

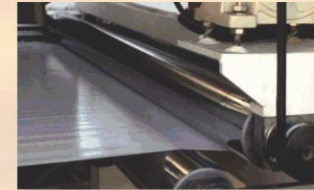


The Performances >>>>
WORKMANSHIP

SHREE

Harsiddhi Engineers

PAPER IMPREGNATING PLANT FOR HIGH PRESSURE LAMINATE (DRYAR)



- A : Dual Unwinders With Joiner
- B : Autosplicing Device
- C : Impregnation Device
- D : Ductor Rolls
- E : Air Flotation Dryers
- F : Main Blower
- G : Air Cooling Zone
- H : Web Alinger
- I : Water Cooling Station
- J : Rotary Cutter
- K : Collection Table
- L : Moisture Recover Ducking
- M : Main Electrical PLC HMI Control

PAPER IMPREGNATING PLANT FOR HIGH PRESSURE LAMINATE (DRYAR)

OUR PRINCIPAL FOR MACHINE

The running cost should work out at the minimum. In other words, the cost per mtr. of the products produced OR the cost of running the plant per min should be minimum.

B. Approach to the maintenance components should be very simple thereby reducing downtime. In other words, machine should be back in productive use as fast as possible.

C. SparesParts should be easily available to the customers from heas Nearest enviornment.LOHAR does not believe in the Philosophy of living on sales of spares. We are more happy designing new machines.

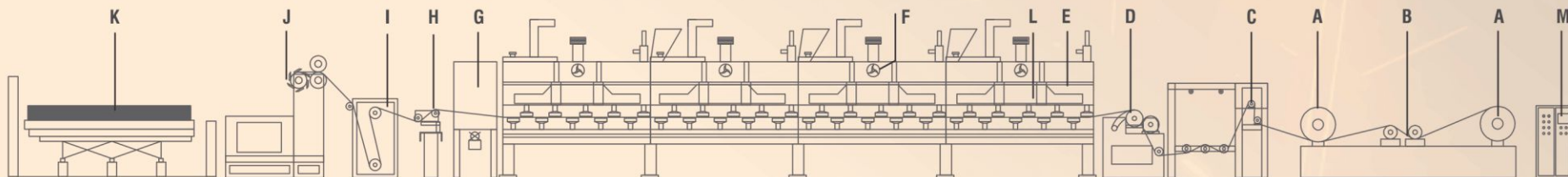
Talking about the variety on parameters of the plants manufactured by us, following are some brief details:

Length of machine	: From min. 5 mtr. length to max. 40 mtrs. long machine.
Height	: From normal 2 mtr. To 2.5 mtr.
Thickness of base material treated on our machine	: From min. 18 GSM (tissue paper) to max. 500 GSM (paper & cloth)
Thickness of Coating / Impregnation	: As per resin (chemical)
Machine Speed	: From min 1 mtr/min to max. 100 mtr/min.

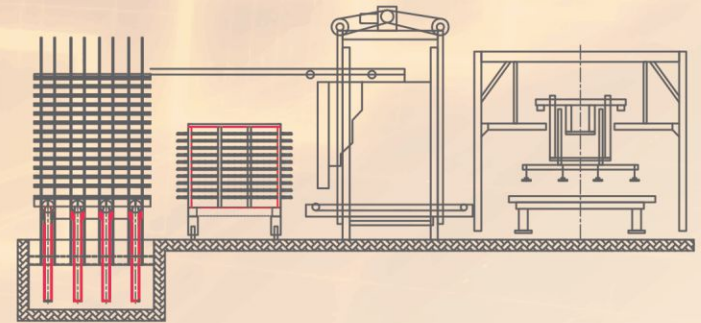


Rotary Cutter

- High Speed precision rotary cutter - 3600 sheets/hr
 - Sample cut & counter provision
 - Air handling of cut sheet
- Accuracy of cutting 3 mm at all speed



HPL LOADING UNLOADING SYSTEM



Application features :

Our Material handling System is maintenance Free, We Are Not Use Any Hydraulics Cylinder in our System Is Totally Mechanically Break-Down Free & Free To Any Oil Leakage Problem in Your Product.

The Auto and manual cycles of the system are divided in sections so as to operate the system with minimum down time during continuous operation. For certain interlocks disturbing the system in fully automatic mode the system can be operated with that particular section to be operated manually and the remaining works on in auto mode. The automation logic of the system is easy to understand and is susceptible to minimum disturbances while operation.

HPL Loading Unloading System

Three Stage Cage, Mechanical Puller-Pusher, Lift Elevator For Loading & Unloading, Forming Table, & Assembly Table, & P.L.C. HMI operated or push button operated panel board. Complete Electro-mechanical system. Safety Future For men.

Plywood Loading-Unloading System

Consisting of Twin Cages, Puller-Pusher, assembly tables, marry-go-round conveyors, vacuum-lift hoist with power pack and panel board.

- THREE STAGE CAGE** : Heavy Square Tube Structure And Bright Flat Heavy 80 thick.300 mm Dia Wheel With 3 Hp. Gear motor Drive
One Part For Loading , Second Part For Storage For S.S Mould, Third Part For Unloading
- PULLER PUSHER** : Mechanical Puller-Pusher Silent Running Vibration Free 80 mm Dia Screw With Broughton Nut, 3Hp.Gear Motor
- LIFT CONVEYOR** : Vertical Mechanical Travel at speed 75 mm/Sec .Assembly with two Chain conveyor, One For Loading & Second For Unloading,Four Side Lifting Chain & Guide Roller For Eyes Up-Down, One For Assembly Loading &One For Ready Material Unloading
- FORMING CONVEYOR TABLE TWO SET** : One Table For Forming & Second Table is Unloading twin chain conveyor to take over the cured stacks from the Lift Conveyor.
- VACUUM LIFTER** : To transfer S.S.mould plates & Carrier Plates Both Assembly Table & Rest Tables. We Use Vacuum Pump, Auto Close-open Valve Fully Automatically Operated Imported Vacuum Cups(Silicon Rubber),A.c Variable Drive High Speed Running Electrical Panel With remote.

COLD PRESS



Silent features

- Top Plate 25 mm. & bottom platen 35 mm. designed to generate and handle uniform pressure.
- I-Beam & Channel welded structure for long life.
- Auto pressure control system to maintain pressure within limit through out pressing cycle.
- Operation cycle timer.
- PLC Controller for simultaneous and continuous pressure on work piece.
- ALL Hydraulics Parts & Electrical Component Are Standard Company
- Hydraulic Cylinder with imported Make Spearage seals.

Description	Unit	SHE-1050,SHE-1100,SHE-1150
Capacity	Ton	50/100/150
Platen Size	mm	2500 X 1300
Max Opening	mm	1200
No of cylinders	Nos	2/4/6
Cylinder stroke	mm	90x125 Bore x 1000mm Stock
Power pack	Hp	5/7.5
Overall dimensions (LxWxH)	mm	3100X1300X3100
Electrical Panel Bord	Auto / Manual	PLC / HMI

INBILT BOILER HOT PRESS



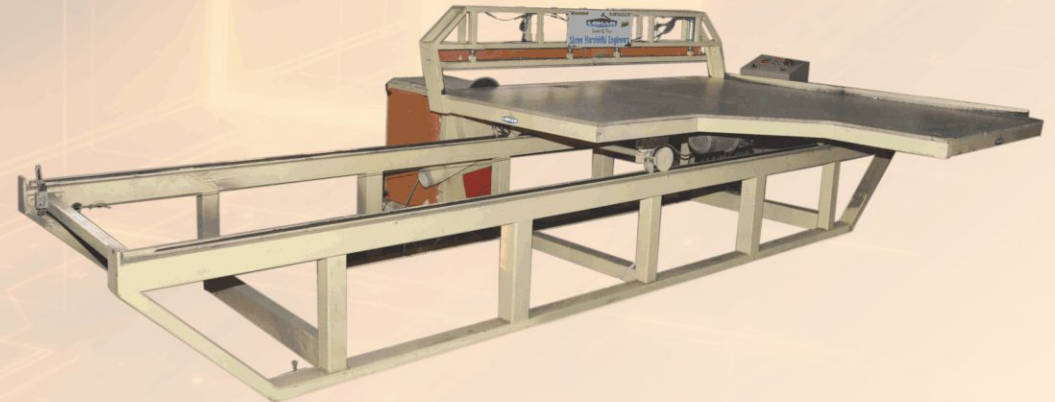
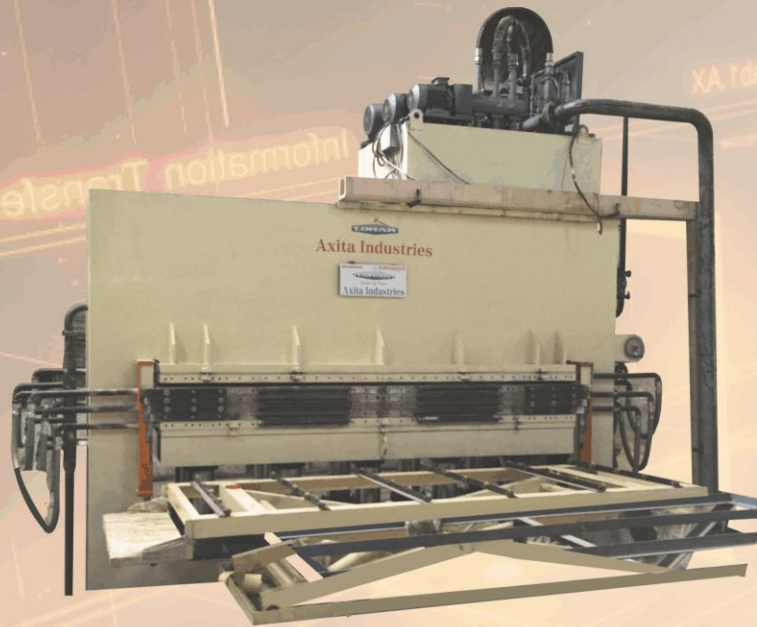
Silent features

- Heavy duty (SAIL) high quality fabricated steel structure.
- Guaranteed Leak proof hydraulic cylinder.
- Uniform heating in all Platen.
- Accurate welded and Plano mirror machined for minimum deflection.
- High Quality power pack. - Maintenance free press

	Unit	Two Daylight	Three Daylight
Capacity	Tons	300	300
Specific Pressure	Kg/Cm2	12 on 244cm x 122cm	12on 244cm x 122cm
Platen Size	mm	2600 x 1350 x 42 +	2600 x 1350 x 42 +
No of Daylight (Platens)	Nos	2 (03 Plates)	03 (04 Plates)
Daylight Gap	mm	80	80
No of cylinders	Nos	08	08
Heating Medium	-	Thermic Oil	Thermic Oil
Heating Power	KW (HP)	21(30)	27 (38)
Booster Pump	HP	3	3
Fulley automatic Power			
Pack and Control Panel PLC HMI	HP	7.5	7.5

PLYWOOD PRESS

ROTTY CUTTING MACHINE (LAMINATE SHEET CUTTING MACHINE)



Features:

- Window frame / fabricated structure from tested steel
- Precisely welded and machined for minimum deflection
- Close frame for maximum rigidity in all directions
- Equal thermal condition in all daylight
- Manual, semi automatic & automatic controls through PB/PLC

Specifications:

Product (MM)	Platen (MM)	Capacity (Tons)	Specific Pressure
1220 x 2440	2600 x 1350	280	9.4 Kg/cm ²
2440 x 1220	2600 x 1350	480	15 Kg/cm ²
2440 x 1220	2600 x 1350	640	22 Kg/cm ²
2440 x 1220	2600 x 1350	800	28 Kg/cm ²

Technical Specification

Description	Unit	SHE - 301
Table Size	mm	2650 x 2600 (8.8' x 8.7')
Base	Mm	5200 x 1200
Hight	mm	920
Work Piece Size	mm	2440 x 1220 (8' x 4')
Pneumatic Arrangement For		
Sheet Locking System Pnumatic cylinder	4 Nos.	
Dia. of Exhaust Hood	mm	100
Main Drive motor	HP	10 HP 2800 R.P.M
Cutter DIA		14' X 3.2 X 30 X 96 Teeth.
Autto Push Trolly System Gear Motor	HP	2HP AC. Variable Drive

SCISSOR LIFT

MOVABLE HYDRAULIC SCISSOR LIFT

WRAPING MACHINE



Application features :

"LOHAR" Shree Harsiddhi Engineers SHE- 113 Platform Lift Moving Lift can contribute greatly to improve in workers safety, reduction in labour cost, eliminate the need of expensive and time consuming scaffolds and ladders. It is being used for overhead electrical maintenance, Welding, painting, Steam and oil pipeline repairs and air condition ducting in all types of industries. This equipment is tailor made to suit customer requirements. Available both mobile and stationary, helps operator to lift or transfer loads from floor to floor, loading to vehicles or unloading and also for doing maintenance work conveniently at any working height. The equipment can be moved up or down and stopped at any intermediary position. Hydraulic cylinders are fitted with excess flow check valve to allow safe descent in the event of hydraulic failure. Platform is covered with anti-slip plywood for the safety of the operator. Standard models are also available and the customer has the



option for either manual, Power operated or battery operated. Available in different capacities and for different heights, catering to the specific application the industry needs, these equipment's will be ideal in improving efficiency and also takes care of safety of men and material.

About Technical Specification Scissor Lift

- Capacity : 100 Kilogram TO 10,000 Kilogram.
- Loads the material : Till Max. 13 meter height

Description	SHE-113
Capacity	Max. 30 Metric Ton.
Height	Max. 12 Meter (12,000 MM.)
Operation	Hydraulic. Power pack
Platform Size	8"X4", 6"X4, 4"X4" 10"X5", 10"x7"



Application features :

Pre-Laminates Sheet / flush doors / PVC Board/hydensify sheet / laminate (mica) And any other plywood or laminate product Wrapping Machine

Technical speciation

STRUCTURE : Will be made out of ANGLES and PIPES

Size: 4' Foot loading

WORKING TABLE:

Model-1 Both(Two) side Roller Tables,

Model -2 One side roller table & one side Belt conveyor .

FEED ROLL : Two Rubber Coated Roll.

PRESSING ROLL : Manual OR Pneumatic Cylinder.

POWER : 2 H.P. Gear motor A.C. variable Drive. Electrical panel.

SPEED : 0.1 to 20 Mts\Min.

ABOUT Shree Harsiddhi Engineers

Shree Harsiddhi Engineers has been in operations for more than 25 years by Mr. Manoj Panchal. We are the manufacturers of Laminate Plant Machinery & Plywood Plant Machinery like Beam Saw, HPL Hydraulic Press, Cold Press, Pre Press, Lift Conveyour, Scissor Lift, Cutter Machine, Wrapping Machine, Automatic DD Saw, Loading Unloading handling systems, Plywood laminate press & short cycle, Impregnating Plant (Dryer) etc...

We Are developed Material Handling System for Laminate Sheet, Particle Boards, Hylem & becklite Manufacturing unit. Material Handling Systems & Vacuum Lift-Hoist are working successfully all over India. More than customers 200 in India Ltd., Ronak Laminates Pvt. Ltd (Gujarat.) Vission Laminate(Gujrat.) , Shree industries (Gujrat),Metro Wood Partical Boad (kerala), Sunder Laminates(Andhra),Goenka Veener Pvt.Ltd.(Nagpur M-H),Uttam Laminate Pvt.Ltd.are using . Vritli impex P.Ltd. Space Wood P.Ltd. Delux Recycliing India P. Ltd. (M.H.) A.R. Polymas P. Ltd. & Bankey Bihari Plywood P.Ltd. (Kanpur)

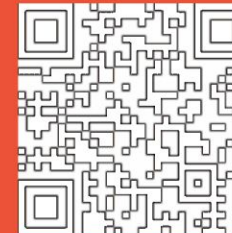
DUST COLLECTOR



Technical Specification

Motor- 3 Phase		2 HP / 3 HP / 5 HP		
Inlet Diameter	inch	4" x 2 / 3 - 4" x 2 / 4		
		2 HP	3 HP	5 HP
Air Volume	cfm	1250	1850	2800
Bag Diameter / Lenoth	inch	19 x 36	19 x 36	19 x 36
Machine Dimension (LxBxH)	inch	52 x 23 x 44	62 x 24 x 44	72 x 30 x 48
Approx. net weight of machine	kg	80	100	150

Note : Double bag 7.5 HP model is also avail lable



SHREE HARSIDDHI ENGINEERS

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