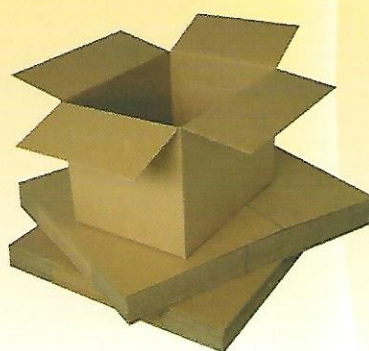




**HIC**

*Innovative, Economical Solutions...*



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Paper Corrugated Board  
& Box Making Machines





## Dual Flute High Speed Single Facer Paper Corrugated Board Making Machine

*Flute change fast, simple & safe*

The DF 40 Single Facer is a bold New Design, it offers high rate of production & enhanced efficiency. The rolls are mounted on roller bearing for smooth running & longer life, minutely finished Flute Rolls result in perfect formation of Flutes, recirculating oil Lubrication system based on high temperature fluorinated grease. Two Pre-Hydraulic Lifting reel stand with double arms lifting and twin unwinding shaft for paper reels are provided with DF 40.

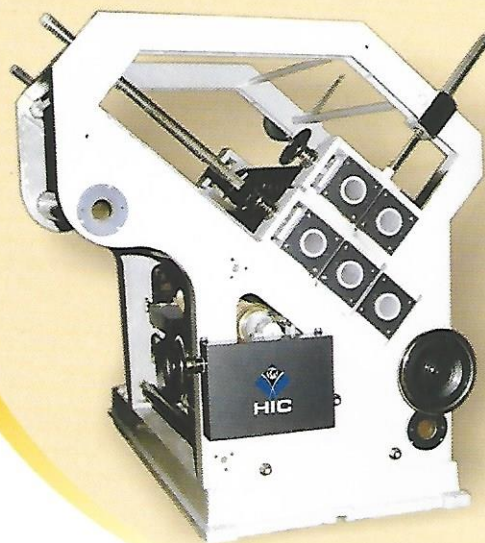
### DF 40 Unique Slide Roll System

**Fast** - This system allows a complete roll change in less than 30 minutes. Rolls are removed & replaced automatically to allow the plant to meet the customer needs without excessive down time.

**Simple** - Once the roll cartridge is in place there are no adjustment to be made and no fine tuning is required.

**Safe** - Even when the rolls are hot, the foolproof design of cartridge roll change can be routinely & safely accomplished, even by less experience crews.

The quick Flute Change capability allows the box plant greater flexibility in scheduling as well as the ability to offer the customer whatever flute profile he needs.



Size	52"	62"	75"
Output P/M	120 ft.	120 ft.	120 ft.
Power H.P.	11 H.P.	13.5 H.P.	16 H.P.
Heating Load	33 K.W.	39 K.W.	on steam

Output depending on heat & paper



## Vertical Type Single Face Paper Corrugating Machine Bearing Mounted

This high speed single facer for making 2 ply board. It offers a high rate of production & enhance efficiency. The rolls are mounted on roller bearings for smooth running longer life, minutely finished flute rolls result in perfect formation of flutes. Helical Gear Box is provided directly attached with the roller by chain.

Simple to operate with manual loading twin shaft reel stand.

Size	42"	52"	62"
Output (PM)	100 ft.	100 ft.	100 ft.
Heading Load	27 kw	30 kw	33 kw
Power H.P.	3 H.P.	5 H.P.	7.5 H.P.

Output depending on heat & paper



## 3 Ply / 5Ply Combined Automatic Paper Corrugated Board Making Plant

We take Pride in building the best corrugated equipment in the industry. Today, technical innovation and change on the corrugators is so rapid that even a relatively recent installation can quickly become out of date. HIC now offers a wide range of paper corrugated board & box making equipment, which enables the user to bring each unit up to the most recent technological trends.

In this machine, the single face web, after an application mechanism had applied adhesive to the flute tips, was brought into contact with the double-face liner at the entry of the machine, and the combined webs then drawn over a series of heated plates by an arrangement of top and bottom heavy woven cotton belts.



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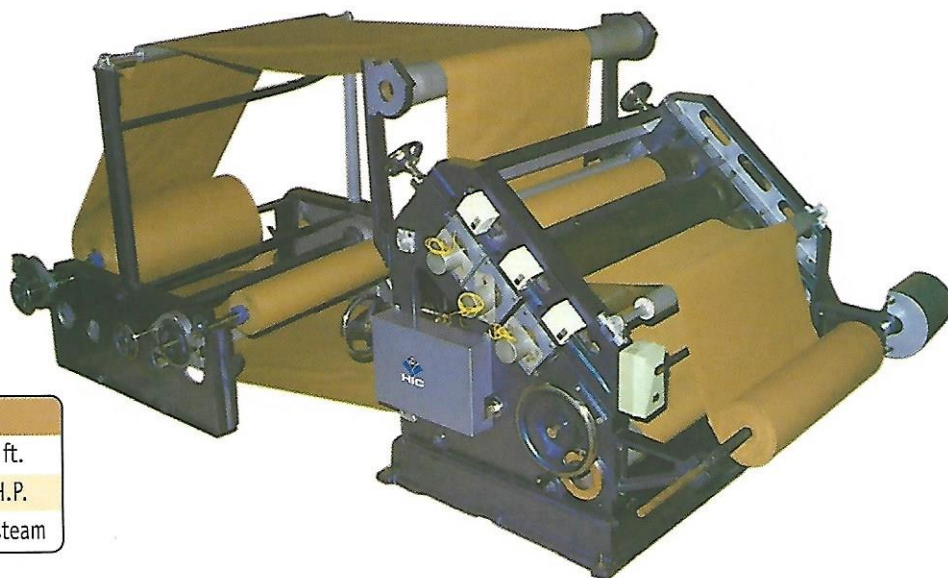
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## Oblique Type Single Face Paper Corrugating Machine Bearing Mounted

This high speed single facer offer's a high rate of production & enhanced efficiency. The rolls are mounted on roller bearings for smooth running & longer life, minutely finished flute rolls result in perfect formation of flutes. Hydraulic lifting reel stand is provided with the above machine. Helical Gear Box is provided directly attached with the roller by chain.



Size	52"	62"	75"
Output P/M	120 ft.	120 ft.	120 ft.
Power H.P.	7 H.P.	9.5 H.P.	12 H.P.
Heating Load	33 K.W.	39 K.W.	on steam

Output depending on heat & paper



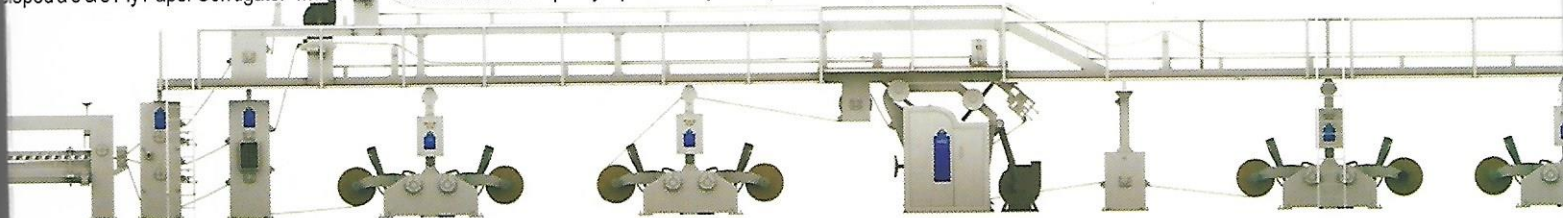
## Rotary Shear

High speed reels to sheet cutter as well as 2 ply corrugated board. This machine can be operated in alignment of corrugating machine instead of rewind & making rolls on single facer.



Size	52"	62"
Cutting Leading (min/max)	20"/100"	20"/100"
Power H.P.	2 H.P.	3 H.P.

Following the hot plate section was a tractor, cooling-temperering section, where the combined web was supported by a bottom belt carried on a bed of idlers. Both top and bottom belts were powered by a series of idlers, extended the full length of the machine. Over the heating section this arrangement kept the corrugated web in intimate contact with the heated plates, providing a good bond. This firm engagement, vital to a good bond, was maintained also in the tractor, cooling-tampering section, which conveyed the web without slippage and crushing to the cut-off mechanism. This firm engagement, vital to a good bond, was maintained also in the tractor, cooling-tampering section, which conveyed the web without slippage and crushing to the cut-off mechanism. Developed a 3 & 5 Ply Paper Corrugator which offers the best HIC quality & productivity with a production speed upto 50 mts. 60 mts & 100 mts per min.







## Board Cutter

Heavy duty hand operated machine to cut the paper or corrugated board

Table Size	48" x 62"	58" x 66"	68" x 70"
Cutting Width	42"	52"	62"
Back Working Length	60"	64"	68"
Front Working	18"	18"	18"



## Sheet Pasting Machine

Hand fed sheet pasting machine is useful for gluing fluted side of board for making 3, 5, 7, ply corrugated board

Size	75"	85"	100"
Output P.M.	60 Mtr.	60 Mtr.	60 Mtr.
H.P. Req'd.	0.5 H.P.	0.5 H.P.	1.0 H.P.



## Sheet Pressing Machine

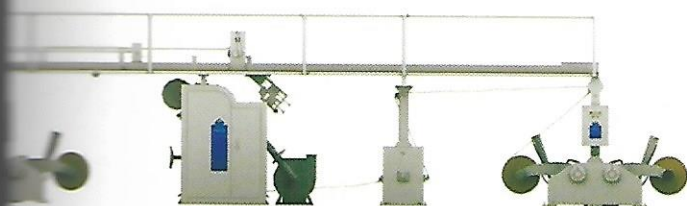
Sheet pressing machine is used for pressing of corrugated sheet. Glued Sheets which are then processed on pasting machines are piled on lower plate & then pressure is applied for some time by lowering upper moving plate.

Size	65" x 75"	65" x 85"	65" x 105"
Height of M/s.	84"	84"	84"
Pressing Ht.	54"	54"	54"
H.P. Req'd.	2 H.P.	2 H.P.	3 H.P.



by a pair of driven puller Roll at the rear of the machine.

for good heat transfer and holding the single face web and the bottom liner in firm



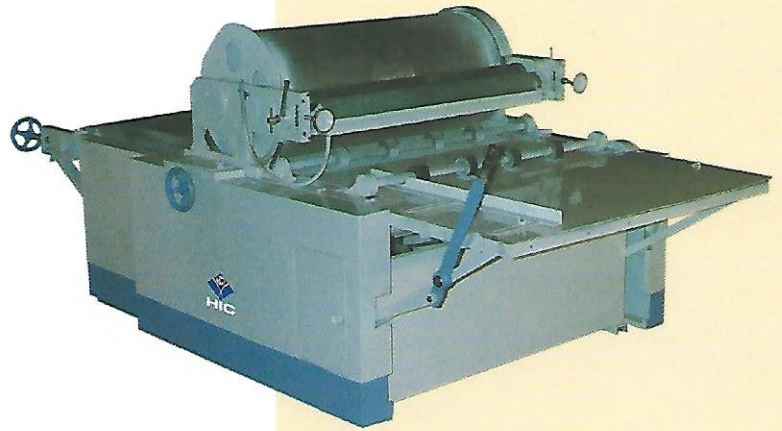
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**FP100**  
**HIC****Flexo Printer**

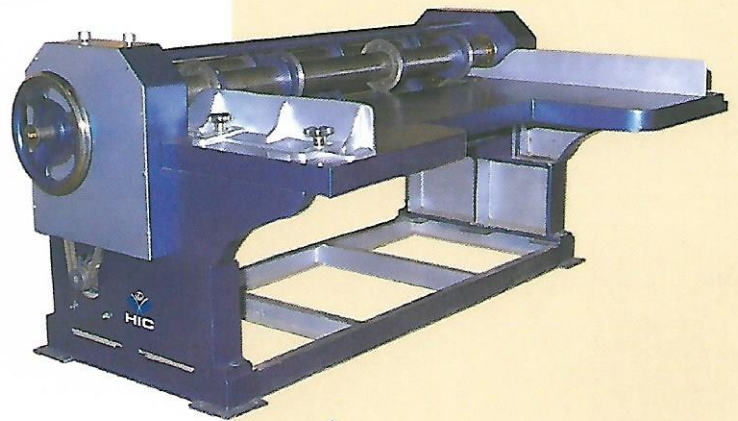
For printing kraft paper & corrugated boards Distinct & precise impression, Instant drying, Extremely simple to operate, Easy accessibility for cleaning

Size	52"X75"	62"X85"
Production P/H	1200	1000
Power H.P.	2 H.P.	3 H.P.

**FRC 100**  
**HIC****4-Bar Rotary Slittering & Creasing Machine**

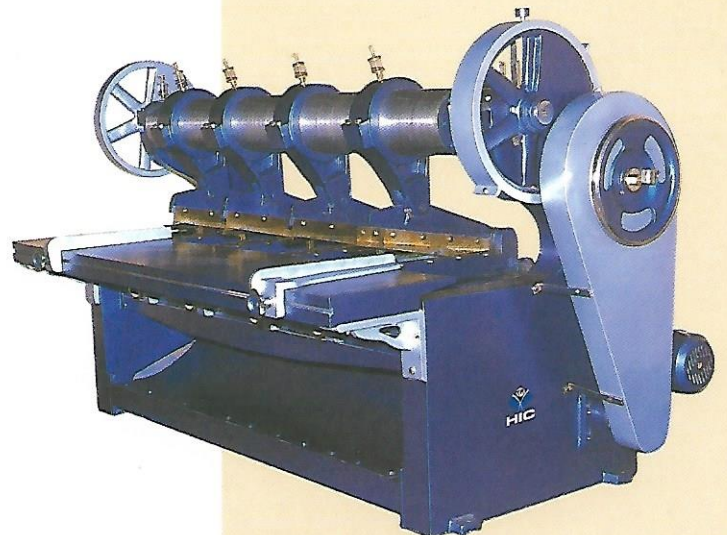
This is useful for creasing and cutting simultaneously. The machine is with two pairs of shafts. For easy feeding two guides, 4 sets of Creasing dies & 4 sets of Slittering dies are provided.

Size	75"	85"	95"
Output P.M.	100 Mtr.	100 Mtr.	100 Mtr.
Min. Distance	3"	3"	3"
Power (H.P.)	2 H.P.	2 H.P.	3 H.P.

**ES30**  
**HIC****Eccentric Slotter**

Slotting & corner cutting is done simultaneously over this machine. It is capable of slotting a number of sheets in one stroke. The distance between two slots and slot depth is adjustable. Two guides are provided to facilitate easy feeding & correct dimension.

Size	75"	85"	95"
Strokes P.M.	30	30	30
Slot Depth	18"	18"	18"
Min. Distance between Slot	7"	7"	7"
Power H.P.	3 H.P.	3 H.P.	5 H.P.





## RS 4

HIC

## Semi-auto Rotary Slotting Machine

This machine can perform slotting, corner cutting, creasing, slicing at same time. It main features of single sheet sending, widely usage.

## Characteristics

- It adopts the chain paper-feeding. • Adopt planet style digital electrical adjustment of 360 degrees • Adjust height of carton synchronous (means adjust four slotting knives together) with electronic counter for record production quantity.
- Equipped with speed variable motor & controller. • Good quality cutter be proceed with heat-treatment.

## Technology Parameter:

Width	2200 (85")
Cutter Die diameter	φ480mm
Max Sheet Size	1450mm×2200mm
Min sheet size	400mm×500mm
Min Slotting Distance	190*50*190*50
Slotting width	7mm
Sheet thickness	2-11mm
Working Speed	0-70pcs/min
Total Power	1.5 kw



## DC 20

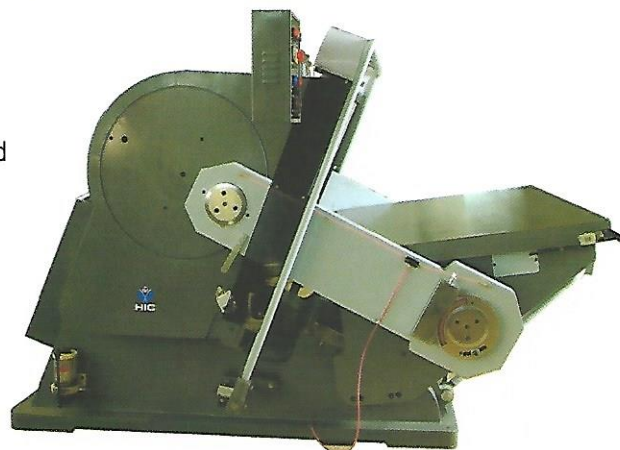
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## Die Cutting, Embossing &amp; Creasing Machine

This Heavy Duty Platen Die Cutter Press is meant for Creasing, Cutting & Punching of Card Board as well as Corrugated Boxes. The Machine is provided with safety Devices like Electro-Magnetic Clutch, Timer, Brake, Trip Bar & Safety Guard for Operator safety.

The Machine is also equipped with Micron Impression Adjustment System, Dwell Timing Device, Centralized Lubricating System, Sheet Counter and all standard accessories.

Size	25" X 37"	32" X 42"	37" X 51"	42" X 62"
Platen Size	28" X 40"	35" X 45"	40" X 54"	45" X 65"
Strokes Max.	1200	1000	900	800
Power H.P.	5 H.P.	7.5 H.P.	7.5 H.P.	10 H.P.



## BSA 250

HIC

## Box Stitcher Angular/Straight

To stitch the card board & corrugated board boxes

Size	30"	36"	42"	48"
Stitch P.M.	250	250	250	250
Power Req'd.	0.5 H.P.	0.5 H.P.	0.5 H.P.	0.5 H.P.



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