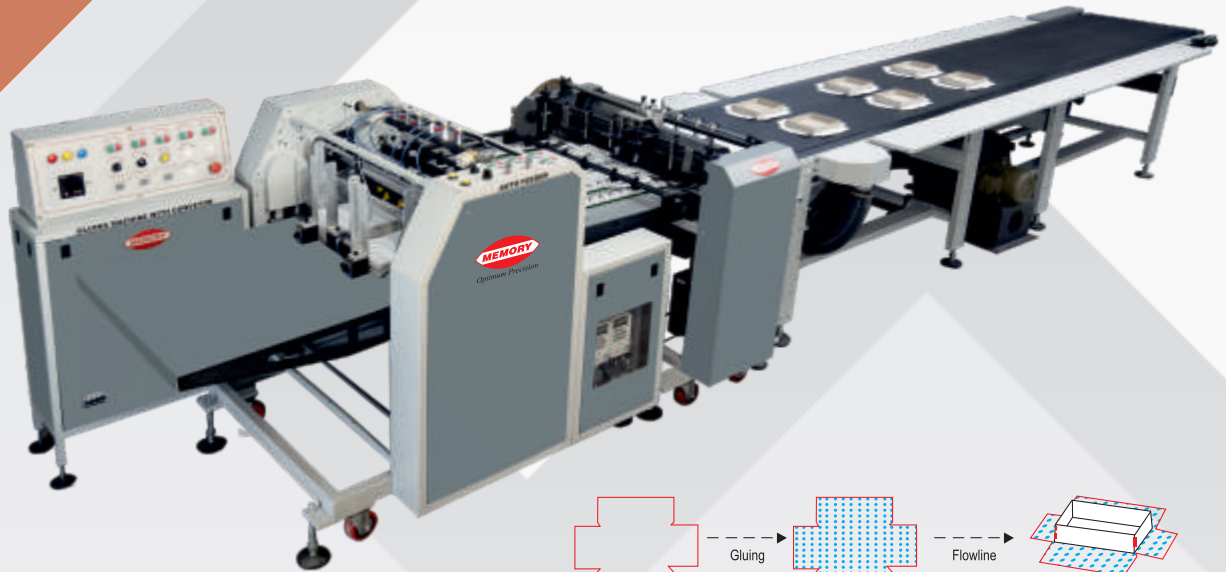


Semi - Automatic
Rigid Box Making
Plant



Optimum Precision

Gluing Machine with Conveyor & Two ups Paper Feeder



Memory Rigid Box Making Machine is designed for shot & medium runs high end Rigid Boxes. Machine is suitable for production of rigid boxes for multiple applications like : Electronic products, Mobile Phone, Mobile Accessories Jewellery Boxes, Cosmetics, Watches, Gift Boxes, Sweet Boxes, Shoe Boxes etc.

Salient Features:

- Sturdy mild steel 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.
- Cold Glue Tank.

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

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 / Minute	7 - 30 pcs / Minute
Power	12.5 KW / 380 Volts / 50 Hz.	12.5 KW / 380 Volts / 50 Hz.
Air Pressure	100 L / Minute, 0.8 MPa	100 L / Minute, 0.8 MPa
Dimensions (L x W x H) with Auto feeder (A)	6500 x 1800 x 1100 mm	6500 x 2100 x 1100 mm
Dimensions (L x W x H) with Manual feeder (B)	5200 x 1800 x 1100 mm	5200 x 2100 x 1100 mm
Net Weight	950 kgs.(A) 700 kgs.(B)	1100 kgs.(A) 800 kgs.(B)

Gluing Machine with Conveyor Manual Feeder



Box Forming Machine

with Automatic Sizing

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
Board thickness	0.8 – 3 mm
Paper thickness	100 – 200 gsm
Speed	Upto 22 Pcs. Box / Minute
Power	2.25 kw / 380 volts / 3 phase
Air Supply	140 L / Minute, 0.8 Mpa
Dimensions (L x W X H)	1100 x 1000 x 2350 mm
Weight	800 kgs.

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



Salient Features:

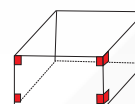
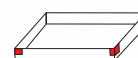
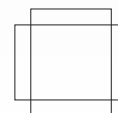
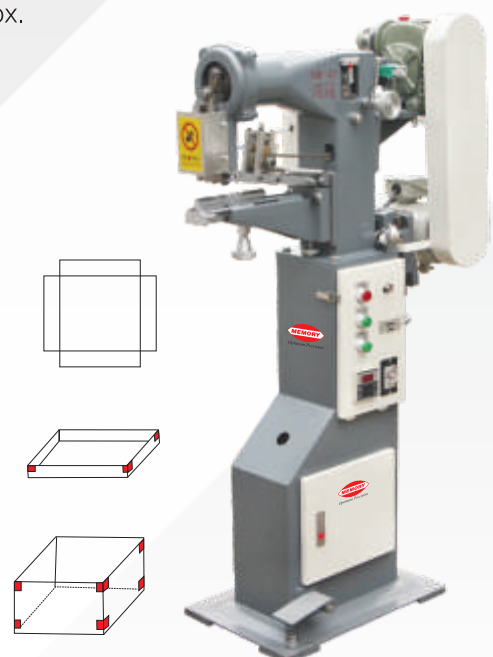
- The Movements of main shaft mold stretch, wrapping, folding-in, and bubble pressing, which are all driven by double servo motors & cam boxes guarantees smooth mechanical process.
- Besides the cam for pressing the contingent bubble, there are 4 cylinders for additional bubble pressing, solving the 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.

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



Board Grooving Machine

with Two ups Auto-Feeder
(Flat Type)

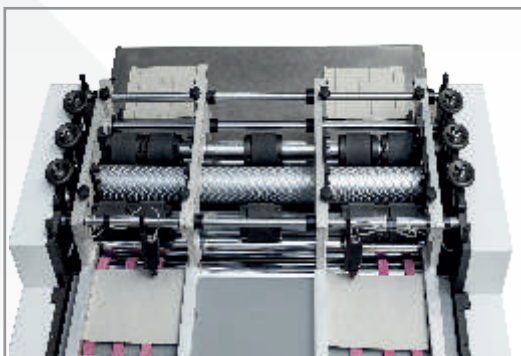


"Memory" Board Grooving Machine is suitable for Rigid Box Makers, Book Binders, Jewellery Boxes & Other Card Board Product manufacturers.

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 job change over & setting.
- Sheet Counter with photo electric sensor.

Technical Specifications	Model - MRS-900F
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



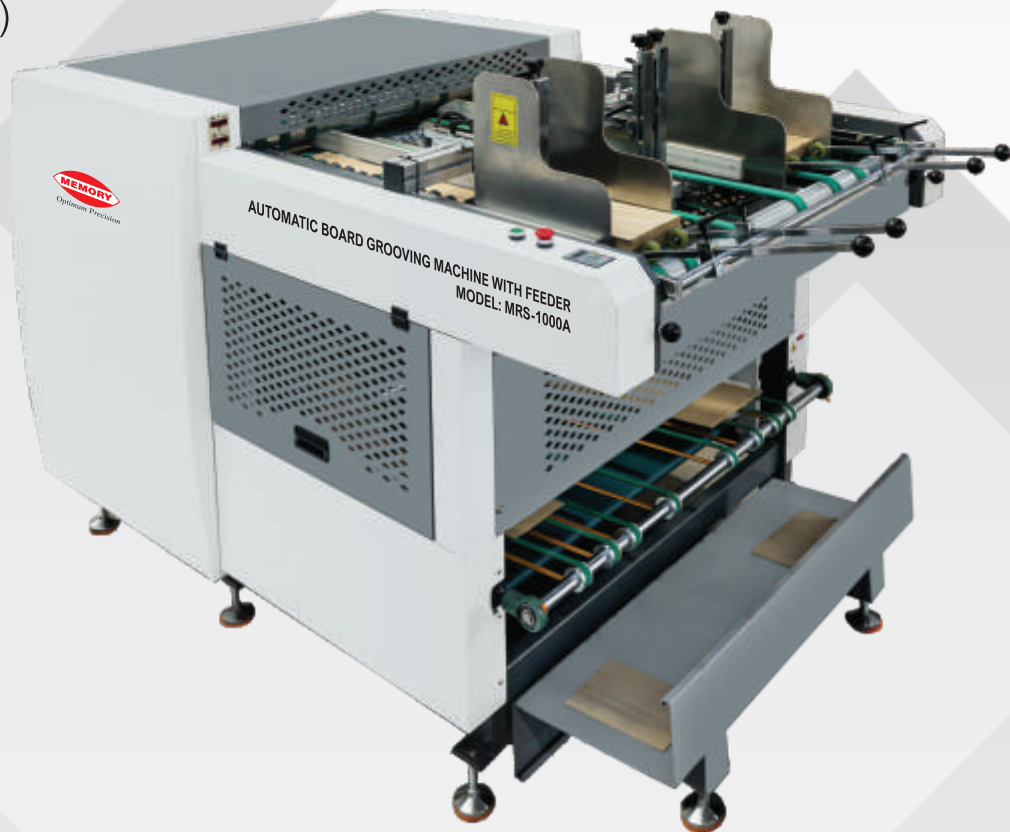
Continuos Board Feeder



Control Panel

Board Grooving Machine

with Two ups Auto-Feeder
(Drum Type)

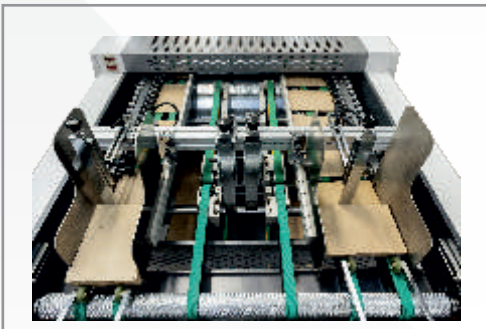


Automatic Board Grooving Machine is suitable for Rigid Box Makers, Book Binders, Jewellery Boxes & Other Card Board Product manufacturers.

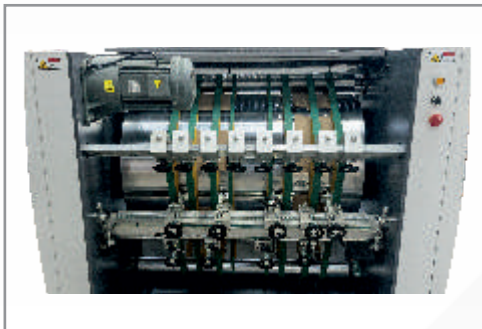
Salient Features:

- Suitable for creating “V” types groove on MDF / Card Board / Grey Boards.
- Automatic Double feeding station for Bi-directional groove (X & Y Axis) results in higher production.
- Precise Tool positioning on linear guide rail for accurate V-Groove.
- Durable Imported Tungsten Steel Blade.
- Groove Board delivers on separate conveyor belt Insures the waste falls on the lower conveyor belt and transported to rear waste area.
- Scale reference for quick job change over and setting.
- Sheet Counter with photo electric sensor.

Technical Specifications	Model - MRS-1000A
Board Width (Min - Max)	120 - 950 mm
Board Length (Min - Max)	50 - 500 mm
Board Thickness	300gsm - 4.0 mm
Groove Distance	0 - 830 mm
Max. Grooves	9 Nos.
Groove Degree	80° - 140°
Speed	10 - 35 Meters / Minute
Accuracy	± 0.1 mm
Power	2.5 KW / 380 Volts / 50 Hz.
Dimensions (L x W x H)	2100 x 1500 x 1350 mm
Net Weight	1200 Kgs.



Two ups Auto Feeder for X & Y Axis



Grooving Tool



Knife Grinder

Board Grooving Machine

Manual Feeding
(Drum Type)

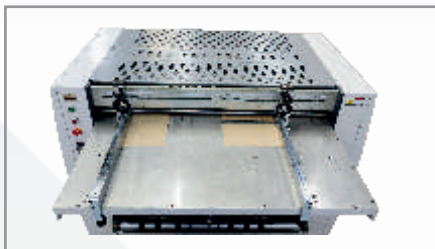


Manual Board Grooving Machine is suitable for Rigid Box Makers, Book Binders, Jewellery Boxes & Other Card Board Product manufacturers.

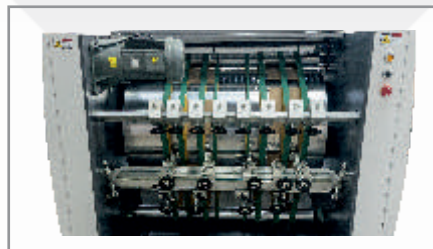
Salient Features:

- Suitable for creating "V" types groove on MDF / Card Board / Grey Boards.
- Manual feeding for Bi-directional groove (X & Y Axis) results in higher production.
- Precise Tool positioning on linear guide rail for accurate V-Groove.
- Durable Imported Tungsten Steel Blade.
- Groove Board delivers on separate conveyor belt Insures the waste falls on the lower conveyor belt and transported to rear waste area.
- Scale reference for quick job change over and setting.
- Sheet Counter with photo electric sensor.

Technical Specifications	Model - MRS-1000M
Board Width (Min - Max)	120 - 950 mm
Board Length (Min - Max)	100 - 900 mm
Board Thickness	300gsm - 4.0 mm
Groove Distance	0 - 830 mm
Max. Grooves	9 Nos.
Groove Degree	80° - 140°
Speed	10 - 25 Meters / Minute
Accuracy	± 0.1 mm
Power	2.5 KW / 380 Volts / 50 Hz.
Dimensions (L x W x H)	1500 x 1300 x 1300 mm
Net Weight	1000 Kgs.



Two ups Manual Feeding



Grooving Tools



Knife Grinder

MEMORY

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