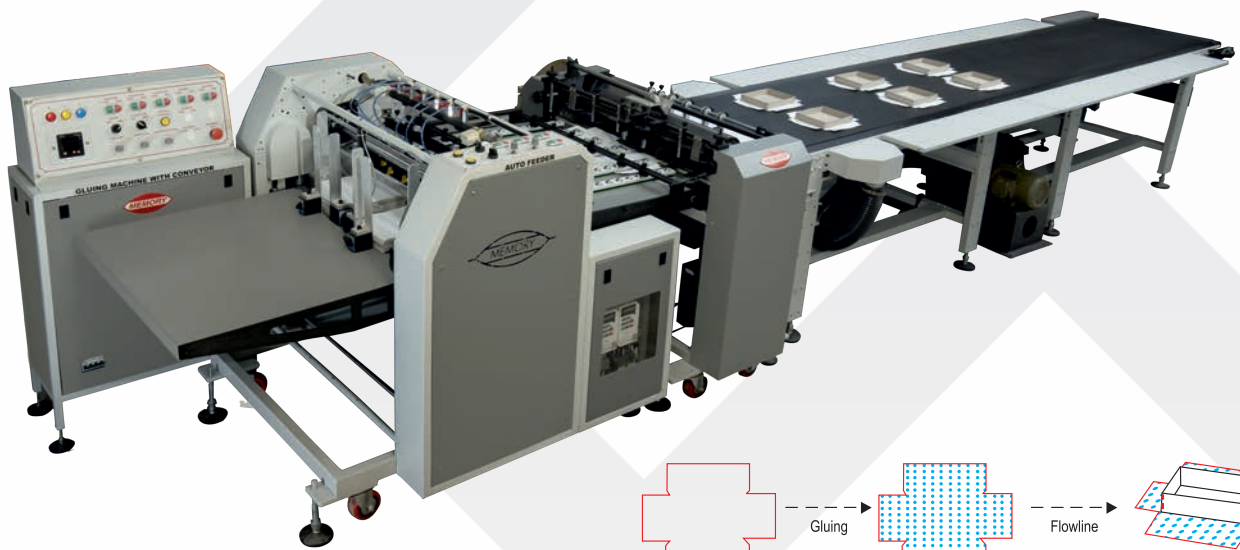
ROBOTIC ARM



PLC TOUCH CONTROL PANEL

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

Gluing Machine with Conveyor



Memory Rigid Box Making Machine is suitable to make all kinds of Rigid Boxes, i.e Jewellery Boxes, Mobile phone Boxes, Sweet Boxes, Gift Boxes, Cosmetic Boxes, Watch Boxes & special Rigid Boxes for electronics etc. The machine is designed for short & medium run jobs.

Salient Features:

- Sturdy Aluminium profile structure with suction hold under the conveyor belt, keep the paper from deviating.
- Specially designed gluing system for top side gluing suitable for Hot melt & Cold glue application.
- Cylindrically grinded gluing roller ensures even glue application on all cover materials.

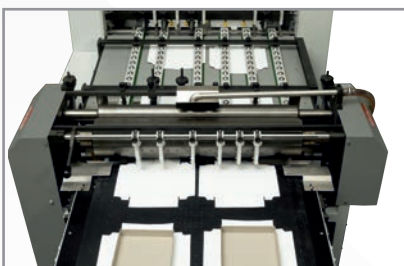
Optional :

- Silicon Rollers Pressing Station for sheet to sheet pasting jobs.
- Automatic Paper Feeder.

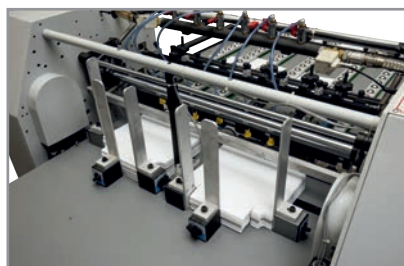
Technical Specifications	Model - A	Model - B
Paper Width (Min - Max)	90 - 635 mm	90 - 800 mm
Paper Length (Min - Max)	200 - 800 mm	200 - 800 mm
Paper Thickness	90 - 300 gsm	90 - 300 gsm
Speed	7 - 30 pcs / min	7 - 30 pcs / min
Power	12.5 KW / 380 Volts / 50 Hz.	12.5 KW / 380 Volts / 50 Hz.
Dimensions (L x W x H) without feeder	5200 x 1800 x 1100 mm	5200 x 2100 x 1100 mm
Dimensions optional with Auto feeder	6500 x 1800 x 1100 mm	6500 x 2100 x 1100 mm
Net Weight	700 kgs.	800 kgs.



CONTROL PANEL



PAPER FEEDER WITH 2 UPS PRODUCTION



AUTOMATIC PAPER FEEDER

Box Forming Machine

with Automatic Sizing



The Machine is ideal to make all kinds of Rigid Boxes i.e Jewellery Boxes, Mobile phone Boxes, Sweet Boxes, Gift Boxes, Cosmetic Boxes, Watch Boxes & special Rigid Boxes for electronics etc.

The Machine is suitable for Rigid Box Wrapping and folding process. The process involves: placement of the box on mould, side wrapping, edge folding, tucking-in and finally air pressing.

Salient Features:

- The Movements of main shaft mold stretch, wrapping, folding-in, and bubble pressing, which are all driven by double servo motors & cam boxes guarantees smooth mechanical process.
- Besides the cam for pressing the contingent bubble, there are 4 cylinders for additional bubble pressing, solving the thicker paper issue and worse glue issue.
- Folding Corner Edge is up to 80 mm as standard, or it can be customized to 150 mm, and this is controlled by rails and cylinder, which is adjustable and precise.
- Schneider PLC Control with Touch Screen interface, with Air Tac cylinder and Taiwan Brand guide rail.
- Imported optical grating transducer protects the operator from operation injury.
- Computer control with error auto stop and display.
- Folds ear, wrap, insert and form the box automatically in one cycle.
- Quick Mould change over design takes only 15 minutes to change to another job.
- Equipped with brush wheel for folding sides smoothly.
- Equipped with air pressure detector on the box inserter. The machine can't run if the box are not inserted or wrongly inserted.
- The bottom mould is pneumatic driven to prevent bubble free rigid box.

Technical Specifications	450 ZS
Max Box Size	400 x 450 x 120 mm
Min Box Size	60 x 90 x 12 mm
Max. Paper Size	580 x 850 mm
Turn in depth	10 – 70 mm
Card board thickness	0.8 – 3 mm
Surface paper thickness	100 – 200 gsm
Speed	Upto 22 Pcs. Box / Min
Power	2.25 kw / 380 volts / 3 phase
Air Supply	10 L/ Min, 0.8 Mpa
Dimensions (L x W X H)	1100 x 1000 x 2350 mm
Weight	800 kg

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

Board Grooving Machine

with Automatic Feeder



"Memory" Board Grooving Machine is suitable for Rigid Box Makers, Book Binders, Jewellery Boxes & Other Card Board Product manufacturers.

Salient Features:

- Suitable for creating "V" types groove on MDF / Card Board / Grey Boards.
- Automatic Double feeding station for Bi-directional feeding (X & Y Axis) results in higher production.
- Precise Tool positioning on linear guide rail for accurate V-Groove.
- Mechanical counter for quick reference for job setting.

Technical Specifications Model - MRS-900

Board Width (Min - Max)	200 - 812 mm
Board Length (Min - Max)	200 - 812 mm
Board Thickness	1.20 - 4 mm
Groove Distance (Min.)	100 mm between Two Knives
Max. Grooves	5 Nos.
Grooving Tool	5 Nos.
Speed	15 - 25 Meters / Minute
Power	1.5 KW / Single Phase / 50 Hz.
Dimensions (L x W x H)	1730 x 1370 x 1240 mm
Net Weight	525 Kgs.



Two ups Board Feeder for X & Y Axis



Continous Board Feeder



Control Panel

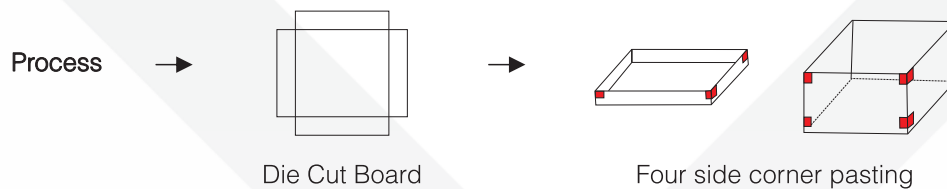
Corner Tapping Machine



Salient Features:

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



An ISO 9001 : 2015 Company



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