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PLANTATION RESOURCES ENTERPRISE PTE LTD

ONE STOP COMPLETE SERVICE!

SMART INVESTMENT
HIGHER PRODUCTIVITY
maximise your resources



ABOUT US

Plantation Resources Enterprise Pte Ltd (PRE) was established in 2004. We aim to provide seamless service for Plywood and Veneer machinery for the South East Asia market. Staying abreast of new technology for our industry remains our topmost priority. Our network of Principles and Partners has allowed us to grow from Stockist and Supplier to Consulting and Building of factories.

If you want to build Plywood or Veneer factory producing Quality products, look no further. Come see us.

Setting up your Veneer or Plywood factory? Look no further

PLANTATION RESOURCES ENTERPRISE Group provide ONE STOP COMPLETE SERVICE!

Our company will assist you from design to installation, to maximizing your production with our tailor made machinery and to help you achieve profitable business.

Consultation services available are :

- **Conceptual Design & Layout.**
- **Factory Preparation, Engineering and Machinery Set up to Project Implementation.**
- **Production Management.**
- **Marketing & Sales of end products.**

Speak to our professional now!

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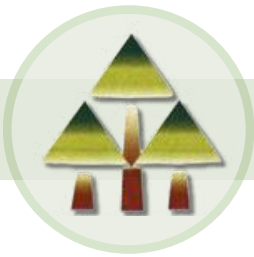


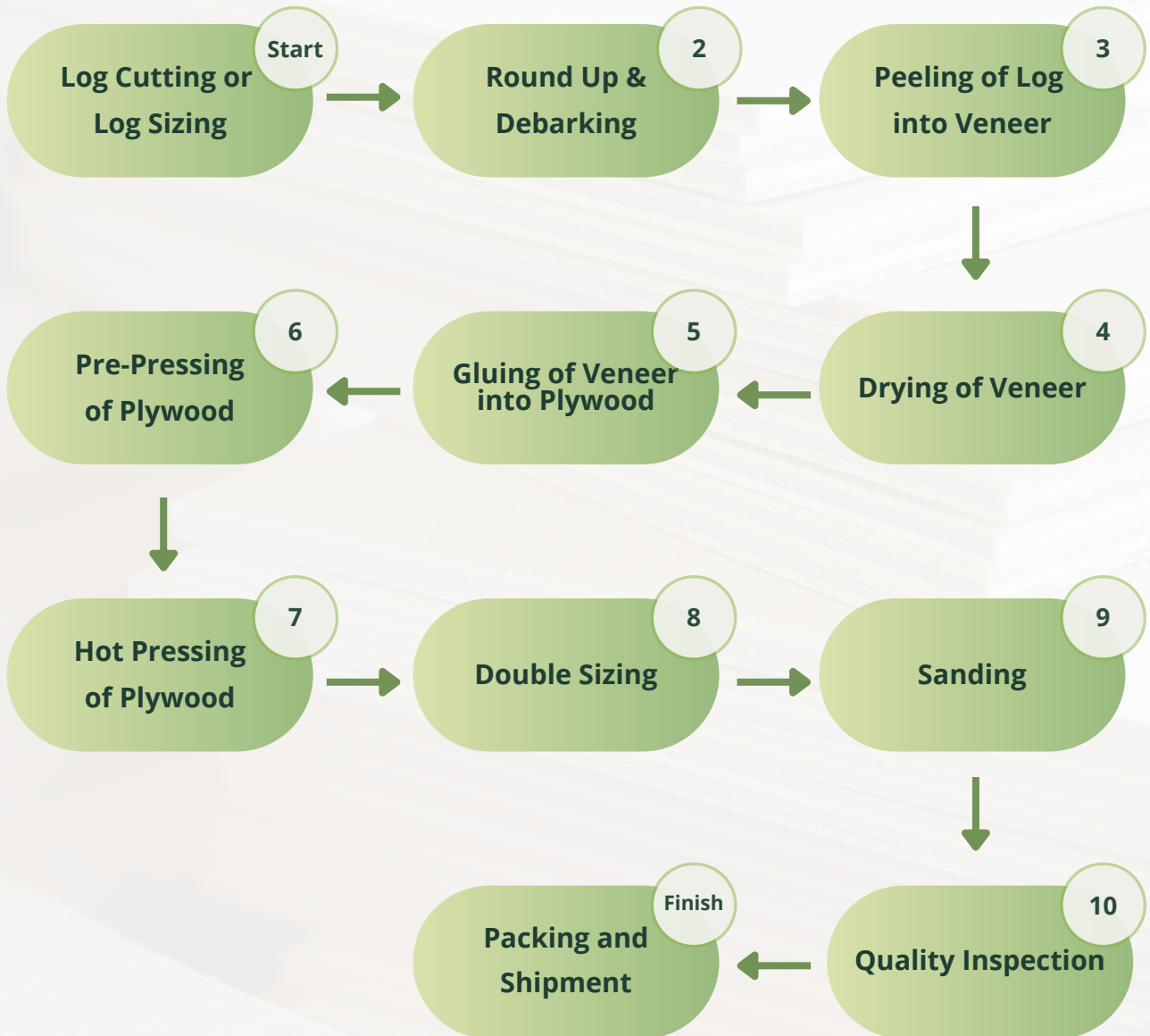
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PLYWOOD PRODUCTION PROCESS





LOG CUTTING OR LOG SIZING



LOG SIZING MACHINE CIRCULAR SAW SYSTEM

Model : BHJ 1615

USING 3 SAW BLADES

Cutting Diameter	: 150 ~ 500 mm
Saw Blade Diameter	: 1,500 mm
Saw Motor	: 3 x 30 kW = 90 kW
Hydraulic Station Motor	: 4 + 7.5 = 11.50 kW

[Click here to see how this machine operates](#)

LOG SIZING MACHINE DECK CHAIN SAW – HYDRAULIC OPERATED

Model : BHJ - 1615 - 96

Length of Guide Bar	: 96 inches
Max. Cutting Log Diameter	: Ø 1,500 mm
Chain Saw Motor Power	: 15 kW
Chain Conveyor Motor Power	: 4 kW
Hydraulic Motor Power	: 2.2 + 7.5 = 9.70 kW
Total Motor Power	: 28.70 kW

- HYDRAULIC CHAIN SAW MACHINE CAN MOVE
LATERALLY (LEFT & RIGHT)
- LATERAL DISTANCE ± 125 MM



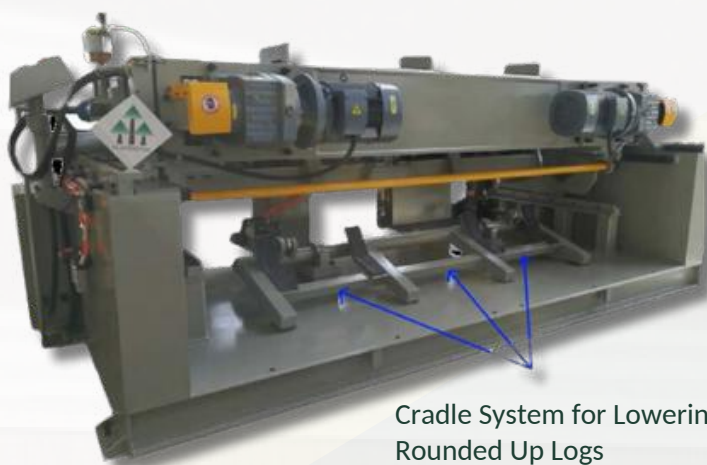


ROUND UP & DEBARKING

5FT OR 9FT ROUND UP SPINDLELESS

Model : DR - 9 - 500 - WH

Working Log Diameter	: Ø 130 ~ Ø 500 mm
Max Length of Log to be Round Up	: 2,600 mm
Feed Roller Motor Power	: 7.5 kW x 02
Knife Roller Motor Power	: 7.5 kW x 02
Roller Motor Power	: 2.2 kW
Hydraulic Motor Power	: 5.5 kW
Working Pressure	: 4.0 ~ 6.0 Mpa
Feed Speed	: 60 m/min
Centering Device	: Pneumatic Alignment
Total Motor Power	: 37.70 kW
Air Pressure	: 0.5 ~ 0.6 Mpa
Overall Dimension	: 5,000 x 2,200 x 1,650 mm
Weight	: 9,500 kg



Cradle System for Lowering of Rounded Up Logs

- MACHINE MAIN FRAME HAD BEEN STRENGTHENED
- DIRECT DRIVE SYSTEM UTILIZED

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PEELING OF LOG INTO VENEER

9FT ROTARY LATHE, SPINDLE TYPE

Model : RL - 9 - S - HY / 1300 - 200 DC 75kW

Model	: RL - 9 - S - HY / 1300 - 200 (DC 75kW)
Max. Cutting Diameter	: 220 ~ 1,300 mm
Max. Cutting Length	: 2,150 ~ 2,700 mm
Chuck Diameter	: Ø 200 mm & Ø 350 mm
Thickness Range of Veneer	: 0.25 ~ 3.4 mm
Max. Rotating Speed of Spindle	: 0 ~ 120 RPM High Gear @ 100 ~ 120 RPM Low Gear @ 60 ~ 70 RPM
Quick Forward & Backward Speed of Cutting	: 2.35 m/min
Rapid Feed Motor Power	: 4 kW
Hydraulic Motor Power	: 5.5 kW
Adjustable Peeling Angle	: 18° ~ 23°
Overall Dimension of Machine	: 8,250 x 2,855 x 1,554 mm
Weight	: 17,000 kg
Voltage	: 380 V 3 Phase 50 Hz
Nose Bar Thickness	: 25 mm
Centre Spur Knife	: Using Pneumatic System
Main Motor Power	: 75 kW (DC Motor)
Size of Veneer Knife	: Using Japan Uroko Specs
Spur Knife	: Using Japan Uroko Specs



[Click here to see how this machine operates](#)

INCLUSIVE OF :

- COOLER UNIT FOR HYDRAULIC TANK
- CENTRAL SPUR KNIFE USING PNEUMATIC SYSTEM
- BALL SCREW SYSTEM I/O CONVENTIONAL FEED SCREW
- ADDITIONAL SAFETY FEATURE : AUTO ELECTRICITY CUT OFF DURING CHANGING OF THICKNESS GEAR



PEELING OF LOG INTO VENEER

5FT OR 9FT SPINDLELESS C/W NOSE BAR SYSTEM

Model : SLK 1350 / 5F or SLK 2600 / 5F

Specifications	SLK 1350 / 5F	SLK 2600 / 5F
Max Cutting Length	1,350 mm	2,600 mm
Max Diameter of Log to be Peeled	Ø 480 mm	Ø 480 mm
Diameter of Log after Peeled	Ø 60 mm	Ø 60 mm
Range of Thickness of Veneer to be Peeled	0.8 ~ 3.4 mm (Dependent on Wood Density < 650 kg/m ³)	0.35 ~ 3.4 mm (Dependent on Wood Density < 650 kg/m ³)
Feed Screw Diameter	Ø 80 mm	Ø 80 mm
Feed Speed	30 ~ 80 m/min	30 ~ 80 m/min
Knife & Feed Roller Motor Power	7.5 kW x 4 = 30 kW	11 kW x 4 = 44 kW
Feed Screw Servo Motor Power	7.0 kW	11 kW
Knife Roller Servo Motor Power	3.5 kW	3.5 kW
Knife Gap Adjustment Servo Motor Power	1.5 kW	1.5 kW
Back Peeling Angle Adjustment Servo Motor Power	1.5 kW	1.5 kW
Hydraulic Motor Power	1.5 kW	1.5 kW
Total Motor Power	45.0 kW	63.0 kW
Dimension	3,350 x 2,200 x 1,900 mm	4,600 x 2,200 x 1,900 mm
Weight	12,000 kg	13,500 kg



[Click here to see how this machine operates](#)



- USING NOSE BAR SYSTEM FOR ACCURATE VENEER THICKNESS
- HYDRAULIC KNIFE CLAMPING
- UROKO REB-9 TYPE VENEER KNIFE & HOLDER
- VENEER THICKNESS SETTING VIA DEDICATED SERVO MOTOR, ALLOWING CHANGES IN SECONDS
- MITSUBISHI SERVO MOTORS & CONTROLLERS



PEELING OF LOG INTO VENEER

5FT OR 9FT SPINDLELESS 2 IN 1 (PEELING + CLIPPING)

Model : SLK (J) 1350 / 5F or SLK (J) 2600 / 5F

Specifications	SLK (J) 1350 / 5F	SLK (J) 2600 / 5F
Max Cutting Length	1,350 mm	2,600 mm
Max Diameter of Log to be Peeled	Ø 480 mm	Ø 480 mm
Diameter of Log After Peeled	Ø 60 mm	Ø 60 mm
Range of Thickness of Veneer to be Peeled	0.8 ~ 3.4 mm (Dependent on Wood Density < 650 kg/m3)	0.35 ~ 3.4 mm (Dependent on Wood Density < 650 kg/m3)
Feed Speed	40 ~ 80 m/min (Linear not Variable)	40 ~ 80 m/min (Linear not Variable)
Knife Roller Motor Power	7.50 kW x 2 = 15 kW	11 kW x 2 = 22 kW
Feed Roller Motor Power	7.50 kW x 2 = 15 kW	11 kW x 2 = 22 kW
Feed Screw Servo Motor Power	7.0 kW	11 kW
Knife Roller Servo Motor Power	3.50 kW	3.50 kW
Knife Gap Adjustment Servo Motor Power	1.50 kW	1.50 kW
Back Peeling Angle Servo Motor Power	1.50 kW	1.50 kW
Clipper Servo Motor Power (CTB Brand)	7.0 kW	7.0 kW
Anvil Roller Motor Power	2.20 kW	2.20 kW
Hydraulic Motor Power	1.50 kW	1.50 kW
Total Motor Power	54.20 kW	72.20 kW
Dimension	3,800 x 2,150 x 2,060 mm	5,110 x 2,150 x 2,060 mm
Weight	12,500 kg	14,200 kg
Peeling Knife Size	1,524 x 200 x 16 mm	2,760 x 200 x 16 mm
Clipping Knife Size	1,500 x 120 x 12 mm	2,750 x 120 x 12 mm
Nose Bar Size	1,350 x 120 x 21 mm	2,620 x 120 x 21 mm



- NOSE BAR SYSTEM FOR ACCURATE VENEER THICKNESS
- MITSUBISHI SERVO MOTOR & CONTROLLERS
- INDEPENDENT OPS CONSOLE FOR CLIPPER SYSTEM USING MITSUBISHI CONTROL SYSTEM

[Click here to see how this machine operates](#)



PEELING OF LOG INTO VENEER

5FT SPINDLELESS 2-IN-1 ROTARY LATHE (PEELING + CLIPPING) GANGGI + NOSE BAR SYSTEM

Max Cutting Length	: 1,500mm
Max Log Diameter	: Ø 500mm
Range of Thickness of Veneer to be Peeled	: 1.2 ~ 4.5mm (Wood Density < 650 kg/m ³)
Diameter of Log after Peeled	: Ø 30mm



- HYDRAULIC KNIFE CLAMPING SYSTEM
- MITSUBISHI PLC CONTROL UNIT & TOUCH SCREEN
- MECHANICAL BACK ANGLE SYSTEM
- USING FEED SCREW SYSTEM
- USING SERVO MOTOR YASKAWA JAPAN
- DIAMETER OF GANGGI CORRESPOND TO THE THICKNESS OF VENEER TO BE PEELED

9FT SPINDLELESS ROTARY PEELING LATHE

Model : BXQ 1827 / 5A

Max Cutting Length	: 2,600 mm
Max Diameter of Log to be Peeled	: Ø 480 mm
Diameter of Log after Peeled	: Ø 40 mm
Range of Thickness of Veneer to be Peeled	: 0.4 ~ 3.0 mm (Wood density < 650 kg/m ³) (Log Species Falcata / Sengon 0.5 ~ 3.0mm)
Feed Speed	: 50 ~ 80 m/min
Feed & Knife Rollers Motor Power	: 4 x 11 kw = 44 kw
Feeding Servo Motor Power	: 11 kw
Back Peeling Angle Servo Motor Power	: 1.5 kw
Oil Pump Motor Power	: 1.5 kw
Total Motor Power	: 58 kw

- PEELING KNIFE SPECIFICATION:
2750 X 180 X 16MM
- SERVO MOTOR BACK ANGLE
ADJUSTMENT
- ALLOWING BACK ANGLE
ADJUSTMENT FROM 18-24°





DRYING OF VENEER

HOT PRESS DRYER FOR VENEER

Model : HPD - 48 - 15 - 40 T

Max Pressure	: 40 Ton
Nos of Openings	: 15
Platen Size	: 2,700 x 1,370 x 42 mm
Opening Distance	: 60 mm
Heating Mode	: Thermo-oil or Steam / Vapor Steam
Feeding Direction	: Lateral feeding
Height of Working Platform	: 400 mm
Main Cylinders	: 4 x Ø 100 mm
Max Stroke of Cylinder	: 900 mm
Normal Oil Pressure	: 12.7 Mpa
Steam Consumption	: 420,000 kcal/hr or 0.7 Ton/hr
Motor Power	: 15 kW
Overall Dimension	: 5,410 x 1,734 x 3,304 mm
Approx Weight	: 25,000 kg



- SIMULTANEOUS OPENING AND CLOSING OF ALL PLATENS.
- AUTO COMPENSATION FOR RELEASE OF STEAM BUILD UP (DURING DRYING PROCESS)

HOT PRESS DRYER FOR VENEER

Model : HPD - 48 - 15 - 40 T - TA

Max Pressure	: 40 Ton
Nos of Opening	: 15
Platen Size	: 2,700 x 1,370 x 42 mm
Opening Distance	: 60 mm
Heating Mode	: Thermo-oil or Steam / Vapor Steam
Feeding Direction	: Lateral feeding
Height of Working Platform	: 400 mm
Main Cylinders	: 4 x Ø 100 mm
Max Stroke of Cylinder	: 900 mm
Normal Oil Pressure	: 12.7 Mpa
Deputy Oil Cylinder	: 4 x Ø 40 mm
Motor Power	: 15.55 kW
Overall Dimension	: 4,300 x 1,734 x 3,304 mm
Approx Weight	: 25,000 kg



- TYPE A (TA) WITHOUT THE ARM SYSTEM REQUIRES LESSER SPACE

[Click here to see how this machine operates](#)



DRYING OF VENEER

CONTINUOUS NET DRYER 03 DECKS 16 HEATING + 03 COOLING SECTIONS

Model : ZD 1603 - 03

Working Width	: 2,650 mm
Working Decks	: 3
Length of Heating Sections	: 16 x 2,000 = 32,000 mm
Length of Cooling Sections	: 3 x 2,000 = 6,000 mm
Total Installed Power	: 302 kW
Feed Speed	: 0 ~ 40 m/min
Drying Method	: Thermo-oil or Steam
Drying Temperature	: 90 ~ 140° C
Steam Consumption	: 1,800,000 ~ 2,100,000 kcal/hr
Density of Veneer	: 550 ~ 650 kg/m ³
Veneer Thickness	: 0.5 ~ 3.0 mm
Drying Capacity	: 4.5 ~ 6.0 m ³ /hr

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ROLLER DRYER 03 DECKS 12 HEATING + 02 COOLING SECTIONS

Model : RD - 3 - 12 + 2 - 4400 - JZD

Working Width of Dryer	: 4,400 mm
Working Decks	: 3
Length of Heating Sections	: 12 x 2,000 = 48,000 mm
Length of Cooling Sections	: 2 x 2,000 = 4,000 mm
Transverse Speed	: 0 ~ 20 m/min
Energy Consumption	: 2,000,000 kcal/hr
Heating Medium	: Steam
Average Density of Veneer	: 550 ~ 650 kg/m ³
Drying Temperature	: 90 ~ 130° C
Veneer Thickness Range	: 1.5 ~ 3.0 mm
Drying Capacity	: 3.8 ~ 5.0 m ³ /h
Total Power	: 204.5 kW

- Automatic Humidity Control
- Controllers & PLC using Mitsubishi Brand





CORE BUILDER

CORE BUILDER + STACKER (SERVO TYPE)

Model : HS - ASCB 4 (Without Tenderizer)

Length of Knife	: 1,350 mm
Working Veneer Width	: 900 mm to 1,270 mm (3ft to 4ft)
Working Veneer Length	: 1,220 mm to 2,560 mm (4ft to 8ft)
Veneer Core Thickness	: 1.5 mm to 4.0 mm
Feeding Speed	: 33 ~ 36 m/min (Adjustable)
Thickness Detecting	: 20 points
Over Thickness Detecting	: 3 points
Edge - Gluing Points	: 30
Motor Servo In-Feed	: 2.0 kW (Panasonic - Japan)
Motor Servo Out-Feed	: 2.0 kW (Panasonic - Japan)
Motor Servo Random Clipper	: 4.0 kW (Panasonic - Japan)
Motor Full-Size Clipping	: 1.5 kW (Clutch)
Motor Separator	: 1.5 kW (Clutch)
Motor for Cooler Unit	: 0.5 kW / 0.25 kW
Motor for Heaters	: 6.5 kW
Motor for Fan	: 0.4 kW x 1 / 0.75 kW x 1
Motor for Stacker Lifting	: 2.25 kW
Motor for Stacker Feeding	: 0.4 kW x 2
Total Power	: 22.45 kW
Machine Weight	: NW 7,500 kg



AUTOMATIC CORE BUILDER + FINGER JOINTER FOR LONG CORE VENEER

Model : CXCG - 4C - C2

Total Land Area (Conventional)	: 13 m x 11 m x 3.5 m
Total Motor Power	: Tooth Splicer 30.7 kW + Cross Splicer / Receiver 25 kW = 55.7 kW
Efficiency	: Continuous Mode 4.5 sheets/min Docking Mode 5.5 sheets/min
Cooling System	: 2P
Working Thickness	: 1.7 ~ 3 mm
Into the Board Size (Conventional)	: 3ft / 4ft
Output Size (Conventional)	: 3ft x 6ft / 4ft x 8ft
Air Consumption	: 1,300 l/min





GLUING & PRE-PRESSING OF PLYWOOD

Z TYPE GLUE SPREADER - EASY MAINTENANCE

SPECIFICATION :

Machine	5ft Glue Spreader	9ft Glue Spreader
Model	EASY - GS - 4 - 418 - HX - Z	EASY - GS - 8 - 418 - HX - Z
Working Width	1,400 mm	2,700 mm
Size of Glue Spreading Roller	02 x Ø 418 x 1,400 mm	02 x Ø 418 x 2,700 mm
RPM of Glue Roller	0 ~ 69 RPM	0 ~ 69 RPM
Size of Dosing / Squeezing Roller	02 x Ø 295 x 1,400 mm	02 x Ø 295 x 2,700 mm
RPM of Doctor Roller	0 ~ 17 RPM	0 ~ 17 RPM
Feed Height	1,172 mm	1,172 mm
Feed Speed	0 ~ 90 m/min (Variable)	0 ~ 90 m/min (Variable)
Main Motor Power	5.5 kW	7.5 kW + 1.1 kW
Size	3,120 x 1,560 x 1,780 mm	4,420 x 2,940 x 1,780 mm
Net Weight	3,500 kg	5,500 kg

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COLD PRESS (PRE-PRESS)

Model : CP - 48 - 1 - 400 T / 500 T

	400 Ton	500 Ton
Nominal Gross Pressure	400 Ton	500 Ton
Normal Oil Pressure	26 Mpa	27 Mpa
Size of Platen	2,700 x 1,400 mm	2,700 x 1,400 mm
Working Width (Between Platen)	1200 mm	1,300 mm
Stroke of Cylinder	900 mm	900 mm
Main Cylinder Diameter	2 x Ø 320mm	2 x Ø 360 mm
Minor Cylinder Diameter	1 x Ø 160 mm	1 x Ø 160 mm
Main Hydraulic Power	7.5 kW	7.5 kW
Overall Dimension	3,655 x 4,342 x 2,286 mm	3,655 x 4,342 x 2,286 mm
Net Weight	Est. 22,000 kg	Est. 22,500 kg



- COME WITH CHAIN CONVEYOR SYSTEM
- HEAVY DUTY ROLLER CONVEYOR OPTIONAL

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HOT PRESSING OF PLYWOOD

MULTI OPENING HOT PRESS

Model : MHP - 48 - 20 - 400 T / 500 T

Nominal Gross Pressure	400 Ton	500 Ton
Normal Oil Pressure	26 Mpa	27 Mpa
Dimension of Hot Platen	2,700 x 1,370 x 42 mm	2,700 x 1,370 x 42 mm
Nos of Hot Platen	21	21
Numbers of Daylights	20	20
Distance Between Hot Platen	70 mm	70 mm
Diameter of Cylinder x Qty	320 mm x 2	360 mm x 2
Closing Time	About 22 secs	About 25 secs
Total Power for Hydraulic Motor	36 kW	52 kW
Overall Dimension	4,500 x 1,500 x 4,600 mm	4,500 x 1,500 x 4,600 mm
Net Weight	± 46 Ton	± 48 Ton



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MULTI OPENING HOT PRESS

Model : MHP - 48 - 20 - 400 T / 500 T Semi Auto Load & Unload

Nominal Gross Pressure	: 500 Ton	Range of Plywood Thickness	: 3 mm ~ 30 mm
Normal Oil Pressure	: 27 Mpa	Diameter of Cylinder x Qty	: Ø 360 mm x 2
Dimension of Hot Platen	: 2,700 x 1,350 x 42 mm	Closing Time (Load with Panels)	: ± 20 secs
Nos of Hot Platen	: 21 (Quality Q345)	Total Power for Hydraulic Motor	: (2 x 15 kW) + 15 kW = 45 kW
Numbers of Daylights	: 20	Overall Dimension	: 3,555 x 1,350 x 4,170 mm
Distance Between Hot Platen	: 70 mm	Net Weight (Hot Press)	: About 50 Ton



- USING SIEMENS PLC / TOUCH SCREEN CONTROL SYSTEM

- TEMPERATURE CONTROL FOR STABLE TEMPERATURE AT ALL HOT PLATENS

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DOUBLE SIZING

AUTOMATIC DOUBLE SIZER

Model : ADS - 48 - WH

LENGTH - WISE SIZER

Effective Cutting Width	: 915 ~ 1,220 mm
Cutting Thickness	: 2.5 ~ 30 mm
Feed Speed, Variable	: 0 ~ 70 m/min
Diameter of Circular Saw	: Ø 300 mm x 2 sets
RPM of Circular Saw	: 8,000 RPM
Power Length - Wise	: 23.72 kW (1.5 + 0.37 + 4 + 1 + (2 x 7.5) + 0.75 + 1.1)

CROSS- WISE SIZER

Effective Cutting Width	: 1,830 ~ 2,440 mm
Cutting Thickness	: 2.5 ~ 30 mm
Feed Speed	: 0 ~ 70 m/min
Diameter of Circular Saw	: Ø 300 mm x 2 sets
RPM of Circular Saw	: 6,670 RPM
Power Cross - Wise	: 21.87 kW (0.37 + 4 + 1 + (2 x 7.5) + 0.75 + 0.75)

Total Power : 45.59 kW



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MANUAL DOUBLE SIZER

Model : HJB 48

	LENGTH - WISE	WIDTH - WISE
Effective Cutting Width	915 ~ 1,250 mm	1,830 ~ 2,450 mm
Cutting Thickness	2.0 ~ 30 mm	2.0 ~ 30 mm
Diameter of Circular Saw	Ø 305 x 3.5 x Ø 60 Bore Ø 120 x 2.8 x Ø 20 Bore	Ø 305 x 3.5 x Ø 60 Bore Ø 120 x 2.8 x Ø 20 Bore
Revolution of Circular Saw	6,000 (RPM) 5,000 (RPM)	6,000 (RPM) 5,000 (RPM)
Power	(7.5 kW x 2) + (0.75 kW x 2) = 16.5 kW	(7.5 kW x 2) + (0.75 kW x 2) = 16.5 kW
Dimension	5,760 x 1,990 x 1,065 mm	3,360 x 3,210 x 1,065 mm

Overall Weight : Est. 3,000 kg

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SANDING

SANDER FINISHING, 03 HEADS, HEAVY DUTY

Model : S - 3T - 13 - HD
c/w Vacuum Suction System

Working Width	: 40 ~ 1,300 mm	Total Motor Power	: 106 kW
Working Thickness	: 2.5 ~ 110 mm	Sanding Heads Motor	: 37 kW, 30 kW, 30 kW
Working Length	: \geq 750 mm	Power (1st, 2nd, 3rd)	
1st Sanding Belt Speed / Head Type	: 20 m/sec / Rubber Drum, \varnothing 310 mm	Working Air Pressure	: 0.55 Mpa
2nd Sanding Belt Speed / Head Type	: 20 m/sec / Rubber Drum, \varnothing 310 mm	Consumption of Compress Air	: 0.1 m3/min
3rd Sanding Belt Speed / Head Type	: 18 m/sec / Rubber Drum, \varnothing 210 mm + Sanding Pad System	Volume of Sucked Air	: 18,000 m3/hr
Feed Speed	: 13 ~ 100 m/min	Speed of Sucked Air	: 25 ~ 30 m/sec
Size of Sanding Belt	: 1,330 x 2,615 mm	Overall Dimension	: 3,150 x 2,780 x 2,520 mm
		Net Weight	: About 11,000 kg





SANDING

CALIBRATING SANDER FOR CORE VENEER

Model : SV 13 A c/w Vacuum Suction System

Working Width	: 60 ~ 1,300 mm
Working Thickness	: 3.0 ~ 110 mm
Working Length	: ≥ 900 mm
One Steel Roller Diameter	: Ø 320 mm
Sand Belt Speed	: 20 m/sec
Feed Speed	: 10 ~ 60 m/min
Size of Sand Belt	: 1,330 x 2,615 mm
Main Motor Power	: 55 kW
Total Motor Power	: 64 kW
Working Air Pressure	: 0.55 Mpa
Consumption of Compressed Air	: 0.1 m ³ /min
Volume of Sucked Air	: 10,000 m ³ /h
Speed of Sucked Air	: 25 ~ 30 m/sec
Overall Size	: 2,200 x 2,980 x 2,440 mm
Net Weight	: 6,300 kg

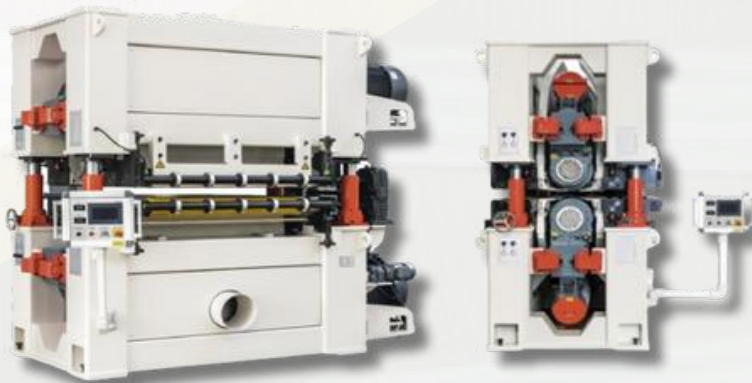


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CALIBRATING SANDER FOR PLYWOOD

Model : SR 13D - B - 400

Working Width	: 200 ~ 1,300 mm	Size of Sanding Belt	: 1,350 x 2,800 mm
Working Thickness	: 7 ~ 90 mm	Steel Contact Drum Diameter	: Ø 400 mm
Working Length	: ≥ 700 mm	Working Air Pressure	: 0.60 Mpa
Feeding Speed	: 6 ~ 30 m/min	Consumption of Compressed Air	: 0.15 m ³ / min
Main Motor Power (1st, 2nd)	: 75 kW x 2 = 150 kW	Dust Collection Volume	: 24,000 m ³ /h
Feeding Motor Power	: 11 kW	Dust Collection Speed	: 25 ~ 30 m/sec
Bed Lifting Motor Power	: 1.50 kW	Overall Dimension	: 2,200 x 3,360 x 2,900 mm
Total Motor Power	: 162.50 kW	Net Weight	: 14,000 kg
Sanding Belt Speed (1st, 2nd)	: 29 m/sec, 29 m/sec		





VENEER PATCHING & SEWING

VENEER PATCHING MACHINE

Model : AVP - 1535 - 1400 - Heavy Duty

Patching Size (Butterfly Shape) :	Small	Medium	Large
(Please choose one)	60 x 100	75 x 130	90 x 150
Mending Veneer Thickness :	1.50 ~ 3.50 mm		
Maximum Working Deep :	1,400 mm		
Mending Speed :	2 secs/patch		
Total Motor Power :	5.75 kW		
Compressed Air :	4 ~ 6 kg/cm ²		
Normal Oil Pressure :	16 Mpa		
Diameter of Cylinder :	Ø 63 mm x 02		
Overall Dimension :	2,750 x 1,250 x 1,850 mm		
Approx. Weight :	About 3,000 kg		



- PATCHING SIZE NOT INTER-CHANGEABLE
- FIXED TYPE TO EACH UNIT

VENEER SEWING MACHINE

Model : VSM 1350

Input Depth :	1,350 mm	Motor Power :	0.75 kW
Thickness of Veneer :	0.3 ~ 3 mm	Working Pressure :	0.2 ~ 0.6 Mpa
Join Speed :	10 ~ 50 m/min	Net Weight :	520 kg
Working Height :	900 mm	Dimension :	2,300 x 650 x 1,300 mm
Heater Power :	400 W		

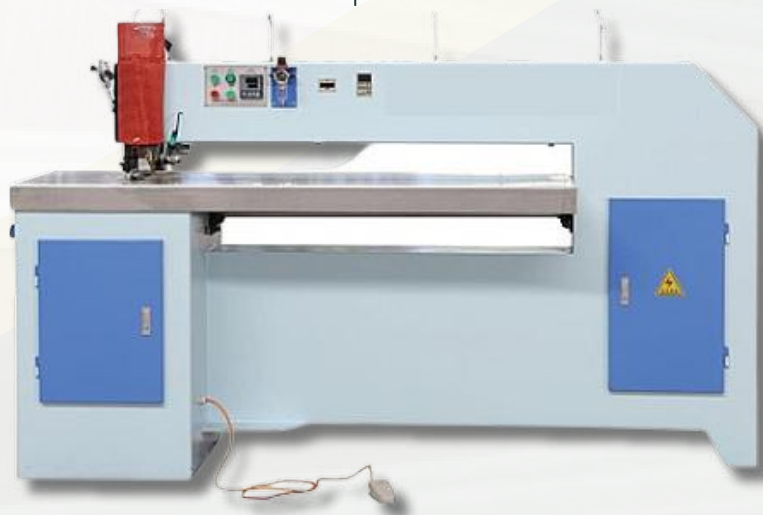




TABLE LIFTER

TABLE LIFTER CAPACITY 3 TON OR 5 TON

Model : TL - 3 / TL - 5



Specifications	TL - 3 (Capacity 3mT)	TL - 5 (Capacity 5mT)
Working Space	1,200 x 2,300 mm	1,200 x 2,300 mm
Loading Capacity	3,000 kg	5,000 kg
Lowest Height	360 mm	360 mm
Max Lifting Height	1,560 mm	1,560 mm
Total Power	2.2 kW	3 kW
Oil Cylinder	2 x Ø 100 mm	2 x Ø 100 mm
Gross Weight	950 kg (Including Hydraulic System)	1,100 kg (Including Hydraulic System)
Overall Dimension	2,300 x 1,200 x (360 ~ 1,360) mm	2300 x 1200 x (360 ~ 1,360) mm

TABLE LIFTER CAPACITY 5 TON

Model : TL - 5 (Extra Height + Platform)

Working Space	: 1,200 x 2,300 mm
Loading Capacity	: 5 Ton
Total Power	: 3 kW
Oil Tank	: 2 x Ø 100 mm
Lifting Height	: 580 ~ 2,780 mm
Gross Weight	: 1,200 kg (Excluding Hydraulic System)
Overall Dimension	: 2,300 x 1,200 x (580 ~ 2,780) mm





VENEER TENDERIZER & PACKING

DEFIBRERATOR

Working Veneer Length	: 968 ~ 1,270 mm
Working Veneer Thickness	: 1.50 ~ 2.2 or 2.4 ~ 3.5 mm
Feeding Speed	: 90 m/min
Induction Servo Motor	: 20 HP
Induction Servo Motor	: 10 HP
Voltage	: 380 V 50 Hz
Machine Dimension	: 1,200 x 2,000 x 1,300 mm
Weight	: 2,500 kg



VENEER PACKING PRESS C/W INFED & OUTFEED CONVEYORS

Model : VPP - B - 48



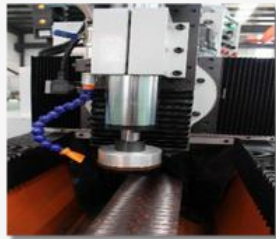
Nominal Pressure	: 25 Ton
Size of Platen	: 2,800 x 1,370 mm
Lateral Length of Feeding Conveyor	: 2,800 mm
Opening Limit	: 900 ~ 1,800 mm
Stroke of Cylinder	: 900 mm
Main Cylinder Diameter	: 2 x Ø 125 mm
Total Motor Power	: 5.50 kW + 3 kW = 8.5 kW
Normal Oil Pressure	: 10 Mpa
Overall Dimension	: 3,380 x 3,800 x 3,950 mm
Net Weight	: 6,200 kg



KNIFE GRINDER

9FT KNIFE GRINDER, 03 GRINDING HEADS

Model : KG - 3000 - 3 - WH



[Click here to see how this machine operates](#)

Working Table	: 3,000 x 200 mm
Movement Range of Working Table	: 0° ~ 90°
Sizes for Grinding Wheel	: Ø 255 x Ø 205 x 135 mm
Turning Angle for Grinding Wheel	: ± 8°
Main Grinding Head Motor Power	: 7.5 kW
Main Grinding Head Lifting Motor	: 0.75 kW
1st Honing Motor Power (Wheel Size)	: 2.2 kW (Ø 125 x Ø 100 x 30 mm)
2nd Honing Motor Power (Wheel Size)	: 2.2 kW (Ø 100 x Ø 75 x 30 mm)
Slide Board Motor Power	: 1.5 kW
Cooling Pump Motor Power	: 120 W (3 Phase)
Permanent Magnet Separator Power	: 75 W (3 Phase)
Electric Lubricating Oil Pump Power	: 20 W (220 V)
Total Motor Power	: 14.40 kW
Size of Grinder	: 7,400 x 1,960 x 1,900 mm
Weight	: 4,820 kg



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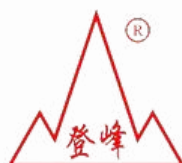
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