



KUMAR
ENGINEERING INDIA PVT. LTD.
AN ISO 9001 : 2015 CERTIFIED COMPANY

**“EXTRA ORDINARY
EXPECTATIONS MET WITH
ABSOLUTE SATISFACTION”**

CE



- » First to Introduce Sanding Machines in India.
- » Best Technology at Affordable Price.
- » Persistent Efforts on Balancing Between Production Cost, Speed & Quality.
- » Always Enthusiastic to Deliver Best Product & Services.
- » Greatly Honoured by 800+ Prestigious Plywood Brands.
- » One Amongst the Proud Indian Companies Incorporating Global Technology.
- » Imbibing the True Spirit of “MAKE IN INDIA” Initiative.

www.kumarengineeringco.in



PROFILE

Kumar Engineering Co., an ISO 9001:2015 certified organization, has a culture of embracing technical challenges. It keeps upgrading with new innovations and makes all efforts to be on par with World Class Design Skills.

With all our earned knowledge and experience, We have developed many complicated Machines entirely "Made in India" and have been honoured with prestigious appreciation in all around Indian Plywood and Laminate Industries.

We have introduced high-tech Sanding Machines first time in India, with all similar challenging features as in World's Leading European Brands.

OUR MACHINES HAVE SHOWN FOLLOWING VERSATILE QUALITIES

- The Best Result Oriented
- Highest Production Performance
- Highly Economical
- Energy Efficient
- User Friendly
- Negligible Maintenance Cost
- Lowest Running Cost
- Environment Friendly
- True Value For Money

A PARTNER OF CHOICE



Customized engineering solutions



Products developed on latest technology



Quick and efficient customised design



Certified By 800+ Esteemed Clients
All Over The Nation & Neighboring Countries



Extensive research before product development



Production speed, resulting in shorter lead time and fast delivery of project



Effective and prompt after sales support

TECHNICAL & SERVICE SUPPORT



Our dedicated service & support team is committed to deliver timely response & solutions to the queries raised.

Please call us at 88262 98005

The designs of the machines are such that there is an easy accessibility to different maintenance zones, which eventually brings down the maintenance time. Every Component developed with well thought engineering, highest safety factor and longest performing characteristic.

We do our work systematically, passionately and agilely. The Customer Satisfaction is our utmost priority, and we always strive to bring out the best technical solutions for following machines of Plywood and Laminate Industries

- Wide Belt Sanding Machines For Plywood / Veneer
- Wide Belt Sanding Machines For Doors
- Sanding Machines With Cross Belt For Furnitures
- Profile Sanding Machine for Doors & Furnitures
- Calibrating Machines For Plywood
- Automatic DD Saw For Plywood
- High Pressure Laminate Sanding Machines
- Pneumatic Glue Spreader 8' and 4'
- Auto Loading & Auto Stacking System
- **Core Composing Machines**
- **MDF 3 Stage Calibrating and Sanding Line.**

And soon adding many new Machines for manpower reductions.

We see India as a potential, fast-growing market for the Plywood Industry and it needs to be incorporated with latest Machines to keep high quality in low cost. We present our participation to create a technical partner gesture.

The economical solutions under the leadership of our Company Founder, is providing a catalyst to the Domestic as well as International market and we strongly believe to be a pride pioneer in this field.



95,000

Sq. Ft.
Shop Floor Area

1000+

Machines &
Equipments
Installed

800+

Happy
Customers

150+

Dedicated
Team



MISSION

- Finding technological, automated, environment-friendly and smart solution for the needs of Plywood, Laminate, MDF and Particle Board Sector.
- Branding a Great Satisfaction Level in the Customers through after-sales services



VISION

- Building a diversified business portfolio in different industrial sectors .
- Creating a strong and long-term relationship with our associates.
- Maintaining a constant and sustained growth.
- Striving towards quality improvement and innovation in our daily work.
- Meticulously fulfill our Corporate Social Responsibilities (CSR).

DOUBLE HEAD WIDE BELT SANDING MACHINE - TOP

MODEL : ZEDSAN 4126 DS

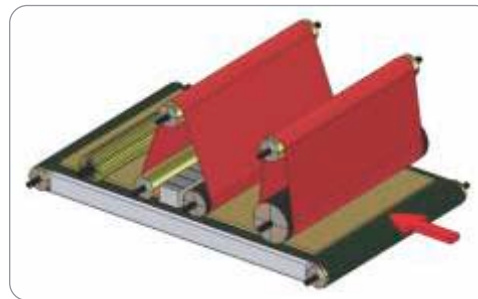
This Model is the best Sanding Machine for Commercial and Decorative Plywood Industry, as excellent sanding results are achieved with Servo Controlled Floating Roller Technology .

Specific features of this machine are -

- » Perfect Sanding on Uneven Thickness
- » Highly Glossy Sanding Results
- » Fast production
- » Changeable Results by easy configurations setting.

It is useful for -

- A. Commercial Sanding
- B. Veneer Sanding
- C. MR Sanding
- D. Flush Doors



SPECIFICATIONS

Working Thickness	Working Width	No. of Heads	Heads Configuration	Top - Head 1	Top - Head 2	Sanding Belt Size	Feeding Speed	Feed Motor	Brush Motor	Vertical Motion Motor	Total Power	Weight	Dimensions (W X L X H)
2-100 mm	200-1250 mm	Two	R-R/P	Sanding with Rubber Roller - 25 HP (18.64 KW)	Polishing with Sanding Pad - 20 HP (15 KW)	2620 x 1330 mm	5-40 mpm	5 HP (3.7 KW)	1 HP (0.75 KW)	0.5 HP (0.37 KW)	51.5 HP (38.4 KW)	3950 Kg	2240 x 2500 x 2300 mm

DOUBLE HEAD WIDE BELT SANDING MACHINE - BOTTOM

MODEL : ZEDSAN 4126 BS

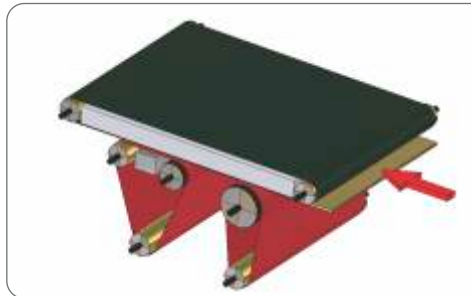
Bottom Sanding Machine was introduced to cover higher-production with hassle free movement. This machine eliminated all troubles and wastage during filting and bring back for reverse sanding

This Machine has following features -

- » Used in synchronization with Top Sanding Machine
- » Perfect Sanding Results on Uneven Thickness
- » Highly Glossy Sanding Results, as in Top Sanding Machine
- » Fast production, as Both Side Sanding is achieved in one pass
- » Changeable Results, by easy configuration settings.

Very useful for -

- A. Along the Top Sanding Machine to meet high production
- B. Commercial Sanding
- C. Veneer Sanding
- D. MR Sanding
- E. Veneer Faced Flush Doors



SPECIFICATIONS

Working Thickness	Working Width	No. Of Heads	Heads Configuration	Bottom - Head 1	Bottom - Head 2	Sanding Belt Size	Feeding Speed	Feed Motor	Vacuum Blower Motor	Vertical Motion Motor	Total Power	Weight	Dimensions (W X L X H)
2-100 mm	200-1250 mm	Two	R-R/P	Sanding with Rubber Roller - 25 HP (18.64 KW)	Polishing with Sanding Pad - 20 HP (15 KW)	2620 x 1350 mm	5-40 mpm	5 HP (3.7 KW)	5 HP (3.7 KW)	2 HP (1.5 KW)	57 HP (42.5 KW)	4200 Kg	2250 x 2100 x 2600 mm

HEAVY DUTY BOTH SIDE SANDING MACHINE

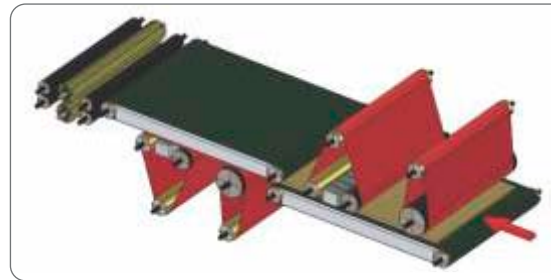
MODEL : ZEDSAN 3426 TBS

The combination of Top Sanding and Bottom Sanding in one machine was a very big challenge, as there was a need of creating same high sanding results with user-friendly and easy maintenance specialty. After a rigorous R&D, our team finally achieved the success.

Controlled by one operator, this machine provides very high class high sanding results on both side with a high output rate of 10 to 14 sheets per minute. Adding Auto Loading & Stacking System saves huge labour cost.

This machine is useful for -

- » Every plywood industry with 2 or more Hot Presses
- » High shine on both sides
- » All sizes of commercial plywood
- » All Veneer/Decorative Sanding
- » MR Sanding



SPECIFICATIONS

Working Thickness	Working Width	No. of Heads	Heads Configuration	Top & Bottom - Head 1	Top & Bottom - Head 2	Sanding Belt Size	Feeding Speed	Feed Motor	Vacuum Blower Motor	Vertical Motion Motor	Total Power	Weight	Dimensions (W X L X H)
2-200 mm	200-1250 mm	Four	R-R/P : R-R/P	Sanding with Rubber Roller - 25 HP (18.64 KW) x 2 No	Polishing with Sanding Pad - 20 HP (15 KW) x 2 No.	2620 x 1330 mm	5-40 mpm	3 HP (2.2 KW) x 2 No.	5 HP (3.7 KW)	3 HP (2.2 KW)	104 HP (77.5 KW)	1200 Kg	3350 x 2250 x 2700 mm

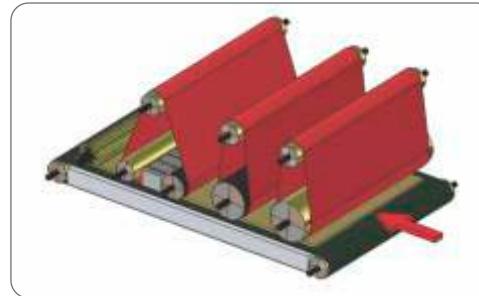
TRIPLE HEAD CALIBRATING AND SANDING MACHINE

MODEL : ZEDSAN 5326 TCS

Triple Head Sanding Machine is developed by combining the application of Calibration and Sanding in a single machine, especially for those Plywood Units which have 2 to 4 Presses, and have plan to make 100% calibrated ply or have the plan for partial production of Calibrated Ply.

Three Heads of this machine are designed in such a way that the first head is used for Calibration, second head for Sanding and third head for Polishing. While Calibration, 1st Head is operational, and while Sanding, the second and third head is operational.

This machine is a complete solution for making Calibrated Ply with ultimate sanding results.



SPECIFICATIONS

Working Thickness	Working Width	No. of Heads	Heads Configuration	Top - Head 1	Top - Head 2	Top - Head 3	Sanding Belt Size	Feeding Speed	Feed Motor	Brush Motor	Vertical Motion Motor	Total Power	Weight	Dimensions (W X L X H)
2-100 mm	200-1250 mm	Three	R-R-R/P	Calibration with Steel Roller - 40 HP (30 KW)	Sanding with Rubber Roller - 25 HP (18.64 KW)	Polishing with Sanding Pad - 20 HP (15 KW)	2620 x 1330 mm	5-40 mpm	5 HP (3.7 KW)	1 HP (0.75KW)	1 HP (0.75 KW)	92 HP (68.6 KW)	5700 Kg	2240 x 3100 x 2300 mm

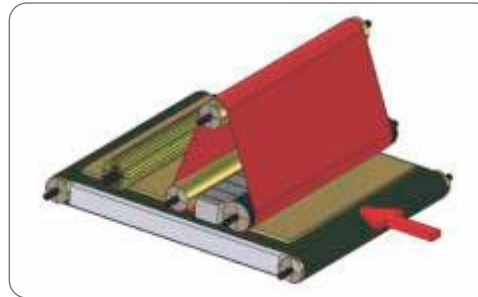
SINGLE COMBI HEAD SANDING MACHINE

MODEL : ZEDSAN 3426 CS

This Model is specially designed for Veneer Faced Flush Door Units and small Plywood Units. Combination of Roller and Pad makes this machine very useful, while keeping the machine as well as operational cost low.

This Machine provide different sanding results by different settings -

- » Sanding by only Rollers
- » Sanding by only Air Cushioned Pad
- » Sanding by both



SPECIFICATIONS

Working Thickness	Working Width	No. of Heads	Heads Configuration	TOP - Head 1	Sanding Belt Size	Feeding Speed	Feed Motor	Brush Motor	Vertical Motion Motor	Total Power	Weight	Dimensions (W X L X H)
2-100 mm	200-1250 mm	One	R/P	Sanding + Polishing with Sanding Pad - 25 HP (18.64 KW)	2620 x 1330 mm	5-40 mpm	3 HP (2.2 KW)	1 HP (0.75 KW)	0.5 HP (0.37 KW)	29.5 HP (22 KW)	2800 Kg	2240 x 2150 x 2200 mm

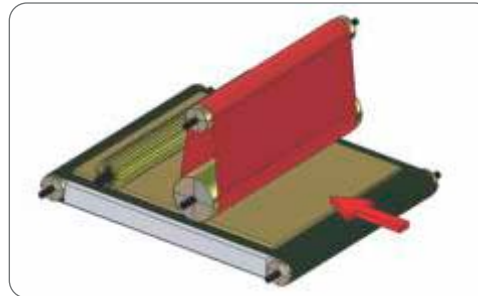
SINGLE HEAD CALIBRATING MACHINE

MODEL : ZEDSAN CAL 290

Single Head Calibrating Machine is developed to produce the uniform thickness ply, with possibly the lowest thickness variation in between 0.05 to 0.15 mm.

We, as an innovating company in this field, created an ultimate design in Calibrating Machine with combinations of unique features, such as -

- » Highly Accurate Calibration
- » Good Speed of Production
- » Lowest Electricity Consumption
- » High No. of Sheet Output per Sanding Belt
- » User Friendly in Maintenance
- » Smooth Production



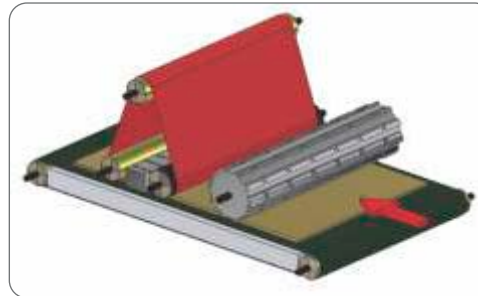
SPECIFICATIONS

Working Thickness	Working Width	No. of Heads	Heads Configuration	Top - Head 1	Sanding Belt Size	Feeding Speed	Feed Motor	Brush Motor	Vertical Motion Motor	Total Power	Weight	Dimensions (W X L X H)
2-100 mm	200-1250 mm	One	R	Calibration with Steel Roller - 50 HP (37 KW)	2620 x 1330 mm	5-30 mpm	5 HP (3.7 KW)	1 HP (0.75 KW)	0.5 HP (0.37 KW)	56.5 HP (42 KW)	3500 Kg	2240 X 2150 X 2300 mm

MODEL : ZEDWOOD 1050 CS

This Machine is introduced for solid wood furniture producing Industries. The Machine provides uniform wood thickness and high shining in one pass.

The Cutter Roller brings all thickness variations in one set value by applying minimum quantum of power. Sanding Belt application on second head converts the job into fine, smooth look.



SPECIFICATIONS

Working Thickness	Working Width	No. of Heads	Heads Configuration	Top - Head 1	Top - Head 2	Sanding Belt Size	Feeding Speed	Feed Motor	Vertical Motion Motor	Total Power	Weight	Dimensions (W X L X H)
4-125 mm	150-1000 mm	Two	Cutter - R/P	Cutting with Cutter Roller - 15 HP (11 KW)	Sanding + Polishing with Sanding Pad - 15 HP (11 KW)	2620 x 1330 mm	5-40 mpm	3 HP (2.2 KW)	0.5 HP (0.37 KW)	33.5 HP (25 KW)	3400 Kg	1840 x 1850 x 1850 mm

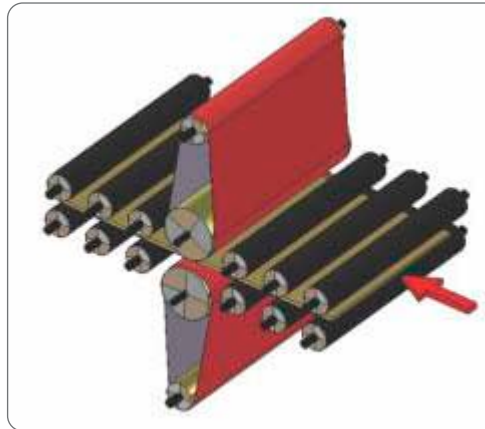
HEAVY DUTY BOTH SIDE CALIBRATING MACHINE

MODEL : ZED-HDC-350

The Calibrator for high accuracy with high speed needs an extra heavy structure and an excellent engineering Design. The precision in calibration becomes much complicated while doing both side in one go with the thickness variation between 0.05 to 0.15 mm.

A challenge-accepting culture has taken us to another prestigious status of introducing the First- In-India of such versatile and highly precise Calibrating Machine.

This Calibrator is a must need for producing the best quality to become listed amongst Esteemed Calibrated Plywood Manufacturing Companies.



SPECIFICATIONS

Working Thickness	Working Width	No. of Heads	Heads Configuration	Top & Bottom - Head 1	Sanding Belt Size	Feeding Speed	Feed Motor	Vertical Motion Motor	Brush Motor	Total Power	Weight	Dimensions (W X L X H)
4-100 mm	200-1250 mm	Two	R : R	Calibration with Steel Roller - 60 HP (45 KW) x 2 No.	2620 x 1350 mm	5-30 mpm	5 HP (3.7 KW) x 2 Nos.	3 HP (2.2 KW)	2 HP (0.75 KW) x 2 Nos.	137 HP (102.5 KW)	11500 Kg	2440 x 1500 x 2850 mm

HEAVY DUTY BOTH SIDE CALIBRATING & SANDING MACHINE

MODEL : ZED-HDCS - 350/275

This Machine is developed by adding additional Sanding feature in existing Model of Calibrating Machine as there was long time awaited such dual-purpose Machine.

As already being used by several Plywood Industries, this model is perfectly observed for future compliance and revolutionized Plywood Manufacturing Process by eliminating the need of Face Veneer on Calibrated Mat Ply thus saving enormous amount of Time, Energy & Cost.

This is designed with selectable feature for -

- *Calibration
- *Sanding
- *Calibration With Sanding.

This Machine is also featured with Human-less operation by adding Auto Loading System and Auto Stacking System.



SPECIFICATIONS

Working Thickness	Working Width	No. of Heads	Heads Configuration	Top & Bottom - Head 1	Top & Bottom - Head 2	Sanding Belt Size	Feeding Speed	Conveyor Motor	Vertical Motion Motor	Brush Motor	Total Power	Weight	Dimensions (W X L X H)
4-100 mm	200-1250 mm	Four	R : R / R : R	Calibration with Steel Roller - 60 HP (45 KW) x 2 No.	Sanding with Rubber Roller - 25 HP (18.5 KW) x 2 No.	2620 x 1350 mm	5-30 mpm	5 HP (3.7 KW) x 2 Nos.	3 HP (2.2 KW)	2 HP (0.75 KW) x 2 Nos.	187 HP (140 KW)	14000 Kg	2440 x 1500 x 2850 mm

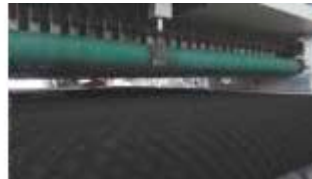
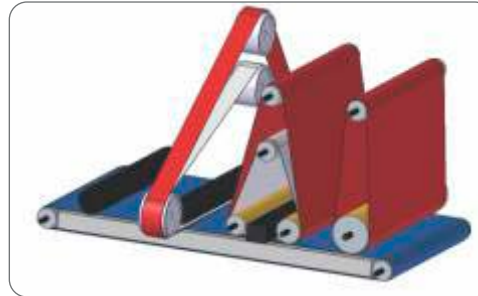
MODEL : ZED SAN 5326 TCS - CB

We developed the Sanding Machine with Cross Belt for Furniture industry where across the grain Sanding is essential along with longitudinal Wide Belts Heads for Pre Seal Sanding, Post Seal Sanding.

Ultra-fine Sanding with extra high Grit Sanding Belt run with Chevron Belt underneath and controlled by Electronic Segmented Pad.

This Machine is also usable for long Panels where narrow direction grains need perfect Sanding and also widely used for Veneer Tape removal application.

In general the Cross Belt Mechanism is designed to fix at out feed of the Machine to ensure final finishing touch on the scratches created by other Sanding Belts.



SPECIFICATIONS

Working Thickness	Working Width	No. of Heads	Heads Configuration	Head 1	Head 2	Head 3	Sanding Belt Size	Feeding Speed	Feed Motor	Brush Motor	Vertical Motion Motor	Total Power	Weight	Dimensions (W X L X H)
2-100 mm	100-1250 mm	Three	R + RP + CB	Sanding with Rubber Roller - 25 HP (80.5 KW)	Sanding with Rubber Roller & Segment Pad 20HP (18.64 KW)	Polishing with Sanding Pad - 20 HP (15 KW)	2620 x 1330 mm & 6300 x 175 mm	5-40 mpm	5 HP (3.7 KW)	1 HP (0.75KW)	1 HP (0.75 KW)	72 HP (52 KW)	5700 Kg	2440 x 3100 x 2300 mm

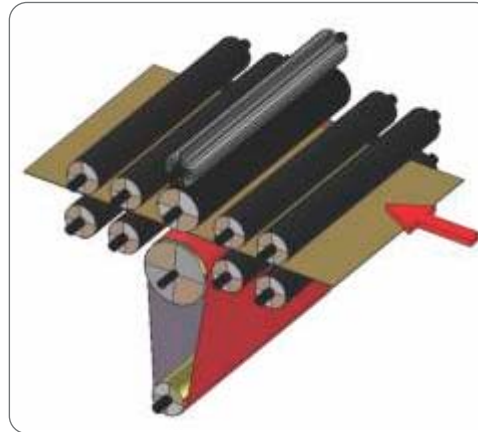
HEAVY DUTY LAMINATE SANDING MACHINE

MODEL : ZEDLAM 350 HD

High Pressure Laminate Sanding Machine developed keeping in view the need of specific Sanding results of Cleared, Rough Surface with minimum Stock Removal.

The challenge applies to maintain Speed Production, Highest Level of Accuracy, Perfection in continuous Operation. We brought all such Challenges met with our experience, Latest Technology, Perfect Workmanship and using the best available Brands.

We offer lowest Stock Removal, Highest possible Production, Cleared Sanding Results with Lowest Electric Power and Sanding Belt Consumption.



SPECIFICATIONS

Working Thickness	Working Width	No. of Heads	Heads Configuration	Sanding Head	Billy Roller	Feeding Speed	Feed & Exit Motor	Brush Motor	Vertical Motion Motor	Total Power	Weight	Dimensions (W X L X H)
≤ 0.5 mm	200-1250 mm	One	R	Sanding with Steel Roller - 75 HP (55 KW)	Counter Pressure Hard Rubber Roller - 5 HP (3.7 KW)	80 MPM	3 HP (2.2 KW) x 2 Nos.	1 HP (.75 KW)	2 HP (1.5 KW)	90 HP (67.5 KW)	7000 Kg	2840 x 1500 x 2300 mm

DOUBLE / TRIPLE HEAD BOTH SIDE BRUSHING MACHINE

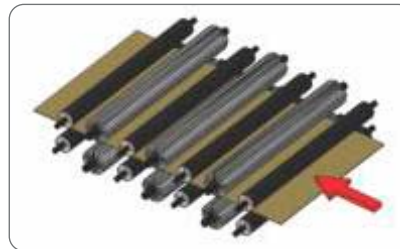
MODEL : ZEDSWEEP BM

This Machine is used for sanding after dipping. Designed with two pairs of Abrasive Brushes with different grits, for creating coarse sanding through first pair of brushes, and fine-sanding through second pair of brushes. This is featured with both side sanding in one pass.

The Brushing Machine is fully capable to deliver the ultimate result for after dipping Ply sanding without any colour fading.

MODEL : ZEDSWEEP TBM

Triple Head Brush Sanding Machine is designed for sanding through brushes for the application of normal / moderate sanding result as brushes can provide just an abrasion sufficient for removal of glue impression but not as good as compared to sanding belt results. This model is best for low / medium cost plywood segment.



SPECIFICATIONS

BM

Working Thickness	Working Width	No. of Heads	Top & Bottom - Head 1	Top & Bottom - Head 2	Top & Bottom - Head 3	Feeding Speed	Feed Motor	Vertical Motion Motor	Total Power	Weight	Dimensions (W X L X H)
4-100 mm	200-1250 mm	Four	Brushing with Brush Roller - 5 HP (3.7 KW) x 2 no.	Brushing with Brush Roller - 5 HP (3.7 KW) x 2 no.	NA	5-30 mpm	2 HP (1.5 KW)	1 HP (0.7 KW)	23 HP (17 KW)	2200 Kg	1700 x 1800 x 1950 mm

TBM

4-100 mm	200-1250 mm	Six	Brushing with Brush Roller - 5 HP (3.7 KW) x 2 no.	Brushing with Brush Roller - 5 HP (3.7 KW) x 2 no.	Brushing with Brush Roller - 5 HP (3.7 KW) x 2 no.	5-30 mpm	3 HP (2.2 KW)	1 HP (0.7 KW)	34 HP (25.5 KW)	2900 Kg	2100 x 1800 x 1950 mm
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MODEL : ZEDSAW 2490 HS

Automatic Edge Cutting Machine, or DD Saw, is another venture of our company in the pursuit of the goal of technical innovation. Being an entirely automatic machine, it is fully capable to bring down time, energy and manpower exponentially.

Working features of this machine are as follows-

- » Plywood is to be loaded only at the input side. It will further be carried away to the output side through dynamic design and hi-tech automation.
- » The plywood is tightly held through pneumatic clamps.
- » Longitudinal table carries the plywood through extra high speed cutter, having 6000 RPM speed, built exclusively by Kumar Engineering Co.
- » After cutting it width-wise, the plywood is moved to the right angle of its initial motion, and then, high speed length-wise cutting starts.
- » Finally, the bunch of sheets is auto stacked on the scissor lift.



SPECIFICATIONS

Longitudinal Saw Motor	Short Saw Motor	Propulsion Power	Scoring Cutter Power	Cutter Speed	Working Size Range (Width - Wise)	Working Size Range (Length - Wise)	Size Setting Power	No. of Size Setting Laser	Heavy Duty (Range of Stroke)	Hydraulic (Capacity)	Lifting Table (Power)	Stack Frame At Exit	Total Power	Installation Size (W X L X H)
15 HP (11 KW) x 2 No.	15 HP (11 KW) x 2 No.	3 HP (2.2 KW) x 2 No. Servo Motors	1 HP X 2 No.	6000 RPM	600 to 1300 mm	1500 to 2500 mm	1.3 HP (1 KW) x 2 No. Servo Motors	4, with 400W Servo Motor	1500 mm	4 Tonne	5 HP (3.7 KW)	Pneumatic	75 HP (56 KW)	6000 X 5000 X 1500 mm

MODEL : ZED PS-5H

Profile Sanding Machine is usable for buffing the grooved surface of Doors, Table Tops, different Furniture Parts.

Brushes in different pattern are mounted in different heads and also rotates in longitudinal & circular directions. Apart from rotations the oscillation of heads are also taken into design for achieving the desired results.

The Machine is generally designed with Six Heads Configurational but can be made with as many Heads as need of the particular application.



SPECIFICATIONS

Working Thickness	Working Width	No. of Heads	I st Head (Brush Roller)	II nd Head (Brush Roller)	III rd Head (Brush Roller)	IV th Head (Brush Roller)	V th Head (Brush Roller)	VI th Head (Brush Roller)	Feeding Speed	Feed Motor	Vertical Motion Motor	Total Power	Weight	Dimensions (W X L X H)
6-120 mm	200-1250 mm	Six	Brushing with Brush Roller - 5 HP (3.7 KW)	Brushing with Brush Roller - 5 HP (3.7 KW)	Brushing with Brush Roller - 2 HP (1.5 KW)	Brushing with Brush Roller - 2 HP (1.5 KW)	Brushing with Brush Roller - 2 HP (1.5 KW)	Brushing with Brush Roller - 2 HP (1.5 KW)	5-30 mpm	3 HP (2.2 KW)	1 HP (0.7 KW)	22 HP (16.5 KW)	2900 Kg	4200 x 2050 x 1900 mm



Core Composing Machine

TECHNICAL SPECIFICATIONS	
Drive Type	SERVO
Structure	Whole Steel Plate Laser Cutting
Core Veneer Thickness	1.2-3.6 mm
Joining Direction	Horizontal
Transfer Speed	0-35M / Minute (Adjustable)
Working Efficiency	260-300 pcs/h (finished Jointing Veneer)
Covered Area	11 M ²
Knife Length	1400mm
PLC, Touch Screen, Servo	Inovance / Fuji / Delta
Glue Groove Heat	9KW
AC	700W
Servo Drive - Front, Rear, Edging Knife, Fixed Length	3 KW Inovance / Fuji / Delta
AC	1 Set
Glue Point (Nose) Number	7
Thread (Yarn) Number	7
Core Veneer Adjustment, Speed Adjustment	Yes
4x4 ft, 4x8 ft, 3x6 ft Change	Yes
Core Composer L x W x H	3600 x 2600 x 2500mm



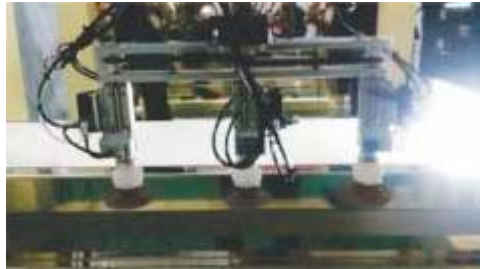
Pneumatic Glue Spreader

TECHNICAL SPECIFICATIONS	
Main EPDM Rubber Rolls	305 mm Dia x 2700 mm Length x 2 Sets
Doctor Rolls	230 mm Dia x 2700 mm Length x 2 Sets
Clearance between Rubber Rolls	0 -55 by handle
Adjustment of Doctor Rolls	By Pneumatic & Fine adjustment by handle
Feed Speed Stepless Inverter	0-120 Hz (230M/min.)
Transfer Speed	0-35M / Minute (Adjustable)
Outfeed Speed	96 M/min
Motor for Outfeed Conveyor	1.5 Kw
Motor for Main Roller Drives	5.5 Kw.
Machine Weight Approx	5000 Kgs .



Paving Line

TECHNICAL SPECIFICATIONS	
Conveyor Belt with Speed Control	2 - 20 MPM
Vertical Conveyor	150 mm
Digital Controlled length Cutting System	Max 1350 mm
Motorised Conveyor upto Scissor Lift	5 HP on Slide Rail
Scissor Lift with Auto Adjustment	5HP (6 Ton Capacity)
Vaccum Auto Loading System	6 Cups Vacuum Diaphragms
Motorised Conveyor Roller	Length as per requirement
Length & Hight of Comoposing Compare	104'ft & Width 1310 mm
Height	600 mm



Auto Loading & Stacking System

TECHNICAL SPECIFICATIONS	
Structure Construction	Rectangular Pipe
Vacuum Cups	3 Nos. x 250 Dia
Lifting Strength	30 Kg Each Cup
Linear Motion	On Slide Rail
Conveyor Table	6' Long, Speed Synch With Machine
Pick And Lift Speed	Adjustable Through PLC
Moving Speed After Lift	Adjustable Through HMI
Strock of Arm	Twice (Adjustable Through PLC)



Hydraulic Scissor Lift

TECHNICAL SPECIFICATIONS	
Table Size	1000 x 2000 mm
Lifting Capacity	Above 3 Ton
Closed Height	500 mm
Opened Height	1700 mm
Cylinder Dia	150 mm
Power Pack	5 HP (3.7 KW)

MACHINES AT A GLANCE

Machine Type Specifications			DOUBLE HEAD WIDE BELT SANDING MACHINE - TOP	DOUBLE HEAD WIDE BELT SANDING MACHINE - BOTTOM	HEAVY DUTY BOTH SIDE SANDING MACHINE	TRIPLE HEAD CALIBRATING AND SANDING MACHINE	HEAVY DUTY LAMINATE SANDING MACHINE	HEAVY DUTY BOTH SIDE CALIBRATING MACHINE	SINGLE COMBI HEAD SANDING MACHINE	SINGLE HEAD CALIBRATING MACHINE	DOUBLE HEAD BOTH SIDE BRUSHING MACHINE	HARDWOOD CALIBRATING & SANDING MACHINE
			<u>ZEDSAN 4126 DS</u>	<u>ZEDSAN 4126 BS</u>	<u>ZEDSAN 3426 TBS</u>	<u>ZEDSAN 5326 TCS</u>	<u>ZEDLAM 350 HD</u>	<u>ZED-HDC-350</u>	<u>ZEDSAN 3426 CS</u>	<u>ZEDSAN CAL 290</u>	<u>ZEDSWEEP BM</u>	<u>ZEDWOOD 1050</u>
WORKING THICKNESS (mm)			2-100	2-100	2-200	2-100	0.4-50.0	4-100	2-100	2-100	4-100	6-125
WORKING WIDTH (mm)			200-1250	200-1250	200-1250	200-1250	200-1250	200-1250	200-1250	200-1250	200-1250	150-1000
NO. OF HEADS			TWO	TWO	FOUR	THREE	ONE	TWO	ONE	ONE	FOUR	TWO
HEADS CONFIGURATION			R-R/P	R-R/P	R-R/P : R-R/P	R-R-R/P	R	R : R	R/P	R	NA	CUTTER - R/P
TOP	H1	PURPOSE UNIT MOTOR (HP)	Sanding Rubber Roller 25 (18.64 KW)	NA	Sanding Rubber Roller 25 (18.64 KW)	Calibration Steel Roller 50 (37 KW)	Calibration Steel Roller 75 (55 KW)	Calibration Steel Roller 75 (55 KW)	Sanding+Polishing Sanding Pad 25 (18.64 KW)	Calibration Steel Roller 50 (37 KW)	Brushing Brush Roller 5 (3.7 KW)	Cutting Cutter Roller 10 (7.5 KW)
	H2	PURPOSE UNIT MOTOR (HP)	Polishing Sanding Pad 20 (15 KW)	NA	Polishing Sanding Pad 20 (15 KW)	Sanding Rubber Roller 25 (18.64 KW)	NA	NA	NA	NA	Brushing Brush Roller 5 (3.7 KW)	Sanding+Polishing Sanding Pad 10 (7.5 KW)
	H3	PURPOSE UNIT MOTOR (HP)	NA	NA	NA	Polishing Sanding Pad 20 (15 KW)	NA	NA	NA	NA	NA	NA
BOTTOM	H1	PURPOSE UNIT MOTOR (HP)	NA	Sanding Rubber Roller 25 (18.64 KW)	Sanding Rubber Roller 25 (18.64 KW)	NA	NA	Calibration Steel Roller 75 (55 KW)	NA	NA	Brushing Brush Roller 5 (3.7 KW)	NA
	H2	PURPOSE UNIT MOTOR (HP)	NA	Polishing Sanding Pad 20 (15 KW)	Polishing Sanding Pad 20 (15 KW)	NA	NA	NA	NA	NA	Brushing Brush Roller 5 (3.7 KW)	NA
BELT SIZE (in mm)			2620 X 1350	2620 X 1350	2620 X 1350	2620 X 1350	NA	2620 X 1350	2620 X 1350	2620 X 1350	NA	1900 X 1050
SANDING BELT SPEED			5-40	5-40	5-40	Calibration : 5-30 Sanding : 5-40	10-80	5-30	5-40	5-30	5-30	5-40
			5 HP (3.7 KW)	5 (3.7 KW)	3 (2.2 KW) X 2 no.	5 (3.7 KW)	2 (1.5 KW)	5 (3.7 KW)	3 (2.2 KW)	5 (3.7 KW)	2 (1.5 KW)	2 (1.5 KW)
BRUSH MOTOR (HP)			1 (0.75 KW)	NA	NA	1 (0.75KW)	1 (0.75 KW)	NA	1 (0.75 KW)	1 (0.75 KW)	NA	NA
OTHER MOTOR (HP)			Vacuum Blower Motor (Optional)	Vacuum Blower Motor	Vacuum Blower Motor	Vacuum Blower Motor (Optional)	Pressure Roller Motor	Pressure Roller Motor	Vacuum Blower Motor (Optional)	NA	Pressure Roller Motor	NA
			3 (2.2 KW)	5 (3.7 KW)	5 (3.7 KW)	3 (2.2 KW)	5 (3.7 KW)	5 (3.7 KW)	2 (1.5 KW)		2 (1.5 KW)	
VERTICAL MOTION MOTOR (HP)			0.5 (0.37 KW)	2 (1.5 KW)	2 (1.5 KW)	1 (0.75 KW)	2 (1.5 KW)	3 (2.2 KW)	0.5 (0.37 KW)	0.5 (0.37 KW)	1 (0.7 KW)	0.5 (0.37 KW)
TOTAL POWER (HP)			54.5 (40.6 KW)	57 (42.5 KW)	103 (76.8 KW)	105 (78 KW)	70 (52.2 KW)	133 (99 KW)	31.5 (23.5 KW)	56.5 (42 KW)	25 (18.6 KW)	22.5 (16.77 KW)
WEIGHT (Kg)			3950	4200	9500	5700	6200	9500	2500	3000	2200	2500
DIMENSIONS	WIDTH (mm)		2240	2250	3350	2240	2840	2440	2240	2240	1700	1840
	LENGTH (mm)		2500	2100	2250	3100	1500	1500	2150	2150	1800	1850
	HEIGHT (mm)		2300	2600	2700	2300	2300	2850	2200	2300	1950	1850

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