

**AUTOMATION**  
for the **Packaging Industry**

**ample**

Graphics Pvt. Ltd.

**CORRUGATION**



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## CORRUGATION: 2-Ply Line Equipment



### Fingerless Adsorption Single Facer

- » Options for Electric, steam and thermic fluid heating available
- » 280 mm cylinder circumference
- » Designed speed of up to 100 m/min
- » Effective sheet length of 1400 mm to 1800 mm
- » Flute profile of A, B, C, E, F, G & N
- » Corrugation roll made of special steel alloy of 48 CrMo. Option of Tungsten available
- » Multiple design options for flute size & shape
- » Pneumatic control of lifting and lowering of upper roll, press roll & gluing roll
- » Paper guide with vacuum suction for perfect flute shape at high speeds
- » Auto circulating glue feeding system
- » Options of 320 mm cylinder & cassette type system available



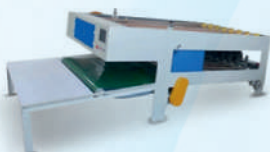
### Shaftless Paper Roll Stand

- » Maximum paper roll diameter of 1400 mm
- » Effective roll width of 1200 mm to 2000 mm
- » Shaftless
- » Motorised operations for lifting and lowering, clamping and releasing of paper roll
- » Independent pneumatic control of web tension for each roll
- » Option of heavy duty Hydraulic Roll Stand available



### Computer Sheet Cutter

- » Working width of 1800mm
- » Mechanical speed of 80m/min
- » Minimum cut length of 300mm
- » Maximum cutting length of 9000mm
- » Cutting accuracy of +/- 1.5mm
- » Full AC Synchronous Servo control
- » Main Drive motor of 3KW
- » Optional Stacker





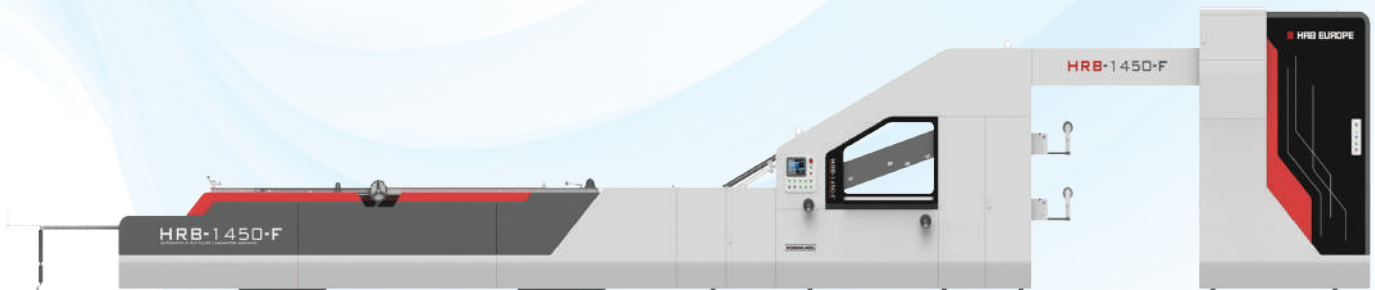
## FLUTE LAMINATORS



### HRB 1300A

#### HRB Automatic 3 ply Flute Laminators

- » Range of Manual to High speed Laminators
- » Adjustable synchronous sheet pusher for accurate control of top sheet with bottom paper
- » Suction feeding bottom device capable of supporting 3, 5 & 7 ply layers
- » Automatic glue circulating system and anilox roller for even glue application
- » Machine uses Touch-Screen / PLC / Servo Motor control system, which can automatically display failure alarms
- » Accuracy ranges from 1mm to 2mm depending on model
- » Additional size 1600 x 1250
- » B Type model also available



### HRB 1450F

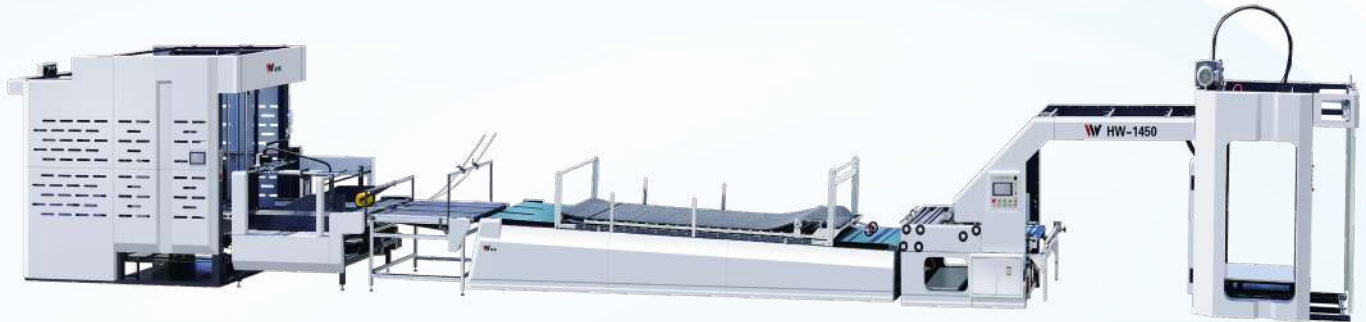
#### Fully Automatic Multilayer Flute Laminator

- » 3 Feeder System
- » Face paper handling range of 200-500 GSM
- » Both bottom paper feeder adopt vacuum sucking belt
- » Anilox Steel Roller for glue application
- » Frontlay adjustment range within 0.1MM
- » Photoelectric detector for upper & bottom paper accuracy
- » Double Pre-Pressing roller in laminating unit
- » Bottom Paper handling range – A, B, C, E, F Flute
- » Speed upto 100 Mtr / Min
- » Additional size 1300 x 1200 / 1600 x 1200
- » Speed range upto 6,000sh / hr
- » Optional Automatic Stacker





## AUTOMATIC HIGH SPEED FLUTE LAMINATOR



### HW 1450 (with Flip-Flop Stacker)

- » Servo Controlled (Yaskawa) for Higher Precision
- » Multiple Sensors to monitor top sheets movement
- » Accuracy range of 0.5-2.0MM
- » All Flute types A/B/C/E/F/G can be laminated
- » Reduced make ready time
- » Silicon coated Gluing Rollers

- » Max Size of 1450\*1450MM
- » Top Sheet of 150-600GSM
- » Laminating Speed of 150 m/min or approx. 12000sh/hr
- » Additional size 1200x1200, 1650x1650, 1900x1650
- » Flip-Flop Stacker (Optional)



### HW 1450 Max (with Flip-Flop Stacker)

- » Automatic High Speed Flute Laminator Machine
- » Max Sheet Size - 1450x1450mm
- » Min Sheet Size- 500x400mm
- » Thickness of Top Sheet -150-600gsm
- » Accuracy range - 0.5 ± 1mm
- » Main Power - 35.5 KW

- » Height of Top Paper - 1800mm
- » Height of Bottom Paper - 400mm
- » All Flute Type - A/B/C/D/E/F
- » Flip-Flop Stacker (Optional)
- » Additional size 1700x1650
- » Laminating Speed of 120 m/min or approx. 8,000sh/hr



## CORRUGATION EQUIPMENT



### Semi-Automatic Printing Slotting Die-Cutting Machine

- » Chain Feed with auto counting
- » Can be run in any combination of 1 to 4 colours
- » Pneumatic ink suction systems saves ink and is easy to clean
- » 360 degrees electric planetary gear adjustment of slotting wheels.
- » Slotting parts are designed in special steel forgings for long life.

### Fully-Automatic Printing Slotting Die-Cutting Machine

- » Machine is manufactured for high reliability, accuracy and safety.
- » Capable of Rapid order change and convenient operation.
- » Automatic Zero Set
- » High hardening of drive gears



### BFD

- » Thin Blade Slitter & Scorer



### RS4

- » Rotary Slotter Machine

## FOLDER GLUER MACHINE



**BZX**  
(Semi-Automatic Pressure Folder Gluer)



**HRB-2800**  
**Semi-Auto Folder**  
**Gluer Machine**



**Double Piece**  
**Gluer Machine**

### Double Piece Gluer Machine

- » It uses double servo motor for side registration with analog-to-digital conversion
- » The paper feeding part adopts two lifting and two forwarding
- » Coating with double channel glue, hot melt adhesive and ordinary sealing glue, respectively
- » This machine can do the flat box and special-shaped box
- » It is a dual-purpose machine, double box and monolithic box all can be produced (depends on models & envelope design).

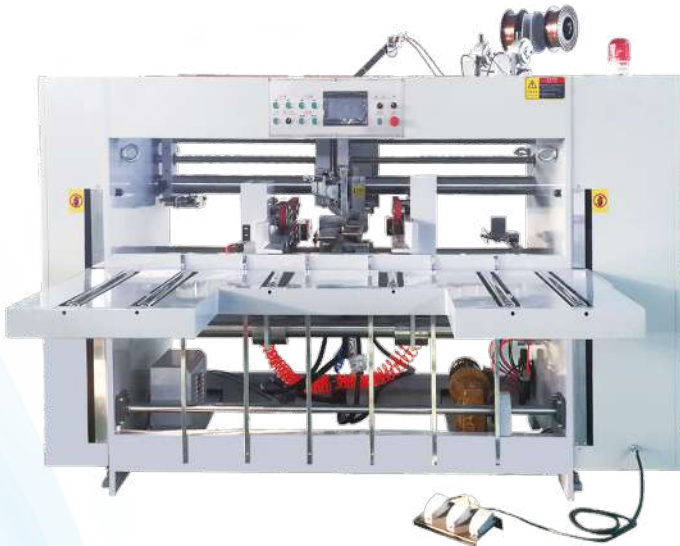
### HRB-2800 Semi-Auto Folder Gluer Machine

- » This machine is designed for manual folding and feeding, automatic glue application.
- » Working table up and down automatically. It is controlled by photo electricity facility with features of convenience and easy operation.
- » Glue application assembly and both side block can be moved for adjustment conveniently and fast.
- » The order size setting can be finished within 1 minute.
- » The cam-linkage mechanism drive auto-emendation section by fan shape forwarding to enable good box sticking and good order output.
- » The strong wind blower work on box vertically to make sure nice box sticking.
- » After auto-emendation section there are another four pressure rollers with dia.60mm to keep output thickness looking better.
- » The output section is equipped with detective photo electricity. Customer can set each lot order quantity ranging from 1 pc to 20 pcs, then the finished output will be delivered, which can save labour and accurate quantity.





## STITCHING & FOLDER GLUER

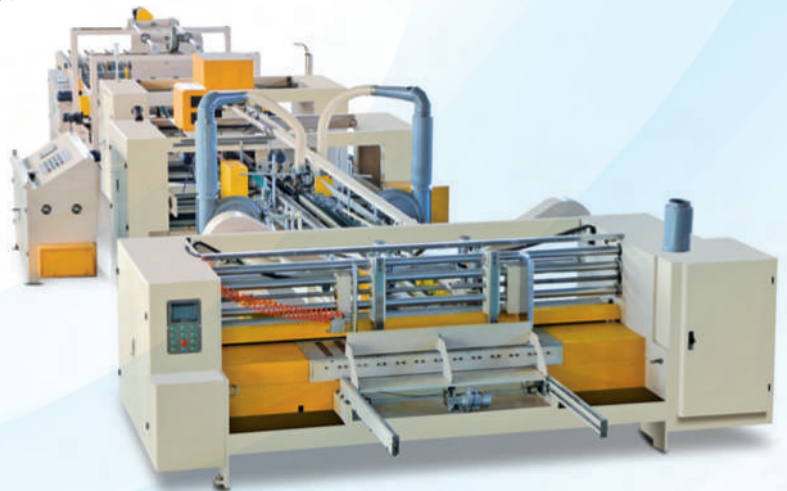


### Semi-Automatic Box Stitcher

- » Can enable stitching of single, double or multiple staples
- » Size change within a minute
- » Auto counter at feeder
- » Adopts 4 servo motors
- » Suitable for 3/5 ply box
- » Adjustable stapling distance of 30-120mm
- » Working speed of upto 500 staples / min

### Fully-Automatic Box Stitcher

- » Vacuum suction front belt for accurate feeding.
- » PLC controlled feeding
- » Working speed of upto 800 staples / min
- » Suitable for 3/5 ply box. 7 ply as optional attachments.
- » Power requirement of 60KW



### Automatic Folder Gluer for Corrugated Box

- » Specially for Corrugated Boards
- » Adapted for A, B, C, AB flute in 3 & 5 Layers - suitable for 2-8mm thickness
- » Automatic Stacking & Counting
- » High Reliability, adjustment glue quantity, easy cleaning
- » Creasing rectification device • Vacuum suction feeding • High speed of 200m / min



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## ample

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