

ADVANTAGE

Corrugator



HIC

MACHINERY CO

Innovative, Economical Solutions...

ADVANTAGE Corrugator

Corrugator is an ideal solution for achieving higher production capacity and superior board quality.

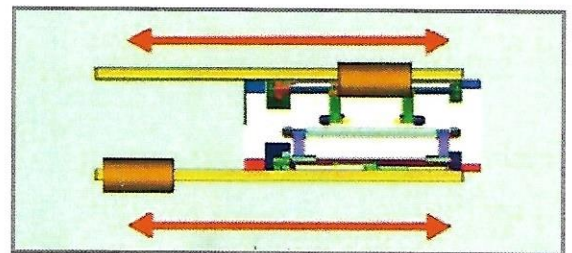
"We take pride in building the best corrugated equipment in the industry. Today technical innovation and change on the corrugators is so rapid that even relatively recent installations can quickly become out of date. HIC offers a wide range of paper corrugated board & box making equipment, which enable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

We want to see 'Made in India' become an Internationally respected label

Our machine are dedicated to our commitment to make this happen.



Track system for the roll handling



RL 150 -MILL ROLL STAND

This machine is used for supply paper for production.

- Operation through push-buttons from the control panel
- Max. load: 2 tons
- Roll diameter : 350 - 1500 mm (14"-60")
- Hydraulic quick movement of the arms
- Hydraulic arms lifting device
- Central support with idler roll
- Pneumatic brakes.



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ADVANTAGE Corrugator

India's Fastest 5 Ply Combined Automatic Paper Corrugated Board Making Plant

Made in India product with complete board line solution

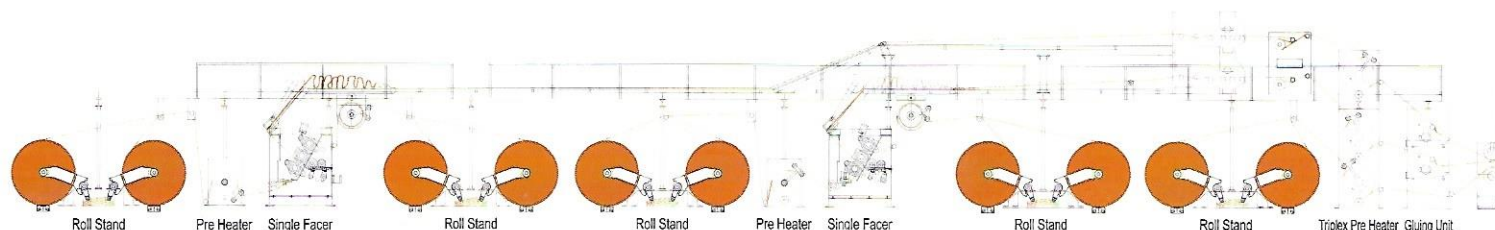
Designed for high speed production of corrugated board with the design speed of 150 meters per min

Production of superior high quality board with multiple flute options.

Reduces production cost manifold.

High performance, robust construction, longer life and sturdiness.

High Dynamatical stability in all production speeds.



SFO 150 – High Speed Fingerless Single Facer

Single Facer is designed for producing Single Facer Corrugated Paper, the medium process into wave – Paper, and pastel glue on the top of flutes, stick with liner becomes into Single facer corrugated paper.

- Max. mechanical speed: 150 m/min.
- AC main motor and drive.
- Main motor drives corrugating roll by use of in line gear- box.
- Upper roll diameter: 320 mm
- Lower roll diameter: 320 mm
- Pressure roll : 330mm
- Fingerless System.
- Integrated pre heater diam. 400 mm
- Glue unit with engraved glue applicator roll.
- Grease lubrication.
- Control desk.



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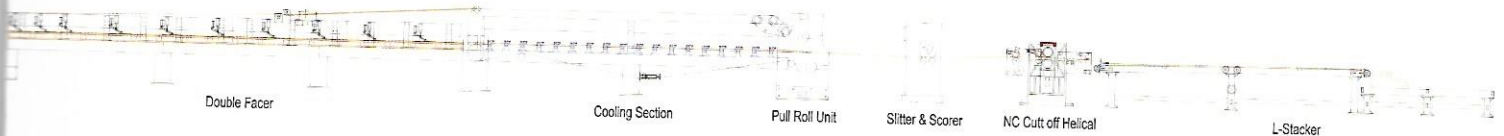
Take up Unit



Over head bridge



Duplex web alignment & tensioning system



PRE-HEATER (TRIPLEX VERSION)



Triplex Pre-Heater is provided before the Gluing Operation. It heats the 2 Ply Board & Plain Paper.

- Hard chrome Rolls
- Automatic Wrap arm positioning.

GLUE UNIT (DUPLEX VERSION)



- Max. mechanical speed: 150 m/min
- Engraved glue Applicator rolls diam.250 mm.
- Chromed doctor roll Motorised control
- Pneumatic control Pressure Roll Dia. 250 mm

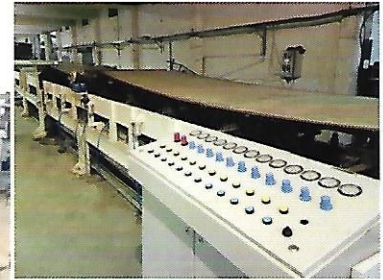


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Double Facer

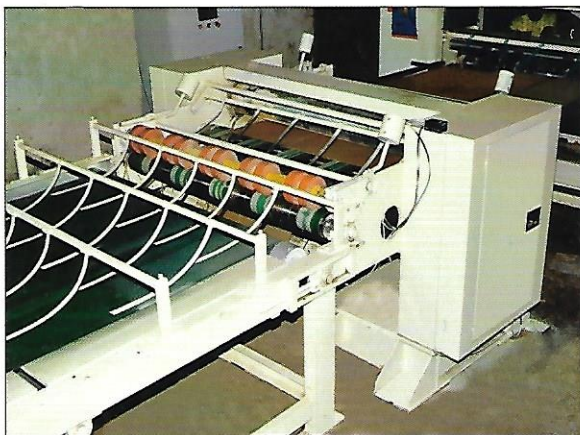
With Special Hot Plates & Pneumatic Press Shoe System



- Heating section with 18 hot plates.
- Heating plates in a special steel construction.
- Low volume steam required.
- Baking & Cooling Section with pneumatic shoe system.
- Integral pre heater diameter 400 mm.

- Pneumatic control belt tensioning section.
- Pneumatic control belt alignment system.
- Main tail drums covered with anti-slip material.
- One set of synthetic belt.
- Integrated control panel.

N.C. Cut-off (Helical)



- India's first Helical Cut Off with Max. mechanical speed 150 mtr/min
- Steel Tempered blades
- PLC Controlled Servo drive & Motor
- In feed section with independent No crush wheels
- Control panel with touch screen

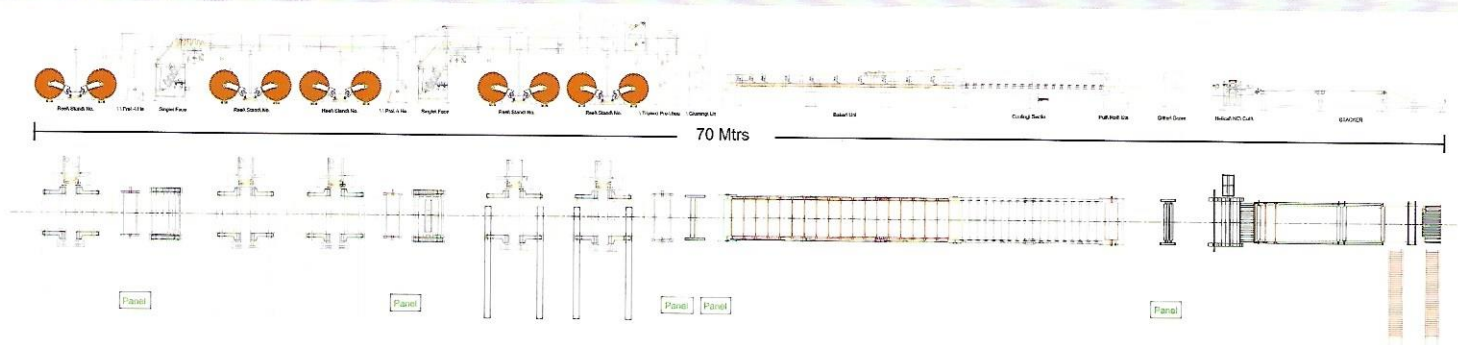
L Stacker



- Automatic Up Stacker with Stack Height : 250mm
- Stack Length : 3000mm
- Stack Speed : 150m/Min

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TECHNICAL SPECIFICATIONS

Design Speed	:	150 Mtrs/min
Working Width	:	1400 mm, 1600 mm, 1800 mm
Total length of the Machine	:	70 Mtrs
Maximum Sheet Length	:	3000 mm
Minimum Sheet Length	:	500 mm
Minimum Working Width	:	600 mm
Maximum Paper Roll Diameter	:	1500 mm
Minimum Paper Roll Diameter	:	300 mm
Core Diameter	:	70 mm
Type of Slittering	:	Thin Blade
Number of Scores	:	4 Set
Glue Type	:	Starch Base
Steam Boiler required	:	3 Tons
Steam consumption	:	180-200 kg steam/metric ton of board
Installed Electric Power	:	171 k.w.
Average Power Consumption	:	110 k.w.
Colour	:	White Grey & Racing Blue



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