

PAPER CUTTING MACHINES

GUILLOTINE (ZM115-DA / ZM137-DA)

The CLARITY Series Paper Cutting Machine is a high - precision industrial guillotine designed for fast and accurate cutting of paper stacks. It features a double-arm knife drive system for stable cutting, hydraulic paper pressing for firm clamping, and a computerized control system with an 8.4 - inch display for easy and precise operation. It is suitable for high - volume commercial printing and finishing operations. It comes in two sizes; 115 cm & 137 cm



Parameter	Specification	
Model	ZM115-DA	ZM137-DA
Knife Drive	Double arm drive	Double arm drive
Cutting Width	1168 mm	1370 mm
Cutting Length	1160 mm	1320 mm
Paper Press Height	165 mm	165 mm
Min. Cutting Size (with / without layer board)	85 / 27 mm	105 / 27 mm
Cutting Speed	42 cuts/min	42 cuts/min
Max Paper Pushing Speed	225 mm/s	225 mm/s
Max / Min Paper Pressure	40 kN / 4 kN	40 kN / 4 kN

FLAT PILE FOLDING

High – speed Flat Pile Folding Machine are designed to accommodate frequent folding job changes and small to medium run lengths. The flat pile feeder is an economic feeder variant at manageable investment costs, Other benefits include the little space required and the short set - up times, a small footprint, low investment costs and easy handling for the operator.



Parameter	Specification		
Model	CP66/4KL	CP78/4KLL	CP80/4KLL
Max Sheet Size	660 × 1040 mm	780 × 1140 mm	800 × 1140 mm
Min Sheet Size	180 × 100 mm	200 × 150 mm	200 × 150 mm
Sheet Gram	28 – 210 g/m ²	28 – 210 g/m ²	28 – 210 g/m ²
Mechanical Speed	210 m/min	210 m/min	210 m/min
Power Consumption	7 kW	7 kW	7 kW
Dimensions (L×W)	5.4 × 2.8 m	5.4 × 2.8 m	5.4 × 2.8 m
Weight	1.8 T	1.8 T	1.8 T

ROUND PILE FOLDING

High-speed Round Pile Folding Machine is particularly suitable for medium to large circulations, it allows for a high performance by non-stop operation as the feeding need not be interrupted, thus increasing the daily production by more than 15% compared to the flat pile feeder.



Parameter	Specification		
Model	CP66/4KL-R	CP78/4KLL-R	CP80/4KLL-R
Max Sheet Size	660 × 1040 mm	780 × 1140 mm	800 × 1140 mm
Min Sheet Size	180 × 100 mm	200 × 150 mm	200 × 150 mm
Sheet Gram	28 – 210 g/m ²	28 – 210 g/m ²	28 – 210 g/m ²
Mechanical Speed	210 m/min	210 m/min	210 m/min
Power Consumption	7 kW	7 kW	7 kW
Dimensions (L×W)	6.4 × 2.8 m	6.4 × 2.8 m	6.4 × 2.8 m
Weight	2.0 T	2.0 T	2.0 T

GANTRY PILE FOLDING

High-Speed Gantry Pile Folding Machine is mainly used for medium to large circulations as well as for large formats. The sheets on the pallet to be folded are run into the feeder by means of a pallet truck directly from the printing press with no manual intervention. In all, the gantry pallet feeder provides high production capacity with shortest interruptions for feeding by pallets. More precisely, you can transport the entire printed pallet from the delivery of the printing press into the feeder of the folder.



Parameter	Specification	
Model	CP78/4KLL-F	CP80/4KLL-F
Max Sheet Size	780 × 1140 mm	800 × 1140 mm
Min Sheet Size	200 × 150 mm	200 × 150 mm
Sheet Gram	28 – 210 g/m ²	28 – 210 g/m ²
Mechanical Speed	210 m/min	210 m/min
Power Consumption	8.5 kW	8.5 kW
Dimensions (L×W)	4.8 × 1.63 m	4.8 × 1.65 m
Weight	2.3 T	2.4 T
Stacking Height	0–1200 mm	0–1200 mm

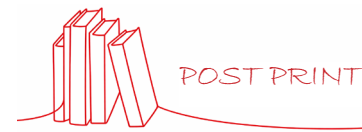
PHARMA INSERT & OUTSERT FOLDING MACHINE

Pharma Insert and Outsert Production machine is designed for the production of inserts, outserts, PI's and miniature literature in the pharmaceutical, electronics, cosmetics, food, agricultural and similar industries. Buckle folding machine with the capable of automatically setting the buckle plate and fold roller settings for up to 24 plates in the market. The final fold size requirements can range down to 1.12" x 1.12". Outsert type products usually use an adhesive closure method, or a tab closure method. It offers pharma outsert production systems to produce products ranging from 12 to 350 panels.



Parameter	Specification
Max Sheet Size	520 × 1000 mm
Min Sheet Size	50 × 90 mm
Max Folded Thickness	15 mm
Min Folding Finished Size	30 × 30 mm
Max Folding Finished Size	140 × 90 mm
Sheet Thickness	35 – 200 gsm
Fastest Speed	220 m/min
Power	7.0 kW
Weight	1200 kg
Dimensions	3700 × 8000 mm

STACKERS



Vertical Press Stacker Delivery

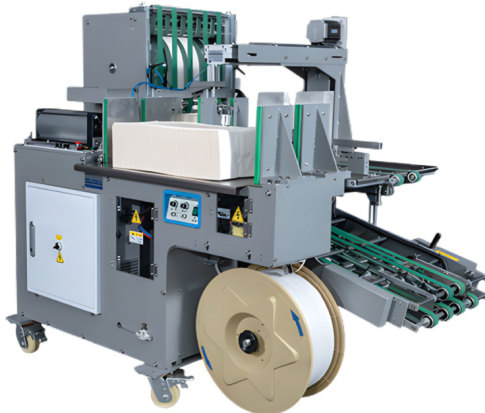
Vertical Press Stacker Delivery is a delivery system with a high storage capacity for folded signatures that is therefore particularly suitable for the processing of medium to large runs. Even multiple-ups and delicate papers can be processed with ease. The integrated pressing unit increases the folding quality and the height-adjustable infeed makes the delivery combinable with all folding machines.



Parameter	Specification
Max Sheet Size	400×310B mm
Min Sheet Size	135×85 mm
Power Consumption	0.95 kW
Dimensions	1.66×0.9×1.45 m
Weight	500 kg

Vertical Press Stacker and Bundling Delivery

Vertical Press Stacker and Bundling Delivery owns a high storage capacity for folded products and is therefore particularly suitable for the processing of medium to large runs. The integrated pressing unit exhausts air to improve folding quality, and the delivery combines with the bundling device. It can set the signature stack number, wrap the stack neatly, then push to the bundling station. The Vertical Stacker and Bundling Delivery is fitting for industrial signature production and is perfect for the next process production.



Parameter	Specification
Max Sheet Size	480 × 360 mm
Min Sheet Size	150 × 110 mm
Power Consumption	2.3 kW
Dimensions	1.7 × 1 m
Weight	400 kg
Bundling Pressure	3000 N

Automatic Vertical Press Stacking and Bundling Machine

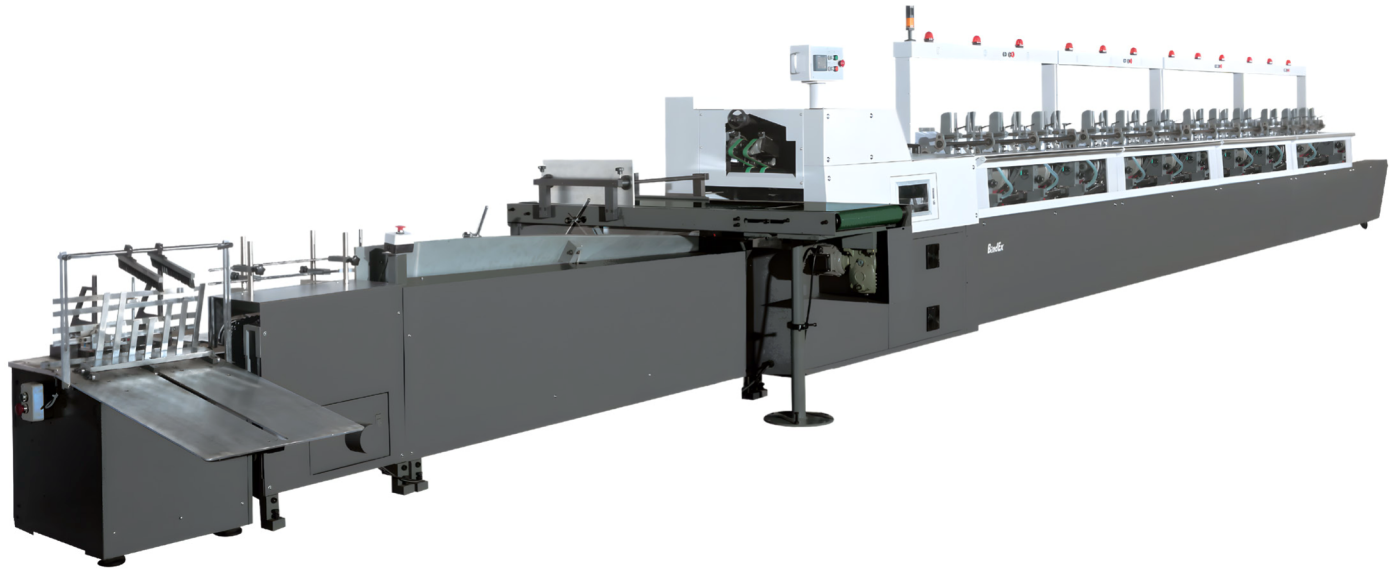
Automatic Vertical Stacking and Bundling Machine can be connected with a web press printing machine or a paper sheet folding machine for folding signature collecting. It collects the folding signatures vertically, presses and flaps the stack neatly, then pushes it to the bundling station. Cardboards are inserted automatically at both ends, with 3000N pressure pressing and bundling the stack automatically. It is a fully automatic delivery system for large-run folding signature production, requiring no labor and completing the entire intelligent automatic folding process.



Parameter	Specification
Max Folding Speed (Sheet Folding Machine)	20000 pcs/h
Max Folding Speed (Web Press Machine Folding)	40000 pcs/h
Max Signature Size	520 × 320 mm
Min Signature Size	210 × 105 mm
Signature Requirement	60 – 120 gsm 16/32 k
Bundle Thickness	500 – 700 mm
Feeding Height	300 – 520 mm
Power	380 V / 3 ph 6.5 kW
Gas Demand	6 bar
Dimensions (L×W×H)	3000 × 950 × 2550 mm

GATHERING LINE

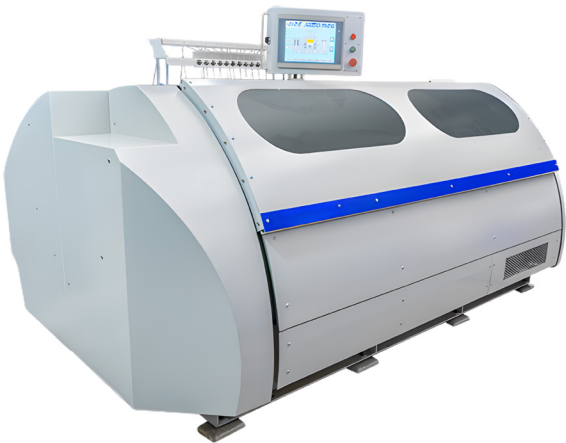
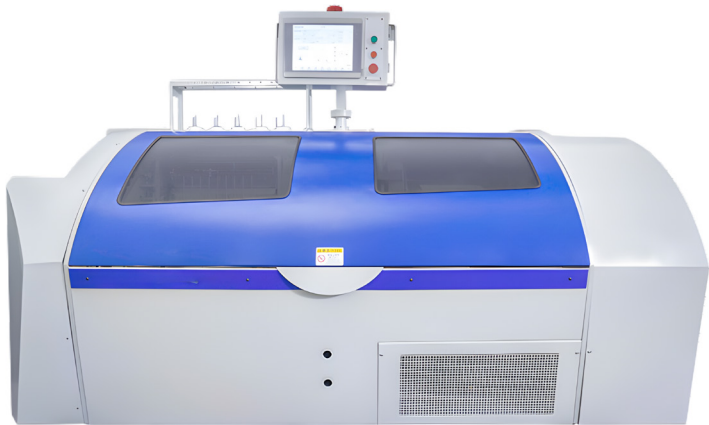
Gathering Line is used to gather signatures, comes with PLC control via touch screen. Automatic wrong block rejecter with advance detectors for miss fed, multi fed, paper jam etc. Monitoring function with display and electric counter. Hand feeding station available as option



Parameter	Specification
Max Format	450 × 300 mm
Min Format	140 × 130 mm
NO. of Stations	24
NO. of Stations in one group	3
Stand-alone Speed	6000 r/h
Power	12.9 kW
Machine Weight	6300 kg
Machine Dimensions (L×W×H)	23400 x 1200 x 1300 mm

SECTION SEWING

Automatic Sewing Machines are compact, high-performance solutions designed for professional bookbinding. With a space-saving layout where the loading and unloading stations are just one meter apart, both machines can be operated easily by a single person. Sewing machines come in two speed options 180 cycles/min and 220 cycles/min. These machines have a state of art mechanical, electrical, and pneumatic system with carbon-fiber parts for precise control of feeding, sewing, and thread cutting.

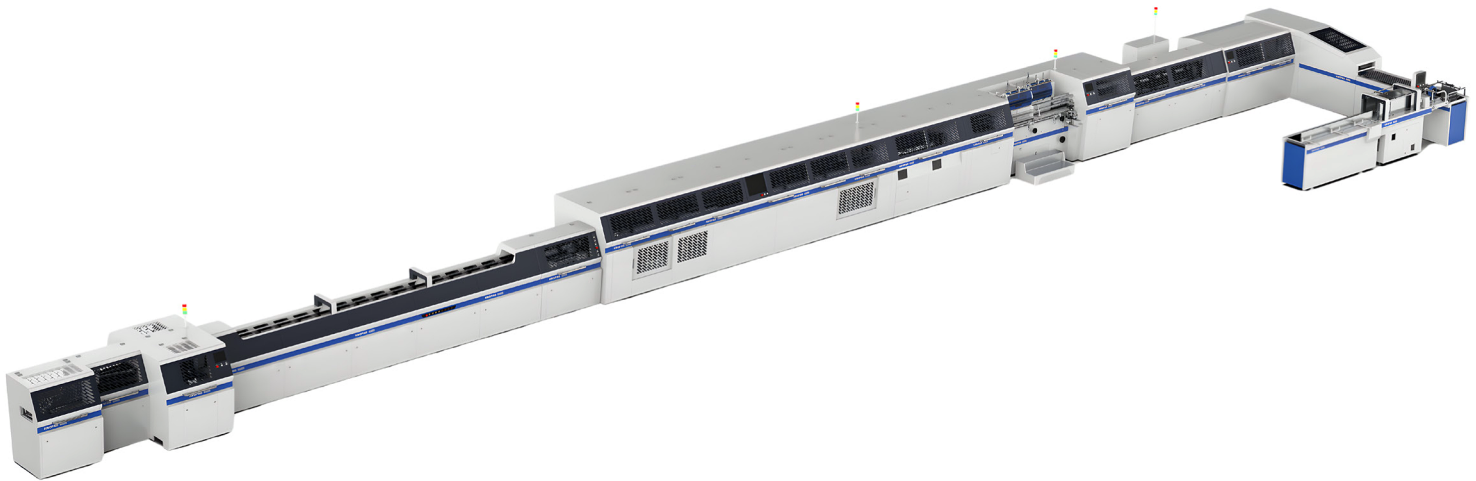


Parameter	Specification	
Model	180 Cycles	220 Cycles
Max Machine Speed	180 cycles/min	200 cycles/min
Min Book Size	75 × 150 mm	75 × 150 mm
Max Book Size	320 × 420 mm	320 × 420 mm
Voltage	380/220 V, 50/60 Hz, 3 - phase	380/220 V, 50/60 Hz, 3 - phase
Compressed Air (External Supply)	500 L/min @ 6 bar	500 L/min @ 6 bar
Uncovers Page Number	Upside 2, Lower Part 2 + 1 High-Low Lap Opening	Upside 4, Lower Part 4 + 1 High-Low Lap Opening
Stitch Count	10	10
Giant Needle	19 mm	19 mm
Dimensions (L × W × H)	2525 × 1545 × 1350 mm	2885 × 1800 × 1350 mm
Equipment Net Weight	2500 kg	3000 kg
Power	4.2 kW	4.5 kW

BOOK BLOCK PREPARATION LINE



Book Block Preparation line is used to do Front and Back End paper pasting, Paper backing on spine, nipping. Both options of Hot and Cold glue are available allowing usage of both coated and uncoated book blocks. Book Distance can be 20 mm thus saving materials, comes with thickness detection and head marking



Parameter	Specification
Whole Line Voltage	380 V
Whole Line Power	22 kW
Fastest Speed	70 pcs / min
Max. Sheet Size (L×H)	515 x 320 mm
Min. Sheet Size (L×H)	100 x 100 mm
Book block thickness range	2 - 80 mm
Overall Size	2 x 40 Feet
Weight	15 -16 Ton

CASE MAKER

The High-Speed Case Making Machine sets the global standard for flexibility and reliability in case-making production. Its unique and continuously optimized design allows the machine to produce book cases, files, and board-game components automatically at speeds of up to 60 cycles per minute.



Parameter	Specification
Fastest Speed	60 pcs/min
Board Thickness	1 – 4 mm
Spine Width	6 – 80 mm
Thickness of Hard Middle Meridian	1 – 4 mm
Thickness of Flexible Spine	0.3 – 0.5 mm
Thickness of Cover Material	0.1 – 0.3 mm
Compressed Air Requirement	650 L/min @ 6 bar
Max Case Size	680 × 380 mm
Min Case Size	130 × 185 mm
Power	15 kW

CASING IN

The process of hard cover book casing in machine / case binding machine is an integral part of the production of hardcover books. These machines are used to secure book blocks with Hard or Flexi cases. The ultimate finish of books / notebooks is dependent on Casing in machine.



Parameter	Specification
Maximum Book Block Size	280 × 375 × 80 mm
Minimum Book Block Size	100 × 100 × 2 mm
Non-Standard Minimum Size	70 × 100 × 2 mm
Expanded Case Size	210 × 105 mm / 660 × 385 mm
Non-Standard Minimum Case Size	155 × 105 mm
Fastest Speed	60 cycles/min
Compressed Air Requirements	6 bar, 9 Nm ³ /h (Hardcover) / 14 Nm ³ /h (Softcover)
Machine Size (L×W×H)	12,940 × 2,635 × 2,700 mm
Rated Voltage	380 V
Weight	16,350 kg

CORNER ROUNDING MACHINE

The Hardcover Case Corner Rounding Machine is connected to the hardcover case making machine. Finished hardcover cases are conveyed into the working area by a conveyor belt, where they are pressed and formed into rounded corners using air cylinders and a heated press. The finished cases are then delivered to a stacking table with counting. The rounded edges are smooth and well-finished, making it ideal for hardcover book covers.



Parameter	Specification
Machine Dimensions (L×W)	2600 × 1200 mm
Max Case Size	525 × 420 mm
Min Case Size	155 × 95 mm
Fastest Speed	60 m/min
Power	2 kW
Gas Demand	900 L/min @ 6 bar
Weight	800 kg
Rated Voltage	380 V

RIBBON INSERTING MACHINE

The Automatic Ribbon Inserting Machine inserts ribbons tightly into notebook and diary book blocks with high speed and quality. The machine operates at up to 50 pieces per minute. It can work as a stand-alone unit or be integrated into in-line book production systems between the three-knife trimmer and the book-block production line, making it highly efficient for industrial binding workflows.



Parameter	Specification
Max Size (L×W)	290 × 210 mm
Min Size (L×W)	140 × 80 mm
Fastest Speed	50 pcs/min
Book Thickness	8 – 45 mm
Dimensions	4.9 × 1.5 m
Power	6 kW
Weight	1000 kg
Gas Demand	1.5 L/min @ 6 bar
Rated Voltage	380 V

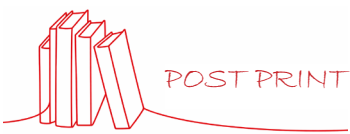
SADDLE STITCHING MACHINE

Saddle Stitching Line consists of a Gathering machine, Saddle stitcher(with detection mechanism), Three-knife trimmer, Book collection cart, and an electrical control box. It can also be optionally equipped with a Cover folding machine. The saddle stitching line offers high speed, low cost,and reliable performance. The binding process is controlled by PLC and sensors, which detect and track defective books (missing or extra pages) and automatically sort them, ensuring a high level of automation.



Parameter		Specification
Maximum Format	Before Cutting	450 × 311 mm
Minimum Format	Before Cutting	158 × 111 mm
Maximum Format of 2 ups Books	After Cutting	217 × 300 mm
Minimum Format of 2 ups Books	After Cutting	135 × 100 mm
Maximum Thickness of Bound Book		8 mm
Total Machine Power		38 kW
Maximum Mechanical Speed		10000 r/h

SINGLE CLAMP PERFECT BINDER



EXPLORE Perfect Binder is an innovative fully automatic PUR/EVA solution that adapts to various requirements of short-run binding, and on-demand book printing. The EXPLORE model features easy operation, rapid format conversion, and low maintenance service costs. This machine can be equipped with either a patented PUR glue nozzle system or an EVA adhesive system.



Parameter	Specification
Max. Mechanical Speed	500 c/h
Max. Binding Size	420 mm × 310 mm
Min. Binding Size	135 mm × 105 mm
Max. Cover Size	680 mm × 415 mm
Min. Cover Size	240 mm × 130 mm
Binding Thickness	3 mm - 50 mm
Cover Weight	80 - 300 gsm
Max. Cover Stacking Height	85 mm
Max. Milling Depth	2 mm
Overall Dimensions (L×W×H)	2060 × 2500 × 1360 mm
Net Weight	950 kg

PERFECT BINDING LINE

The Explorer 5500 Perfect Binding Line comes with interactive touch screen, steeples-speed regulation, PLC program control. Easy adjustable Book clamp with high pressure. Machine has Heavy duty and new notching device which makes book spine surface more smooth. Two spine glue wheels with adjustable glue length, separated heating bar ensure superior binding quality. Stream cover feeder realize non-stop continuous paper feeding. Explorer 5500 comes with special glue residual cleaning device and automatic rejecting unit for rejecting missing, double sheet.



Parameter	Specification
Gathering station	12 to 24
Book clamp number	13
Binding length	140 - 450 mm
Binding width	110 - 300 mm
Cover length	140 - 450 mm
Cover width	210 - 650 mm
Binding thickness	3 - 50 mm
Main power	44.5 kW
Mechanical speed	5500 cycles/h
Net weight	12700 kg
Overall dimensions (L×W×H)	25369 x 4336 x 2200 mm

SEMI-AUTOMATIC SEWING MACHINE



Thread Sewing Machine is used to sew the signatures and create a Sewn Book Blocks. Outstanding features include ,stable performance, wide sewing range, broken thread and broken needle detector, no-thread hooking, wrong signature detector, low noise, convenient operation, frequency speed control, safety design and etc. Program-control system is adopted in this machine. During operation, thread broken, needle broken, no-thread hooking, excessive signature or lack signature can be detected and reported.



Parameter	Specification
Max. Sewing Size	460 × 310 mm
Min. Sewing Size	150 × 100 mm
Sewing Speed	90 c/min
Max. Needle Sets	11 sets
Needle Distance	19 mm
Power Required	1.6 KW
Operation Mode	Semi - Automatic

SEMI- AUTOMATIC CASE MAKER

Semi Auto Case Making Machine is applied in covering and pressing various notebooks, photo books (photo album), folders, certificates, hardcover books. Simultaneously on both sides of wrapping, with two times completed for case pasting, one person operation, simple and small working space, especially fit for post digital printing. This process is finished easily at twice on both sides at the same time by one operator. It is the good partner of post-press, especially the digital post-press.



Parameter	Specification
Max Case Size	760 × 450 mm / 900 × 450 mm
Min Case Size	140 × 140 mm
Power Supply	380 V / 50 Hz, 220 V / 60 Hz
Mainframe Power	6.7 kW
Work Speed	3 – 9 pcs/min
Machine Dimensions (L×W×H)	1680 × 1620 × 1600 mm
Weight	650 kg

SEMI- AUTOMATIC CASING IN



Semi Auto Cover Casing In Machine is widely used for notebooks, board books, and other softcover and hardcover books' cover casing-in. It uses an automatic feeder for case delivery, performs book block pre-creasing and cover alignment, then automatically presses and creases the book. The finished products are delivered automatically, saving labor and improving efficiency.



Parameter	Specification
Max Hardcover Case Size	560 × 450 mm
Min Hardcover Case Size	90 × 60 mm
Book Block Thickness	4 – 60 mm
Speed	7 – 10 pcs/min
Dimensions (L×W×H))	1800 × 960 × 1880 mm
Power Supply	380 V / 50 Hz
Power	1.5 kW
Weight	520 kg

SEMI AUTOMATIC HARDCOVER BOOK CASE CORNER ROUNDING MACHINE

The Semi Auto Hardcover Book Case Corner Rounding Machine is designed to transform straight-corner hardcover cases into smooth rounded corners using different radius moulds as required. It does not require any change to the front-end case making process. With forming and heating functions, it ensures excellent corner finishing.



Parameter	Specification
Speed	20 – 30 pcs/min
Min Case Width	140 mm
Max Case Width	500 mm
Board Thickness	1 – 5 mm
Applicable Rounding Mold Radius	R4 / R6 / R8 / R10 / R12
Voltage	220 V / 50 Hz
Rated Power	200 W
Machine Dimensions (L×W×H)	1350 × 1050 × 1500 mm
Air Demand	0.5 – 0.6 MPa
Weight	190 kg

SEMI - AUTOMATIC ELASTIC BAND FIXING MACHINE

The Semi Auto Notebook Elastic Band Fixing Machine is widely used for applying elastic bands to notebooks. It supports both hard-cover and soft-cover notebooks. With simple operation, only one operator is required to load the covers and receive the finished covers with elastic bands, significantly improving working efficiency and product quality.



Parameter	Specification
Working Speed	12 pcs/min
Min Width of Cover	80 mm
Max Width of Cover	400 mm
Distance from Hole to Cover Edge Side	10 – 50 mm
Distance from Hole to Upper and Bottom Side	10 – 25 mm
Distance Between Two Holes	110 – 360 mm
Width of Elastic Band	5 / 6 / 7 / 8 / 10 / 12 mm
Machine Dimensions (L×W×H)	1300 × 1200 × 1600 mm
Weight	1000 kg

DOUBLE LOOP WIRE O BINDING MACHINE

Semi Auto Double Loop Wire Binding Machine is the high efficiency binding equipment for various double loop wire binding books, notebooks, exercise books, and calendars, etc.. It adopts sliding rail-type design for higher speed and more stable running, with the integration of unwinding the spool, loops cutting, conveying, and closing for the punched book wire-o binding, with the optional calendar hanger device, hardcover manual punch to improve the efficiency of customers, only need 1–2 operators, easy to adjust, high speed and stable.



Parameter	Specification
Speed	800 – 2000 books/hour
Double Loop Wire Size	1/4" – 7/8"
Pitch	2/1, 3/1
Width of Paper for Binding	70 – 520 mm

SPIRAL BINDING MACHINE



Automatic Spiral Forming Punching and Binding Machine is the high efficiency binding equipment for various wire binding books, notebooks, exercise books, and calendars, etc. With the integration of automatically spiral wire forming from the wire materials, the bigger cover and inner paper punching separately, then spiral wire cutting, inserting, binding and cutting off and closing for various stationery products, then collecting delivery, one-stop completion, only need 1–2 operators, easy to adjust, high speed and stable.



Parameter	Value
Speed	800 – 1800 books/hour
Max Punching Thickness	13 mm (16 mm for special product)
Max Punching and Binding Size	400 (punched side) × 420 mm
Min Punching and Binding Size	100 (punched side) × 140 mm
Max Book Size for Feeding Belt	400 × 400 mm
Size of Spiral Wire	1/4 – 5/8
Pitch	4/1, 3/1, 6 mm, 8 mm
Width of Paper for Binding	100 – 400 mm
Machine Dimension	4000 × 2500 × 1600 mm
Power	220 V / (50–60) Hz / 6 kW
Air Pressure	7 – 8 Bar
Weight	1250 kg

BOARD BOOK BLOCK PREPARATION

These machines are used for lay flat board book block binding, such as children board books, photo books, picture albums, menus. Integrates paper board feeding, gluing, and mounting. It uses cold glue which is environmentally friendly and cost-effective. The compact design with the small footprint, especially suitable for short run lay flat binding books production.



Parameter	Specification
Max. Folded Book Size	480 x 380 mm
Paper Sheet Thickness	250 gsm - 450 gsm
Cardboard Thickness	300 gsm - 600 gsm
Speed	80 - 100 cycles/minute
Voltage	220 V - 50/60 Hz 2 ph
Power	3 KW
Applicable Glue	Water Glue
Net Weight	1300 kg
Dimensions	1300 x 1400 x 4300 mm

BOOK SHAPE DIE CUTTING MACHINE



The Book Shape Die Cutting Machine is designed for die cutting various book shapes and holes. It is widely used for manufacturing children’s books, board books, notebooks, saddle-stitch books, paperback books, and hardcover books. The machine supports precise feeding, automatic collection, and scrap removal for efficient and accurate production.



Parameter	Specification
Max Book Size	350 × 300 mm
Min Book Size	100 × 100 mm
Cutting Accuracy	± 0.10 mm
Productivity	2300 pcs/hour
Operators Needed	1 person
Total Power	4.5 kW
Control System	PLC Servo
Cutting Pressure	16 – 25 T
Power Supply	AC 380 V / 50 Hz
Cutting Tools	Metal cutting tools / Wood cutting tools
Machine Dimensions (L×W×H)	2350 × 1850 × 2200 mm
Weight	2500 kg