



VEERTEC

w w w . v e e r t e c . i n



SERVING PRODUCTIVITY
SOLUTIONS

VEERTEC



A B O U T U S

Veer Engineers is counted among the most reputed manufacturers of the wood and plywood working machinery. The entire gamut of machinery is widely demanded in the national as well as in the international market due to unmatched quality and unbeatable performance in respective applications. Moreover, our machines are widely being supplied to various leading industries, due to the accuracy and minimum time requirement at every application. We are also looking forward to the concrete and frequent feedbacks from the customers so as to bring in innovations in the machines and make them a perfect match to the international standard in every aspect.

After years of R & D and innovation, the company has developed Semi Auto Sanding Machine, Manual Sanding Machine, Digital Brush Roller Sanding Machine, Wide Belt Sander, Dipping Machine, Veneer Polishing Machine, Wood Drum Sander etc. are patented products and named top high-tech products of wood and plywood machinery industry in India. Veer Engineers has an excellent marketing and after-sales service team. Veer Engineers service commitment: equipment to plant, service to heart. We always takes technology innovation as the guidance, takes the excellent quality as the guarantee, takes the perfect service as the commitment, has won the customer praise from national and international; attracts the attention of domestic and international woodworking machinery industry eyes with wise heroic and profound strength.



V I S I O N

To strive towards becoming one of the key players in the sector of Wood and Plywood working Engineering.

M I S S I O N

Providing a value for money product that can create a benchmark in the field of Wood working machinery, for the local, national and global market. Manufacture quality products that can live up to customer's expectations.

Q U A L I T Y

Veer Engineers committed to enhance customer satisfaction by innovative design, consistent product quality, and on-time delivery through continually improving on all our processes, systems, resources and technology.

Innovative Sanding Technologies
Highest Production Quality, Amazing Sanding Results!!

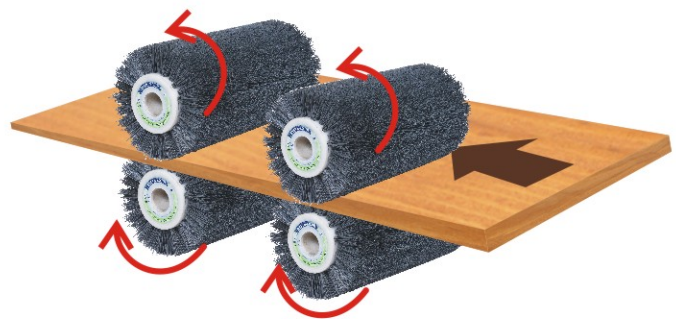
Note : Technical specifications may be changed without any prior notice. Product images are just for the reference.

DIGITAL BRUSH ROLLER SANDING MACHINE

Digital Brush Roller Sanding Machine is specially developed for uniform and precise sanding operation on ply board and laminated sheet. With new brushing concept it will provide consistent grain and roughness as desire against belt process. The brush required less brushing time and work long lasting. Save belt replacements time, increase efficiency in sanding operation and maximize production.



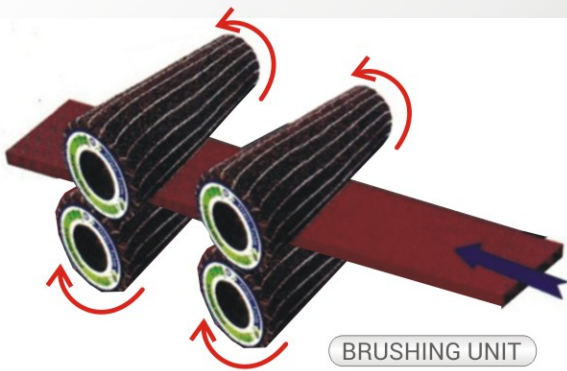
Technology	Abrasive Brush/roller Process
Surfacing	Consistent Uniform Surface
Quality	Finishing due to self dressing
Labors	User friendly can be operate by unskill labor
Life	Longer brush life
Consumable Cost	Very economical due to longer life
Productivity	Increasing the productivity
Maintenance Cost	Maintenance free process



MODEL	RXF 200	RXF 400	RXF 600
Brushing roller	2 Head	4Head	4Head roller + 2 Cleaning brush
Brushing roller size	210 mm OD X 1270 mm length	210 mm OD X 1270 mm length	210 mm OD X 1270 mm length
Sanding position	Only top side	Top & Bottom side	Top & Bottom side
Max. sanding speed	3 Ply sheet / Minute	3 Ply sheet / Minute	3 Ply sheet / Minute
Sheet thickness for sanding	Min. 4 mm to Max. 52 mm	Min. 4 mm to Max. 52 mm	Min. 4 mm to Max. 52 mm
Vacuum blower	2 Panel	4 Panel	4 Panel
Power consumption	11Hp (without blower)	21Hp (without blower)	21Hp (without blower)
Digital thickness meter	Yes (Optional)	Yes (Optional)	Yes

DIGITAL BRUSH ROLLER STEEL WOOL MACHINE

Digital roller steel wool machine is specially developed for uniform and precise steel wool operation on plywood sheet with new concept. It will able to finish a steel wool work in short time with high productivity result in minimum time period. Special skill operator requirement is negative. Easy to operate and also in maintenance.



Technology	Abrasive Brush/roller Process
Surfacing	Consistent Uniform Surface
Quality	Finishing due to self dressing
Labors	User friendly can be operate by unskill labor
Life	Longer brush life
Consumable Cost	Very economical due to longer life
Productivity	Increasing the productivity
Maintenance Cost	Maintenance free process

MODEL	RXF 200	RXF 400	RXF 600
Brushing roller	2 Head	4Head	4Head roller + 2 Cleaning brush
Brushing roller size	210 mm OD X 1270 mm length	210 mm OD X 1270 mm length	210 mm OD X 1270 mm length
Steel wool position	Only top side	Top & Bottom side	Top & Bottom side
Max. steel wool speed	3 Ply sheet / Minute	3 Ply sheet / Minute	3 Ply sheet / Minute
Sheet thickness for steel wool	Min. 4 mm to Max. 52 mm	Min. 4 mm to Max. 52 mm	Min. 4 mm to Max. 52 mm
Vacuum blower	2 Panel	4 Panel	4 Panel
Power consumption	11Hp (without blower)	21Hp (without blower)	21Hp (without blower)
Digital thickness meter	Yes (Optional)	Yes (Optional)	Yes

WIDE BELT SANDER



MODEL	RP RXF 100	RP RXF 200
Machine Name	1 Head Wide Belt Sander	2 Head Wide Belt Sander
Max. Working Width	40-1300 mm	40-1300 mm
Working Thickness	2.5-80 mm	2.5-80 mm
Working Length	>580 mm	>580 mm
Speed of Feeding	6-45 M/Min	6-45 M/Min
Revolving Speed of 1st Sanding Belt	18 M/S	18 M/S
Revolving Speed of 2nd Sanding Belt	-	14 M/S
Size of Sanding 1st Belt (WxC)	1330 x 2200 mm	1330 x 2200 mm
Size of Sanding 2nd Belt (WxC)	-	1330 x 2200 mm
Roller Diameter	210 mm	210 mm
Motor Power of 1st Sanding Unit	22 kw	22 kw
Motor Power of 2nd Sanding Unit	-	15 kw
Motor Power of Feeding	4 kw	4 kw
Motor Power of Thickness Adjustment	0.55 kw	0.55 kw
Motor Power of Brush Roller	-	0.37 kw
Motor Power of Vacuum Table	-	3 kw
Total Motor Power	26.55 kw	44.92 kw
Power Supply Requirement	415 V/AC, 50HZ, 3 Phase	415 V/AC, 50HZ, 3 Phase
Compressed Air Pressure	0.55 MPA	0.55 MPA
Compressed Air Consumption	0.43 M ³ /Min	0.76 M ³ /Min
Dust Extraction Requirement	4200 M ³ /H	8000 M ³ /H
Min. Sucked Air Velocity	25-30 M/S	25-30 M/S
Dia. of Dust Hood Outlet for Sanding Unit	200 mm x 1 PCS	200 mm x 2 PCS
Dis. of Dust Hood Outlet for Brush Roller	-	1500 mm x 2 PCS
Machine Overall Size (L x W x H)	1580 x 1960 x 2160 mm	1950 x 2530 x 1970 mm
Machine Weight	~ 2200 KG	~ 2750 KG

- Heavy Duty Construction
- User Friendly
- Electrical Control
Panel Fully Automatic
- Cost Effective
- Stable Performance &
High Production Efficiency
- Hi-tech Machinery &
Speed Technology
- Vibration Free Construction
- Blower to Remove Dust
- Brusher (Optional)

PLANO SANDER MACHINE

This is a plano sanding machine which is suitable for hard wood door and hard wood plate for using uniform thickness and clear surface. also using for making equivalent surface on above applications.



We have attach two roller head for plano milling and sanding operation.

- 1) Tips saw rotor
 - 2) Fine grid paper drum (grid paper is changeable as per requirement)
- There is first roller with fitted with high speed rpm with tips saw rotor for plano milling and after that attach a drum for wrapping a suitable grid paper for polishing after plano milling.

BELOW DETAILS ARE AS PER MODEL 52 INCH WORKING WIDTH.

MODEL	RXF 200
Working width	52 Inch
Working thickness	4 to 70 mm
Working length	Min. 1.5 Ft,
Power consumption	24 HP without blower
Dust collector	5 HP
Conveyor belt thickness	5 mm

- Also available in 9,13,18,,24,36,42,52,60 inch.
- Also available in more than 70mm. thickness.

MANUAL BRUSH ROLLER SANDING MACHINE - SEMI AUTO



SEMI AUTO SANDING MACHINE

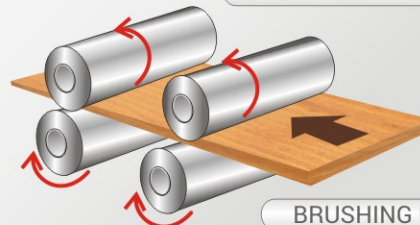
THICKNESS BY SEMI AUTO



MANUAL SANDING MACHINE

THICKNESS BY MANUAL SYSTEM

MODEL	RXF 200	RXF 400
Brushing Roller	2 Head (Roller)	4 Head (Roller)
Brushing Roller Size	210 mm OD x 1320 mm Length	210 mm OD x 1320 mm Length
Sanding	Only top side	Top and Bottom side
Max. Sanding Speed	3 Ply sheet/min.	3 Ply sheet/min.
Sanding Sheet Thickness	Min. 4 mm to max 52 mm	Min. 4 mm to max 52 mm
Vaccum Blower	2 Penal	4 Penal
Power	7 Hp (Without blower)	17 Hp (Without blower)
Digital Count Meter	Yes (Optional)	Yes (Optional)



BRUSHING UNIT

Semi Auto Sanding Machine is specially developed for uniform sanding operation on ply board and laminated sheet. With new brushing concept it will provide consistent grain and roughness as desire against belt process. The brush required less brushing time and work long lasting. Save belt replacements time and increase efficiency in sanding operation.

DIPPING MACHINE

- Heavy duty MS fabricated frame & Body
- Easy to operate & user friendly
- Smoothly Running
- Much Chemical Saving
- Low Maintenance
- Reducing Labour Cost
- Not required skill labour
- Roller slide make part to part so easy repairable

(Automatic Machine Also Available)



MODEL	MANUAL DIPPING MACHINE	FULLY AUTO DIPPING MACHINE
No. of roller	12 Nos.	12 Nos.
Roller diameter	160 mm with neoprene rubber coating	160 mm with neoprene rubber coating
Pump	Branded 1 Hp centrifugal pump for lifting a chemical from tank to roller	Branded 1 Hp centrifugal pump for lifting a chemical from tank to roller
Con. drive gearbox	2 HP, 50 RPM	2 HP, 50 RPM
Sheet thickness adjustment	By manual	By Aromatic directly form main control panel
Total power requirement	3 HP	4 HP
Chemical tank	Heavy duty MS or SS sheet or Plastic (optional)	Heavy duty MS or SS sheet or Plastic (optional)
Chemical heating system	Electric heater or oil coil (optional) for heating chemical	Electric heater or oil coil (optional) for heating chemical
Electrical Heater Power	10 HP (Two Pieces)	10 HP (Two Pieces)

WOOD DRUM SANDER

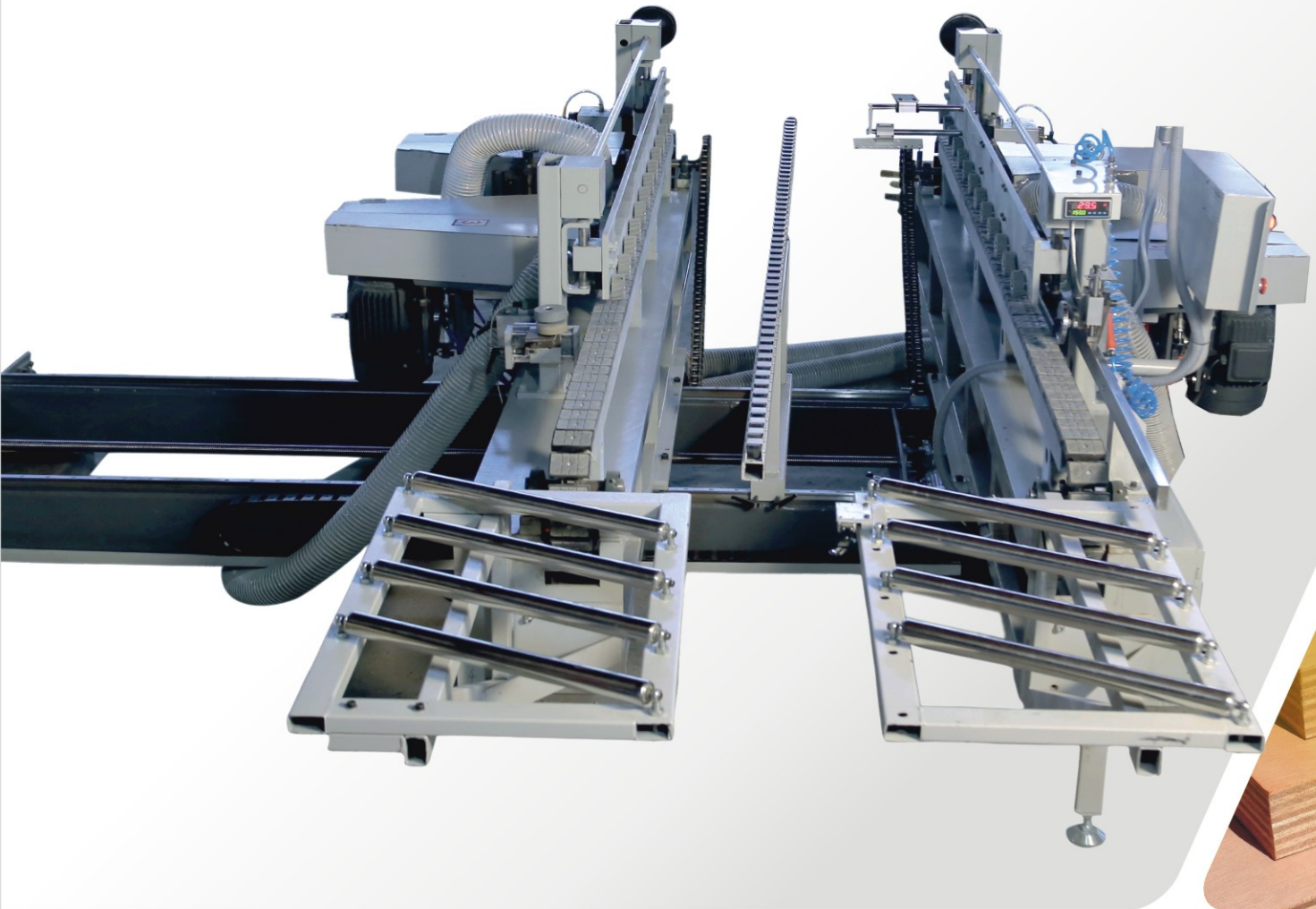
Perfect for the small shop or woodworking enthusiast, the Drum Sander reduces the tedium of hand sanding, speeds up the sanding process, and produces more consistent results! Drum Sander comes standard on the two body open stand and heavy duty casting metal close body. The drum is pre-wrapped with 80 grit sandpaper. Additional accessories and sandpaper are available for purchase. Full machine features and specs can be found below.



TECHNICAL SPECIFICATIONS

Upto Length	1.5 to 8 Ft.
Max. Thickness	100 MM
Min. Thickness	4 MM
Dimensions	43L x 45W x 35H (24" Model)
Drum	OD 180mm (7 Inch) Extruded Metal
Drum Speed	2400 RPM
Conveyor Motor	0-20 RPM
Drive Motor	3/5 HP 960 RPM
Power Req.	3/5 HP
Width Size	9/13/18/24/48 Inch also available in one head & two head

PLYWOOD SIDE EDGE SANDING MACHINE



Functions :

- Belt sanding process.
- 4 Head belt machine.
- Fully automatic PLC control machine.
- Side edge sanding machine pad pressure with pneumatic pressure control.
- Plywood sheet drive with chain drive conveyer system.
- Extra additional function also setting in machine. (Side Dipping & Water Coating)
- Top side roller printing three line.

Features :

- This speed is 50%. Can be increased more.
 - Finishing can be increased/decreased as per requirement by various methods such as speed, belt grit, pressure of pad.
 - Edges are exactly 90 degrees, no rounding of edges.
 - Full PLC control.
 - Distance / size adjustment is automatic and with display on PLC.
 - Side colouring of water can be switched off and on as per requirement.
- 'IMPORTANT' the sanding belts, automatically move 25mm up and down in specified timings, so that maximum area of the sanding belts can be utilised to the maximum.

MODEL	ES 1000
Max. working width	500 - 2500 mm
Working thickness	4 - 50 mm
Sanding belt speed	12 m/s
Max. processing length	Unlimited
Sanding belt size	80 x 1650 mm (4 Nos.)
Conveyor speed	6 - 48 meters / min
Main power	2.2 kw (4 Nos.)
Conveyor power	2.2 kw
Printing roller attachment	2 sets for 1 side
Dust collector	5.5 kw
Working pressure	0.6 MPA
Consumption of compressor air	1.45m ³ /Hr.
Collected air dust	45-60 m/s
Overall dimension	2800x3500x1500 mm
Net weight	2100 Kgs(without dust collector)

VENEER POLISHING MACHINE

This machine is specially develop for convert natural veneer to decorative veneer. This machine's suitable application is that on the veneer

• Open Grains • Mile Sanding • Colour Dual tone • High Gloss (Buffing)

We are only one the company to making customize machine for these all four applications in single machine

you need to any type of production from these all four type decorative than you have to choose a special customize individual machine.



ABRASIVE BRUSH ROLLER



STEEL WIRE BRUSH ROLLER

MODEL	RXF 100	RXF 200	RXF 300
Brushing roller	1 Head	2 Head	2 Head (Roller) and 1 Head wire brush roller
Brushing roller size	210 mm OD X 1270 mm length	210 mm OD X 1270 mm length	210 mm OD X 1270 mm length
Steel brush roller size for open grains	180 mm OD X 1270 mm length	180 mm OD X 1270 mm length	180 mm OD X 1270 mm length
Dual tone colour venee polish	Yes (Optional)	Yes (Optional)	Yes
Oepn grains veneer polish	Yes (Optional)	Yes (Optional)	Yes
Drive type	Belt con. drive	Belt con. drive	Belt con. drive
Conveyor size	1255 X 2055 X 5 mm Ruff top PU conveyor belt	1255 X 3055 X 5 mm Ruff top PU conveyor belt	1255 X 4055 X 5 mm Ruff top PU conveyor belt
Veneer sheet thickness	Min. 3 mm to Max. 4.5 mm	Min. 3 mm to Max. 4.5 mm	Min. 3 mm to Max. 4.5 mm
Veneer sheet thickness variable	Optional up to 52 mm	Optional up to 52 mm	Optional up to 52 mm
Thickness digital meter	Optional	Optional	Optional
Power	12 HP (without blower)	18 HP (without blower)	29 HP (without blower)
Dust collector	3 HP	7.5 HP	10 HP
Con bed up/down	Fix/auto (Optional)	Fix/auto (Optional)	Fix/auto (Optional)
Brush head adjustment	Yes	Yes	Yes
Conveyor belt speed	50 RPM with VFD control	50 RPM with VFD control	50 RPM with VFD control
No. of pitch roller	4 Nos.	7 Nos.	8 Nos.

BELT SANDER (HEAVY DUTY)



TECHNICAL SPECIFICATIONS

Sanding Area	2440 x 1220 mm
Power	5 HP (RPM 1440)
Belt Size	150 x 7500 mm

GLUE MIXER



TECHNICAL SPECIFICATIONS

Capacity	150 Ltr/200 Ltr/250 Ltr
Power	2 HP or 3 HP
V Belt Drive	
M.S. Steel Tank, Horizontal Type	

GLUE SPREADER



TECHNICAL SPECIFICATIONS

Size in Width	36" / 48" / 54" / 56"
Power	2 or 3 HP
Four Rollers, Chin Drive Machine	
Rubberized Roller with Threading and 2 M.S. had chrome rollers	

SCISSOR LIFT

Scissor lift use in plywood industries for material load and unload in press debarment.

- Size 8 ft x 4 ft x 1700 mm height (Single scissor)
- Size 8 ft x 4 ft x 2000 mm height (Double scissor)



PALLET CART

HIGH VACUUM DUST COLLECTOR



TECHNICAL SPECIFICATIONS

Available Motor Power	1 HP, 2HP, 3HP, 5HP, 7.5 HP, 10HP
Available	Single Bag / Double Bag

WOOD WORKING BRUSH

Veertec make specially customize brushes for different type of application in wood and plywood surface sanding and polishing. We are not making only brush but we are serving productivity solutions in less time period. We have large range for various type of Brushes for wood applications.

PLYWOOD SANDING AND STEEL WOOL APPLICATION

FLUSH DOOR / PLYWOOD / BLOCK BOARD



HARDWOOD POLISHING AND SANDING

MOULDING WOOD STRIP / CARVING DOOR / FLAT SURFACE DOOR & BOARD



MANUAL BRUSHING AND POLISHING ON WOOD SURFACE





MFG. OF WOOD AND PLYWOOD WORKING MACHINERY

VEER ENGINEERS : Plot No : 239, Opp. Apex Oil Mill, Phase-I,
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