





Now present in Sri Lanka and Nepal with better after sales service.  
All important spare parts are given as free with machine (Only with abroad clients).

MAP NOT TO SCALE

-  CTC Network
-  Milestones in progress

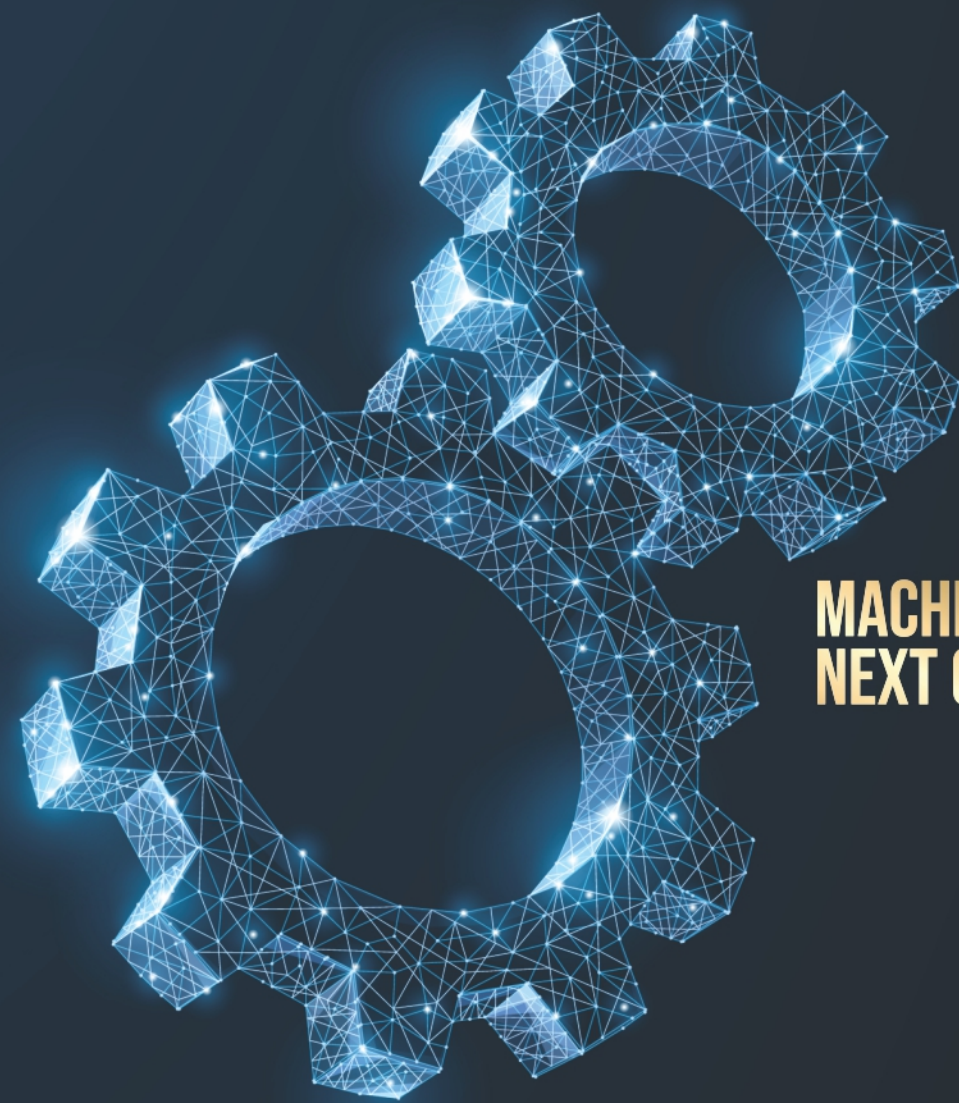
#### CTC NETWORK:

New Delhi | Punjab | Haryana | Uttarakhand | Uttar Pradesh | Gujarat | Madhya Pradesh | Bihar | West Bengal  
Karnataka | Kerala | Nepal | Assam | Meghalaya | Nagaland | Rajasthan | Andhra Pradesh | Tamil Nadu | Sri Lanka  
and Gabon South Africa



Opposite Dimple Cineplex, Yamuna Nagar Road, Jagadhari-135 001, Haryana, INDIA  
For Machine Enquiry: +91-9896460010, 9017610005  
Customer Care@ 9017610005, 8199900219  
Email : admin@chopaltimber.com  
www : chopaltimber.com

Image makers\_9310612997



## MACHINES OF NEXT GENERATION

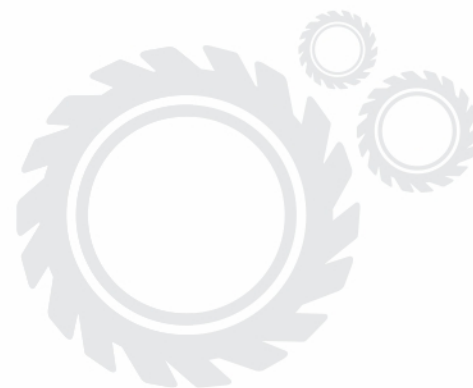
COMPANY PROFILE CUM PRODUCT PORTFOLIO 2019-20

www : chopaltimber.com

## CONTENT

We are	01
Reason to choose CTC's Machine	02
After Sales Services	02
Comparison with other Hydraulic and Non-Hydraulic Peeling Machines	03
Our Esteemed Client	04
Media and Promotion	05
Network	06
<b>PEELING MACHINE SECTION</b>	
CTC-Jupiter	08
Siemens Model	09
India Model	10
High Speed Model	12
8 Feet Model	14
Super Heavy Debarker Model	16
Super Heavy Debarker Model With Chipper	17
Heavy Debarker Model	18
Complete Peeling Line Model	19
Comparison Chart	20
<b>WIDE BELT SANDER SECTION</b>	
Single Head Sanding Model	22
Double Head Sanding Model	24
Calibrator Model	26
<b>CORE DRY PRESS SECTION</b>	
Core Dry Press Model	28
<b>OTHER MACHINERY SECTION</b>	
Vertical Panel Jointer	32
Glue spreader & Hot Press	33
Steel Wool Machine	34
Knife Grinder	35
D.D. Saw Machine	
(a) Manual D.D. Saw	36
(b) Full Automatic D.D. Saw	37
Veneer Stitching Machine	38
Dust Collector	40

*Where Passion for Productivity Prevails!*  
*Wooded by Wood!!*

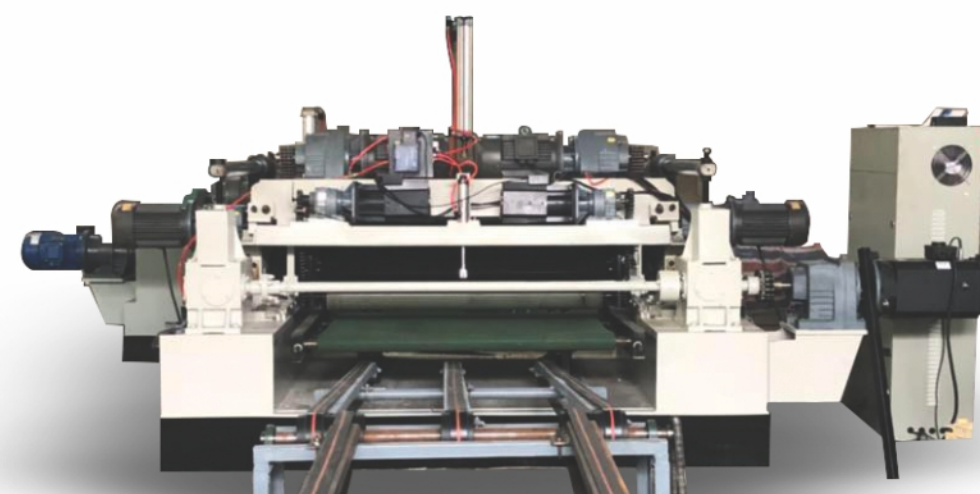


## WE ARE

Established in 1992, Chopal Timber Company (CTC) has emerged as a leading name in veneer solutions with high-tech machinery for manufacturing units in Plywood and Wood Industry. Association with Sagar Plywood has served the company well not just in terms of experience and expertise but also in understanding the market and giving customer satisfaction the requisite importance. It was inception by leaders in the plywood manufacture business as they were well versed with the troubles that plagued the industry. The quest to conquer the problems drove them to find effective solutions. Distressed by low wood recovery, quality issues, breakdown and much more, they introduced the most advanced technological solutions in terms of machinery that was fully computerised, controlled log management, was cost effective, experienced less breakdown and negligible thickness variations. While the traditional hydraulic machinery was good only with fresh wood log, the new machines produce high quality veneer with dry wood too. As a long-term partner, a trusted and cost effective solution provider, CTC has rightfully earned the crown for the most preferred company.

## LOG IN TO A WORLD OF FINESSE!

Chopal Timber Company is a quality driven name that comes with the backing of name that comes with the trust, earned with years of experience in the field and consistently high quality standards. From manufacturing veneer, the company has grown to encompass in its fold the manufacture and supply of machines for crafting veneer. With technology sourced from global leaders, the machinery is adapted to match Indian standards and Industry requirements. While maintaining the momentum it has shown exponential growth in last two years. It has sold more than 500 machines, with the focus on providing high quality machinery and thorough after service in India & Nepal. Leaving no stone unturned when it comes to delivering services or products. Innovation, Efficiency, Productivity and Customer Satisfaction are the hallmarks of the company that prides itself for its peerless products and unmatched after sales services that are an integral part of the brand experience.





## REASON TO CHOOSE CTC'S MACHINE

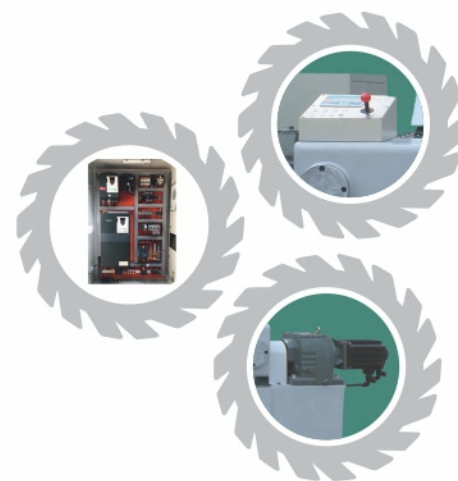
Chopal Timber & Company provides leading technical support and services to get-away the industrial manufacturing issues in your rising organizational structure on right time. Our complete set of services also includes machine's warranty, field services & spare parts services management. The only company that provides end to end services which caters to your comprehensive needs. We always use original spare parts for the replacement purpose and to avoid the breakdown time, which gives you highly productive and quality results. We understand our work that's why we are known the best in the market.

Rest assured that not only do we provide you with the most advanced technology, but also provide you with international standard after-sales services. We are always just a phone call, email or message away from helping you out with any form of trouble you may have with your product. Do feel free to contact us any time and we will be glad to be of help.



## AFTER SALES SERVICES

The story doesn't end on selling & installation, but it all starts from there! At Chopal Timber Company we don't just sell & install the machine but also make sure that our client stays satisfied and contented with our product and after sales support. We take the utmost pride in the efficiency of our products but acknowledge that there can arise situations when the machines require servicing in the form of part replacement, repair or upkeep. As dedicated as we are to provide you with the latest and very best technology. We can readily supply you with spares and replacement of parts. All parts are authentic and our team of mechanical and technical engineers is always at hand to assist you.



## COMPARISON WITH OTHER HYDRAULIC AND NON-HYDRAULIC PEELING MACHINES

Properties	With-Spindle Peeling Machines (Hydraulic Peeling Machines)	Without Spindle Peeling Machines	CTC Peeling Machines
Wood Recovery	Low	Medium	High
Log Loss	High	Medium	Low
Quality of Produce	Higher fiber on veneer surface that reflects badly on the quality of the product	Uneven, varying thickness that reflects badly on the quality of the product	Smooth finish with core or thickness variation under control resulting in high quality product
Quantity of Produce	Substandard goods with low appreciation in the market	Low quality that needed to be greatly improved upon	High quality product with international feel
Breakdown	Very few breakdown but if problem occurs need a specialized person to repair at higher cost	Frequent breakdown	Negligible breakdown. No need any specialized person even peeling operator may fix the issue.
Lubrication	None, to be done manually	Lack of lubrication that led to low yield	Machine self-lubricates every half an hour
Servicing	Difficult to service and needs a experienced and specialized mechanic to repair	Machines that required specialised mechanics who are difficult to locate at higher cost	Low maintenance machines that are imported but have been adapted to Indian standards with efficient servicing team
Labour Requirement	Labour intensive	Requires specialised labour	Can be operated by local labour and requires 40-45% less labour
Working	Not Automatic	Not Automatic	Fully Automatic and computerised

## CTC CONSULTANCY SERVICES

WE PROVIDE SERVICE TO INSTALL FOLLOWING UNITS:

- Particle Board plant
- Plywood manufacturing plant
- Lamination Plant



## OUR ESTEEMED CLIENT

**DURO**  
NEPAL

**MAYUR**  
PLYWOOD  
NEPAL

**VISWAK PLYWOOD**  
SRI LANKA

**ARCHIDLAM**  
HEALTHY BREATHING  
DECORATIVE LAMINATE

**Kitply**  
Ply Mane Kitply

**BLACK COBRA**  
PLYWOOD  
Its Engineered Wood  
EK NAYI SOCH EK NAYA ANDAZ

**satguru**  
AGRO INDUSTRIES  
(AN ISO 9001:2000 CERTIFIED COMPANY)

**Shivam Wood Industries**  
An ISO 9001:2000 Certified Company

brought to you by :  
**sunrise**  
Plywood Industries

www.ramaply.com  
**ramaply**  
मजकुरी बेमिसाल, पने सारो सल

**UNITED**  
TIMBERWORKS

**Ganga Veneer**

**A.K. Industries**

and many more....

## INDIA WOOD EXHIBITION, BANGALORE



## DELHI WOOD EXHIBITION



## NEPAL WOOD EXHIBITION

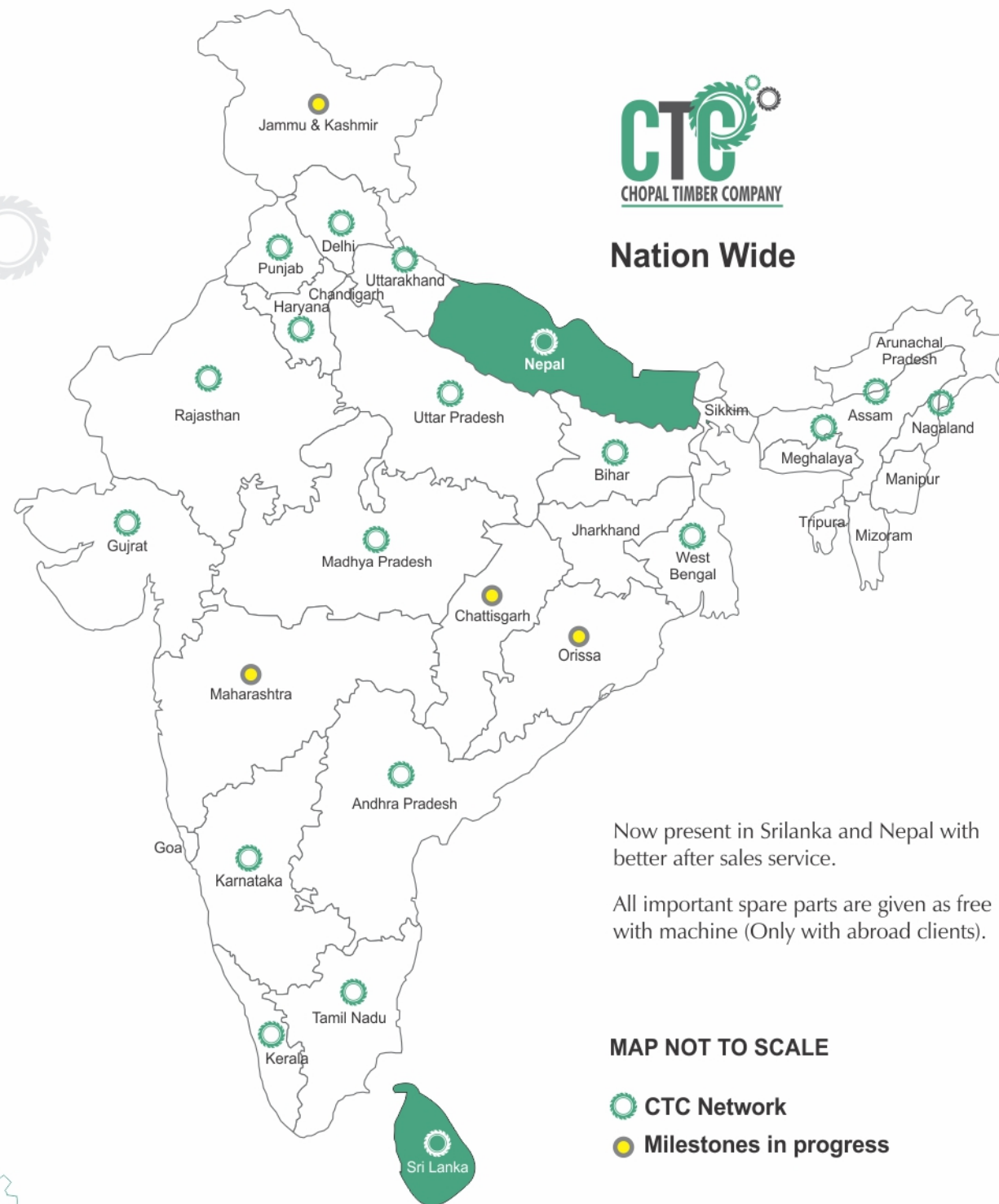


## SRI LANKA WOOD EXHIBITION





## Network



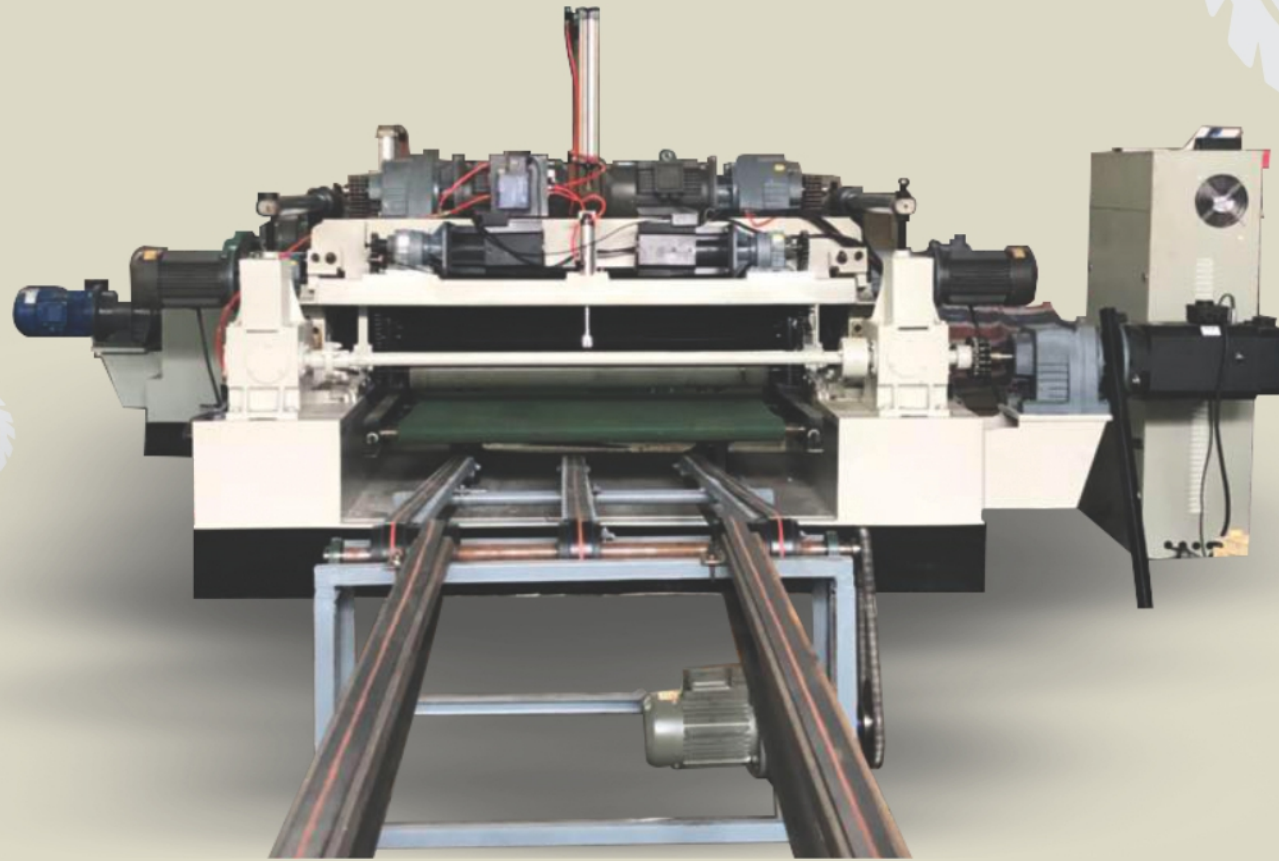
**CTC NETWORK:** • New Delhi • Punjab • Haryana • Uttarakhand • Uttar Pradesh • Gujrat • Madhya Pradesh • Bihar • West Bengal • Karnataka • Kerala • Nepal • Assam • Meghalaya • Nagaland • Rajasthan • Andhra Pradesh • Tamil Nadu • Sri Lanka and Gabon South Africa

# PEELING MACHINE SECTION





## Peeling Machine CTC-JUPITER



### HIGH SPEED CTC-JUPITER

SPEED	120MTR/MIN
MOTORS	CHINESE MOTOR HUALI BRAND
SERVO MOTORS	THREE SERVO MOTORS
VFD	ADT VFD'S
WEIGHT	6.5 - 7.0 TONN. APPROX
SPEED	HIGH SPEED VARIABLE
SPEED CONTROL	IMMEDIATE CHANGE FROM LOW TO HIGH
BLADE SIDE ROLLER	DOUBLE GEAR BOX
DOUBLE ROLLER	DOUBLE GEAR BOX
FEEDING	SINGLE GEAR BOX
CORE VENEER QUALITY	VERY FINE QUALITY (WITH KNIFE TILTING SYSTEM)
STRUCTURE	40MM IRON PLATE STRUCTURE
ELECTRICAL COMPONENTS	SCHNEIDER COMPONENTS

## Peeling Machine HIGH SPEED PEELING CTC-HS 18.1 (WITH FOUR SERVO MOTOR)



### MACHINE SPECIFICATIONS

We at CTC innovating and working as a team to give unmatched and cost effective products. Our High Speed Model CTC-HS18.1 is Top end equipped with Siemens / Schneider accessories. This machine operates @ 120 meters per minute, higher than the hydraulic version. The electrical panel is dust free, moisture free and AC cooled. AC maintains the inside temperature of panel for efficient working of electrical equipment like AC drives, PLC etc.

### SPECIFICATIONS

- Machine comes with inbuilt clipper and conveyor of twenty / forty feet length.
- Width of the core veneer can be adjusted through touch screen HMI.
- Speed of the machine is also adjustable.
- Maximum Diameter of Peel able wood is 450 mm.
- Left log diameter is 25-30 mm.
- Thickness range is 0.5 mm-4 mm.

### ELECTRICAL SPECIFICATIONS:

NAME	QUANTITY	POWER (in KW)	BRAND
Single roller Motor	2	7.5	BHARAT BIJLEE / SIEMENS
Double Roller Motor	2	7.5	BHARAT BIJLEE / SIEMENS
Feed/Slide Motor	2	7.5	SERVO
Cutter Motor	1	2.2	SERVO
Conveyor Motor	1	2.2	SERVO

### PANEL SPECIFICATIOIS:

NAME	QUANTITY	POWER (in KW)	BRAND
Heavy Duty AC Drive	1	37	SCHNEIDER/Altivar 71
Heavy Duty AC Drive	1	15	SCHNEIDER/Altivar 71
Heavy Duty AC Drive	1	4	SCHNEIDER/Altivar 71
PLC	1	-	OMRON
HMI	1	-	OMRON

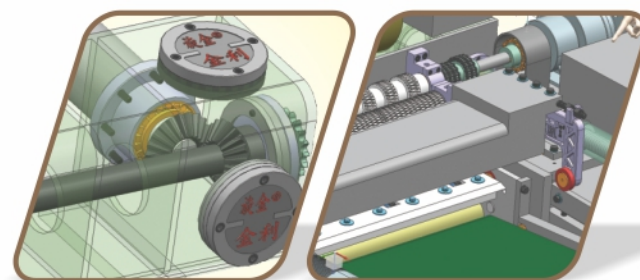
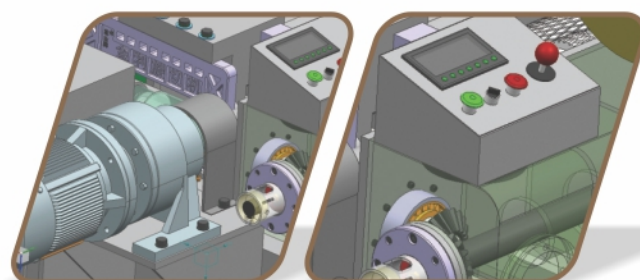
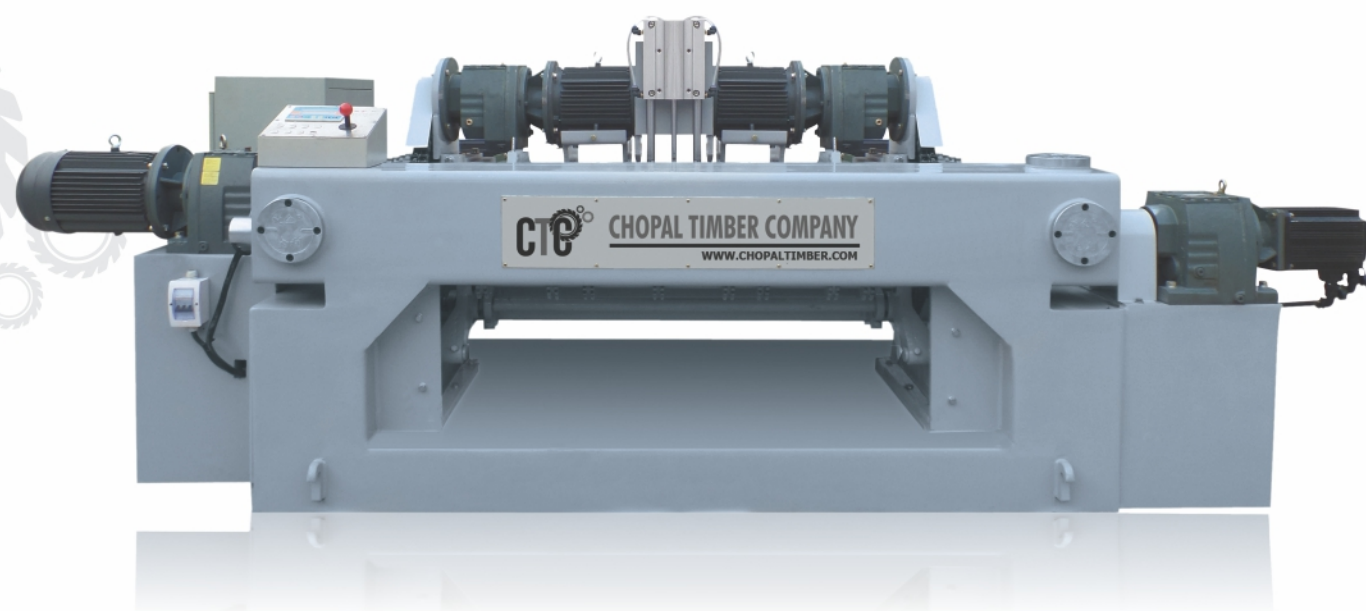
NOTE:  
1. We require FOUR chemical earthing points for machine, panel and VRP etc.  
2. TSI VRP of 75KV is compulsory for this model.

# High Speed Model





## Peeling Machine INDIA MODEL



- Simple design
- Security protection
- High yield
- Excellent performance
- Simple operation
- Easy maintenance
- Standard accessories
- Long life

### TECHNICAL SPECIFICATIONS

The max size of log	400×1400MM
End peeling minimum diameter of log	30MM
Veneer's thickness	0.8~3.6MM
The size of blade (Length*Width*Thickness)	1500×180×16MM
Peeling speed (m/min)	55M/MIN
Motor and power	Single roller motor: 2x4KW Double roller motor: 11KW Feeding motor: 7.5KW SERVO Clipper Cutting: 1.5KW Clipper Conveyor: 1.5KW
Overall dimension (Length*Width*Height)	4500×1700×1400MM
Total weight	4700KGS
Main function	Equipment installation log automatically find round tare function The remaining tail plate automatic cut Selection of Japanese guide cylinder to the wood core Imports of wire rod and tin bronze nut
Total Power Consumption	40 HP



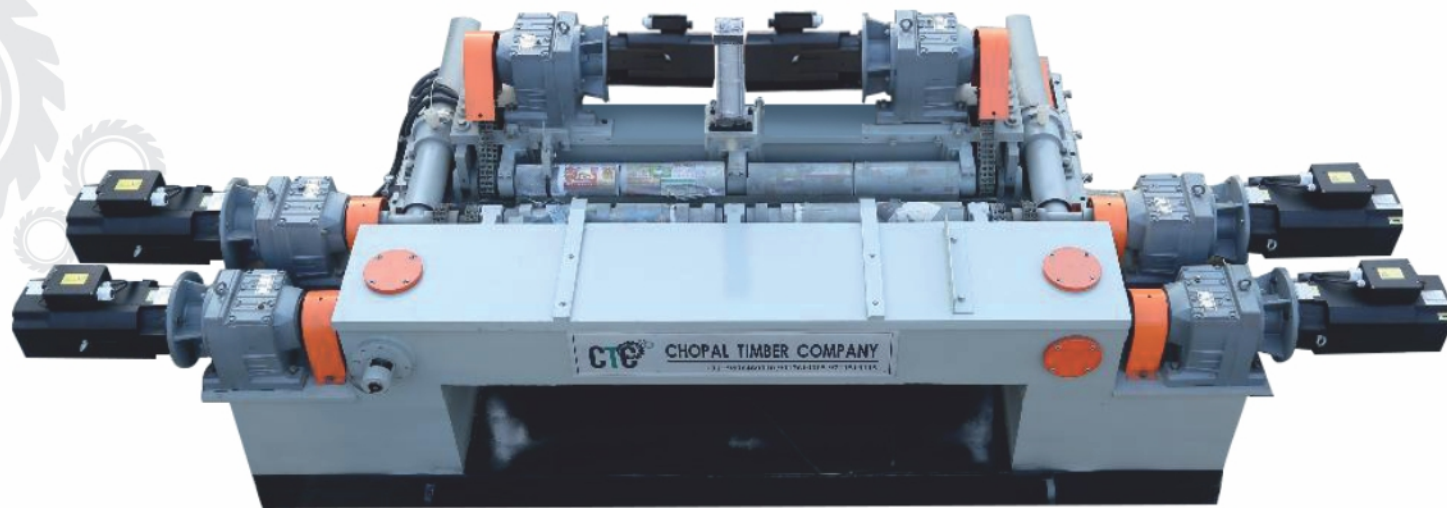
# India Model

*When Perfection is Desired,  
Dedication is aspired to!*



## Peeling Machine HIGH SPEED PEELING

CTC-HS 18.2 (WITH ALL SERVO MOTOR)



### MACHINE SPECIFICATIONS

We at CTC innovating and working as a team to give unmatched and cost effective products. Our High Speed Model CTC-HS18.2 is Top end equipped with Schneider accessories. This machine operates @ 150 meters per minute, higher than the hydraulic version. The electrical panel is dust free, moisture free and AC cooled. AC maintains the inside temperature of panel for efficient working of electrical equipment like AC drives, PLC etc.

### SPECIFICATIONS

- Machine comes with inbuilt clipper and conveyor of thirty four feet length.
- Width of the core veneer can be adjusted through touch screen HMI.
- Speed of the machine is adjustable.
- Maximum Diameter of Peel able wood is 450 mm.
- Left log diameter is 25-30 mm.
- Thickness range is 0.5 mm-4 mm.



### ELECTRICAL SPECIFICATIONS:

NAME	QUANTITY	POWER (in KW)	BRAND
Single roller Motor	2	4	SERVO
Double Roller Motor	2	7.5	SERVO
Feed/Slide Motor	2	7.5	SERVO
Cutter Motor	1	2.2	SERVO
Conveyor Motor	1	2.2	SERVO

NOTE: SERVO motors are also available for Feed/Slide Motor.

### PANEL SPECIFICATIOIS:

NAME	QUANTITY	POWER (in KW)	BRAND
Heavy Duty AC Drive	1	37	SCHNEIDER
Heavy Duty AC Drive	1	15	SCHNEIDER
Heavy Duty AC Drive	1	4	SCHNEIDER
PLC	1	-	OMRON
HMI	1	-	OMRON

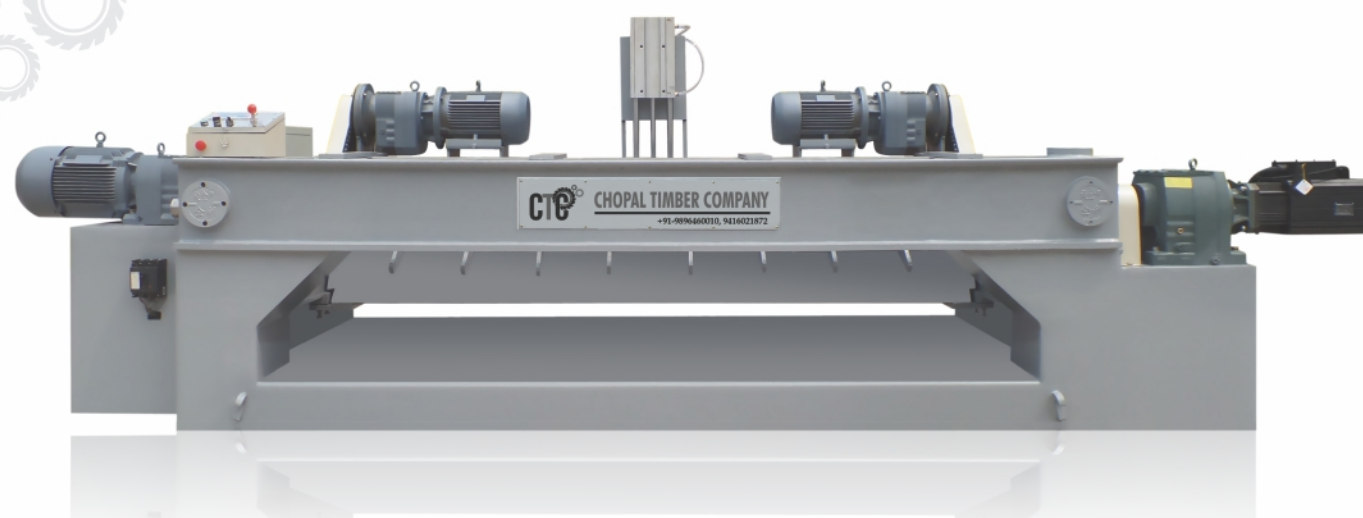
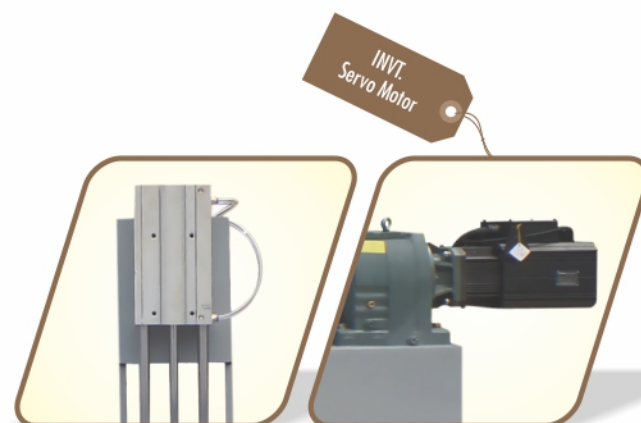
NOTE:

1. We require FOUR chemical earthing points for machine, panel and VRP etc.
2. TSI VRP of 75KV is compulsory for this model.

# High Speed Model



## Peeling Machine 8 FEET MODEL For Face Veneer



A known trendsetter in the industry of veneer manufacturing brings you again a product with exceptional features, introducing 'The 8ft Face Veneer Peeling Machine' exclusively by CTC. The challenge was to facilitate this industry with the exclusive peeling machine that produces the superior quality face veneer at affordable rates even from the local wood and to replace the conventional practices. Fortunately we achieved it and the fully automatic spindle-less peeling machine was discovered. It has the capacity of taking out the highest quality face veneer with the accurate thickness of 0.25mm. The slices obtained from this machine are always uniform and has major recovery without damaging the wood or affecting the veneer's quality. We have assembled it with the features that ensure its quality measurements:

- R- Block Reducer(Japanese)
- Taiwan Made Slide Bar Rail- that helps in taking out the precised minimum thickness without variation.
- Servo Motor of INVT- it keeps the accuracy of thickness stabled.

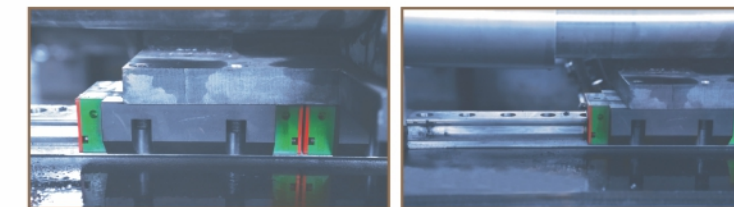


### KEY FEATURES

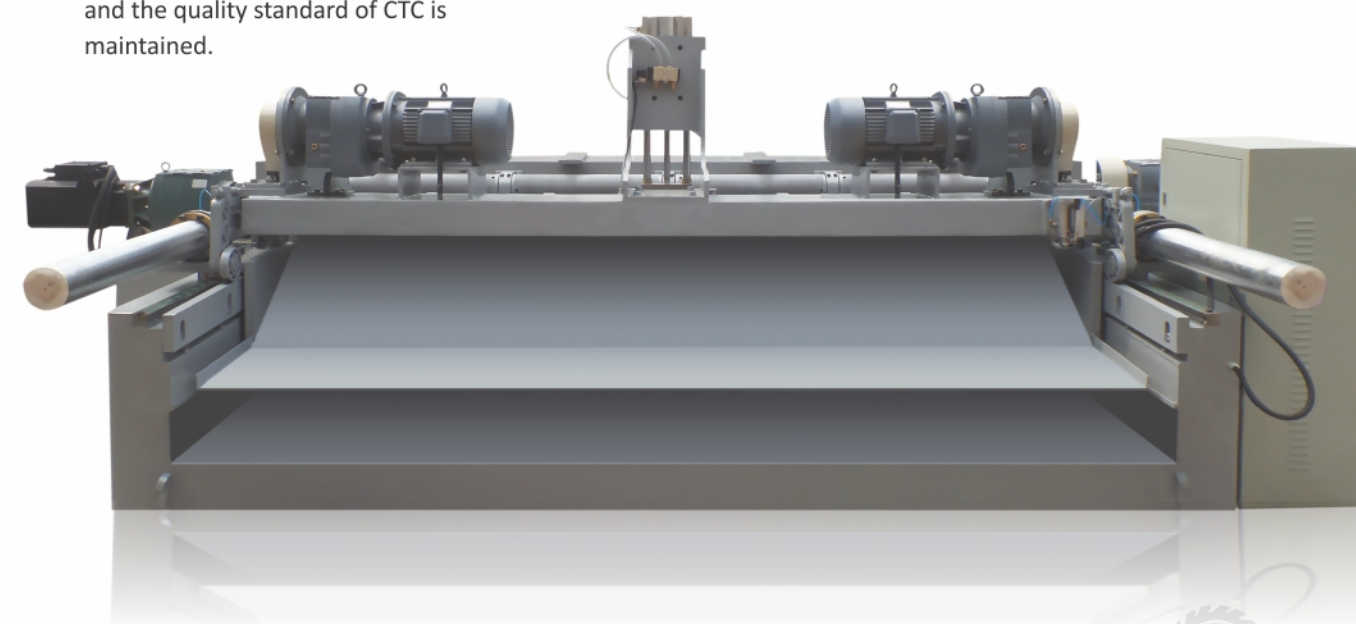
- Heavy Duty Construction
  - User Friendly
  - Electrical control panel fully Automatic
  - Ideal for Face Veneer and suitable for Core Veneer too
  - Maximum Veneer recovery
  - Special design to suit face veneer production line
  - Cost Effective
  - Computerised pneumatic control for log peeling
  - Automatic Lubrication
  - Stable performance & high production efficiency
  - Hi-tech machinery & speed technology
  - Vibration free construction
- The machine has undergone proper quality check to ensure that it gives a hassle-free service to our custom-ers and the quality standard of CTC is maintained.

### TECHNICAL SPECIFICATIONS

Log length	1940 MM, 2540 MM & 2700 MM
Diameter	Max. 500 MM, Min. 30 MM Max. 700 MM, Min. 42 MM
Thickness	0.4 to 4 MM
Speed	45 M / Per Minute
Power Consumption	Host: 7.5+7.5 KW Feed: 15 KW (Servo Moter)
Main Function	Imported wire screw feeder with brownz nut Tiawan lenear slide bar rail INVT Feed Servo Moter Left long removal cylinder
Automatic	Press Button any time
Middle Scoring	For 4 feet Core & Veneer
Total Power Consumption	40 HP



TAIWAN SLIDE BAR RAIL



# 8 Feet Model



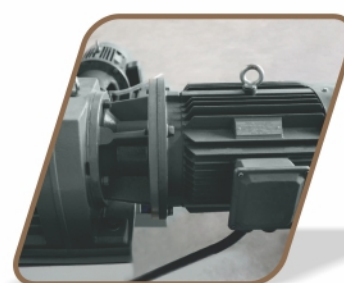
Peeling Machine

**SUPER HEAVY DEBARKER MODEL**

Abhaya Model

**4 FEET (LOG ROUNDER)**

The max size of log	: 500×1400MM
The size of blade (Length*Width*Thickness)	: 1400×140×12.7MM
Peeling speed (m/min)	: 50M/MIN
Motor and power	: Single roller motor: 7.5KW Double roller motor: 15KW Hydraulic pump motor: 5.5KW
Overall dimension (Length*Width*Height)	: 3500×2000×1400MM
Total weight	: 4250KGS
Total power consumption	: 40 HP



Peeling Machine

**SUPER HEAVY DEBARKER**

WITH DOUBLE REDUCER CTC-SHDDR 18.1

**ABOUT MACHINE**

We at CTC innovating and working as a team to give unmatched and cost effective products. Our Super Heavy Debarker CTC-SHDDR17.1 is Top end equipped with Double Reducer at double Roller side with oil cooler. This machine is heavy structure with all iron plate material.

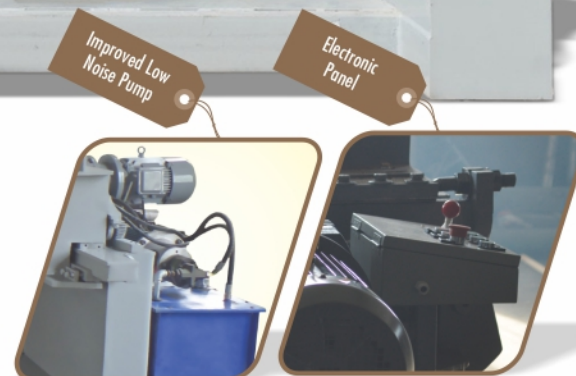
**MACHINE SPECIFICATIONS:**

PARAMETER	VALUE
Length of Rollers (mm)	150 mm
Diameter of Rollers (mm)	1530 mm
Power of Single Roller (kw)	7.5kw X 2
Power of Single Roller (kw)	7.5kw
Power of Oil Pump (kw)	5.5kw
Double Roller Reducer	Helical Gear Reducer X 2
Single Roller Reducer	Helical Gear Reducer X 1
Max Opening	600mm
Weight (kg)	5500

# Super Heavy Debarker

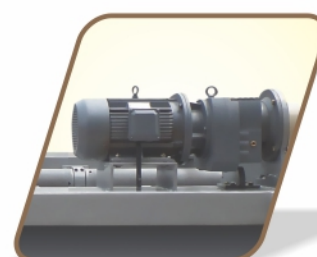


## Peeling Machine HEAVY DEBARKER MODEL

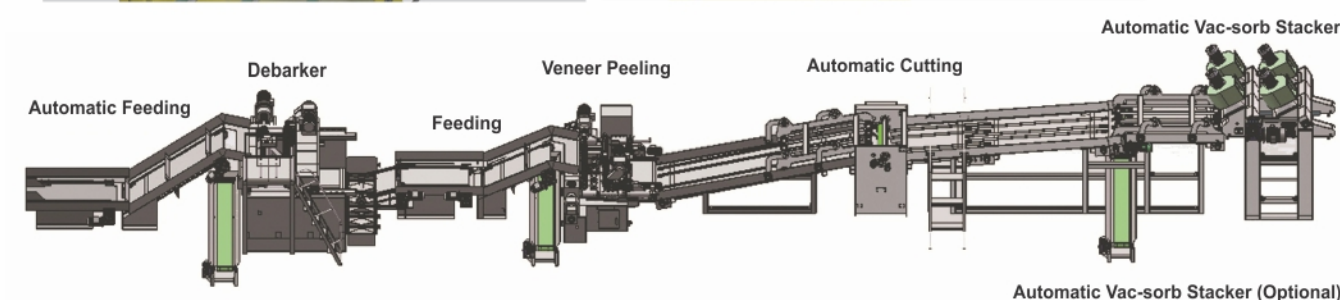
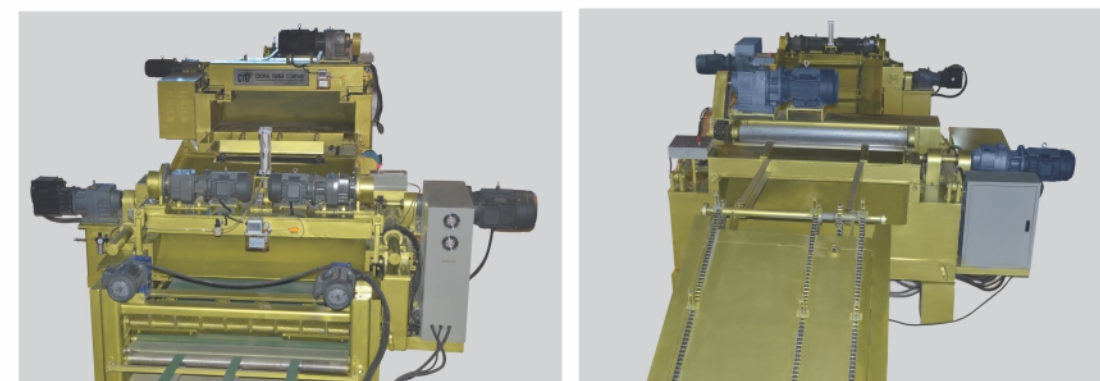


### 8 FEET (LOG ROUNDER)

Log length	: 2900 MM
Diameter	: Max. 800 MM Min. 100 MM
Speed	: 70 M / Per Minute
Power Consumption	: Host: 11+11+11+11KW Feed: 7.5 KW
Reducer	: HOST R Lelical Surface noise free reducer.
Total Power Consumption	: 69 HP



## Peeling Machine COMPLETE PEELING LINE MODEL



Picture	Description	Model	Quantity	Note
	Feeding conveyor	4'/1300	2	The diameter of less than 500mm
	Debarking machine	Super Heavy	1	The diameter of less than 500mm
	Veneer peeling machine	India Model	1	The diameter of 400mm, Thickness 0.3-4.0mm
	Automatic cutting machine	4'/1300	1	Automatic cutting of veneer
	Veneer transmission device	4'/1300	2	Transportation of veneer
	Vac-sorb receiving machine	4' x 8'	1	Skin classification
	The garbage conveying device	5M	2	Length: 5mm
	Wood core transmission device	5M	1	Transportation of wood core
	Transmission correction device	4'/1300	1	The diameter of less than 500mm

“ EASY TO OPERATE AND ALSO SAVE COST OF PLYWOOD MANUFACTURING.  
ONLY TWO MAN CAN OPERATE THE MACHINE. ”



## COMPARISON CHART

HIGH SPEED MODEL	INDIA MODEL	SIEMENS MODEL
Peeling log length 970 MM, 1270MM & 1400 MM	Peeling long length 970 MM, 1270MM & 1400 MM	Peeling long length 970 MM, 1270MM & 1400 MM
Max. Log Diameter 450 MM	Max. Log Diameter 450 MM	Max. Log Diameter 400 MM
Remaining Log Diameter 25 MM	Remaining Log Diameter 25 MM	Remaining Log Diameter 25 MM
Thickness Range 0.3 MM to 4 MM	Thickness Range 0.3 MM to 4 MM	Thickness Range 0.3 MM to 4 MM
Machine Speed 75 M / Per Minute	Machine Speed 55 M / Per Minute	Machine Speed 60 M / Per Minute
Motor & Power Consumption Single roller motor: 2x4KW Double roller motor: 2x7.5KW Feeding motor: 7.5KW SERVO Clipper Cutting: 2.2KW SERVO Clipper Conveyor: 1.5KW	Motor & Power Consumption Single roller motor: 2x4KW Double roller motor: 11KW Feeding motor: 7.5KW SERVO Clipper Cutting: 1.5KW Clipper Conveyor: 1.5KW	Motor & Power Consumption Host: 7.5+7.5 KW+5.5 KW+5.5 KW Feed: 11 KW SIEMENS Cutting & Conveyer Motor 2.5+2.5 KW, Hydraulic 5.5 KW
Total Power Consumption 46 HP	Total Power Consumption 40 HP	Total Power Consumption 64 HP
Left log remover cylinder	Left log remover cylinder	Left log remover cylinder
New hi-tech panel and sinovic drive & Feather touch PLC	Advanced Panel with Advanced INVT drive & individual Contactor for each Motor.	Advanced Panel with Advanced Siemens drive & individual Contactor for each Motor.
Two servo motors are used one for feed/slide motor and one as cutting motor for accurate thickness and cutting.	Super heavy motors and gear boxes are used to peel the hardest wood.	Siemens Motor is used as feed/ slide motor instead of normal motor to accurate & minimize the thickness variation.

# WIDE BELT SANDER SECTION



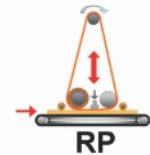


# Sanding Machine SINGLE HEAD SANDING MODEL



## TECHNICAL SPECIFICATIONS

### MAIN PARAMETERS:

Machine name	1-head wide belt sander
Type	RP
Diagram	
Model	BSCR13
Working width	40-1300 mm
Working thickness	2.5-80 mm
Working length	>580 mm
Speed of feeding	6-45 m/min
Revolving speed of sanding belt	18 m/s
Size of sanding belt (W×C)	1330×2200 mm
Dia. of contact roller	210 mm
Hardness of contact roller	28 shore grooved soft rubber roller
Type of polishing pad	Pneumatic polishing pad with air bag
Motor power of sanding unit	22 kW
Motor power of feeding	4 kW
Motor power of thickness adjustment	0.55 kW
Motor power of brush roller	-
Motor power of vacuum table	-
TOTAL MOTOR POWER	26.55 kW
Power supply requirement	415 V/ AC, 50 Hz, 3 Phase
Compressed air pressure	0.55 MPa
Compressed air consumption	0.43 m³/min
Dust extraction requirement	4200 m³/h
Min. sucked air velocity	25-30 m/s
Dia. of dust hood outlet	200 mm x 1 pcs
Machine weight	~2200 kg
Machine overall size (LxWxH)	1580s1960x2160 mm
Machine packing size in nude (LxWxH)	1710x1960x2215 mm
Total power consumption	36 HP

## KEY FEATURES

- Only polishing head (Soft contact rubber roller as 28 shore; Soft contact rubber roller as 50 shore; Hard contact rubber roller as 80 shore; Steel contact roller.)
- Blower to remove dust
- Brusher
- vacuum

Single Head Sanding Model



# Sanding Machine DOUBLE HEAD SANDING MODEL

## TECHNICAL SPECIFICATIONS

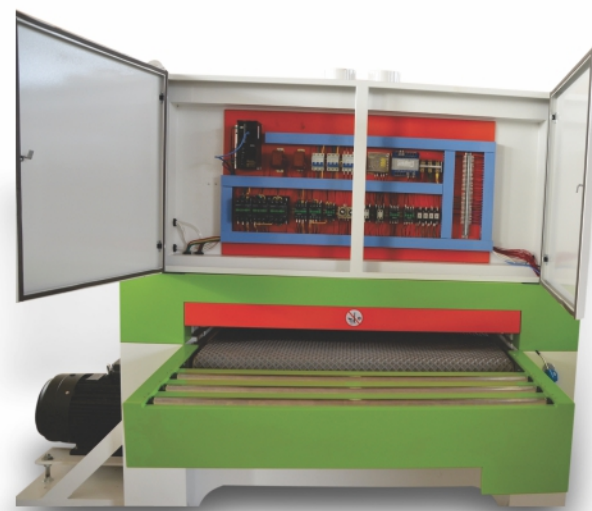
### MAIN PARAMETERS:

Machine name	2-head wide belt sander
Type	RP-P
Diagram	 RP-P
Model	BSGRP-P13
Working width	40-1300 mm
Working thickness	2.5-80 mm
Working length	>580 mm
Speed of feeding	6-45 m/min
Revolving speed of 1st sanding belt	18 m/s
Revolving speed of 2nd sanding belt	14 m/s
Size of 1st sanding belt (W×C)	1330×2200 mm
Size of 2nd sanding belt (W×C)	1330×2200 mm
Dia. of 1st contact roller	210 mm
Dia. of 2nd contact roller	-
Hardness of 1st contact roller	28 shore grooved soft rubber roller
Hardness of 2nd contact roller	-
Type of polishing pad of 1st sanding unit	Pneumatic polishing pad with air bag
Type of polishing pad of 2nd sanding unit	Pneumatic polishing pad with air bag
Motor power of 1st sanding unit	22 kW
Motor power of 2nd sanding unit	15 kW
Motor power of feeding	4 kW
Motor power of thickness adjustment	0.55 kW
Motor power of brush roller	0.37 kW
Motor power of vacuum table	3 kW
TOTAL MOTOR POWER	44.92 kW
Power supply requirement	415 V/ AC, 50 Hz, 3 Phase
Compressed air pressure	0.55 MPa
Compressed air consumption	0.76 m <sup>3</sup> /min
Dust extraction requirement	8000 m <sup>3</sup> /h
Min. sucked air velocity	25-30 m/s
Dia. of dust hood outlet for sanding unit	200 mm x 2 pcs
Dia. of dust hood outlet for brush roller	150 mm x 1 pcs
Machine weight	~2750 kg
Machine overall size (LxWxH)	1950x2530x1970mm
Machine packing size in nude (LxWxH)	1780x2530x2025 mm
Total Power Consumption	60 HP

### KEY FEATURES

- 2 heads both polishing for good smoothness (Soft contact rubber roller as 28 shore; Soft contact rubber roller as 50 shore; Hard contact rubber roller as 80 shore; Steel contact roller.)
- Blower to remove dust
- Brusher
- Vacuum bed

# Double Head Sanding Model





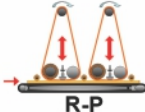
## Sanding Machine CALIBRATOR MODEL

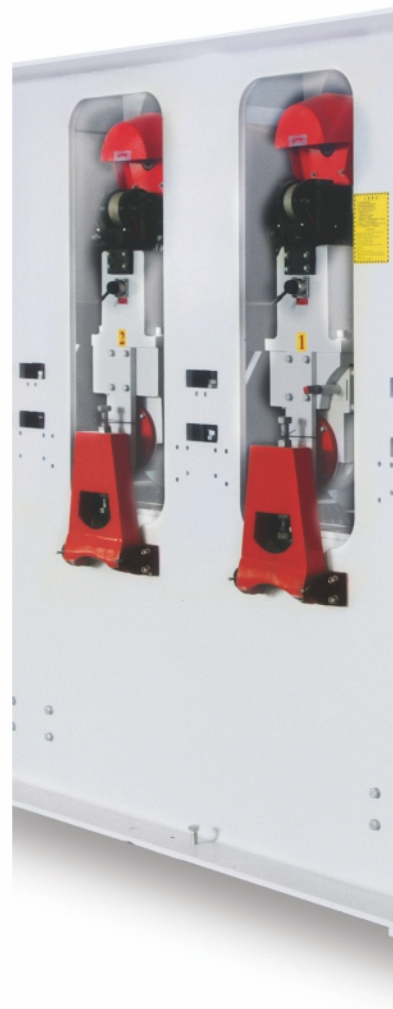
### KEY FEATURES

- 1 head calibration (Soft contact rubber roller as 28 shore; Soft contact rubber roller as 50 shore; Hard contact rubber roller as 80 shore; Steel contact roller.)
- 1 head polishing
- Blower to remove dust
- Brusher
- Vacuum bed



### MAIN PARAMETERS:

Machine name	2-head wide belt sander
Type	R-P
Diagram	
Model	BSGR-P13
Working width	40-1300 mm
Working thickness	2.5-80 mm
Working length	>430 mm
Speed of feeding	6-45 m/min
Revolving speed of 1st sanding belt	22 m/s
Revolving speed of 2nd sanding belt	14 m/s
Size of 1st sanding belt (W×C)	1330x2200 mm
Size of 2nd sanding belt (W×C)	1330x2200 mm
Dia. of 1st contact roller	F240 mm
Dia. of 2nd contact roller	-
Hardness of 1st contact roller	Grooved steel roller
Hardness of 2nd contact roller	-
Type of polishing pad of 1st sanding unit	-
Type of polishing pad of 2nd sanding unit	Pneumatic polishing pad with air bag
Motor power of 1st sanding unit	22 kW
Motor power of 2nd sanding unit	15 kW
Motor power of feeding	4 kW
Motor power of thickness adjustment	0.55 kW
Motor power of brush roller	0.37 kW
Motor power of vacuum table	3 kW
TOTAL MOTOR POWER	44.92 kW
Power supply requirement	415 V/ AC, 50 Hz, 3 Phase
Compressed air pressure	0.55 MPa
Compressed air consumption	0.75 m <sup>3</sup> /min
Dust extraction requirement	8000 m <sup>3</sup> /h
Min. sucked air velocity	25-30 m/s
Dia. of dust hood outlet for sanding unit	200 mm x 2 pcs
Dia. of dust hood outlet for brush roller	150 mm x 1 pcs
Machine weight	~2700 kg
Machine overall size (LxWxH)	1950x2530x1970mm
Machine packing size in nude (LxWxH)	1780x2530x2025 mm
Total Power Consumption	60 HP



Calibrator Model

## CORE DRY PRESS



The Experts, Trendsetters or Specialised - you can call us by any name but we call ourselves Chopal Timber Company. Bringing a new year's surprise to you, here we introduce the 'Core Veneer Dry Machine'. Following the law of nature, to change for the betterment - CTC has replaced the conventional Roller Dryer with incomparable and never been experienced core dry machine.

This fully automatic exclusive core dry hot press is 9.5ft in size, with 18 delite, operated by oil & steam and has a massive capacity of drying from 1 to 1.25 lac within 24hrs. It is the most economical machine which consumes comparatively less electricity and doesn't even demand for much maintenance. Traditionally drying & straightening of veneer used to be the job of two different machines but now there is no need to double the process, with this multi-featured CTC's drying machine both the actions can be performed by single machine. Surpassing the standards of installation of C Class pipe which hardly used to accompany for 2 years, we have installed the long lasting seamless steel pipe to add on a forever life line. This machine maintains the quality of core veneer and has no harmful effect in fact it raises the veneer utilization that results in better production output. Above all the best advantage is that it results in cost effective plywood.

To facilitate the industry with the easiest way outs CTC has modified the machine in a way there is no need of fitting, sealing or any foundation, it can easily be kept on the floor. Its operating system is kept very simple and easy to understand, we just have to insert the material, press the start button and switch on the medium heating mode. We take the utmost pride in introducing such a machine to the industry with heavy features; let's have a look at a glance:

### SPECIFICATIONS

1. 18 Delite,	6. PLC operated automatic pannel
2. Seamless square pipe / e-class	7. 7-8 Ton weight,
3. 6 Years delite guarantee,	8. High production
4. Heavy structure	9. Works for both steam and oil thermic type boilers
5. Side cyclinders no need of foundation,	



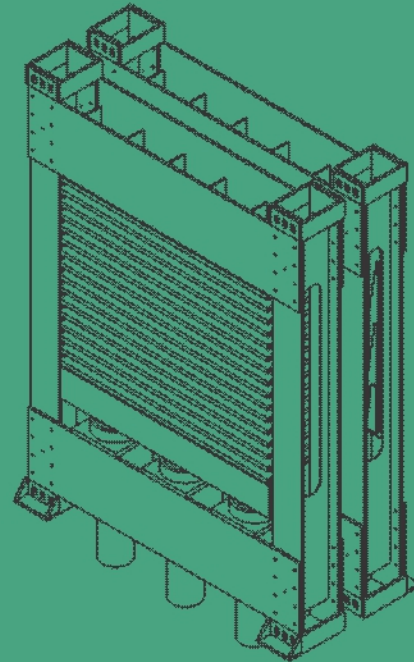
# HOT PRESS MACHINE

LAYERS : 10/11 - 50/51  
CAPACITY : 480 - 5000 TON

## TECHNICAL SPECIFICATION

STRUCTURE	ITEM	PARAMETER
Framework	Assemble Raw material Structure Thickness of frame	Composite Q345 steel Double Gantry fixed with bolts 40- 60 mm
Hot plate	Size Oil Hole Layer space	2700x1370x52mm, Double in and double out 80 - 120 mm
Cylinder	Pressure Ram(diaxstroke) No. of Cylinder Fast closing Ram(diaxstroke) No. of Cylinder Maximum Pressure	480-5000 Depends on requirements Depends on requirements Depends on requirements Depends on requirements 25 Mpa / 3625 Psi
Pump Station	Pump station High Pressure Pump Motor Low Pressure Pump Motor	Automatic 22 kw 11 kw
Electric control	Control method Plc make Electrical Component	PLC Delta Schneider
Other	Dimension Total Weight	Depends on requirements Depends on requirements

Double Gantry Structure with Bolts



# WOOD SAVER MACHINE (FALI JOINER)

Amazing machine to save wastage of panels. Joint fali and make wider panel.



# CORE VENEER COMPOSER



## ABOUT MACHINE

The proper and efficient composing of veneer improves recovery and reduces labor costs associated with handling random veneer.

It also improves panel quality by eliminating core voids, while facilitating automatic layup be enabling lower-quality and random-width veneer to be assembled into full sheets. Additionally, veneer composing enables the flexible production of special-sized core veneers and plywood. This technology is particularly relevant in mills producing technical and overlaid plywood products.

Automatic core veneer composer is the machine for future. This is the future of plywood industry. It will increase the quality of output product with no gap and no overlap as this machine first chops the both ends of core veneer and then join the veneer.

## WORKING PARAMETERS:

- One set of thread (5 reels) can make 70000 sheets (8 ft. X 4 ft.)
- One Kg of glue can make more than 1000 sheets (8 ft. X 4 ft.)
- Maximum 6 sheets (8 ft. x 4 ft.) Per minute (if core veneer width is 760mm)
- Maximum 5 sheets (8 ft. x 4 ft.) per minute (if core veneer width is 660mm)
- Maximum 4 sheets (8 ft. x 4 ft.) per minute (if core veneer width is 530mm)

## TECHNICAL SPECIFICATIONS:

UPPER KNIFE LENGTH	MM	1350 (675 X 2)
DOWN KNIFE LENGTH	MM	1350
WORKING VENEER WIDTH MAX.	MM	<1300
AFTER JOINING SIZE	MM	1300 X 2600
VENEER THICKNESS	MM	1.0 - 4.0
FEEDING SPEED MAX.	M/MIN	32
NUMBER OF GLUE THREADS	ROWS	5
NUMBER OF DETECTORS	POINTS	14
TOTAL POWER REQUIRED	KW	21
IN-FEED CONVEYOR	KW	3
FIRST CHOPPER	KW	2.2
WASTE DIVIDER	AIR-OPERATED	50 X 75
OUT FEED CONVEYOR	KW	3
DIMENSION CLIPPER	KW	1.5
COOLING FAN	KW	0.5
WATER COOLER	KW	1.5
WATER CIRCULATION PUMP	KW	0.1
HEATER FOR GLUE MELTING FOR	KW	5.5
EDGE AND YARN APPLICATION		
TABLE LIFTER FOR STACKER	KW	2.2
TRANSFERRING CONVEYOR	KW	0.75
STACKER BELT CONVEYOR	KW	0.75
AIR CONSUMPTION	LITER/MIN	60
TOTAL WEIGHT	KG	5000

# CORE VENEER COMPOSER



## VERTICAL PANEL JOINTER



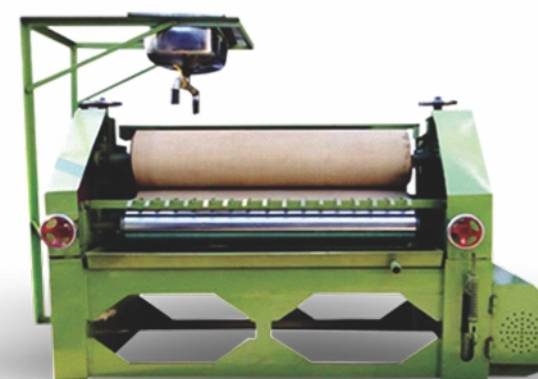
Brand : CTC  
 Weight : 6000 KG  
 Application : Used to compose two 4x4 veneer into one 4x8 long core veneer  
 Model : CXCT-FJM  
 Kind of machine : plywood machinery

### SPECIFICATION FOR FINGER JOINT LONG CORE VENEER COMPOSER

1	Machine code	CXCT - FJM
2	Working speed	3~4 board/min
3	Working width	1270
4	Working length	2560
5	Working thickness	1.4~4.0 mm
6	Length of knife	1350
7	Pressured air	0.6 Mpa
8	Capacity	20 KW
9	Dimension	6260x2300x2260
10	Weight	6000 KG
11	Volume	35 m3

# VERTICAL PANEL JOINTER

## GLUE SPREADER



### 8FT. BASIC MODEL

GLUE SPREADER MACHINE(TWO SIDES)- 8FT BASIC MODEL	
MAX SPREADING WIDTH	2700MM
MAX SPREADING THICKNESS	20MM
DIAMETER OF RUBBER ROLLER	2PCS, 410MM
RUBBER THICKNESS OF MATERIAL	18MM
DIAMETER OF STEEL ROLLER	2PCS, 270MM
DOCTOR ROLLER MATERIAL	STEEL WITH ELECTROPLA
GLUE SPREADING SPEED	31M/MIN
CONVEYOR SIZE	1600 x 2800MM
MOTOR POWER	5.5KW
OUTFEEDING RACK MOTOR	1.1KW
OVERALL DIMENSION(LxWxH)	3400 x 1300 x 1500MM
NET WEIGHT	ABOUT 3000KGS



### 8FT. PNEUMATIC MODEL

GLUE SPREADER MACHINE(TWO SIDES)- 8FT PNEUMATIC MODEL	
GLUE ROLLER DIAMETER & TUBE LENGTH	420MMX2700MM
SQUEEZING ROLLER DIAMETER&LENGTH	290MMX2700MM
GLUE SPREADING SPEED	40-90M/MIN
MAIN POWER	7.5KW
CONVEYOR SIZE	1300X2800MM
OUTFEEDING RACK MOTOR	0.75KW
OVERALL DIMENSION (LxWxH)	4600X2800X1800MM
TOTAL WEIGHT	5500KGS

# GLUE SPREADER



# STEEL WOOL MACHINE



Making its maiden visit to India, Chopal Timber Company introduces the Steel Wool Machine. It specialises in removing the water stain from plywood, peeling paint or rust from , the finish of furniture, woodwork and the metal polishing. Talking about its characteristic, it is literally a wool of steel, it has elasticity as soft as cotton.

Now no more scrubbing & struggling time & time again on plywood to make it a smooth finished product. This machine can serve your purpose very effectively, backed with consistent after service and maintenance.



## PARAMETER

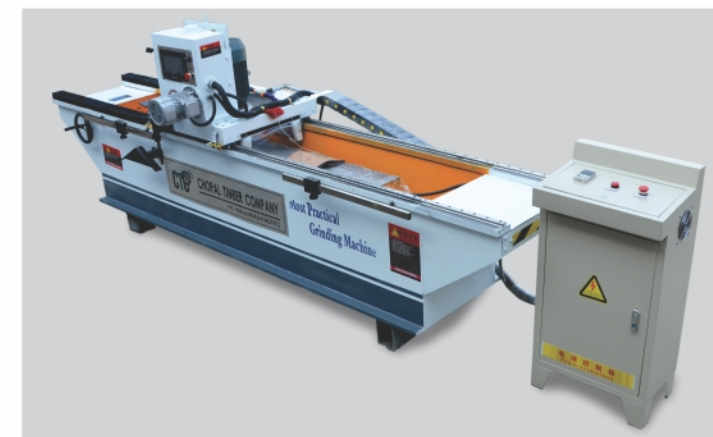
Type	1300-6S
Max Width	1300mm
Min Working distance	500mm
Each Group Motor power	2.2kw*6 GROUP
Transmission power	1.5kw
Lifting power	0.37kw
Total Power	15.25kw
Brush roll diameter	180 mm
Feeding Roll Diameter	120 mm
Press Roller diameter	60 mm
Overall dimension	1500x1750x1280
Total Weight	1700kg
Total Power Consumption	20 HP

# Steel Wool Model

# KNIFE GRINDER



Chopal Timber Company introduces new generation automatic knife grinder with magnetic bed. It is the most accurate and best quality knife grinder available in market.



# Knife Grinder Model

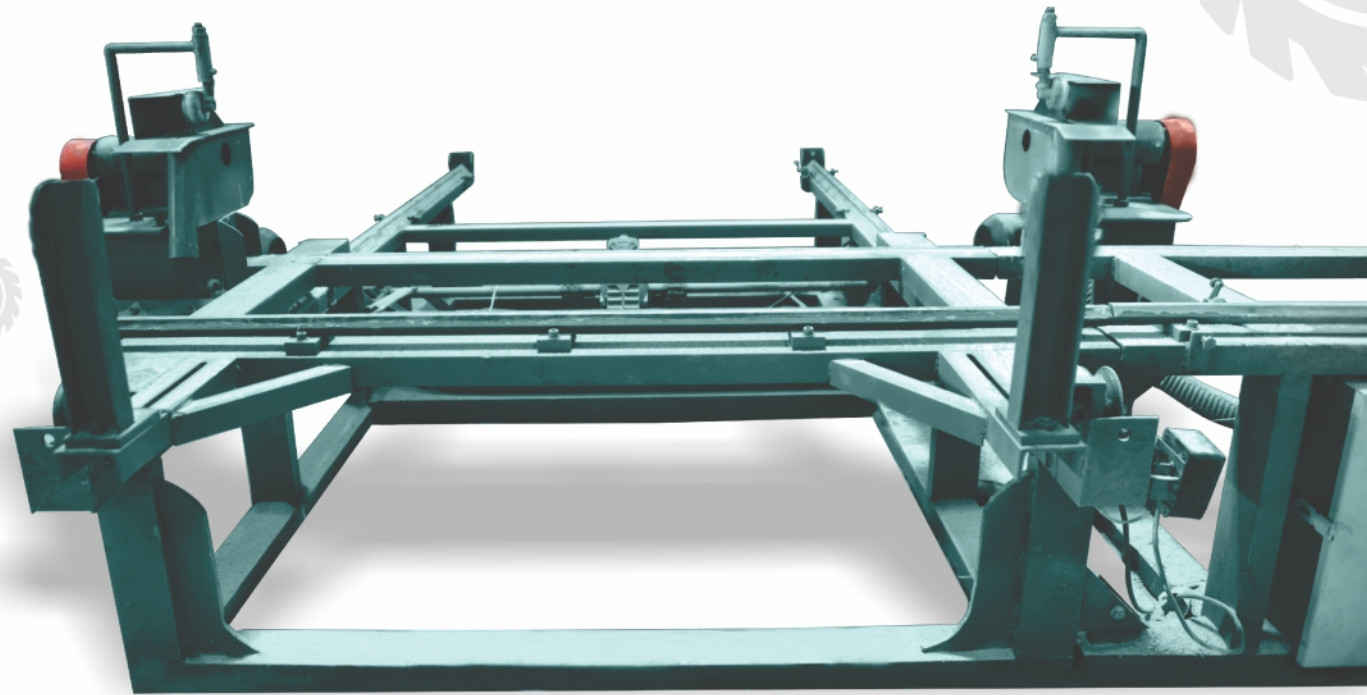
## TECHNICAL SPECIFICATIONS 4FT FULL AUTOMATIC KNIFE GRINDER

Max Knife length	1500MM
Grinding speed	1-14M/MIN
Grinding motor power	3KW
Total power	4.5KW
Overall dimension (Length*Width*Height))	3400x1300x1300MM
Total weight	1300KGS
Main function	Equipment installation log automatically find round tare function The remaining tail plate automatic cut Selection of Japanese guide cylinder to the wood core Imports of wire rod and tin bronze nut
Total Power Consumption	6 HP

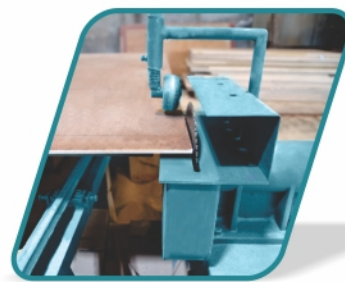
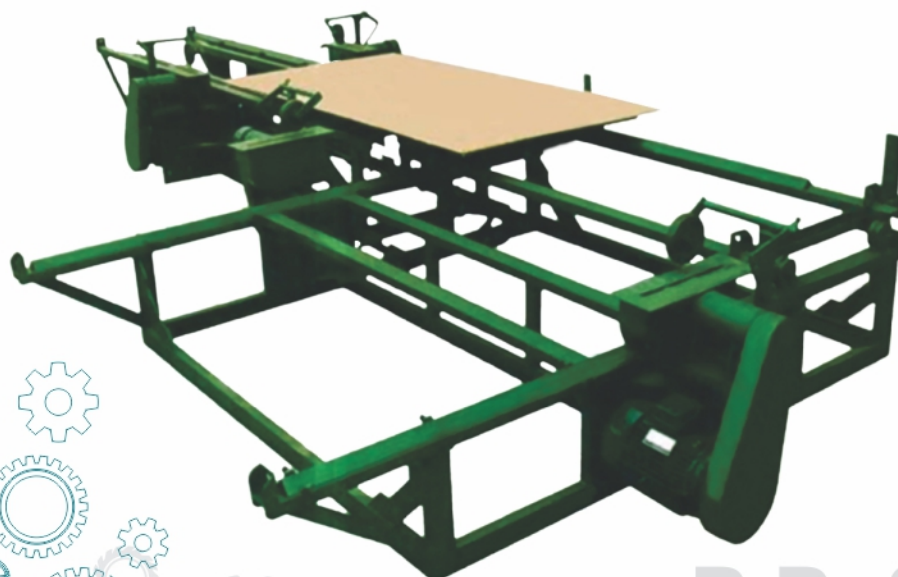


## D.D. SAW MACHINE

MANUAL D.D. SAW



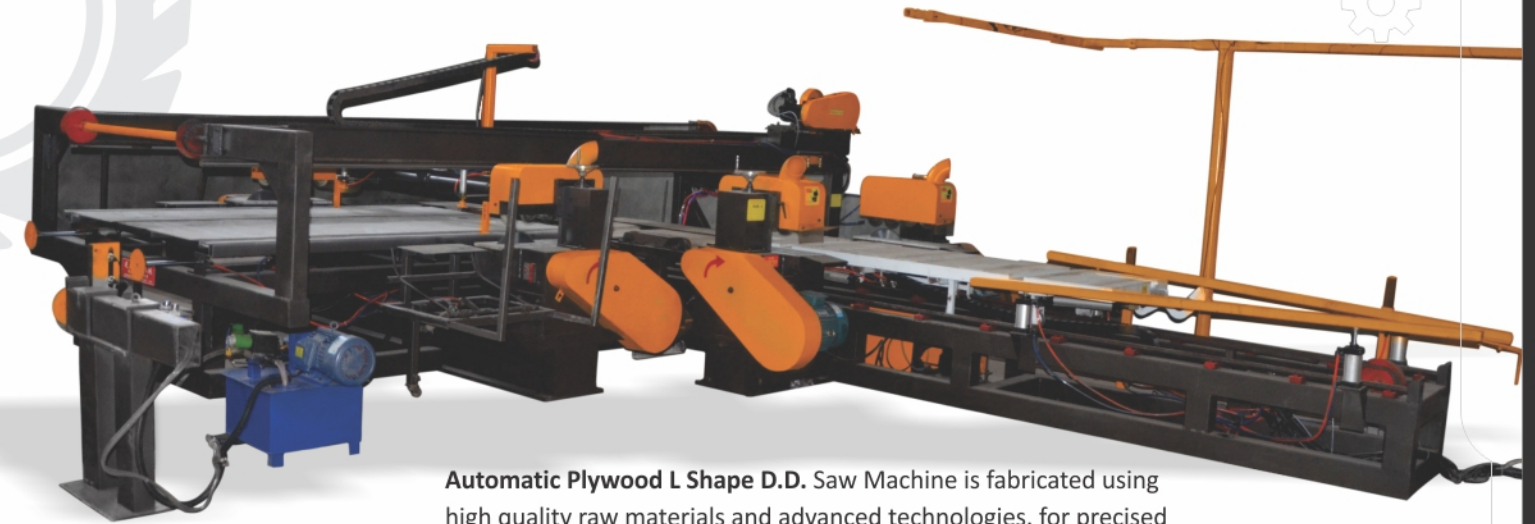
It is L-shaped manual DD saw cutting machine. It can cut both sides at one time. It is backed with better motors and cutting tools to obtain precise dimensions.



## D.D. Saw Model

## D.D. SAW MACHINE

FULLY AUTOMATIC D.D. SAW



Automatic Plywood L Shape D.D. Saw Machine is fabricated using high quality raw materials and advanced technologies. for precised and accurate cutting using laser technology system.

### D.D. SAW MACHINE SPECIFICATIONS:

POWER	4 Nos. × 10 hp for main saws
	2 Nos. × 2 hp for Scoring Cutters
	1 No. × 2hp for feed drive
	1 No. × 2 hp for the movement of slide

## D.D. Saw Model

### FEATURES

- Both side cutting at one time
- Laser guide for accurate cutting for zero variation in length and width
- Higher RPM than conventional cutting machines for sharp cutting with zero problem of face chipping.
- Empowered to cut three 18mm ply or board at one time so giving triple production.

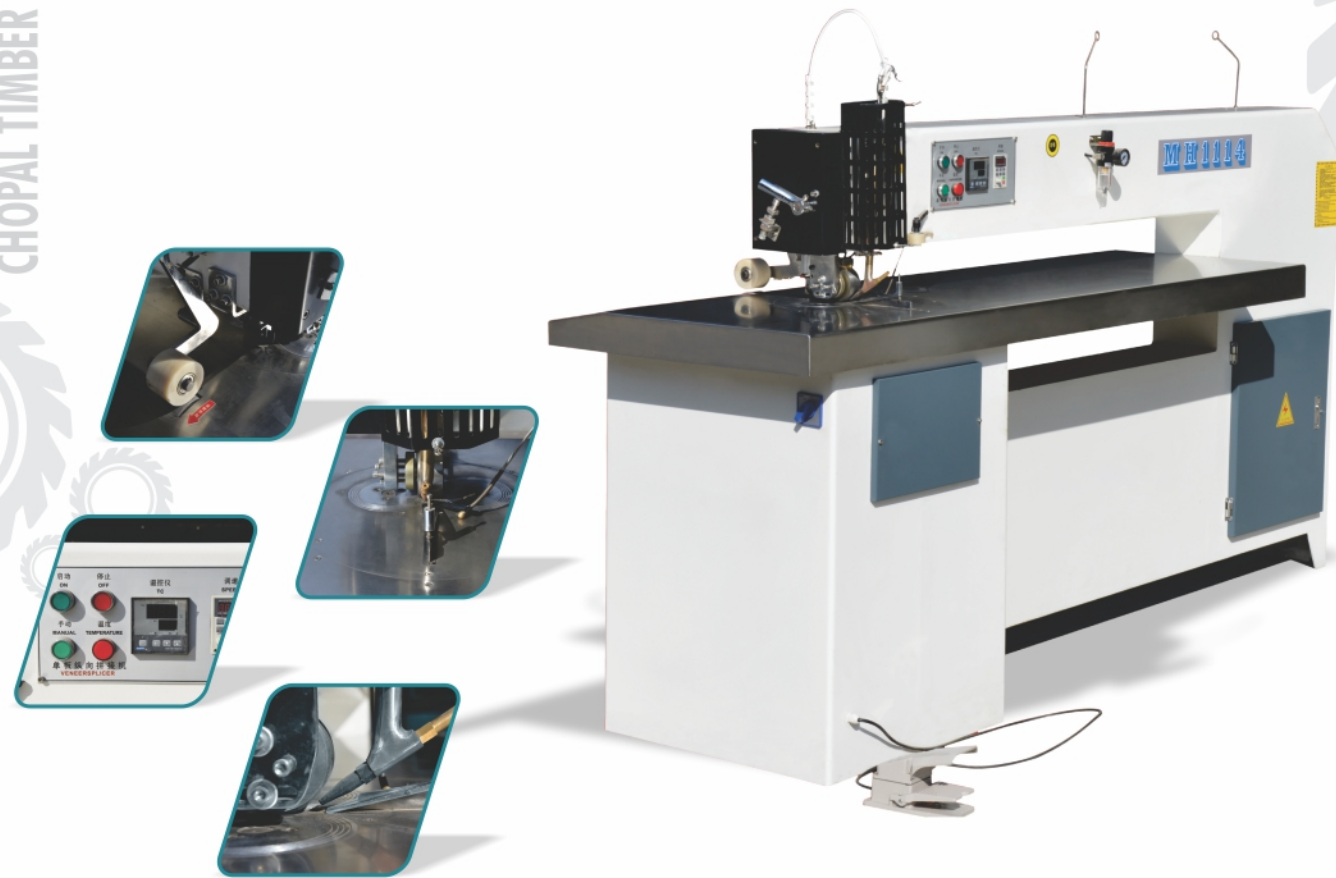
### QUALITY FEATURES

- Precision Engineered
- Dimensionally Accurate
- Laser System
- Automatic Stacking
- Automatic Feeding





# ▶ VENEER STITCHING MACHINE



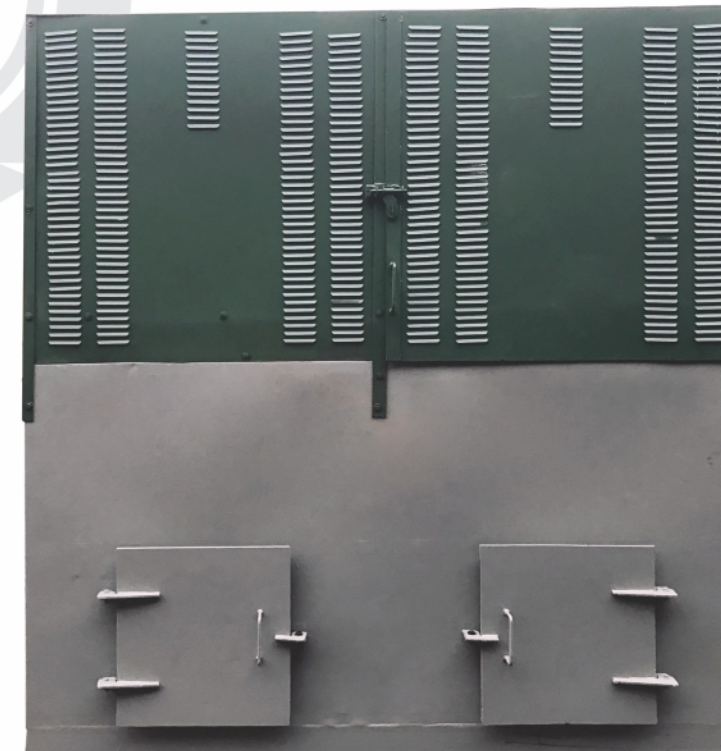
“ THIS MACHINE IS USED TO STITCH THE CORE PANEL TOGETHER IN ZIG-ZAG FORM. WE CAN MAKE 8X4FT PANEL TO MANUFACTURE ZERO GAP PLY AND BOARD. ”



Veneer Stitching Model

# ▶ DUST COLLECTOR

Model For Sanding Machine



Model- 1 ▶



PARAMETER

Type	EMF9075AS
Motor Power	7.5kw
Air volume	14000 m3/n
Air speed	40-45m/sec
Dust extraction outlet	5"x7pc
Breathable anti-static bag	175x36pcs
Under dust bag	630x3pcs
Dimension	3030x1030x3400mm
Packing size	3030x1030x900mm
Total Power Consumption	10 HP

## SPECIFICATIONS

1. No dust will come outside,
2. Powerful fan for best results
3. Very fine fabrication
4. Specially designed for sanding machines
5. 10 HP motor
6. 18 Bag sections which are also covered for no dust leakage

## Dust Collector

PARAMETER

Type	EMF9075S
Motor Power	7.5kw
Air volume	11000 m3/n
Air speed	40-45m/sec
Dust extraction outlet	6"x5pc
Collector bag	630x2pcs and 180x24pcs
Dimension	2350x1000x3100mm
N.W.	408kg
Total Power Consumption	10 HP

Model- 2 ▶

