



**machines**

An ISO 9001:2008 Certified Company

## **A Complete Solution For Corrugated Board & Box Making Machines**



### **Manufactures & Exporters of :**

Corrugation Plant, Die Punching & Creasing Machine, Semi & Fully Automatic Paper Cutting Machine, Ordinary Paper Cutting Machine, Lamination Machine  
Book Wire Stitching, Box Making Machines & Allied Machinerries

## Double Profile High Speed Corrugation Machines

Double Profile Single Face Corrugation Machine is supplied with two sets of any two types of Flute Roll. The Flute Rolls are bearing mounted to give high speed. This machine saves ample space in factory. We also provide high temperature grease which does't melt at high temperature while rollers are hot. It can also be run on steam or thermic fluid. The Flute Rolls of this machine can be inter changed with motorised System and in Super Deluxe Model they can be interchanged with Hydraulic System.



### Technical Specifications

Size	Motor H.P.	Steam Req. Kg./Hr.	Weight App. (MT.)	Floor Space
42"	9.0	200	5.0	7.0'x16'
52"	11.5	300	5.5	8.5'x16'
62"	11.5	300	6.0	9.5'x16'
72"	14.0	400	6.5	10'x17'
82"	16.5	400	7.5	11'x18'

## High Speed Rotary Reel to Sheet Cutting Machine



### Technical Specifications

Size	Cutting Length (Min/Max)	Power H.P.
52"	18"x110"	2 H.P.
62"	18"x110"	3 H.P.
72"	18"x110"	3 H.P.

The Perfectly built & designed to increase production and fine cutting of corrugated board without damaging the flutes of the board as well as plain paper. As a perfect alternative to Hand Operated Board Cutting Machine. It is possible to use the machine as an independent unit or it can also be attached with the Corrugating Machine. P.I.V. Gear Box is provided to ensure accurate cutting of the sheet as per required length and easy to adjust and operate. Delivery Conveyor Stand is provided to carry the sheets or demand gear model/gear operated machine can also be given.

## High Speed Single Face Paper Corrugation Machine (Oblique Type)



### Technical Specifications

Size	Output (PM)	Power (H.P.)	Heating Load	Floor Space	Weight App. (MT.)
42"	120 ft.	3 H.P.	33 K.W.	7'x16'	4.5
52"	120 ft.	5 H.P.	33 K.W.	8'x16'	5.0
62"	120 ft.	7.5 H.P.	33 K.W.	9'x16'	5.5
72"	120 ft.	10 H.P.	on Steam	10'x16'	6.0

"KGR" offers an exclusively robust new type of paper corrugating machine with considerable increase in efficiency and production. Flute rolls the most important features of the machine are minutely finished and gives perfect impression on the board. The machine has Hydraulic self loading twin shaft reel stand with two unwinding shafts thereby saving time and easy to operate. Electric Heaters are provided for perfect lamination of board.

## Flute Rolls

Flute Rolls can be supplied with all the models of corrugation machines various flute options i.e. A, B, C, E, F & N Flutes.



## Single Face Paper Corrugation Machine (Vertical Type)

### Technical Specifications

Size	Output (PM)	Heating Load	Power (H.P.)	Floor Space	Weight App. (MT.)
42"	70 ft.	27 K.W.	3 H.P.	7'x15'	3.0
45"	70 ft.	27 K.W.	3 H.P.	8'x15'	3.5
52"	70 ft.	27 K.W.	5 H.P.	9'x15'	4.0
62"	70 ft.	33 K.W.	7.5 H.P.	10'x15'	4.5

"KGR" offers another Paper Corrugating making machine for productivity as well as efficiency. The Flute Rolls are perfectly finished thereby giving an even impression of the board. Manual Operated Twin Shaft Reel Stand with two unwinding shafts is provided with the machine. The machine is sturdy in construction, simple to operate and easy to handle. Electric Heaters are provided for lamination of board.





## Sheet Pasting Machine

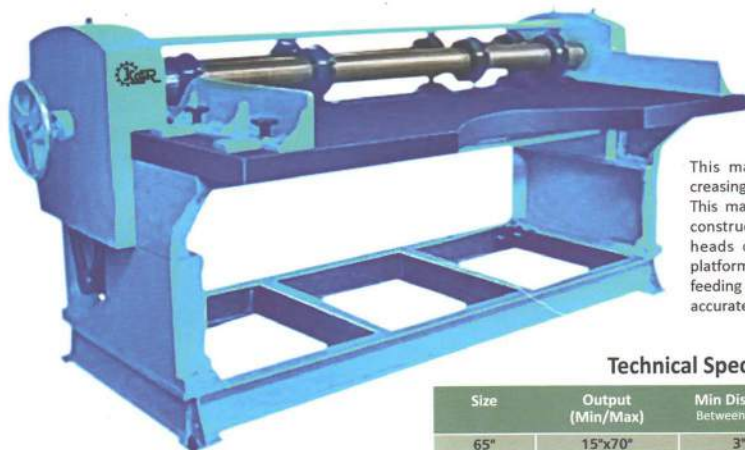
This machine is exclusively designed and manufactured for the pasting of corrugated sheets of different ply. Simple design, strong in construction, easy to operate and is assured of faultless working during continuous operation. The rolls of the machine are smoothly finished to ensure even impression of the boards after lamination. Gum tray operate from our side with the help of worm gear system.



### Technical Specifications

Size	Sheet Feed	Motor H.P.
65"	15"/60"	0.5
75"	15"/70"	0.5
85"	15"/80"	0.5
95"	15"/80"	0.5
105"	15"/80"	1

## 4-Bar Rotary Cutting & Creasing Machine



This machine is meant for trimming and creasing the corrugated board simultaneously. This machine is easy to operate & sturdy in construction. The creasing heads & cutting heads can be easily set as required. The platform is provided with two side Gauges for feeding of the board. Gauges are provided for accurate cutting & creasing of sheets.

### Technical Specifications

Size	Output (Min/Max)	Min Distance Between 2 Dies	Power H.P.	Floor Space
65"	15"x70"	3"	2 H.P.	7'x4'
75"	15"x80"	3"	2 H.P.	8'x4'
85"	15"x80"	3"	3 H.P.	9'x4'
95"	15"x80"	3"	3 H.P.	10'x4'
105"	15"x80"	3"	3 H.P.	11'x4'

## Eccentric Slotter

This machine is highly reputed for accuracy and quality. The machine is provided with three slotting heads and one corner head. These heads can be set quickly and accurately by handle.

Screw arrangement is provided for adjustment of side cutter after regrinding.



### Technical Specifications

Size	Strokes (PM)	Slot Depth	Min Distance between Slot	Power H.P.	Floor Space
75"	30.	18"	5"	3 H.P.	8'x4'
85"	30.	18"	5"	3 H.P.	9'x4'
95"	30.	18"	7"	5 H.P.	10'x4'
105"	30.	18"	7"	5 H.P.	11'x4'

## Sheet Pressing Machine

### Technical Specifications

Size	Height of M/s.	Pressing Ht.	H.P. Reqd.	Floor Space	Floor Space
65"X75"	84"	54"	2 H.P.	6'x7'	1000
65"X105"	84"	54"	2 H.P.	6'x9'	1200



With a view to obtain strong and even board "KGER" has fabricated a strongly built machine mounted on just two screws to press corrugated sheets of difficult ply. The Pressure on sheets, is regulated by spring action which gives an even impression to avoid bubbles free & even board.

## Die Punching & Creasing Machine



Electro Magnetic clutch-brake system for instant stop.

Dwell Timing device for easy operation. Operators hand-safety device for safe operation. Sheet counter and piped oiling system.

Machine is fitted with best quality bearings and Bronze metal bushes.

Being fitted with best quality helical gears on both sides of Machine are fitted with three Gears set system to take extra ordinary loads.

Automatic time delay from 0 to 30 sec. and digital electronic sheet counter

Lubrication is provided to every revolving part.

Machine is having quite smooth, running and outlook is excellent with Deco paint and Bright Chromium polish. From 25"x37" size to above all the sizes, we provide Double Set of helical Gears inside the body. For Easy movement/Minute adjustment of Eccentric arm bushes is done with worm gear system.

### Technical Specifications

Size Inside Chase	Platen Size	Speed App. Phr.	Power H.P.	Weight App. Qtl.	Area Req.
20"x26"	23"x29"	1800	3.0	26	62"x53"
22"x32"	25"x35"	1800	3.0	35	68"x56"
25"x37"	28"x40"	1600	5.0	40	72"x63"
32"x42"	36"x46"	1400	7.5	55	74"x72"
36"x50"	40"x54"	1200	10	65	80"x82"
42"x62"	46"x66"	1000	10	100	85"x80"
52"x72"	56"x76"	1000	15	130	95"x95"

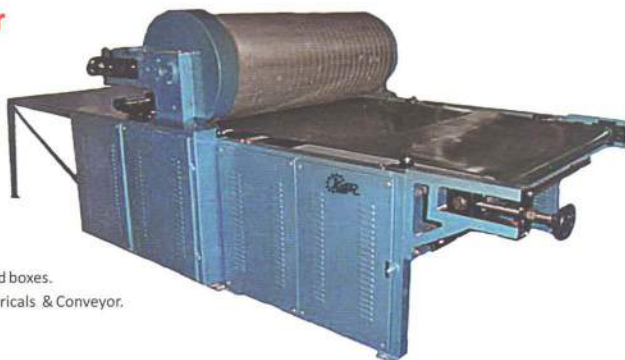




## Flexo Board Printer

### Technical Specifications

Size	Motor H.P.	Output (Phr.)
52"x72"	2	1000



- Designed to meet the printing demand of corrugated boxes.
- Machine is equipped with variable speed drive electricals & Conveyor.

## Board Cutter



- Suitable for cutting the cardboard, corrugated board and paper.
- Balanced Cutting Knife enable free cutting with minimum pressure.
- Gauges are provided for accurate cutting.
- Available in 42"x52", 52"x62", & 62"x72" and above sizes.

## Straight/Angular Box Stitcher

Suitable for cardboard, corrugated board using round or flat wire Adjustment lead upto 5/10" (8mm), 5/8" (16mm)

Available in arm length of 20", 30", 36" 48" 52" & 60"

### Technical Specifications

Size	Stitch P.M.	Power Req'd.
20"	250	0.5 H.P.
30"	250	0.5 H.P.
36"	250	0.5 H.P.
48"	250	0.5 H.P.
52"	250	1 H.P.
60"	250	1 H.P.



## Single Face Corrugation Machine (Fingerless)

- Designed Speed 120m-200m / min.
- Available width 1400mm - 1800mm & available Diameters are 280 mm, 320 mm, 360 mm & 380 mm.
- Separate Upper & Lower Roll from the main machine with guide way equipped to the bridge easy to replace rolls.
- Vacuum suction system provide perfect flute shape. Blast volume controller is equipped.
- Gimble transmission, individual driving box to improve running stability. Gears are all lubricated with special grease to provide outstanding sealing performance and reliable lubricating.
- Guide way slipping of gluing roll and upper roll, easy to replace rolls.
- Pneumatic control of lifting and lowering of the upper roll, press roll, gluing roll.
- The bearings of corrugated rolls and press rolls are lubricated by high temperature lubricating grease.
- Motorized digital read out device. Manual adjustment of glue application amount.



## Single Face Corrugation Machine (With Fingers)



- Designed Speed 120m-200m / min.
- Available width 1400mm - 1800mm & available Diameters are 280 mm, 320 mm, 360 mm & 380 mm.
- Separate Upper & Lower Roll from the main machine with guide way equipped to the bridge easy to replace rolls.
- Vacuum suction system provide perfect flute shape. Blast volume controller is equipped.
- Gimble transmission, individual driving box to improve running stability. Gears are all lubricated with special grease to provide outstanding sealing performance and reliable lubricating.
- Guide way slipping of gluing roll and upper roll, easy to replace rolls.
- Pneumatic control of lifting and lowering of the upper roll, press roll, gluing roll.
- The bearings of corrugated rolls and press rolls are lubricated by high temperature lubricating grease.
- Motorized digital read out device. Manual adjustment of glue application amount.

## Rotary Die Cutting Machine

- The die cutter phase is controlled by computer and electric digit with 360
- The die cutting scraper could be adjusted horizontally with computer and electric digit control ranging from +5mm to -5mm.
- The light alloy aluminum back-kick vacuum adsorption paper feed mechanism with several groups of rolling bearing to ensure more steady machinery operation.
- Left and right baffle and back baffle position are controlled by computer and electric digit; the side baffle is equipped with pneumatic trimming facilities.
- Consecutive or skip paper feed, infrared electro phonic counter, brush dust removal mechanism.
- Available in Chain feeding & Automatic board feeding.





## Combined Rotary, Creasing & Slotting Machine (RS-4)



Corrugated paperboard paper partitioning, Line-pressing corner-cutting & slotting machine is a kind of comprehensive production equipment combining three different processes such as corner cutting & slotting, line pressing and edge cutting of the blanks of the corrugated paperboard into one, which main features are as follows: single paperboard, hand feeding, usually suitable for the corrugated or bending upwards paperboard.

### Technical Specifications

Size	2000	2200	2500
Paper feeding Area (mm)	1470x1950	1470x2150	1470-2450
Max. slot cutting depth (mm)	350	350	350
Width of slot (mm)	7.0	7.0	7.0
Min. distance of slot (mm)	150	150	150
Slotting speed (sheets/min)	0-70	0-70	0-70

## Multicolour Printing, Slotting, Creasing & Die Cutting Machine

- This machine can constitute the double-color, Three-colour, Four-colour and Five-colour printing & slotting machines which can simultaneously accomplish the process of printing, separate cutting, creasing, slotting and corner cutting.
- The drive part of the printing part adopts the big screw and bevel gear drive which increases the strength of the gears.
- The paper-feeding of the drive part of the printing part adopts cross sliding drive-
- The phase part adopts 360 adjusting while stop working or during working.

### Technical Specifications

3350-1600	1600x650	1800x950	260	0-60	6	7
3350-1800	1800x950	2000x950	260	0-60	6	7
3350-2000	2000x950	2200x950	260	0-60	6	7
3350-2200	2200x950	2400x950	260	0-60	6	7



### Die Cutting Unit



## Thin Blade Slitter & Scorer Machine

### Technical Specifications

Size	2000	2500
Width of the applied Paperboard (mm)	2000	2500
Max. Speed of Paperboard (m/min)	141	141
Times of Paper Partitioning	4	4
Min. Separate Cutting Width/Creasing Width (mm)	200	200
External Diameter of Thin & Round Knife (mm)	260	260
Thickness of Thin & Round Knife (mm)	1	1
Power Required (kw)	4	4
Weight (kg)	3000	3500

- Adopt thin knife separate cutting (The thickness is only 1 mm). Installed with automatic and hand grinding wheel grinding to keep the knife edge sharp and the separate-cut paper-board smooth and tiny.
- After pre-pressing, separate cutting and creasing the paperboard we will accomplish the requirement of the product. The pressed trace do not arouse the trace tearing phenomenon.



## Semi Automatic Flute Laminating Machine

- Automatic feeding of bottom sheet
- Normal front feeding of top sheet designed to make the feeding more convenient and lamination more accurate
- With flexible front positioning which avoid bottom sheet exceeding the top sheet and adjustable fore-and-aft lamination between bottom sheet and to sheet
- Suitable for lamination of paperboard to bottom paperboard above 300 g/m and A/B/C/D/E Flute corrugated cardboard to corrugated cardboard
- Movable lengthened pressing part is alternative for lamination of corrugated cardboard thicker than Flute-B whose length is above 800 mm
- Pressure-adjustable pressing part is alternative for lamination of paperboard to paperboard



### Technical Specifications

Maximum Size	1100x900mm	1300x900mm	1300x1100mm	1450x1200mm	1600x1400mm
Minimum Size	350x350mm	350x350mm	350x350mm	350x350mm	350x350mm
Maximum Speed	60 Sheets/min	60 Sheets/min	60 Sheets/min	60 Sheets/min	60 Sheets/min
Total Power	6.4 KW	6.4 KW	6.4 KW	6.4 KW	6.4 KW
Total Weight	5.5 Tons	5.5 Tons	6.2 Tons	6.2 Tons	7.8 Tons
Length	9.6x1.8x1.2 mtrs	9.6x1.8x1.2 mtrs	9.6x2.0x1.2 mtrs	9.6x2.0x1.2 mtrs	13x2.0x1.2 mtrs

## Fully Automatic Flute Laminating Machine

Fully Automatic Flute Laminator machine has automatic top & bottom paper feeding system at high speed and with High Laminating precision resulting in good quality pasting of Sheet. This machine is Suitable for top paper of 200-600 GSM quality. This machine can laminate 2 ply sheets in A, B, C, D, E, F flutes and can do 3 ply/Sply boards.



### Technical Specifications

Maximum Size	1300x1100mm	1400x1100mm	1600x1400mm
Minimum Size	350x350mm	350x350mm	450x450mm
Laminate Precision	± 1.5mm	± 1.5mm	± 1.5mm
Max. Speed	6000 Sheets/hr.	6000 Sheets/hr.	6000 Sheets/hr.
Total Power	12 KW	12 KW	13 KW
Length	12.5 mtrs	12.5 mtrs	15 mtrs
Total Weight	6.8 Tons	7.2 Tons	8.0 Tons

## Hydraulic Mill Roll Stand

- Maximum diameter Dia 1500 mm
- Effective Width 1400mm-25mm
- Pneumatic brake control of web tension.
- Taper center, stretch center is optional.
- Hydraulic control of the lifting and lowering, clamping, releasing, right-left movement.



## Electrical Shaftless Mill Roll Stand

- Max diameter 1500 mm
- Range of Width 1400 mm - 1800 mm
- Paper Rolls on Board arms can be loaded at the same time.
- Motorized lifting and lowering, clamping, releasing, right-left adjustment.
- Pneumatic brake control of web tension.



## Semi Automatic Stitching Machine

- Stitches speed 400 stitches / min
- Stitches number from 3 to 99 stitches free preset by digital.
- Stitches pitch from 35mm to 60mm. Free adjustable.
- Max. Products size 1500mmw x 1300mmh
- First stitch from 20°-600rnm ( adjustable by stopper)
- Min right side sheet width 160mm
- Stitching types available for single, double and tie stitching.
- Accurate counting, automatic batch delivery.
- Durable gear box transmission and plc electric control system.
- Available for 3p/5p corrugated paper board







295, Industrial Area, Opposite Mall Mandi, AMRITSAR-Pb. (INDIA)  
Phone : (0) 0183-2581106, Fax : 0183-5011106  
Mob. : +91-98145-93018, 98145-93024  
E-mail : [kgrmachines@live.com](mailto:kgrmachines@live.com), [info@kgrmachines.com](mailto:info@kgrmachines.com),  
[kgr\\_machine@yahoo.com](mailto:kgr_machine@yahoo.com)  
Website : [www.kgrmachines.com](http://www.kgrmachines.com)



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Book Wire Stitching, Box Making Machines & Allied Machineries

**Website : [www.kgrmachines.com](http://www.kgrmachines.com)**

### Die Punching, Creasing & Embossing Machine (With Leaf Attachment)

Electro Magnetic clutch-brake system for instant stop.  
Dwell Timing device for easy operation. Operators hand-safety device for safe operation. Sheet counter and piped oiling system.

Machine is fitted with best quality bearings and Bronze metal bushes.

Being fitted with best quality helical gears on both sides of Machine are fitted with three Gears set system to take extra ordinary loads.

Automatic time delay from 0 to 30 sec. and digital electronic sheet counter

Lubrication is provided to every revolving part.

Machine is having quite smooth, running and outlook is excellent with Deco paint and Bright Chromium polish. From 25"x37" size to above all the sizes, we provide Double Set of helical Gears inside the body. For Easy movement/Minute adjustment of Eccentric arm bushes is done with worm gear system.



### Technical Specifications

Size Inside Chase	Platen Size	Speed App. Phr.	Power H.P.	Weight App. Qtl.	Area Req.
20"x26"	23"x29"	1800	3.0	26	62"x53"
22"x32"	25"x35"	1800	3.0	35	68"x56"
25"x37"	28"x40"	1600	5.0	40	72"x63"
32"x42"	36"x46"	1400	7.5	55	74"x72"
36"x50"	40"x54"	1200	10	65	80"x82"
42"x62"	46"x66"	1000	10	100	85"x80"
52"x72"	56"x76"	1000	15	130	95"x95"



### Die Punching & Creasing Machine





Programmable Hydraulic Fully Automatic Paper Cutting Machine



**Technical Specification**

Sizes 33" 37" 43" 45"

Semi Automatic Paper Cutting Machine (Mechanical Clutch Type)



**Technical Specification**

Sizes 24" 33" 37" 43" 48" 52" 60"

Paper Cutting Knife



Semi Automatic Paper Cutting Machine with Electromagnetic Clutch



**Technical Specification**

Sizes 24" 33" 37" 43" 48" 52" 60"

Paper Cutting Machine (Ordinary Type)



**Technical Specification**

Sizes 18" 26" 32" 36" 43" 48" 52" 60"

Table Top Paper Cutting Machine Hand Operated



**Technical Specification**

Sizes 15" 18" 20" 22"

Envelop Punching Machine



**Technical Specification**

Sizes 18"x33" 24"x36"

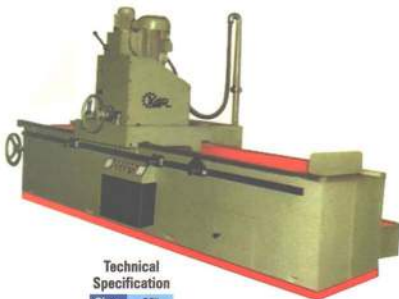
File Master Machine (Multiple Punching for (Wiro / Spiral / Indaxing / Bending / Creasing / Flat & Box File etc.



**Technical Specification**

Sizes 24"

Knife Grinding Machine (Available in electro magnetic chuck & Mechanical Chuck)



**Technical Specification**

Sizes 60"

Spiral Binding Machine



**Technical Specification**

Sizes 14" 18" 24"

Plain Film Lamination Machine



Technical Specification

Sizes 18" 24" 30" 36" 42" 60"

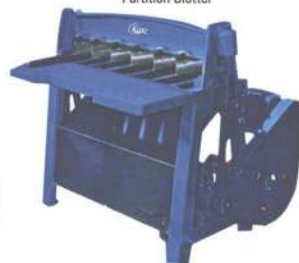
Window Cum Plain Film Lamination Machine



Technical Specification

Sizes 24" 30" 36" 42" 60"

Partition Slotter



Technical Specification

Sizes 36" 42"

Thermal/Hot Lamination Machine



Technical Specification

Sizes 24" 30" 36" 42"

Hot Foil Stamping Machine  
(Leaf Printing)



Perforating Machine



Technical Specification

Sizes 18" 24"

Laminated Sheet Separating Machine



Technical Specification

Sizes 24" 30" 36" 42" 60"

Hot Foil Stamping Machine  
(Manual & Auto Feed)



Technical Specification

Sizes 6"x6" 9"x9" 10"x10" 13"x13"

Sticker Half Cutting,  
Creasing & Perforating Machine



Technical Specification

Sizes 24" 30"

Book Wire Stitching Machine  
(Vicker Model)



Technical Specification

Sizes 5/8" 6/8" 1" 1 1/4" 1 1/2" 2"

Double Head Book Wire Stitching Machine



Technical Specification

Sizes 3/4"

Loop Cum Double Head Stitcher



Technical Specification

Sizes 3/4"

Notching Machine



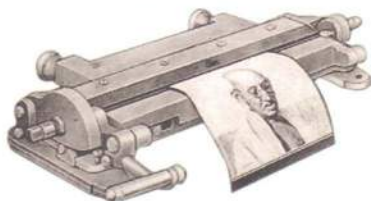
Book Edge Squaring Machine



Technical Specification

Sizes 31 cm

Calender Rimming Machine



Technical Specification

Sizes 24"

Book Sewing Machine



Book Pressing Machine  
(Manual as well as Motorised)



Technical Specification

Sizes 10"x15" 15"x20" 18"x24"

Hydraulic Bailing Press  
(For work paper to board to make ball)



Technical Specification

Sizes 600 x 600 x 900



Steel Rule Cutting & Bending Machine  
25mm (11 Die Set)





295, Industrial Area, Opposite Mall Mandi, AMRITSAR-Pb. (INDIA)

Phone : (O) 0183-2581106, Fax : 0183-5011106

Mob. : +91-98145-93018, 98145-93024

E-mail : [kgrmachines@live.com](mailto:kgrmachines@live.com), [info@kgrmachines.com](mailto:info@kgrmachines.com),

[kgr\\_machine@yahoo.com](mailto:kgr_machine@yahoo.com)

Website : [www.kgrmachines.com](http://www.kgrmachines.com)