

CORRUGATED & CONVERTING MACHINERY CATALOGUE

INTRODUCTION

Kaybee Machinery Co (KBMC) has been a pioneering force in the Paper and Packaging Industry of Pakistan since its inception in 2003. Founded with a vision to revolutionize the industry by providing cutting-edge technology & innovative solutions, KBMC has established itself as a trusted partner for those seeking to enhance their productivity & efficiency.

With a focus on delivering high-quality machinery and exceptional customer service, KBMC has played a significant role in shaping the paper and packaging landscape in Pakistan. Over the years, the company has expanded its product portfolio to cater to diverse needs, offering a wide range of equipment and services tailored to meet the evolving demands of the industry.

KBMC's expertise spans across various aspects of paper and packaging production, including papermaking, converting, & packaging machinery. Their product range includes state-of-the-art machines for tissue production, paperboard manufacturing, and packaging solutions.

The company's commitment to innovation is evident in its approach to problem-solving and customer satisfaction. By staying abreast of the latest technological advancements and industry trends, KBMC has consistently delivered customized solutions that address the unique challenges faced by its clients.

Today, KBMC stands as a testament to excellence, dedication, and innovation, empowering businesses to thrive in an increasingly competitive market. With a strong foundation built on trust, quality, & expertise, KBMC is poised to continue its legacy as a leading force in Pakistan's paper and packaging industry.

COMPLETE CORRUGATING LINES FOR 3PLY, 5PLY, 7PLY CARTONS











REEL STANDS, SPLICER UNITS

Machine Function

- · Available in Hydraulic / Motorised lifting options.
- Pneumatic multi brake point.
- · Quick reel change time.

Max. Working Width	1000mm-2500mm
Min. Working Width	900mm
Max. Paper Mill Dia.	1500mm
Main Shaft Dia.	Ø242mm/Ø270mm
Max. Working Pneumatic Pressure	0.6-0.9Mpa
Max. Supporting Weight (One side)	3T/5T
Pneumatic Source Pressure (Map)	0.4-0.8Mpa





SINGLE FACER

A single-facer corrugator is a machine used in the manufacturing process of corrugated cardboard. Its primary function is to:

- Take a single sheet of paperboard (known as the medium) and corrugate it, creating fluted waves.
- Glue a second sheet of paperboard (known as the liner) to the corrugated medium, creating a single-face corrugated board.





Machine Function

- Corrugated Roller: Material 48CrMo, plating Chrome or Tungsten carbide treatment.
- Independent gear box gimbal transmission, main motor fre-quency conversion control (optional).
- · Adjust glue width by manual or electric.
- Glue unit can run independently when machine stop (op-tional).

Working Width	1000mm-2200mm
Design Speed	100m-200m/min
Working Speed	80m-180m/min
Dia. of Corrugated Roller	Ø280mm/Ø320mm

PRE HEATERS & DUPLEX GLUER

Performance and Characteristics

- Diameter of pre-heater roller: Ø4600mm, Ø4900mm, Ø1000mm.
- Electromotion heating angle adjustment. Adjustable range of 360°,
 Two angle shift optional increase angle area.
- · Adopt dishing seal or plat design. Insure reel paper be heated averagely.







Performance and Characteristics

- The glue applicator drived by frequency conversion motor with inverter.
 Keep the synchronization for glue applicator roller and double baker facer machine by inverter. And independent running.
- Self-circulating glue supplying system to avoid glue hardenning and to control glue quantity Keeping the glue good quality and saving.



DOUBLE BAKER

Double Facer Machine Machine Function

- With the press roller or press shoes structure. Hot plate width 600mm, thickness 180mm. It can be configured with 9-22 pcs.
- Inside the hot plate is partition isolation structure, the steam flows in S-shaped direction.
- Up and lower convey belt left and right correct by auto on both sides.
- Up and lower belt adopt double cylinder S type tension device.
- Drive rollers' surface is wrapped by rubber with drum, to make sure the board output smoothly.
- · Variable frequency motor.

Working Width	1000mm-2500mm
Steam Pressure	0.8-1.3Mpa
Air Pressure	0.6-0.9Mpa
Up Drive Roller	Ø400mm/Ø600mm/Ø800mm
Down Drive Roller	Ø400mm/Ø600mm/Ø600mm





SLITTER SCORER & CUTOFF

Computer Thin Blade Slitter Scorer Machine

Machine Function

- Adopt thin tungsten steel alloy blade, service life more than 8 million meters.
- Full PLC computer control.
- Automatic or manual grinding knife without stopping machine.
- Storing 999 sets of orders, automatically or manually change orders with non-stop machine in 3-8 seconds. Two machines working together could realize immediately changing orders without slowing down.
- Automatic tracking production line speed to ensure synchronization with it.
- Three types of pressing line: convex to concave, convex to convex, convex to flat.
 It can be converted automatically. Creasing depth controlled automatically by computer.
- With suction system it can move according to the conversion of orders.

NC Cutoff

- Helical knife structure with special inlaid steel material.
- Servo motor driving.
- 10.4 inch Taiwan Eview color touch screen display.
- Storage-energy brake (non-energy brake), saving more than 70% electric power during production.
- Independent oil pump and filter.

Working Width	1000mm-2500mm
Design Speed	120m-180m/min
Working Speed	100m-150m/min
Cutting Length	500mm-9999mm
Cutting Precision (Uniform Speed)	± 1mm







Working Width	1600mm-2500mm
Design Speed	250m/min
Working Speed	220m/min
Knives And Scorer Configuration	4/6, 5/8, 6/10, 7/12
Min. Cut Width	135mm
Max. Cut Width	1650mm-2550mm
Deviation	± 0.5mm







AUTOMATIC CASE MAKER

Control system

- Whole machine can connect to internet and be remote network monitoring.
- PLC inline control, fast and convenient order adjusting.
- Failure monitoring system, when have error machine waming and stop.
- All machine PLC, Touch scree, contactor and frequency inverter adopt siemens brand.

Pill, Counting & out-transport unit

- Falling type collection system, effectively protect printing surface from damaging. High production adaptability.
- High frequency box correction pusher system, blower assisted paper drop, circulation transmission.
- Multi-servo drive high speed counting and stacking collection system, efficient guarantee.
- Conveyor belt output, servo control the output belt, paper pressing wheels assistance,paper transfer out clearance electric adjustment.
- Transversal movement electric adjustment of counting output unit.

Glue system

 Valco or HHS brand glue supply system, made in USA, glue supply amount can adjust accord the machine speed, glue given length can be adjust by computer, save glue water, increase pasting strength.

Fold unit

- Extended high strength folding box bridge beam to ensure box folding accuracy and high speed stability.
- Adopt screw shaft and linear guide rail synchronous traverse system & the middle high-strength type bridge group support makes stable and accurate displacement.
- Elastic guide rail pressing wheels system can control the gaps, effectively solve the paper blockage problem during transferring, less corrugate board strength and thickness damage.
- Rear adsorption belt transmission, independent motor deviation correction device on both sides, effective correction fold result.
- Multiple shaping wheels with clamp belt to guarantee the fold result, no fishtail and small flap side slotting width different.

Board feed unit

- Elastic transmission wheels device, upper and lower belt clamping transmission.
- Blower,brush and electric roll type brush can sweep off the waste paper.

Technical Parameter

Parameters	Model	ZX-FFG618	ZX-FFG920	ZX-FFG1224	ZX-FFG1628
Max.Speed (sheets	/min)	450	320	250	180
mm	Max.	1850	2100	2500	2900
(L1+W1)*2+40	Min.	430	650	650	650
(D2)	Max.	650	900	1200	1600
Width (mm)	Min.	200	270	360	450
(L1+W1) mm	Max.	900	1000	1200	1400
Fold Length (L1+W1)	Min.	200	410	410	410
mm(L1)/Min. L1	mm	90	140	140	140
(mm)	Min.	80	80	80	80
Stacker Height	Max.	350	350	350	350
(+)	Min.	10	10	10	10
Packages Qua (pcs)	Max.	30	30	30	30



AUTO FEED FLEXO PRINTING MACHINES

Function of machine

- CNC operation system, order store, one-key order change.touch screen monitoring produce situation, error warning and automatic stop machine, remote maintenance system.
- Phase adopt servo motor adjust, independent motor control printing plate change, fast and easy change.
- Feeding unit adopt import servo motor control corrugate feeding inside machine, non-rubber feeding roller type, no corrugate board thickness and strength change.without mechanical wear, feeding precision long life without change.with electrostatic eliminating device and blower and multi-brush clean the dust on the board.
- · Each unit with pull switch, safety and good protect.
- · Printing unit roller transfer.
- All gear is alloy steel, straight type high precision gear, automatic cyclic lubrication.
- PLC, frequency inverter, contactor, touch screen adopt Siemens brand, with self design software, stable and easy maintain.
- Machine speed from 120- 300 sheets per minute.



Technical Parameter

Parameters	INSIT PT 920	INSIT PT 922	INSIT PT 1224	INSIT PT 1228	INSIT PT 1628	INSIT PT 1632	INSIT PT 1636	INSIT PT 2236	INSIT PT 2240	INSIT PT 2536	INSIT PT 2540	INSIT PT 2548
Max. Speed (Sheets/min)	450	450	320	280	260	220	220	150	120	100	100	90
Max. Board Size (mm)	950 x 2100	950 x 2300	1250 x 2500	1250 x 2900	1650 x 2900	1650 x 3300	1650 x 3700	2200 x 3700	2200 x 4100	2500 x 3700	2500 x 4100	2500 x 4700
Min. Board Size (mm)	270 x 650	270 x 650	370 x 650	370 x 650	450 x 650	450 x 650	450 x 650	560 x 800	560 x 800	600 x 900	600 x 900	600 x 900
Max. Printing Size (mm)	900 x 2000	900 x 2200	1200 x 2400	1200 x 2800	1600 x 2800	1600 x 3200	1600 x 3600	2200 x 3600	2200 x 4000	2500 x 3600	2500 x 4000	2500 x 4600
Min. Slotting Distance (mm)	160 x 160 x 160 x 160											
Min. Reverse Knife	260 x 60 x 260 x 60	330 x 110 x 330 x 110	330 x 110 x 330 x 110	360 x 110 x 360 x 110	360 x 110 x 360 x 110	360 x 110 x 360 x 110						
Max. Skip Feeding Size (mm)	1100 x 2100	1100 x 2300	1500 x 2500	1500 x 2900	1800 x 2900	1800 x 3300	1800 x 3700	2500 x 3600	2500 x 4000	2800 x 3600	2800 x 4000	2800 x 4600
Stand Printing Plate Thickness (mm)	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2

MANUAL FEED FLEXO PRINTING MACHINES

Feeding Unit



Printing Unit

- With the pedal switch electrically control the printing roller to run clockwise or anticlockwise, we can have the
 printing plate quickly changed.
- The phase of printing roller can be electrically adjusted in 360° by PLC. Phase motor invoter control We can input
 the date according to the error and adjust while the machine is running or stopped.
- The breadth wise movement of printing roller can be electrically adjusted by PLC. The adjust scope is ± 10mm.
- The phase fix device adopts cylinder brake. When the printing unit is open and being washed, the cylinder will
 brake all the gears and keep them in the original location.
- The anilox roller is controlled by pneumatic and automatic go up or down synchronously with the cardboard feeding system. (When the cardboard is fed, the anilox rollers of printing unit will automatic go down to touch the printing roller. When the feeding is stopped, the anilox roller will automatic go up to separate from the printing roller.)
- The pneumatic diaphragm pumps are used for inking.
 The ink circulates automatically. We should have the water circulated when washing the printing unit.
- With the "Memory" function on the touch screen, after washing the printing plate, we can have the printing roller to run back to the original position.



Slotting Unit

- With pre-creasing wheels for prevent the cardboard rupture while creasing.
- . There are Knives on same plate, the height of the carton adopt PLC and electric input data adjustment.
- The phase of the slotting unit adopt PLC and electric 360° adjust, accord the error to input the adjust data, can be adjusted while the machine running or stop.
- The slotting knives and the creasing wheels horizontal moving adopt electric synchronous adjustment.
 PLC with touch screen adjustment, input the size of the carton into the touch screen.
- Creasing space and knife roller space adjustment adopt self-locking structure.
- The carton height adjustment have a anticollision device for the slotting knives, will not destroy the machine.
- An anticollision device is used while the slotting knife plate horizontal moving. (Electronic formula).
- The slotting knives is sawtooth, adopt alloy steel material and after heat treatment & grinded, more hardwearing & sharp-edged. Two-piece type cutting knives, sharp-edged and high precision.
 The breadth is 7mm.
- The hole and handle tool as an option.



Die Cutting Unit

- The rubber roller adopt mechanical control the position move left and right. The movement distance is 40mm.
- The phase of the die-cutting unit adopt PLC and electric 360° adjust, accord the error to input the adjust data, can be adjusted while the machine running or stop.
- The horizontal moving of the die roller adopt PLC and electric adjustment, input the adjust data accord the error, adjusting distance is 10mm.
- The space adjustment between rubber roller and die roller adopt self- locking structure, with cylinder big scope quickly adjust, decrease the rubber wear, increase the rubber life.
- The space adjustment between the feed rollers adopt self-locking structure.
- The unique speed compensation device can make the rubber roller rolling running with the die roller, make the surface speed of the rubber cushion is completely controlled by the die roller, the shape of the carton sheet will absolutely equal to the die pattern.
- There is a rubber repair device with the machine, the rubber can be used after being repaired.



AUTOMATIC / SEMI AUTO FOLDER GLUERS

Automatic Folder Gluer Machine



- Average glueing speed should be 8000-10000pcs per min, which improves productivity greatly.
- Two workers should assist to deal with whole producing line. Paperboard feeding, glueing, folding, adjusting, acounting can be done automatically.
- · Adopted leather belt delivery feeding with airdraft.
- All convery belts were tooth nailed for accuracy. It equipped re-pressing function so that even more accurate when folding.
- Automatic re-adjusting if happen paper skew. Lowen defective rate. Improving folding accuracy
 if happen paper skew through differential adjusting function.
- Scissors shapetail could not happen.
- Automatic accounting, shape adjusting then stacking. All carton can be piled up according to a cartain quanlity.
- Can match with automatic strapping machine.

Technical Parameter

Model	YX-2400	YX-2600	YX-2800		
Max.Cardboard	900 x 2200mm	1200 x 2400mm	1200 x 2600mm		
Min.Cardboard	300 x 800mm	300 x 800mm	300 x 800mm		
Overall Dimensions	12800 x 2850 x 2250mm	12800 x 3050 x 2250mm	12800 x 3250 x 2250mm		
Power Required	10Kw	11Kw	12Kw		

HIGH SPEED SEMI-AUTOMATIC FOLDER GLUER



Technical Data

Max Feeding Size	2600*1300mm	Height of Feeding Stack	800mm
Min Feeding Size	640*300mm	Machine Length	5500mm
Feeding Height	1200mm	Machine Width	1900mm
Applicable Cardboard Thickness	3/5/7 Layer	Machine Height	1700mm
Power	2.5 Kw	Machine Weight	1000Kg
Machine Speed	45 m/min		

AUTOMATIC DIE CUTTING MACHINE

Performance & Features

- Switch and button all adopt Taiwan day production.
- A minute change size, simple operation without experience, can be nailed single, double, strengthen the nail.
- Paper automatic counting, then bundle and sent out, convenient.
- Nail distance can reach 100mm & shown in display.
- Settings. Can nail the lid box and no lid box.
- · Can directly adjust the thickness of the cardboard.

Max Length (A+B) *2	2600mm
Min. Length (A+B)*2	720mm
Max. Width (C+D+C)	1300mm
Min. Width (C+D+C)	300mm
Height of Feeder	500mm
A 800 (mm)	B 500 (mm)
A 200 (mm)	B 200 (mm)



AUTOMATIC FOLDER STITCHING MACHINE

intelligent line-touching model automatic carton folder gluer/ stitcher machine

Working Features

- Folding: Automatically folds the corrugated board along the predetermined crease lines to form the carton's shape.
- Stitching: Secures the folded carton by stitching the edges together using staples or stitches.
- Creasing: Creates sharp creases in the board to facilitate accurate folding.
- Forming: Shapes the carton into its final form, including the creation of flaps, tabs and other.

Additional benefits

- · Automatic carton feeding and alignment
- · Adjustable folding and stitching settings for various carton sizes
- Integration with other machinery, such as die-cutters and printers
- High-speed production capabilities



FLUTE & FILM LAMINATORS

AUTOMATIC FLUTE LAMINATOR

Performance of the machine

- The vacuum suction-type Feida paper feeding system can accurately feed the paper into the machine; the circulating stacker can stack the next batch of facial tissue without stopping the machine, so that the efficiency is higher.
- The bottom paper is automatically fed by suction, and can be automatically synchronized according to the speed of the manual feeding paper.
- . The new concept is pre-elastic, the positioning accuracy is high, and the bottom paper never advances.
- The whole machine adopts touch screen/PLC/servo motor control system, the circuit system runs stably, and the fault alarm can be automatically displayed.
- The automatic glue replenishment system automatically replenishes the lost glue amount and cooperates with the glue recycling to avoid the loss of glue loss.
- The scientific design of the metering roller line speed ensures that the amount of glue is even while avoiding the glue at high speed.
- The pressure roller is unilaterally adjusted, which is convenient and quick.
- The rocker controls the lifting and lowering of the washing roller, and is convenient for cleaning the lower roller of the rubberizing roller, which is convenient and quick to clean.
- User-friendly design counters to keep track of your daily workload. Easy to piece work.

Technical Parameter

Model	YX-1300A	YX-1600A	
Maximum Veneer Size	1300 x 1200	1600 x 1200	
Minimum Veneer Size	400 x 400	400 x 400	
Maximum Production Speed	8000 (Pcsh)	8000 (Pcsh)	
Matching Accuracy	± 1mm	±1mm	TIME
Power	14Kw	14Kw	
Dimensions	13.5 x 2 x 2.9	13.5 x 2.25 x 2.9	
Weight	About 5t	About 6t	00 602 T

OTHER MACHINES





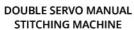




BUNDLING MACHINE

THIN BLADE CUTTING MACHINE







DXJ SERIES STITCHING MACHINE



FLAT DIE CREASING AND CUTTING MACHINE



CORRUGATED ROLLS



PASTING MACHINE



SEMI AUTO STITCHER

SPARES



ANVIL COVER



HMI PANELS



CARBON SEALS



CORRUGATING BELTS





FEEDING WHEELS



FEEDING BELTS



SLOTTER KNIVES



SPARES



DIE CUTTING RULES



SPEED CONTROLLER



ENCODERS



PRINTING PUMPS



CREASING WHEELS



D12 CO11111C 1111CO2D



PE TYING ROPES



NC CUTTING KNIVES



PAPER BAG MACHINE

Different designs of paper bag machines are available to produce shopping bags, grocery bags, food bags, paper bags with handles and stylish bags used for gifts. This special machine produces the paper bag in one process from printed or unprinted roll paper, side gluing, roll folding, roll paper cutting, bottom folding, bottom gluing forming, bag formation in one go. Machine is controlled by PC programmable servo motor through the human-machine touch screen interface.

- Square bottom bag machine with handle
- Square bottom bag machine without handle
- V bottom bag machine with handle
- V bottom bag machines without handle



PAPER CORE MAKING MACHINE

We offer a large range of production lines for paper tubes and cores, from 6 to 1.250 mm diameter and up to a belt speed of 120 m/min.

Paper tube and core production lines are designed according to customers' specifications and are made of:

- Unwinding systems from simple manual to fully automatic
- Gluing units
- Spiral winders with 2 and 4 driving heads
- In-line cutters from semi-automatic single knife to fully automatic multiple knives.



OUR CLIENTS

- AL AZIZ PACKAGES
- AL WASIO PACKAGES
- AMNA PACKAGES
- A&S PACKAGES
- ► AA PACKAGES
- ABBAS PACKAGES
- AFEEF ZAHRA PACKAGES
- AL HUSSAINI PACKAGES
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- ANMOL PACKAGES
- AS PACKAGES
- BAIG PACKAGES
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- BRR PACKAGES
- CARTON & CARTON
- ► CORRUBOARD INDUSTRIES
- ▶ CORRUBOX
- ► CHEEMA PACKAGES
- DAYAMER PACKAGES
- DECENT PACKAGES
- EVEREST PACKAGES

- ► FAISALABAD OIL REFINERY
- FINEPACK LAHORE
- FURQAN PACKAGES
- FRIENDS PACKAGES
- GRACE PACKAGES
- ▶ GREEN PACKAGES
- GATEWAY PACKAGES
- GUL PACKAGES
- **► HB PACKAGES**
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- HY PACKAGES
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- MY PACKAGES
- MM PACKAGES

- NAZ PACKAGES
- NEW CRYSTAL PACKAGES
- ▶ NEWPACK
- NASIR KHURSHEED PACKAGES
- NATIONAL PACKAGES
- ► PACK & PACK
- PACKAGES CLUB
- PACKAGES EXPERT
- PACKWELL (PVT) LTD
- PAKISTAN CORRUGATED
- PACKAGES CONCERN
- PACKAGES EXPERT
- PAKISTAN STATE OIL
- PURE GOLD PACKAGES
- PAKISTAN PACKAGES
- PRINCE PACKAGES
- QUALITY CARTONS
- RAUF CONTAINERS
- ► RABIA PACKAGES
- RAJBY PACKAGES
- ROSHAN PACKAGES
- ROYAL PACKAGES

- ► SAMI PHARMACEUTICAL
- SAQIB PACKAGES
- SARHAND PACKAGES
- SHABBIR PACKGES
- SILVER PACKAGES
- SAFDAR NAJEEB PACKAGES
- SEVEN STAR PACKAGES
- SHAH PACKAGES
- SM PACKAGES
- SUPER PACKAGES
- S ASIA PACKAGES
- ▶ TANVEER PACKAGES
- **► TECHPACK**
- ► TAYYAB PACKAGES
- UNIQUE PACKAGES
- UNIVERSAL PACKAGES
- ► UTOPIA INDUSTRIES (PVT) LTD
- WASIF PACKAGES
- ► YAQOOB PACKAGES
- ZEESHAN PACKAGES

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