

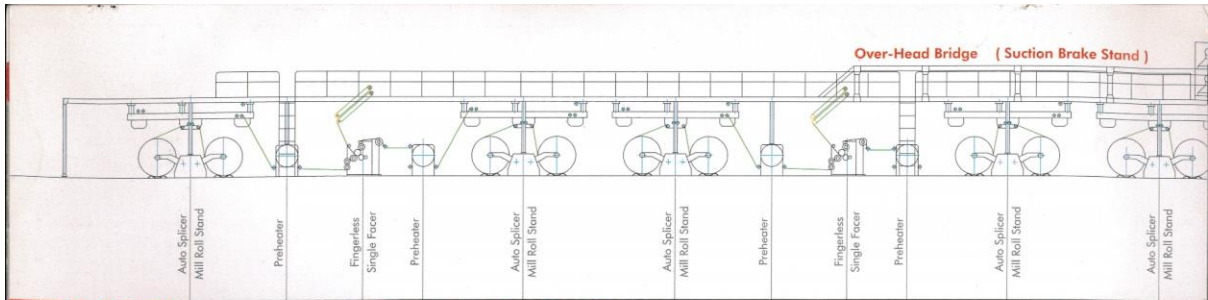
# DOUBLE-WALL CORRUGATING MACHINE

## DOUBLE-WALL CORRUGATING MACHINE

### SPECIFICATIONS

Specifications and design may be changed without prior notice.

Model	160			180			220			250		
MAX. Paper Width	1600 mm			1800 mm			2200 mm			2500 mm		
Steam Pressure	12 kg/cm <sup>2</sup>			12 kg/cm <sup>2</sup>			12 kg/cm <sup>2</sup>			12 kg/cm <sup>2</sup>		
Air Pressure	7 kg/cm <sup>2</sup>			7 kg/cm <sup>2</sup>			7 kg/cm <sup>2</sup>			7 kg/cm <sup>2</sup>		
Design Speed ( m/min )	150	200	250	150	200	250	150	200	250	150	200	250
Steam Cons. ( KG/HR )	2000	2200	2500	2400	3200	4000	3000	4000	5000	3400	4500	5600
Power Required ( HP )	400	500	600	600	700	800	700	800	900	750	800	1000



Over-Head Bridge ( Suction Brake Stand )

**OVERHEAD BRIDGE CONVEYOR**



1. The take-up device and overhead bridge conveyor ensure a smooth take up and effective accumulation of the web.
2. A robust structure, constructed of structural steel and angle iron. The double overhead foot bridge has a safety guard and three sets of stairs for access.

**SUCTION BRAKE STAND**



1. Vacuum pump drive suction brake for web tension on the bridge.
2. Motorized paper guide plate provides web edge alignment with digital indication.
3. Two control stations allow for convenient control on the bridge and operation table of double backer.

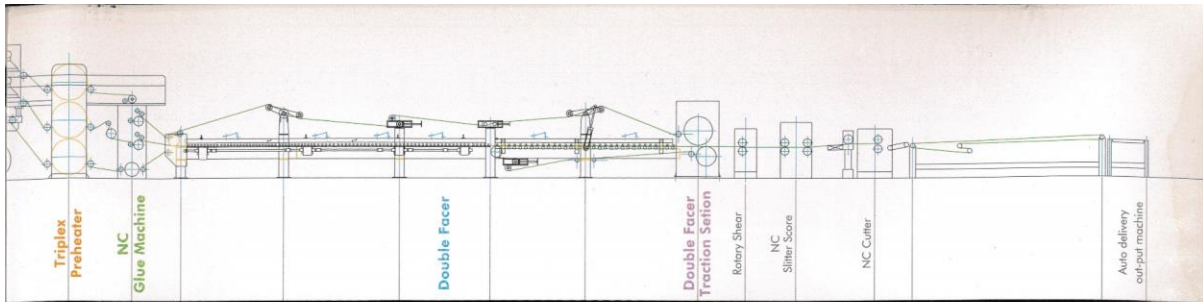
**TRIPLEX PREHEATER**



1. The machine will ensure the preheating effect in high speed.
2. Stabilized and totally machined cast- iron frames of high robustness.
3. Motorized adjustment for wrap roll to best heating surface.

DOUBLE ROLL STAND (DRS)  
 DOUBLE FACER (DF-5)  
 GLUE MACHINE (GM-4)  
 TRIPLEX PREHEATER  
 SUCTION BRAKE STAND  
 OVERHEAD BRIDGE CONVEYOR





### GLUE MACHINE [ GM-6 ]



1. Glue roll and doctor roll are chrome plated after precision ground.
2. Rider roll lifting or loading controlled by pneumatic cylinder.
3. Powered micrometric adjustment for gluing specific quantities with an accurate digital display.
4. Optional contact bar for optimized quality.

### DOUBLE FACER [ HC-5 ]

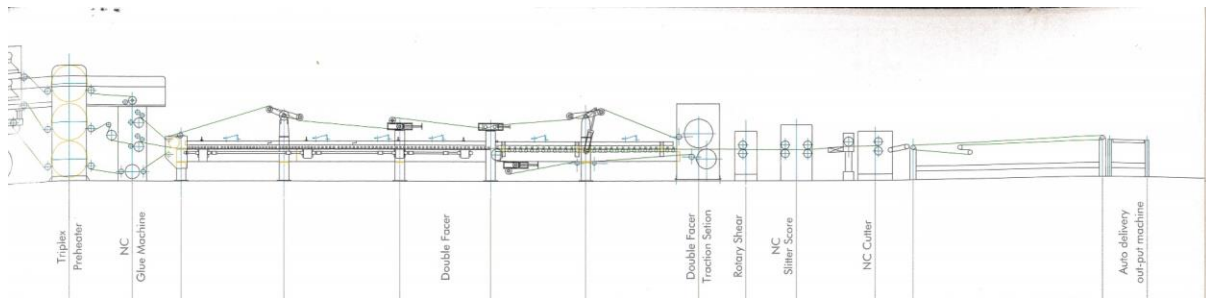


1. Main frame with 15" channel steel.
2. Quantity of heating plate depends on machine working size and speed can be 16 pcs or 18 pcs or 20 pcs.
3. Heating plate is precision ground and hard chrome plated.
4. Pressure of weight rolls are adjusted by air cylinder. Weight rolls are divided into 4 sections for adjusting the pressure from weight rolls increase running speed and eliminate the sheet board warp up.
5. Tension control of the upper canvas is operated by air pressure adjustment.
6. Canvas lifting up to 120mm for easily cleaning by hydraulic cylinder.

### DRIVE ROLL STAND [ DR-5 ]



1. The drive rolls are wrapped with double helically grooved rubber, ensuring dependable grip for the canvas.
2. The gears are hardened and precision ground for maximum wear resistance.
3. An oil bath lubricated gear box ensures long service life.

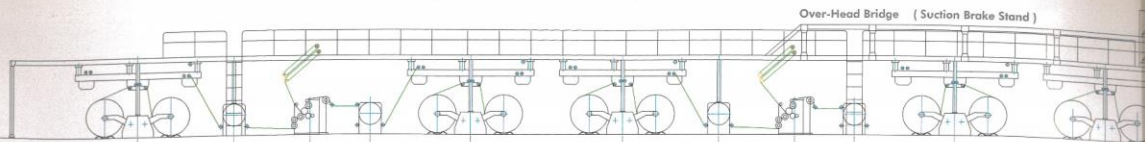


## ☒ FINGERLESS SINGLE FACER [ SF-200 ]



1. Fingerless vacuum system easy to operate, with high reliability and low maintenance without plugging trouble.
2. Glue applicator unit moves by slide block system, high stability and reliability.
3. Adjustment for corrugating roll and pressure roll is controlled by air cylinder.
4. Motorized glue dam device, easy control to suit the web size fast and accurately.
5. Digital display of glue gap.
6. Top and bottom corrugating roll made of special alloy steel with heat treated and chrome plated hardness Hs 75.
7. Pressure Roll made of special alloy steel with heat treated and chrome plated.
8. Corrugating rolls, pressure roll and glue roll are equipped with heavy duty roller bearing.
9. Seal type gear box of single facer assures safety and cleaning.
10. Design machine max. speed : 200 m/min.





Auto Splicer  
Mill Roll Stand

Preheater

Fingerless  
Single Facer

Preheater

Auto Splicer  
Mill Roll Stand

Auto Splicer  
Mill Roll Stand

Preheater

Fingerless  
Single Facer

Preheater

Auto Splicer  
Mill Roll Stand

Auto Splicer  
Mill Roll Stand

## ❖ MILL ROLL STAND [ MRS-7 ]



1. Shaftless and double swing arm type.
2. Fully hydraulic system.
3. Equipped with electric push buttons to operate raise/lower, open/close and later adjust functions.
4. Tension Control: by air brake or multi-pad brake as optional.

## ❖ AUTO SPLICER [ ASP-8 ]



1. Suitable Roll Stand : Swing Type.
2. Auto-splicing speed : 100~150 m/min ( subject to paper quality and paper width.)
3. Automatic splicing for roll waste provides full utilization of paper, and eliminates paper waste.
4. Equipped with automatic paper tension controller for automatically adjusting braking pressure during splicing, preventing corrugated board wrapping due to non-uniform tension.

## ❖ PREHEATER & PRECONDITIONER



1. The machine is suitable to dry the paper with consistent quality.
2. Drum manufactured under pressure vessel safety standard.
3. Motorized adjustable wrap roll for best wrap angle.

❖ MILL ROLL STAND [ MRS-5 ]  
❖ AUTO SPLICER [ ASP-1 ]  
❖ PREHEATER  
❖ FINGERLESS SINGLE FACER [ SF-200 ]