

STAR

PLYWOOD MACHINERY



Your Search
Ends Here

STAR

PLYWOOD MACHINERY



YOUR **SEARCH**
ENDS **HERE**

===== A D V A N T A G E =====

- Highest Speed Veneer Peeling Machine in India
- Veneer peeling speed can be as fast as **150m/min**
- Veneer peeling speed can be as fast as **90m/min**
- Save power for 30%-50%. Normally the running current only the 50% of the rated current
- Good quality of the veneer, smooth and evenness, thickness evenness $\pm 0.05\text{mm}$
- Stable roller running speed, reduce the influence of the voltage fluctuation
- Effective after sale service across pan India
- Advanced control system with **1.5 Kw** outdoor AC
- Clipper integrated model, peeling & clipping at same time
- Electronic Pump for Automatic Lubrication
- Advance CNC and user friendly operating system
- Automatic after log dropper
- Hardened Helical Gear & heavy duty gear box
- Use of latest servo motors for higher accuracy
- Specially designed for **Big Logs, Hard Wood, Eucalyptus, Rubber Wood, Poplar**
- Machines successfully running all over India.

4 FEET 150 M/MIN. SUPER HIGH SPEED VENEER PEELING MACHINE

MODEL : LEO STAR

***Maximum Yield Output per Quintals of Wood**



New Slides System



AUTOMATIC KNIFE CLAMPING SYSTEM

AUTOMATIC LUBRICATION SYSTEM

COMPLETELY SERVO CONTROLLED SYSTEM

INDIA'S FASTEST & MOST ADVANCED CNC VENEER PEELING MACHINE

PARAMETER	VALUE	NOTES
Length of the Roller	1500 mm	
Power of Double Roller	15 kw x 2	AC servo motor
Power of Single Roller	15 kw x 2	AC servo motor
Power of Screw Feed	11 kw	AC servo motor
Power of Rotary Clipper	2.2 kw	AC servo motor
Power of Rubber Roller	2.2 kw	AC servo motor
Power of Hydraulic Powerpack	3 kw	
Power of Conveyor	1.5 kw	
Total Power	80 kw	
Roller Gear Box	Helical Gear Box	
Screw Feed Gear Box	Helical Gear Box	
Clipper Gear Box	Helical Gear Box	
Rubber Roller Gear Box	Helical Gear Box	
Veneer Output Speed	45-150 m/min Adjustable	
Blade	1500*180*16	
Screw Diameter	90 mm	
Max Opening	500	
Minimum Log Core	24 mm	
Thickness	0.4 - 3.6 mm	
Clipper Width	> = 400 mm	
Control Unit	Peeling Speed Adjust System Close loop servo control	PLC+ Touch Screen 1.5kw Outdoor AC
Size (LxWxH)	4200*2300*1650	
Weight	7200 kg	

STAR PLYWOOD MACHINERY

Mobile : 98960-66166, 9355-434343
E-mail : starinternational2015@gmail.com
Web : www.starplywoodmachinery.com

4 FEET 90 M/MIN. HIGHSPEED VENEER PEELING MACHINE

MODEL : TAURUS STAR

***Maximum Yield Output
per Quintals of Wood**

**AUTOMATIC LUBRICATION
SYSTEM**



New Slides System

INDIA'S MOST ADVANCED & RELIABLE HIGH SPEED VENEER PEELING MACHINE

PARAMETER	VALUE	NOTES
Length of the Roller(mm)	1500	
Power of Double Roller(kw)	7.5kw X 2	AC induction motor
Power of Single Roller(kw)	7.5kw X 2	AC induction motor
Power of Screw Feed(kw)	11kw	AC Servo motor
Power of Rotary Clipper(kw)	1.5kw	AC Servo motor
Power of Rubber roller (kw)	1.5kw	AC induction motor
Power of Conveyor (kw)	1.5kw	
Total Power(Kw)	46.0kw	
Roller Gear Box	Helical Gear Box	
Screw Feed Gear Box	Helical Gear Box	
Clipper Gear Box	Helical Gear Box	
Rubber Roller Gear Box	Helical Gear Box	
Veneer output speed(m/min)	30-90 m/min Adjustable	
Blade (mm)	1500*180*16	
Max opening(mm)	500	
Minimum Log core	16mm / 24mm	
Thickness(mm)	0.4 - 3.6	
Diameter of screw(mm)	90mm	
Control Unit	Peeling Speed Adjust System Closed loop Servo control	PLC + Touch Screen
Size(mm)	4150*2080*1540 Length(mm)*Width(mm)*Height(mm)	
Weight(kg)	6500	

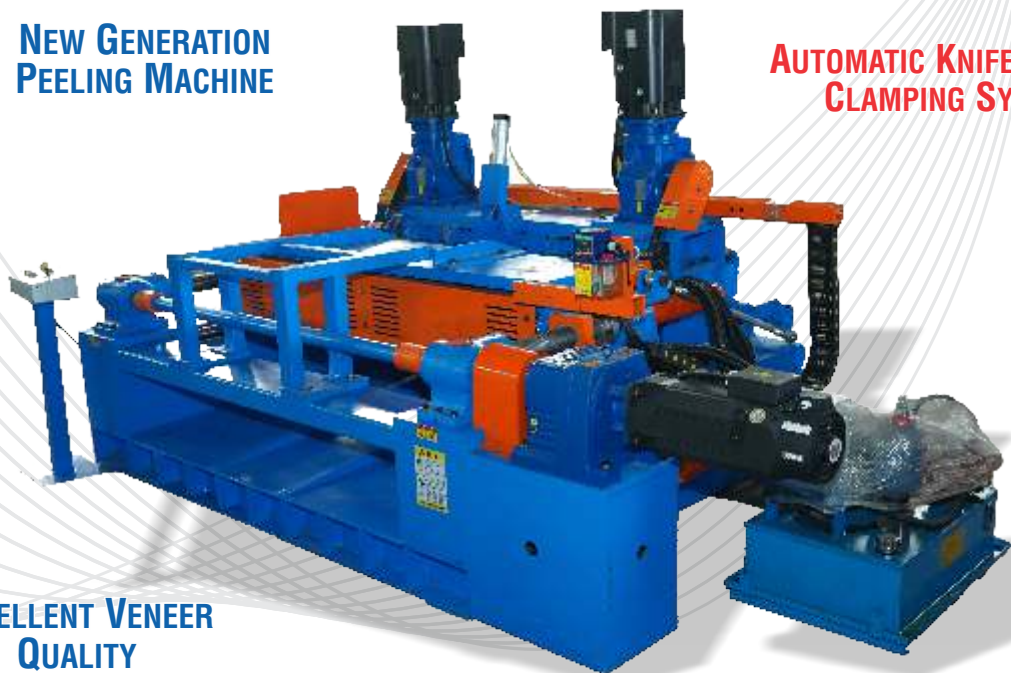
SUPER HEAVY DUTY DOUBLE ROLLER MOVING PEELING MACHINE

MODEL : MEGA STAR

NEW GENERATION
PEELING MACHINE

AUTOMATIC KNIFE
CLAMPING SYSTEM

EXCELLENT VENEER
QUALITY



SPECIALLY DESIGNED FOR INDIAN HARDWOOD

PARAMETER	VALUE	NOTES
Length of the Roller(mm)	1500	
Power of Double Roller(kw)	11kw X 2	AC servo motor
Power of Single Roller(kw)	15kw X 2	AC servo motor
Power of Screw Feed(kw)	11kw	AC servo motor
Power of Rotary Clipper(kw)	2.2kw	AC servo motor
Power of Rubber Roller (kw)	2.2kw	AC servo motor
Power of Hydraulic Powerpack	3kw	
Power of Conveyor	1.5 kw	
Total Power(Kw)	72kw	
Roller Reducer	Helical Gear Reductor X 4	
Screw Feed Reducer	Helical Gear Reductor X 1	
Veneer output speed(m/min)	80-150 m/min Adjustable	
Blade (mm)	1500*180*16	
Screw Diameter(mm)	90mm	
Max opening(mm)	500mm	
Minimum Log core	24mm	
Thickness(mm)	0.5 - 3.0 mm	
Clipper width(mm)	>= 400 mm	
Control Unit	Peeling Speed Adjust System Close loop servo control	PLC+ Touch Screen 1.5kw Outdoor AC
Weight	9000kgs	
Size(mm)	4000*2000*1800	

STAR PLYWOOD MACHINERY

Mobile : 98960-66166, 9355-434343
E-mail : starinternational2015@gmail.com
Web : www.starplywoodmachinery.com

4 FEET GANGI PEELING MACHINE

EQUIPMENT CHARACTERISTICS

- The Machine Weights up to 9000 kg.
- Both single and double rollers are equipped with two 11kw servo motors.
- The pushing mechanism uses an 11kw servo motor and the cutting blade is driven by a 1.5kw servo motor.
- The maximum opening of the machine is 500 mm.
- The rotary cutting thickness is available 1.7-7.0 mm.
- Improves veneer yield by 3-5%.
- Enhances veneer drying efficiency by approximately 10-15%.
- Reduces shrinkage of dried veneer by 2-3%.
- Lowers heat consumption by about 5-8%.
- Delivers smooth veneer surface with fewer and shallower scratches and makes it flatter and softer.



PARAMETER	VALUE	NOTES
Length of the Roller(mm)	1500	
Power of Double Roller(kw)	11kw X 2	AC servo motor
Power of Single Roller(kw)	15kw X 2	AC servo motor
Power of Screw Feed(kw)	11kw	AC servo motor
Power of Rotary Clipper(kw)	2.2kw	AC servo motor
Power of Rubber Roller (kw)	2.2kw	AC servo motor
Power of Hydraulic Powerpack	3kw	
Power of Conveyor	1.5 kw	
Total Power(Kw)	72kw	
Roller Reducer	Helical Gear Reductor X 4	
Screw Feed Reducer	Helical Gear Reductor X 1	
Veneer output speed(m/min)	80-150 m/min Adjustable	
Blade (mm)	1500*180*16	
Screw Diameter(mm)	90mm	
Max opening(mm)	500mm	
Minimum Log core	24mm	
Thickness(mm)	0.5 - 3.0 mm	
Clipper width(mm)	>= 400 mm	
Control Unit	Peeling Speed Adjust System Close loop servo control	PLC+ Touch Screen 1.5kw Outdoor AC
Weight	9000kgs	
Size(mm)	4000*2000*1800	



Simple structure,
more convenient for adjusting
the knife



Separate rack for easy
adjustment



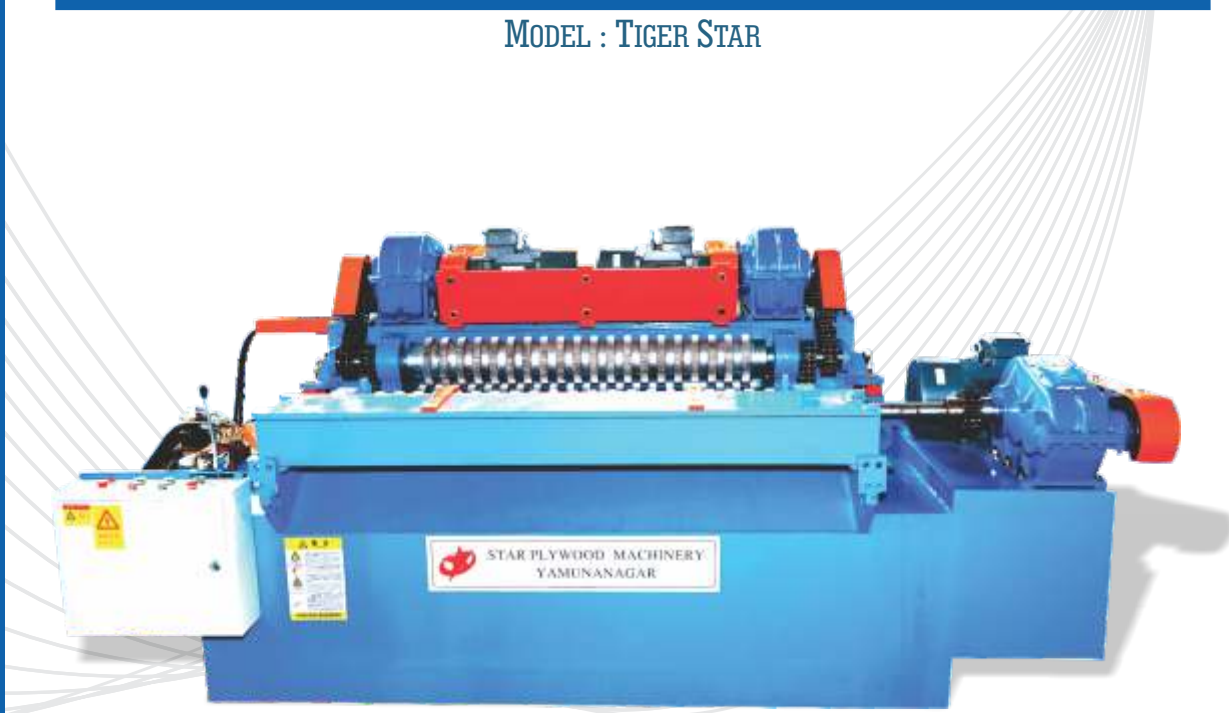
Cam sub-rail, constant wood
extrusion force and uniform
veneer thickness



Roller linear guides
for greater loads

SUPER HEAVY DUTY 4 Ft. WOOD DEBARKER MACHINE

MODEL : TIGER STAR



GEARED STEEL ROLLERS



***OIL COOLING SYSTEM
SPECIALLY DESIGNED FOR INDIAN HARDWOOD**

PARAMETER	VALUE	NOTES
Length of the Roller(mm)	1500	
Power of Double Roller(kw)	11kw x 2	AC induction motor
Power of Single Roller(kw)	11kw	AC induction motor
Power of Hydraulic Pump (kw)	7.5kw	AC induction motor
Total Power(Kw)	40.5kw	
Double Roller Reducer	Helical Gear Box x 2	
Single Roller Reducer	Helical Gear Box x 1	
Max opening(mm)	550 (mm)	
Size(mm)	3500*2300*1550 (mm)	
Diameter of Steel Rollers	210 (mm)	
Weight(kg)	5000	
Advantage	Oil Cool System	

STAR PLYWOOD MACHINERY

Mobile : 98960-66166, 9355-434343
E-mail : starinternational2015@gmail.com
Web : www.starplywoodmachinery.com

SUPER HEAVY DUTY 4 Ft. WOOD CHIPPER DEBARKER

MODEL : SUPER TIGERSTAR



Double Chipper Cutter



GEARED STEEL ROLLERS

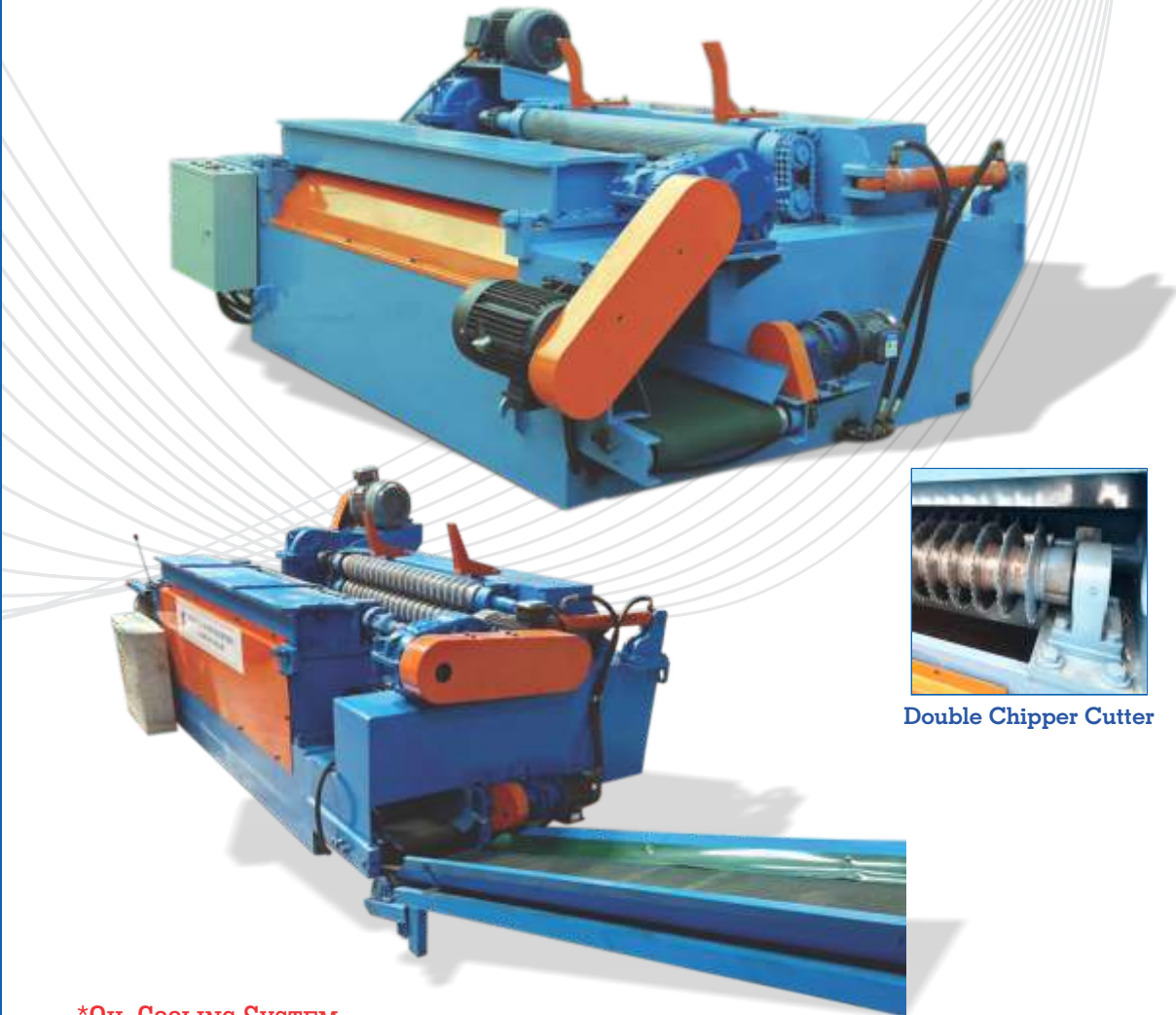


SPECIALLY DESIGNED FOR INDIAN HARDWOOD

PARAMETER	VALUE	NOTES
Length of the Roller(mm)	1500	
Power of Double Roller(kw)	11kw x 2	AC induction motor
Power of Single Roller(kw)	11kw	AC induction motor
Power of Hydraulic Pump (kw)	7.5kw	AC induction motor
Power of Chipper	5.5kw + 11kw	
Power of Conveyor	3kw	
Total Power(Kw)	60kw	
Double Roller Reducer	Helical Gear Box x 2	
Single Roller Reducer	Helical Gear Box x 1	
Max opening(mm)	550 (mm)	
Size(mm)	3500*2300*1550 (mm)	
Diameter of Steel Rollers	210 (mm)	
Weight(kg)	5200 kg	
Advantage	Oil Cool System	

HEAVY DUTY 4 FT. WOOD CHIPPER DEBARKER

MODEL : JAGUAR STAR



Double Chipper Cutter

*OIL COOLING SYSTEM

INTRODUCED IN INDIA FOR THE FIRST TIME BY STAR PLYWOOD MACHINERY

PARAMETER	VALUE	NOTES
Length of the Roller	1500 mm	
Power of Double Roller	11kw	AC induction motor
Power of Single Roller	7.5 kw	AC induction motor
Power of Oil Pump	7.5 kw	AC induction motor
Power of Chipper	5.5 + 11 kw	AC induction motor
Power of Conveyor	3 kw	AC induction motor
Total Power	45 kw	
Double Roller Gear Box	Helical Gear Box	
Single Roller Gear Box	Helical Gear Box	
Conveyor Gear Box	Helical Gear Box	
Max Opening	550 mm	
Size (LxWxH)	3700*2300*1550	
Diameter of Steel Rollers	160 (mm)	
Weight	4800 kg	

STAR PLYWOOD MACHINERY

Mobile : 98960-66166, 9355-434343
E-mail : starinternational2015@gmail.com
Web : www.starplywoodmachinery.com

HEAVY DUTY 4 FT. WOOD DEBARKER MACHINE

MODEL : PANTHER STAR



GEARED STEEL ROLLERS



***OIL COOLING SYSTEM
SPECIALLY DESIGNED FOR INDIAN HARDWOOD**

PARAMETER	VALUE	NOTES
Length of the Roller(mm)	1500	
Power of Double Roller(kw)	11 kw	AC induction motor
Power of Single Roller(kw)	7.5 kw	AC induction motor
Power of Hydraulic Pump (kw)	7.5 kw	AC induction motor
Total Power(Kw)	26 kw	
Double Roller Reducer	Helical Gear Box	
Single Roller Reducer	Helical Gear Box	
Max opening(mm)	550 (mm)	
Size(mm)	3790*2180*1600 (mm)	
Diameter of Steel Rollers	160 (mm)	
Weight(kg)	4500	

4 FEET **AUTOMATIC CORE VENEER** SINGLE STACKER



PARAMETER	VALUE
Length of the Veneer (mm)	1300 mm
Width of the Veneer (mm)	500 - 1270 mm
Thickness of the Veneer (mm)	0.8 - 4.0 mm
Stacking speed (m/min)	0-80m/min
Stacking height(mm)	800 - 1000mm
Number of the Deck	1
Classify of the veneer	2
Power of the Vacuum Fan	5.5kw X 2
Total Power(Kw)	18 kw
Control Unit	PLC + Touch Screen Inverter Driver for all the motors
Weight(kg)	2000kg

4 FEET **AUTOMATIC CORE VENEER** DOUBLE STACKER



MAIN FUNCTION & ADVANTAGE

- Easier operation, lower fault
- **Save manpower**, improve working efficiency
- Stack neatly and better transmission
- With hydraulic lifting table, more steady and durable
- Advanced control system and core technology

SPECIALLY DESIGNED FOR INDIA

PARAMETER	VALUE
Length of the Veneer (mm)	1300 mm
Width of the Veneer (mm)	2600 mm
Thickness of the Veneer (mm)	0.8 - 4.0 mm
Stacking speed (m/min)	100m/min
Stacking height(mm)	800 - 1200mm
Number of the Deck	4*4 - 4*4
Power of the Vacuum Fan	5.5kw X 4
Total Power(Kw)	32.4kw
Control Unit	PLC + Touch Screen Inverter Driver for all the motors
Length of the veneer conveyor	6000mm
Size(mm)	5000*2000*2750
Weight(kg)	5000kg

CORE VENEER COMPOSER MACHINE (4X8 FEET)

MODEL : STAR COMPOSER



SPECIALLY DESIGNED FOR INDIAN WORKING CONDITIONS

PARAMETER	VALUE
Knife Length	1400 mm
Working Veneer Length	750 - 1350 mm
Max. Available Jointing Length	1350 mm
Max. Available Jointing Width	2700 mm
Veneer Thickness	1.0 - 4.0 mm
Max. feeding speed	50 m/min (Adjustable)
Number of glue threads	7 rows
Points for glue dispensing	8 points
PLC Control system	Delta
Laser detection quantity	2 pcs
Production capacity	360 pcs/H
Power	18.5 kw
Overall size	13 x 2.4 x 2.5 m
Weight	6000 kg

L-TYPE CORE FINGER PANEL JOINTER

MODEL : STAR L - COMPOSER



SPECIALLY DESIGNED FOR INDIAN WORKING CONDITIONS

PARAMETER	VALUE
Knife Length	1400 mm
Working Veneer Length	750 - 1350 mm
Max. Available Jointing Length	1350 mm
Max. Available Jointing Width	2700 mm
Veneer Thickness	1.0 - 4.0 mm
Max. feeding speed	50 m/min (Adjustable)
Number of glue threads	7 rows
Points for glue dispensing	8 points
PLC Control system	Delta
Laser detection quantity	2 pcs
Production capacity	300 pcs/H
Power	59.2 kw
Overall size	13 x 2.4 x 2.5 m
Weight	6000 kg



FINGER JOINTING MACHINE HEAD



STAR PLYWOOD MACHINERY

Mobile : 98960-66166, 9355-434343
E-mail : starinternational2015@gmail.com
Web : www.starplywoodmachinery.com

SEMI AUTOMATIC LOG PEELING MACHINE

Rounder for High Width, Knotted
Hard Jungle Wood Logs



SPECIAL DESIGN FOR INDIAN WORKING CONDITIONS

PARAMETER	VALUE
Structure	Machine is Fix on the 6" Channel Frame
Spindle	Spindle 110 M.M. Dia made from Special Steel Fitted with Brake Drum
Auto Lubrication	0.25 HP Pump
Brake	Imported Disc Brake
Can Peel	0.6 MM to 3.5 MM
Motor	1 x 30 HP, 3 x 5 HP
Weight	6500 KG
Gear Box	5 Speed Made by Tata / Leyland 50 / 60 No

CNC AUTOMATIC PLYWOOD EDGE TRIMMING SAW

MODEL : STAR EDGE SAW



ADVANTAGE

1. Servo control system ,use Permanent Magnet Synchronous Motor, use of Absolute encoders, Easy to use, very accurate size trimming. Fast speed and large amount of output.
2. Size of the plywood adjustable, one machine for every kind of the plywood.
3. Use very good bearings and good lubrication system, reliable quality and very few maintenance.
4. Infrared ray to fix the location for accuracy
5. High Productivity and good quality
6. Automatic Stacking unit
7. Electronic width adjustment (**3x6 to 4 x8 feet adjustable**)
8. Use of feed **SERVO MOTORS**
9. Use of most advanced control system

PARAMETER	VALUE
Size of the plywood	3x6 to 4x8 feet Adjustable
Length	1830-2500
Width	900-1300
Thickness	10 - 60 mm
Diameter of the Saw blade	305mm
Feeding speed	30 - 60 m/min
Line speed of the saw blade	90-120 m/s
Total Power	37 kw

STAR PLYWOOD MACHINERY

Mobile : 98960-66166, 9355-434343
E-mail : starinternational2015@gmail.com
Web : www.starplywoodmachinery.com

AUTOMATIC SHORT CORE FALLI COMPOSER



SPECIALLY DESIGNED FOR INDIAN WORKING CONDITIONS

PARAMETER	VALUE
Front Feeding driver (kw)	3kw
Rear Feeding driver(kw)	3kw
Motor of the Clipper (kw)	2.3kw -380v
Total Power	8.3 kw
Working efficiency	300pcs/h
Gear box for Feeding	PF142L-8 X 2
Control System	PLC + HMI
Veneer Feeding speed(m/min)	5-45 m/min Adjustable
Veneer Thickness	1.0mm -4.0mm
Min Veneer Size(mm)	300mm
Size of the Stacker	3m X 2.2m X 1.5m
Weight(kg)	2000



8FT PNEUMATIC GLUE SPREADER



PARAMETER	VALUE
Length of roller	2700mm(8ft)
opening	1-30mm
Glue roller diameter*tube length	φ 420*2700mm
Squeezing rubber roller diameter*tubelength	φ 290*2700mm
Glue spreading speed	40-90m/min(Stepless)
driven by frequency inverter	
Main drive roller power	7.5kw
Out feeding roller power	0.75kw
Overall Dimension	4600*2800*1800mm
Total weight	5500kg
WITH ROLLER CONVEYOR	



STAR PLYWOOD MACHINERY

Mobile : 98960-66166, 9355-434343
E-mail : starinternational2015@gmail.com
Web : www.starplywoodmachinery.com

PAVING LINE



SPECIALLY DESIGNED FOR FILM FACED PLYWOOD

PARAMETER	VALUE
Weight	30000
Working Width	1300
Trolly Conveyor Length	6000 mm
Trolly Conveyor Width	1300 mm
Saw Motor	4 kw
Moving Motor	0.75 kw
Dust Collector Motor	3 kw
Lifting Table Motor	3 kw
Trolly Moving Motor	1.5 kw
Trolly Belt Motor	1.5 kw
Total Power	14 kw
Total Weight	6000 kg
Overall Dimensions	36500 x 2500 x 1700

4 FEET AUTOMATIC KNIFE GRINDER

MODEL : GRIND STAR (4FT)

SEMI AUTOMATIC
MAGNETIC



SPECIALLY DESIGNED FOR INDIA

PARAMETER	VALUE
Maximum Grinding Length	1500 mm
Max Grinding Width	200 mm
Dimension of Working Platform	1500 x 180 mm
Rotation Angle of Working Platform	±90°
Working Speed of Grinding Head	17m/min
Rotary Speed of Sanding Wheel	1440/min
Diameter of Sanding Wheel	200-250mm
Type of Sanding Wheel	Cup-shaped
Motor Power of Grinding Head	4KW
Total Power	6KW

4 FEET FULLY AUTOMATIC PEELING PRODUCTION LINE WITH COMMON WASTE CONVEYOR





Your Search
Ends Here

Importer, Exporters & Manufacturers of all types of Plywood Machinery
Village Badi Majra, Yamuna Nagar 135001 (Haryana) India

Mobile : 98960-66166, 9355-434343, 99961-00111, 94666-60069

E-mail : starinternational2015@gmail.com · Web : www.starplywoodmachinery.com

SISTER CONCERN : **VISHAL WOOD CRAFT**, Yamuna Nagar