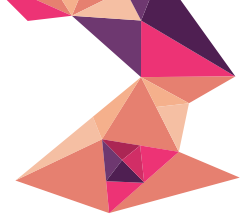
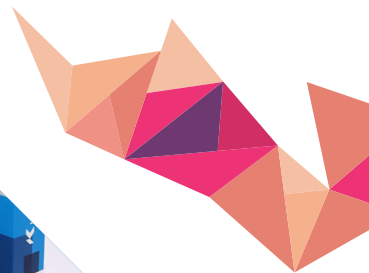


**AUTOMATION**  
for the **Packaging Industry**



**ample**

Graphics Pvt. Ltd.



[www.amplegraphics.in](http://www.amplegraphics.in)



## ABOUT US

**I**n the nearly ten years since its inception, Ample Graphics Pvt Ltd. has emerged as a leading name in the paper packaging industry. Founded by the dynamic duo, Rajeev Jagga and Sachin Kala, the company has been committed to delivering value-for-money capital equipment solutions. With each founder bringing a wealth of expertise in their respective fields. Rajeev, with his extensive background in business and finance, complemented Sachin's deep understanding of market dynamics and customer needs. Their combined expertise has been the driving force behind the company's success.

Since its founding, Ample Graphics has achieved remarkable milestones, solidifying its position as a top equipment supplier in the Indian market. The company's journey began with a clear vision of bridging the gap between high-quality Chinese manufacturing and the burgeoning Indian packaging industry. Over the years, this vision has translated into over 1700 installations across the country, serving a diverse range of customers.

A key aspect of Ample Graphics' success has been its strategic partnerships with renowned Chinese manufacturers. By focusing on quality equipment in the packaging segment, the company has successfully brought these manufacturers to India, supporting customers in the middle to high spectrum of the Indian packaging market. These partnerships have not only enhanced the company's product portfolio but also ensured that customers receive the best technology and solutions available at an affordable price. The company has always prioritized finding the ideal match between Chinese manufacturers and Indian customers, particularly those looking to modernize their manual or semi-manual operations. This strategy has resulted in significant benefits for all parties involved. Customers have enjoyed modernized operations, improved efficiency, and higher productivity, while suppliers have expanded their reach and market presence.

One of the hallmarks of Ample Graphics' success has been its commitment to service excellence. The company has always invested in a qualified team of service engineers, ensuring that customers receive timely and efficient support. The geographical spread of customers has further encouraged the establishment of a service network closer to customer locations, reducing downtime and ensuring smooth operations. The consistency of brands, regular supplies of parts, and timely service have fostered strong customer loyalty. Many customers have placed repeat orders with Ample Graphics, trusting the company's ability to deliver reliable solutions that stand the test of time. This loyalty is a testament to the company's dedication to quality and customer satisfaction.

In conclusion, the story of Ample Graphics Pvt Ltd. is one of vision, innovation, and relentless pursuit of excellence. From its humble beginnings to becoming a leading name in the paper packaging industry, the company's journey is a testament to the power of strategic partnerships, customer-centric approaches, and unwavering commitment to quality. As Ample Graphics continues to evolve and grow, it remains dedicated to delivering value and excellence to its customers and partners alike.



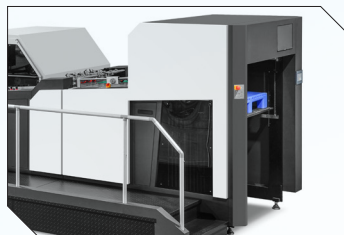
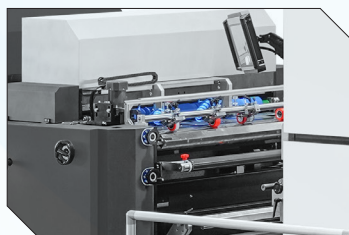
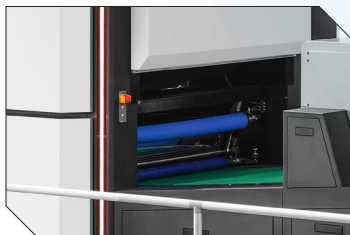
## FULLY INTELLIGENT HOT KNIFE FILM LAMINATING MACHINE

### ■ GFM1080MCRQ



#### GFM1080MCRQ

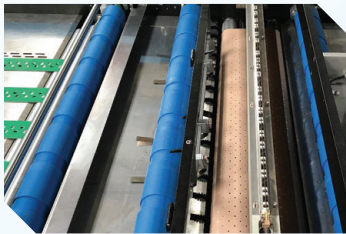
- » Fully intelligent machine is equipped with all modern automation.
- » 26 servo motors for complete automation.
- » Equipped with double servo drives on hot knife produces better finish.
- » It can laminate from 320x300mm to 1080x1200mm sheets.
- » It can laminate sheets from 80 to 600 gsm.
- » It can laminate at the speed of 100 meters per minute (depend on different substrates, requirements and specifications).





# FULLY AUTOMATIC DRY-LAMINATION MACHINE WITH HOT KNIFE

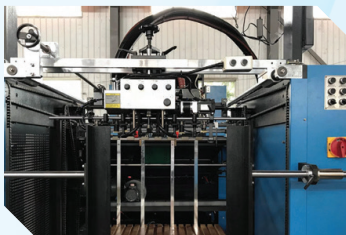
**TIANCEN** 天岑



Hot Knife Cutting



Delam Unit



Automatic paper feeder is driven by shaftless servo motor, front and rear positions of feeder can be adjusted automatically

## KFM 1080MCRZ

- » High Speed Automatic Lamination Machine with Hot Knife
- » Ideal for MetPET production with Delam feature
- » UPS System for film tension control unit
- » Pre-pile and continuous delivery
- » Speed upto 100Mtr / min handling 105-500GSM papers
- » Powder Removing Device
- » Shaft for Strip Lamination
- » Equipped with Rotary Disc Knife for BOPP Film Separation
- » Feeder capable upto 11000 sheets per hour.
- » Installed Power: 81kw (Running Power 40kw)
- » Machine Dimensions 11200 x 2900 x 3100mm
- » Glue Memory Function (Optional)

## KFM 800 MC

- » Sheet size (min): 250x250 mm
- » Sheet size (max): 800x1040 mm
- » Speed – 80Mtr / Min



## FULLY AUTOMATIC DRY-LAMINATION MACHINE WITH HOT KNIFE



▀ **LZFM-800**

### LZFM Series

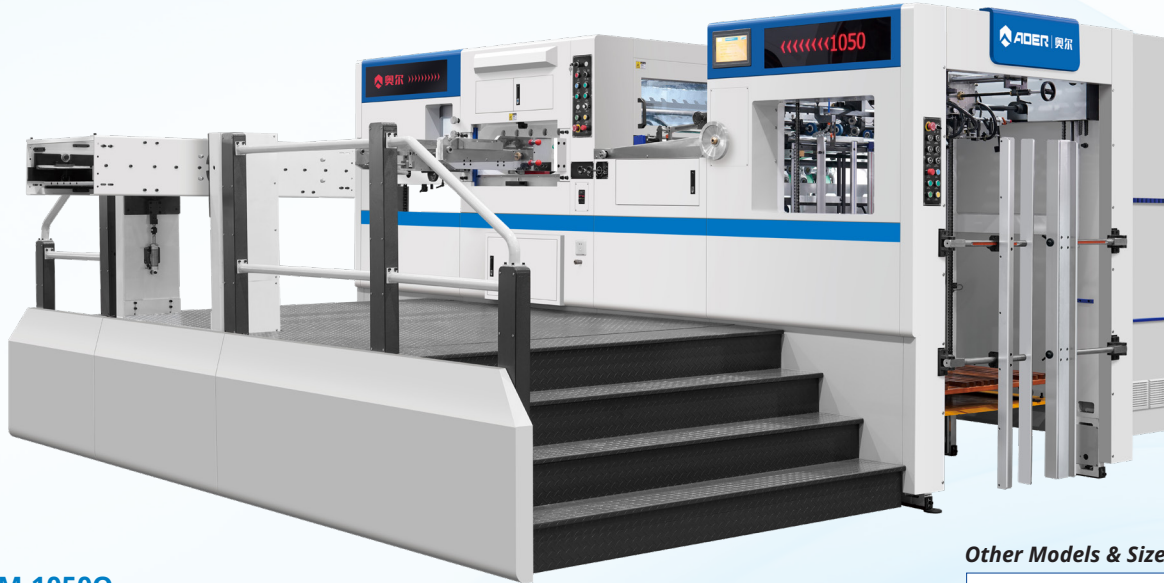
- » Ideal for use of BoPP, PET or MetPET Films
- » Automatic Feeder with Pre-pile. Side lay for aligned sheet feeding
- » Servo controller for precise overlap
- » Oil based heating system for low energy consumption
- » Individual temperature controller for drying chamber and laminating roller
- » Pneumatic control for film tension and Glue circulation. Magnetic Clutch to maintain continuous film tension.
- » Cutting blades are activated by sensor based encoder
- » Capable to handle 105-500gsm paper
- » Capable to laminate upto 8000sh per hour



▀ **LZFM 1080MC**



## AUTOMATIC DIE CUTTING MACHINES AEM-1050Q (WITH STRIPPING)



### AEM-1050Q

- » Max Size – 1050x750mm
- » For Duplex & 3 Ply cartons
- » Max Speed – 7500 S / H
- » Cutting Accuracy – 0.1mm
- » Total Power – 17.8KW
- » Weight – 16T
- » Max Pressure – 300T
- » Available in big size 1350/1500/1650
- » Semi Automatic/Bottom Feeder/Lead Edge



### Other Models & Sizes Also Available



## PLATEN DIE CUTTING MACHINES

### OTHER SIZES ALSO AVAILABLE

### TYMA-930Q

- » With Hot Foil attachment



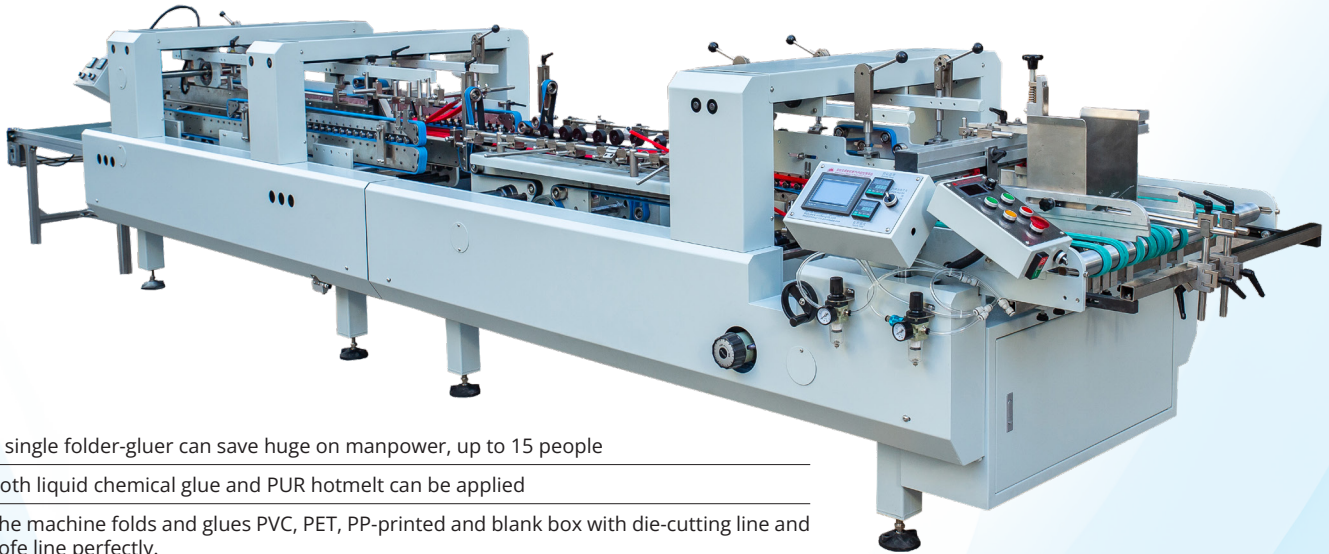
### 3-ML930AJ

- » With Heated Plate
- » attachment for PVC Sheets





## FULLY AUTOMATIC PLASTIC BOX FOLDER GLUER MACHINE



- » A single folder-gluer can save huge on manpower, up to 15 people
- » Both liquid chemical glue and PUR hotmelt can be applied
- » The machine folds and glues PVC, PET, PP-printed and blank box with die-cutting line and Sofo line perfectly.
- » The machine is equipped with high quality variable frequency motor to adjust the speed and stable performance at high speed
- » It is easy to operate; one hexagon wrench can adjust most parts.

## STRIPPING MACHINE



### HW 1080

- » Max Sheet Size – 1080\*780mm
- » Max Product Size – 400\*200
- » Stripping Height – 40-120
- » Speed – 1-2 /min
- » Voltage – 380/50HZ
- » Machine weight – 3.5 ton
- » Overall Dimension – 2000x1700x1950



### DHAG 1080

- » Max Sheet Size – 1080\*780MM
- » Max Product Size – 420\*280MM
- » Stack height – 120MM
- » Speed – 20 strokes / min
- » Double Head, Pin type  
(model with mould attachment also available)
- » Single & 3-head options also available.
- » Optional Single/Double Robotic Arm with exit conveyor.





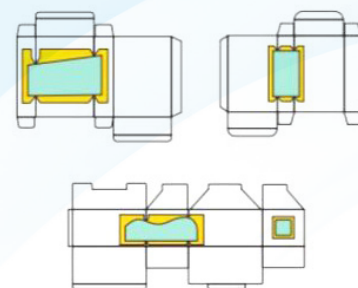
## FULL SERVO HIGH SPEED WINDOW PATCHING MACHINE

**锋麦机械**  
FUREMAN



### Full Servo High Speed Window Patching Machine

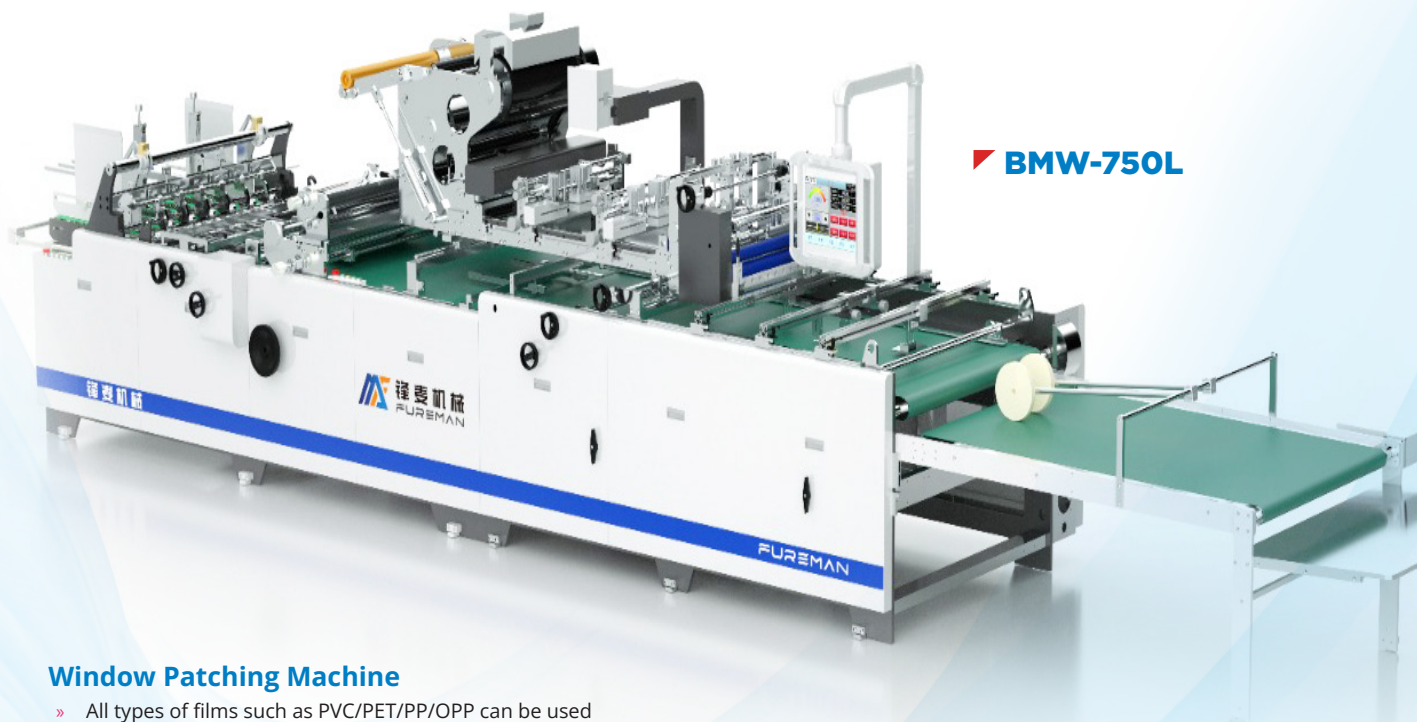
- » All Type of Film such as PVC/PET/OPP can be used
- » The Machine is equipped with 9 servo motors
- » Capable of making creasing, V-notch shape punch (using cutting moulds) and embossing
- » Film Thickness ranging from 0.03 – 0.25mm
- » Peculiar gluing assembly avoids glue on belt in case of on paper
- » The machine is available in 3 models FMX-850 HST – 1150 HST – 1300 HST
- » The Speed range from 3000-36000 Sheet an Hour
- » Model with dual lane also available
- » Paper Thickness Corrugated board : < 5mm Cardboard 200-2000g/m<sup>2</sup>
- » Can use preprinted film (optional feature)



Model	FMX -850HST	FMX-1150 HST	FMW-1300 HST (Double Line Model)
PAPER SIZE	W850mm x L850mm – W150mm x L180mm	W1150mm x L900mm – W180mm x L180mm	W1300mm-L900mm – W180mm x L180mm
FILM SIZE	W450mm x L450mm – W30mm x L50mm	W700mm x L450mm – W30mm x L50mm	W800mm x L450mm – W30mm x L50mm
PAPER THICKNESS	Cardboard: 200-2000g/m <sup>2</sup> Corrugated Board: 1-6mm	Cardboard: 200-2000g/m <sup>2</sup> Corrugated Board: 1-6mm	Cardboard: 200-2000g / m <sup>2</sup> Corrugated Board: 1-6mm
FILM THICKNESS	Pet: 0.03~0.25mm Pvc: 0.03~0.3mm	Pet: 0.03~0.25mm PVC: 0.03~0.3mm	PET: 0.03~0.25mm PVC: 0.03~0.3mm
POSITIONING ACCURACY	Top/Bottom +/- 1mm	Top/Bottom +/- 1mm	Top/Bottom +/- 1mm
MECHANICAL SPEED	3000-36000 sheet/hour	3000-36000 sheet / Hour	3000-36000 Sheet / hour
V-NOTCH SPEED	upto 12000 sheets/hour	upto 12000 sheets/hour	upto 12000 sheets/hour
POWER VOLTAGE	380v/50HZ (3Phase)	380v/50hz (3 Phase)	380V / 50HZ (3 Phase)
MACHINE POWER	16KW	18.5 KW	21 KW
MACHINE WEIGHT	2850 KG	3350 KG	3550KG
DIMENSION	L6500mm x W1630mm x H1750mm	L6500m x W1900m x H1750m	L6500mm x W2050mm x H1750mm



## WINDOW PATCHING MACHINE



**BMW-750L**

### Window Patching Machine

- » All types of films such as PVC/PET/PP/OPP can be used
- » It is capable of making creasing, V-notch, special shape punch (using cutting moulds) and embossing
- » The thickness of films ranges from 0.08-0.3 mm
- » Peculiar gluing assembly avoids glue on belt in case of no paper
- » It is equipped with multi-sensor detection of each station for smooth paper handling and to improve accuracy
- » The machine is available in three models BMW-750L, BMW-920L & BMW-1050L
- » The speed ranges from 7000-7500 sheets an hour
- » (Optional) : Oil heating drum (to be used for thick films) to soften the film before cutting for improved accuracy & finish.
- » Can use preprinted film (optional feature)

Model	BMW-750L	BMW-920L	BMW-1050L
<b>PAPER SIZE</b>	W730mm x L650mm – W100mm x L150mm	W900mm x L680mm – W150mm x L150mm	W1030mm x L720mm – W180mm x L180mm
<b>FILM SIZE</b>	W330mm x L300mm – W30mm x L50mm	W380mm x L350mm – W50mm x L50mm	W450mm x L400mm – W50mm x L60mm
<b>PAPER THICKNESS</b>	Cardboard: 200-2000 gsm/Corrugated board: 1-6mm	Cardboard: 200-2000 gsm/Corrugated board: 1-6mm	Cardboard: 200-2000 gsm/Corrugated board: 1-6mm
<b>FILM THICKNESS</b>	0.1–0.3mm (Heating 0.4mm)	0.1–0.3mm (Heating 0.4mm)	0.1–0.3mm (Heating 0.4mm)
<b>POSITIONING ACCURACY</b>	Top/bottom +0.5mm & left/right +/-0.1mm	Top/bottom +0.5mm & left/right +/-0.1mm	Top/bottom +0.5mm & left/right +/-0.1mm
<b>MECHANICAL SPEED</b>	Up to 7500 sheets/hour	Up to 7500 sheets/hour	Up to 7000 sheets/hour
<b>POWER VOLTAGE</b>	380V/50HZ (3 phase)	380V/50HZ (3 phase)	380V/50HZ (3 phase)
<b>MACHINE POWER</b>	10.5KW (Heating 16.5KW)	11.5KW (Heating 17.5KW)	13.5KW (Heating 19.5KW)
<b>MACHINE WEIGHT</b>	3000KG	3300KG	3700KG
<b>DIMENSION</b>	7500mm x W1450mm x H1750mm	L7500mm x W1620mm x H1750mm	L8000mm x W1750mm x H1850mm

## FULLY AUTOMATIC RIGID BOX MAKING MACHINES



### LY-HB3000CQ



### LY-HB3000CQ

- » The equipment adopts high-precision visual positioning parts with the accuracy of  $\pm 0.05\text{mm}$ .
- » The whole equipment uses intelligent PLC control and features in simple operation and friendly human-machine interface.
- » This equipment is suitable for the production of mobile phone boxes, cosmetics boxes, jewelry boxes, moon cake boxes, tea boxes and other boxes.
- » With the production speed up to 50pcs/min.
- » The equipment can produce lid and tray at the same time, saving space. The production balance rate of rigid boxes reaches 100%.
- » Equipped with Double Feeder, Double Positioning & Double Forming. Can be used to make Top & Bottom parts together.



### LY-HB1500CZ

### Intelligent High Speed Automatic Sleeve Making Machine

- » Intelligent High Speed Automatic Sleeve Making Machine to produce Top or Bottom Sleeve at a time
- » Fast speed, high precision production speed of 32 pcs / min.
- » Full servo control, one-button mode for quick job change
- » With memory storage function for upto 1000 data
- » No need to replace the blade, brush, pressure plate, reduce the cost of spare parts





## FULLY AUTOMATIC RIGID BOX MAKING MACHINES



**LY1200CM**

### LY-850DN/LY-850DM

#### (Automatic Double Positioning Machine)

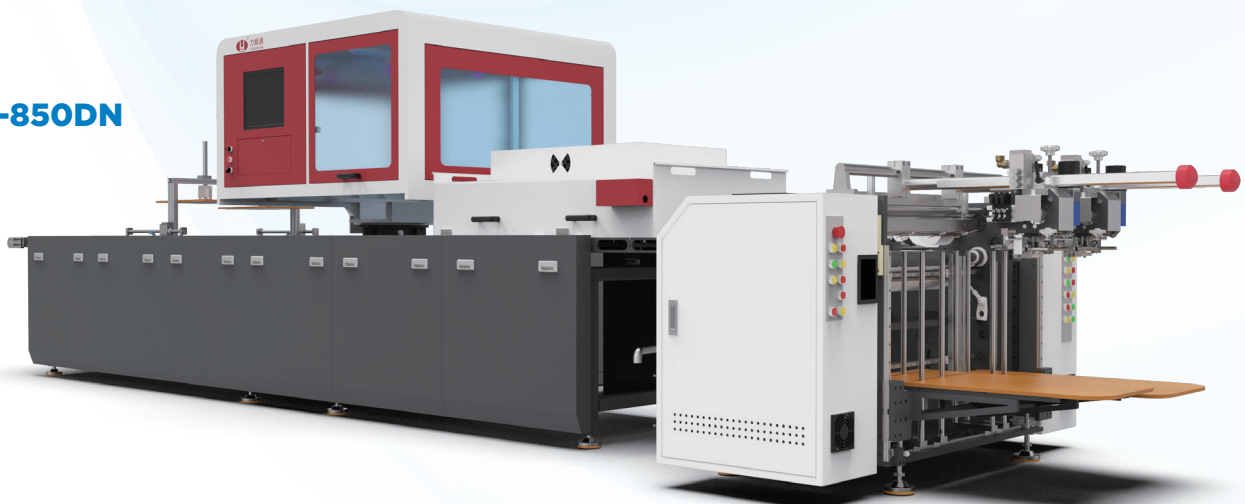
- » It is suitable for high quality gift box which need gluing, boxes for mobile; cosmetic; jewellery, watches, wine, cigarette and other packaging
- » It can manufacture boxes from 45x45x10mm to 1000x500mm
- » maintain speed from 20-40 pcs/min (double positioning)
- » and 15-30 pcs/min (single positioning)
- » Positioning part is a separate module with positioning accuracy of  $\pm 0.05\text{mm}$
- » LY-850DN : multi format positioning (including case making)

### LY1200CM

#### (Intelligent Automatic Rigid Box Making Machine)

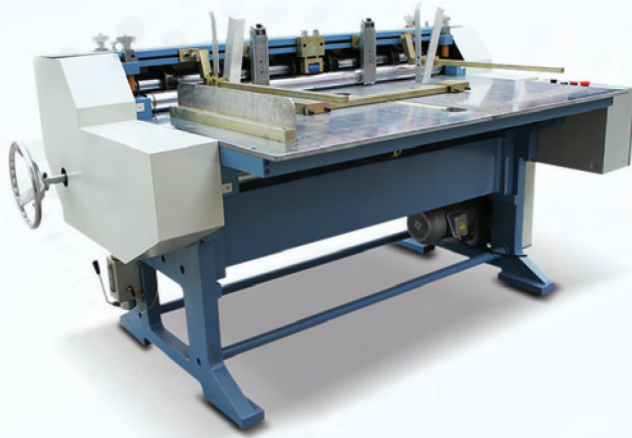
- » Applications can include mobile phone boxes, gift boxes, cosmetic boxes, watch boxes, slanting boxes
- » Adopts PLC and man-machine control, camera tracing system
- » It can automatically feed cover paper, feed grey board, paste four corners, spot grey board, lift box, wrap box, fold edges and form boxes
- » It produces 25-30 pcs/minute with positioning accuracy of  $\pm 0.05\text{mm}$
- » The spot unit adopts a German camera with 10 million pixels and robot arm to pick and spot the grey board.
- » The forming unit employs a Japan ABBA linear slider and virtual cam driving system.

**LY-850DN**

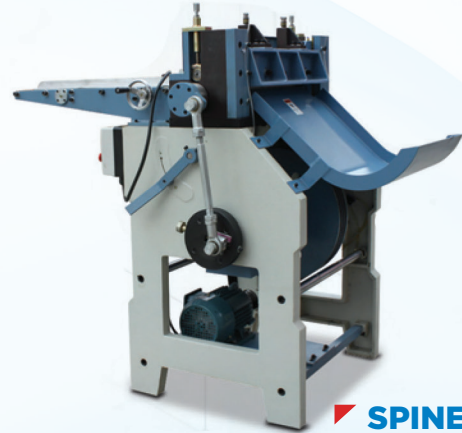




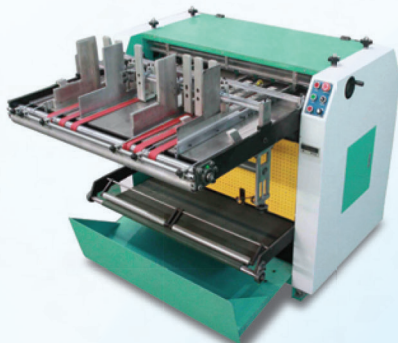
## SEMI AUTOMATIC RIGID BOX MAKING LINE



▶ **BOARD CUTTER**



▶ **SPINE  
BOARD  
CUTTER**



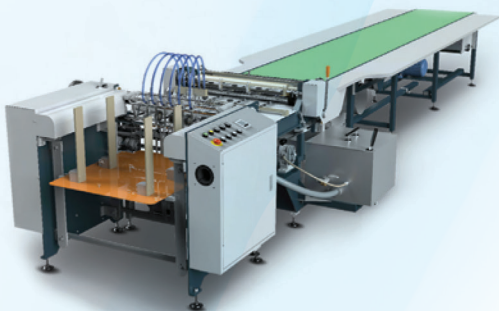
▶ **GROOVING  
MACHINE**



▶ **MANUAL  
TAPING  
MACHINE**



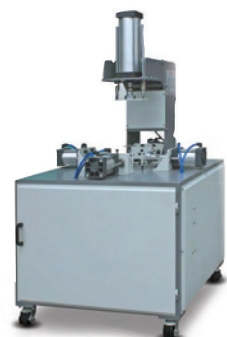
▶ **4 CORNER  
TAPING  
MACHINE**



▶ **GLUING  
MACHINE**



▶ **SMART BOX  
FORMING  
MACHINE**



▶ **BUBBLE  
PRESSING  
MACHINE**



## SEMI AUTOMATIC RIGID BOX MAKING LINE



▀ **AUTOMATIC CASE  
MAKING MACHINE**



▀ **VISUAL  
POSITIONING UNIT**



▀ **AUTOMATIC  
MAGNET ATTACHMENT  
MACHINE**



▀ **BOX  
ASSEMBLY  
MACHINE**



▀ **IRON SHEET  
PASTING MACHINE**



▀ **HOLE  
DIGGING  
MACHINE**



▀ **MAGNET  
PASTING  
MACHINE**





## RIGID ROUND BOX MAKING MACHINES



▀ **ROUND BOX PAPER  
TURN IN MACHINE**



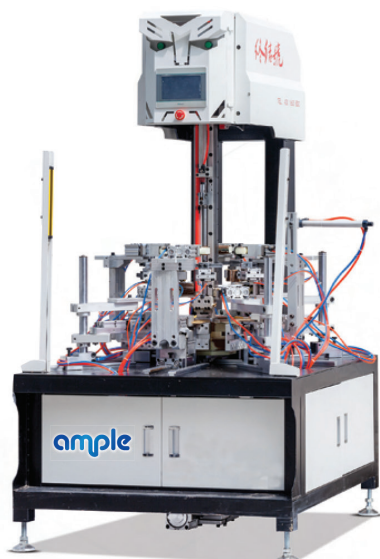
▀ **ROUND BOX PAPER  
MACHINE**



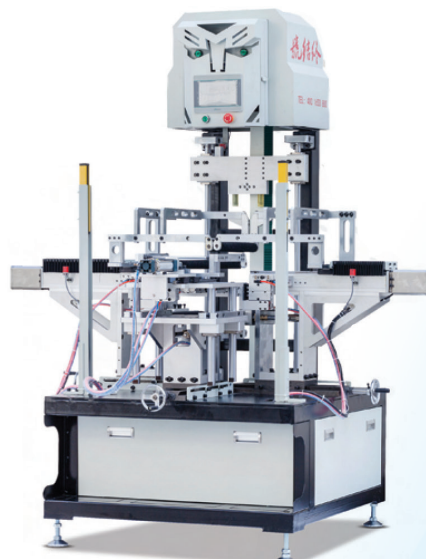
▀ **ROUND BOX BOTTOM  
PRESSING MACHINE**



▀ **RIGID BOARD  
CURLING MACHINE**



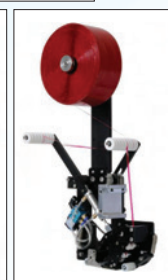
► **POLYGONAL SIDE BOX WRAPPING MACHINE**



► **SLIPCASE MAKING MACHINE**



## AUTOMATIC MULTIPURPOSE TAPE APPLICATOR



### DOUBLE SIDED TAPE APPLICATION SYSTEM (TS-800/TS-1100)

- » Touch screen control system for easy operation
- » It has double side tape applicator; tear tape applicator; scotch tape applicator & others
- » Suitable for all kinds of paperboard and corrugated boxes; posters; envelopes & Online shopping boxes
- » Automatic high speed taping machine saves man power and tape
- » It can be attached on existing folder gluers; window patching machines; envelope machines & others It can
- » do more multistage, 1-8 and has different machine size and applicator size



## RIGID BOX ACCESSORY MACHINES



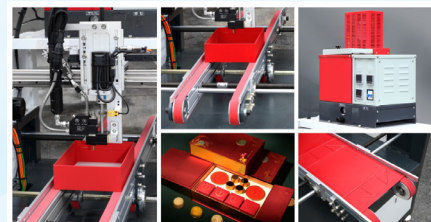
### RIBBON PASTING MACHINE

- » The equipment automatically cuts the Ribbon, applies the glue, attaches or threads the Ribbon, and kicks the box.
- » PLC Based precision alignment with 0.05MM accuracy at 20-22pcs /min.
- » Digitally controlled Ribbon length from 10-60mm with width ranging from 10-20mm.
- » Optional system to add trademarks or logos.
- » High speed, high accuracy spray gun with high speed electromagnetic valve for low consumption of glue.

### AUTOMATIC HOT STAMPING MACHINE

- » This machine is specially used for paper sheet, PVC, PU, etc automatic hot foiling in printing & packaging industry.
- » Automatic paper feeding and reciving are all controlled by servo motor with high precision, accuracy within 0.1mm
- » Foiling main shaft is driven by 1500W servo motor achieving 0-1.5 tons pressure adjustment, Foiling plate uses high precision temperature controller, thermocouple, and 400W heating plate, temperature can be controlled within 2-3 degrees.
- » Foiling paper moving is controlled by stepping motor with accuracy of 0.2mm.
- » Whole machine is operated by PLC+ Touch panel+high precision servo motor+air cylinder, with space saving design. Especially suitable for jewelry box, wallet & watch box, small hardcover, red pocket, demonstration box PVC etc.

### GLUE SPRAYING MACHINE



- » Automatic feeding, dispensing and discharging with one high-performance control system
- » Speed of 25-30pcs / min with a positioning accuracy of 0.1MM
- » Max Box size 450\*500MM and a height range of 10-120MM
- » Servo based system for high stability and high accuracy
- » Fast speed, strip spraying glue dispensing system for strong bonding and no leakage.



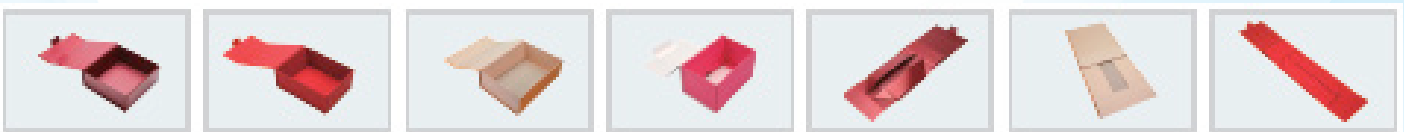


## COLLAPSIBLE BOX MAKING MACHINE

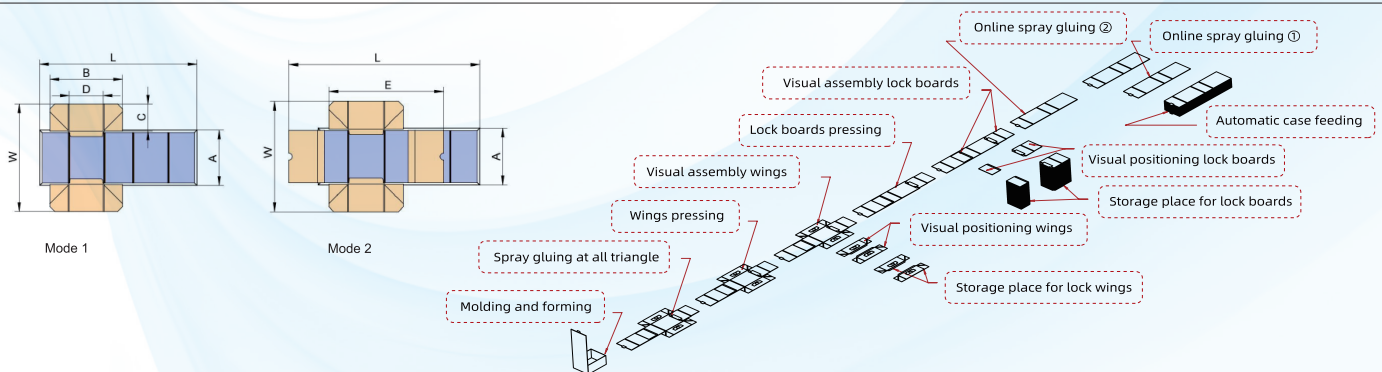


### AUTOMATIC COLLAPSIBLE BOX ASSEMBLY MACHINE

#### APPLICATION



#### EQUIPMENT PROCESS FLOW

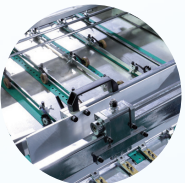
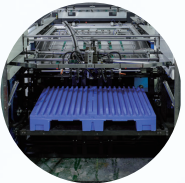


- » This is a fully automatic machine to make high-end products having high requirements. It uses two sets of push knife plate splitting mechanism.
- » The servo driven conveyor is fitted with a vacuum suction device for precise movement of the hard cover to avoid scratches.
- » The glue is applied to the hard cover while it is still travelling. Air pressure is applied to spread the glue over larger surface. This process saves about 30% of the glue.

» Speed	14-16pcs/min
» Visual deviation correction accuracy	±0.2mm
» Case Size (Max) (L*W)	1200*880mm
» Width range of case A	145-560mm
» Length of side wing B	180-650mm
» Width of side wing C	30-150mm
» Center width of side wing D	145-450mm
» Operating height	800±25mm
» Air pressure	0.5-0.8MPa
» Air consumption	Max 0.5m³/min
» Vacuum pressure	0.07 - 0.09MPa
» Air consumption	40m³/H
» Supply Voltage	380V/50Hz/3phase
» Total Power	14.5kW
» Weight	5850kg
» Machine Dimension ( L* W*H)	117800mm*2700mm*2200mm



## AUTOMATIC STOP CYLINDER SCREEN PRESS



### ST 1050 automatic stop cylinder screen press

- » It can print 1050x740mm to 560x350mm sheet
- » The maximum printing speed of 800 - 4000 p/h can raise production efficiency
- » The thickness of sheet 90 - 420 gsm
- » Accurate printing material of 0.075mm thickness
- » Machine photocell eyes refused wrong-positioned paper which makes your waste cost to be zero



### ST 1050CM cold foil and cast & cure multi-functional screen printing line

- » Max sheet size : 1050\*750mm
- » Working Speed : 800-4000 Sheet / H
- » Paper Thickness : 157-450GSM
- » Working power of UV detonation 12KW
- » Working Power of UV curing : 35 KW
- » Working Power of Cold Foil : 30 KW
- » Working Power of Cast & Cure : 30 KW
- » Power of Cooling System : 6 KW
- » Machine Size - L10150xW3000xH3270



### AD-1050 Automatic sheet stacker



### UV 1200 B curing machine





## AUTOMATIC HARD CASE MAKING MACHINE



### ST036B – Automatic Hard Case Making Machine

- » Max/Min case size – 680x400mm / 150x110mm
- » Working Speed – 600-1800 pcs / hour
- » Board Thickness – 1-5mm
- » Voltage - 380 / 220 (V), Total Power – 10.4 kw
- » Machine Weight – 4500 Kg
- » Dimension of Machine – 3600x3600x2180mm



### ST030 High speed collapsible box wing making machine

- » Max / Min side wing size – 800x160mm / 200x50mm
- » Side wing thickness – 0.03-3mm (250-1500g)
- » Cover Thickness – 70-200gsm
- » Accuracy -  $\leq \pm 0.25$ mm
- » Voltage - 380/220V, Machine Power – 10.4 KW
- » Weight – 3500 KG
- » Dimension of machine - 6900x3200x2050mm





## 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



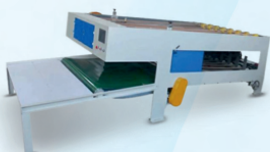
### Shaftless Paper Roll Stand

- » 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



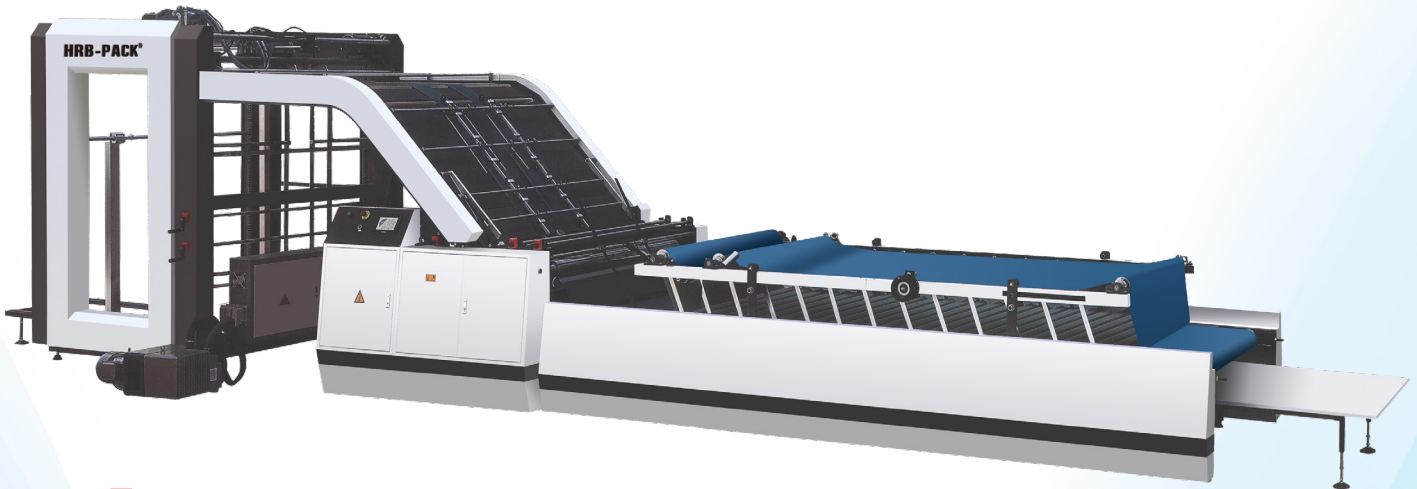
### Computer Sheet Cutter

- » 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





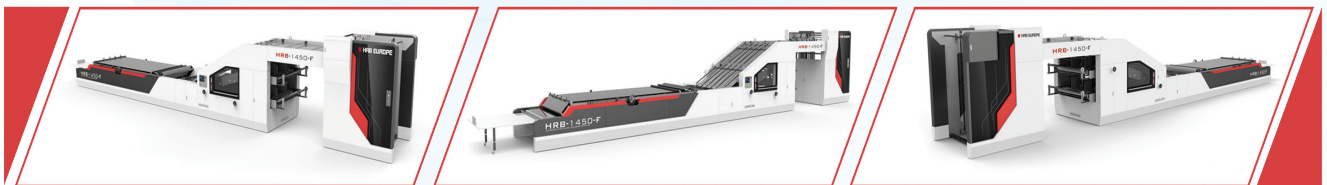
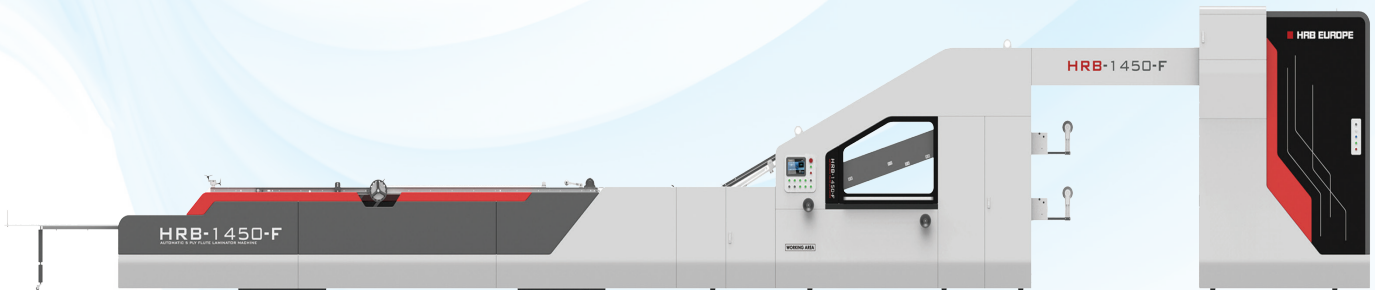
## FLUTE LAMINATORS



### 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



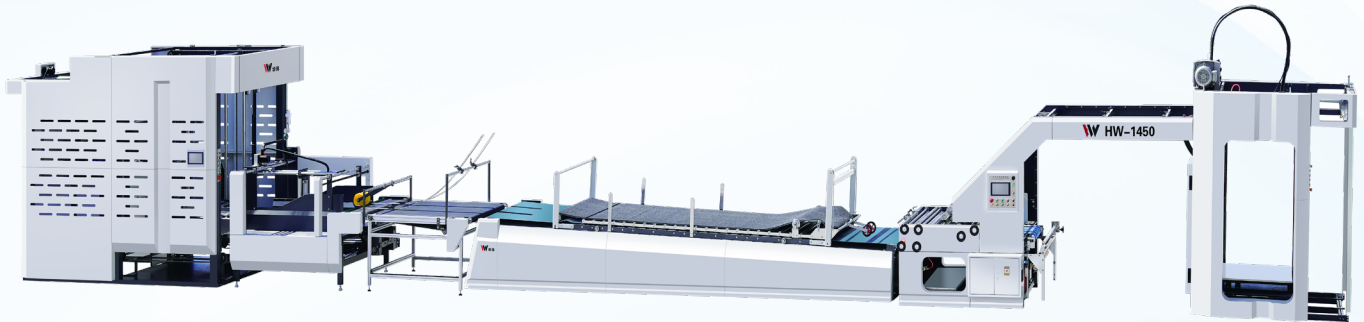
### HRB 1450F

#### 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

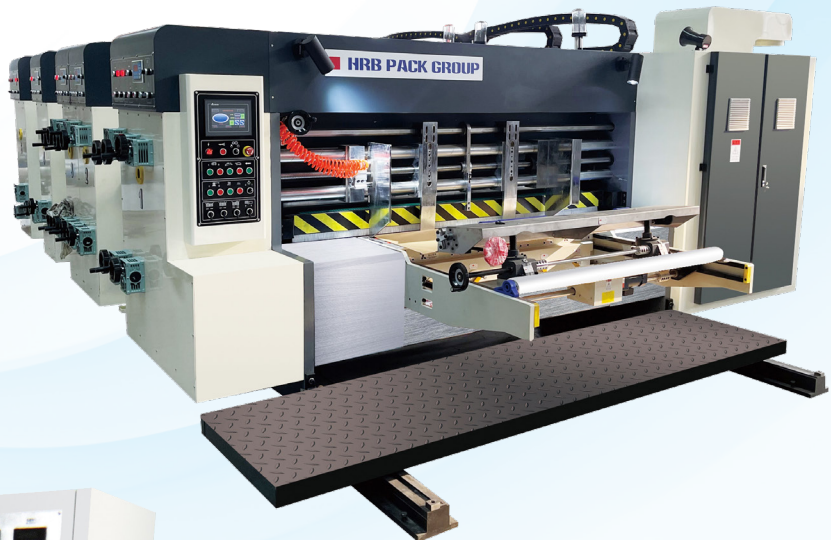


### Semi-Automatic Printing Slotting Die-Cutting Machine

- » 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

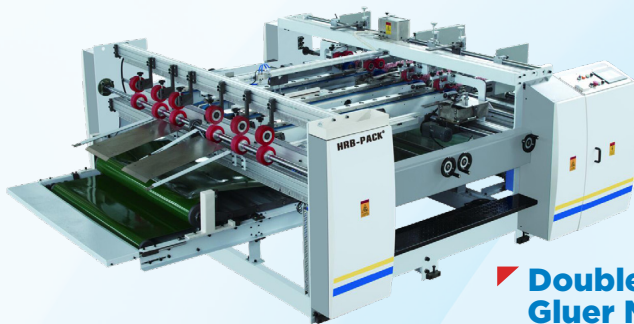
## FOLDER GLUER MACHINE



**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).

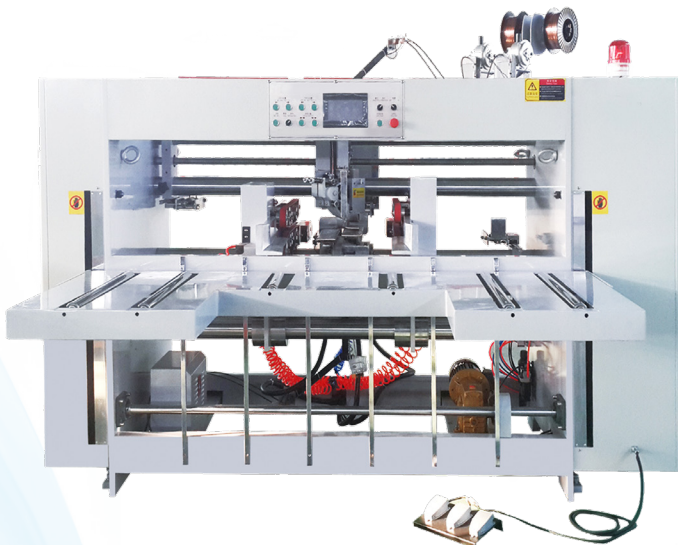
### HRB-2800 Semi-Auto Folder Gluer Machine

- » 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

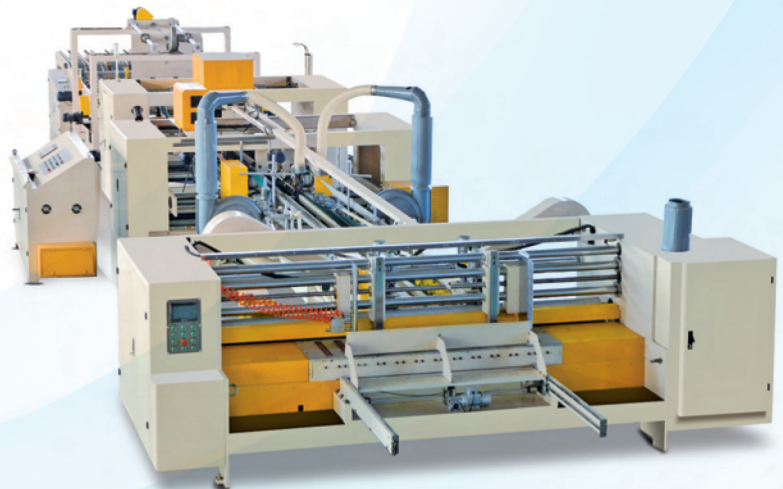


### Semi-Automatic Box Stitcher

- » 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







## 5 PLY CORRUGATED CARDBOARD PRODUCTION LINE



- » 5/7 Ply lines for Fully Automatic Cardboard production.
- » Speeds from 120Mtr to 350Mtr per minute
- » Widths ranging from 1200MM to 2500MM
- » Flute Rollers with options from 280MM to 405MM diameter
- » Fully Servo Controlled
- » Oven with 9-18 heating blocks
- » Horizontal and Vertical Slicers with options for Thin Blades
- » Optional Auto Splicers, Stackers, Exit conveyors for increased automation.

## FLEXO PRINTER & FOLDER GLUER



### BIMAC HRB 1228 Servo Model Vacuum Transport Flexo Folder Gluer (FFG)

- » It can measure the corrugated cardboard thickness and automatically adjust the feeding gap
- » Slotting part is equipped with the interlock switch for emergency feeding stop
- » Electrically controlled buttons for movement of the printing units.



### **BIMAC HRB 1228 BOX LINE**

- » Air pressure interlock, lock securely, conveniently and accurately
- » Machine clutch drive shaft is equipped with overload protection device
- » Innovative dust removal system ensures cleaning of the paper dust and scraps, thereby improving the printing quality.

## PAPER CUP MAKING MACHINES



### Automatic High Speed Paper Cup Machine

#### TECHNICAL SPECIFICATIONS:

- » **Cup Specifications** : 4-16 & 16-22 Ounce
- » **Cups Material** : Single or double PE Coated Paper
- » **Paper Specifications** : 190-380 gsm
- » **Speed** : 120-160 pcs/min



### High Speed Paper Double Wall Cup Machine

#### TECHNICAL SPECIFICATIONS:

- » **Cups Specifications** : 6-16 & 16-22 Ounce
- » **Paper Specifications** : 180-350 gsm
- » **Speed** : 80-100 pcs/min

*Embossing is optional*





## Paper Bowl Forming Machine

### TECHNICAL SPECIFICATIONS:

- » **Cup Specifications :** 500-1300 ml
- » **Forming Size:**  
Top : 150-165mm  
Bottom : 120-145mm  
Height : 1100mm
- » **Paper Specifications :** 170-350 gsm
- » **Paper Material :** PE/PLA
- » **Speed :** 60-70 pcs/min

## High Speed Square/Rectangle Cup Forming Machine

### TECHNICAL SPECIFICATIONS:

- » **Cup Specifications :** 6-28 Ounce
- » **Forming Size:**  
TOP : 60-100mm  
Bottom: 40-75mm  
Height : 60-180mm
- » **Paper Specifications :** 170-350 gsm
- » **Paper Material :** PE/PLA
- » **Speed :** 65-75 pcs/min



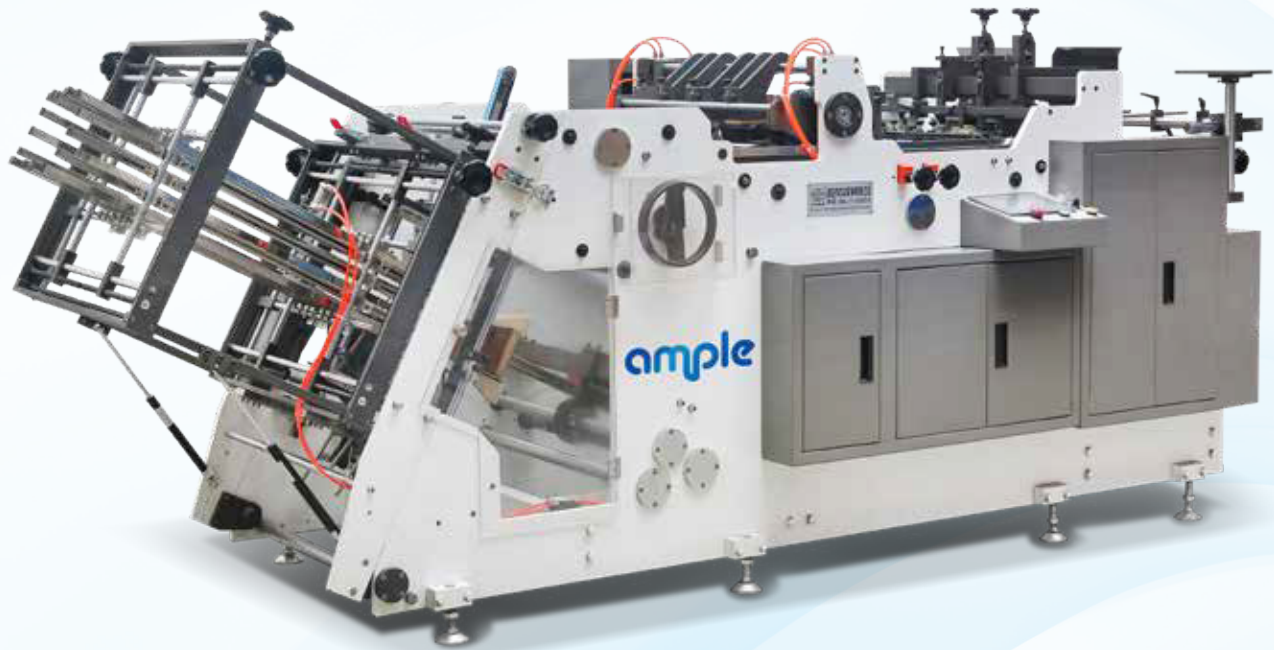
## Automatic Paper Bucket Machine

### TECHNICAL SPECIFICATIONS:

- » **Specifications of Paper Cup :**  
28-190 Ounce H300mm
- » **Paper Specification :** 180-500 gsm
- » **Speed :** 25-35 pcs/min



## PAPER COVERTING MACHINES



**Automatic Paper Carton Erecting Machine**

» (Various models available with glue, heat & ultrasonic sealing)



**Automatic Lunch Box  
Making Machine**



**Automatic Paper Plate  
Making Machine**



## DIE CUTTER



Model	1200x640	1080x640	970x550
MAX CUTTING AREA	-1160mmx600mm	-1040mmx600mm	- 940mmx510mm
CUTTING PRECISION	- $\pm 0.15$ mm	- $\pm 0.15$ mm	- $\pm 0.15$ mm
PAPER GRAM WEIGHT	- 120-600g/m <sup>2</sup>	- 120-600g/m <sup>2</sup>	- 120-400g/m <sup>2</sup>
PRODUCTION CAPACITY	- 150-180times/min	- 160-200times/min	- 150-200times/min
AIR PRESSURE REQUIREMENT	- 0.5Mpa	- 0.5Mpa	- 0.5Mpa
AIR PRESSURE CONSUMPTION	- 0.25m <sup>3</sup> /min	- 0.25m <sup>3</sup> /min	- 0.25m <sup>3</sup> /min
MAX CUTTING PRESSURE	- 300T	- 320T	- 180T
MAX ROLLER DIAMETER	- 1600mm	- 1600mm	- 1600mm



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#### **CORPORATE OFFICE**

A-11, Naraina Industrial Area,  
Phase I, New Delhi - 110 028  
M: +91-9899307625  
E: sales@amplegraphics.in

#### **SALES & MARKETING OFFICE**

C-56/22, Sec-62, Noida Gautam  
Budh Nagar, UP - 201309  
M: +91-8882479490  
E: info@amplegraphics.in

#### **CUSTOMER CARE**

M: +91-8384002135  
E: customercare@amplegraphics.in