



**MMC**

# THE MULTI EQUIPMENT MACHINERY CORPORATION

The leader in Wood Seasoning Kiln Plants, Wood Chemical  
Impregnation Treatment Plants & Plywood Machinery

**Timber Seasoning & Treatment System**

**MORE QUALITY THAN YOU MAY EVER NEED.**







## MISSION

Our mission spells our ambition to have every user of our line of products in the world to say that 'I am inordinately satisfied with the machinery'. We want to see our clients satisfied for the money that they pay and the quality that they get, as it is an automatic WIN-WIN for MMC and its clients.

## ABOUT US

The MultiEquipment Machinery Corp is a leading global brand of manufacturing and exporting wide range of woodworking machinery such as wood seasoning kiln plants, plywood plants, timber treatment plants, non ibr baby boilers etc since 1982. The range is developed in accordance with international quality standards. We use high grade of raw material and advance technology for product manufacturing. These materials are sourced from reliable vendors only. We also provide after sales services on the range enabling us in attaining utmost satisfaction of the customer.

## QUALITY POLICY

We are an AS/NZS ISO 9001:2015 certified company manufacturing wood seasoning kiln plants, timber treatment plants and other plywood allied machinery for more than three decades. It is our superior quality and standard for machinery that sets our company apart from the competition.

"Quality Culture" runs into every segment of factory's working supported by a team of highly qualified professionals, engineers, technocrats and dedicated workers, whose devotion and dedication have become milestones of MMC's success. "Company believes that quality is the lifeline of every business and is committed to satisfy its customers by manufacturing and supplying its products to their entire satisfaction first time and every time with continual up gradation in the effectiveness of the quality management system.

## WOOD SEASONING KILN PLANT

Purpose of seasoning: Wood in growing trees contains considerable quantities of water. Most of this water has to be removed in order to obtain satisfactory performance from the wood in use. Seasoning of timber is essentially a drying process as nearly as possible to the moisture content it will attain in use or in other words, to a suitable moisture content warranting equilibrium with the prevailing atmosphere conditions in service.

### ADVANTAGES OF MULTI EQUIPMENT'S SEASONING KILN PLANT:

- Wood has reduced weight
- It is strong and durable.
- Zero risk of fungal decay.
- High Gluing capacity paints and finishes last longer.
- Reduction in moisture content by 8 to 12%.
- Increase in strength properties.
- The electrical and thermal insulation properties of wood are increased.

The Beneficial Features Of The Multi Equipment Machinery Corp's Wood Seasoning Kiln

### WHY US!

1. Steam seasoning is more efficient, inexpensive and less time consuming as compared to electric, wood waste fired furnace or FHAT seasoning plants.
2. Aluminium fans are provided inside and are located on the side wall which helps in evenly seasoning of wood & Uniform air circulation inside the chamber
3. Free Steam feature provided inside the seasoning kiln in order to achieve super fine seasoned wood.
4. Heavy Duty Valves such as globe valves, NRV (Non Return Valves), Ball Valves, Thermodynamic Steam Trap Valves, Flow Trap Valves, Strainers etc are provided in our seasoning kiln in order to increase the efficiency and reduce the wastage of invaluable steam.
5. A panel of highly trained professionals with an experience of over 10 to 15 years are provided for the erection purpose of the seasoning chamber.
6. MMC's Seasoning Kilns are manufactured by strictly following each and every guidelines given by FRI (Forest Research Of Institute) Dehradun.
7. Available in both steam and oil version of seasoning chambers.
8. Moist air is automatically pushed out of the seasoning chamber via chimneys situated at the ceiling when fresh air enters from 'Fresh Air Dampers'.
9. We MMC being quality minded have our own Foundry Shop at our factory premises where we cast extra heavy duty Cast Iron, Mild Steel & Aluminium product parts for seasoning kiln plant and for our own use.
10. Being quality concerned we have a special testing team, running various kinds of tests on seasoning plants at their final stage.
11. As a result of being quality minded we have been able to become India's biggest plywood industry such as CENTURY PLYBOARDS (I) LTD & GREENLAM INDUSTRIES LIMITED's main vendors for seasoning kiln plants and other plywood, woodworking machinery.

CAPACITY	CHAMBER DIMENSION (FT)	INSTALLED POWER (kW)	NO. OF FANS
350C.F.T	10'L X 10'L X 11'H	2.2 kW	01
550 C.F.T	15'L X 15'W X 12'H	4.4 kW	02
750 C.F.T	23'L X 15'W X 12'H	6.6 kW	03
1200 C.F.T	32'L X 15'W X 12'H	8.8 kW	04
1500 C.F.T	40'L X 16'W X 12'H	11 kW	05
2000 C.F.T	40'L X 16'W X 12'H	11 kW	05



# WOOD CHEMICAL IMPREGNATION TREATMENT PLANT

## VACUUM PRESSURE TIMBER TREATMENT PLANT

### PURPOSE OF TREATMENT

Timber treatment plant is used for vacuum pressure impregnation of timber with water borne preservatives like CCA, Boron, Sodium Bicarbonate and others. Operating 'MultiEquipment' Treatment Plant (MTP-10) is easy and labourless. Treatment cycle procedure is retrieved with records of solution strength, timing of vacuum & pressure with average absorption per CFT of preservatives. This plant is widely used in different industries such as,

- Handicraft Industry
- Plywood Industry
- Flush door Treatment
- Cooling Tower Industry, Etc

The Beneficial Features of The Multi Equipment Machinery Corp's Wood Treatment Plant

### WHY US!

1. The horizontal pressure vessel placed above the underground constructed concrete storage tank. By this no pump is required to transport the solution from vessel to the storage tank, as it will be done with the help of gravity. It makes the plant very compact which minimizes the land area also.
2. The plant is supplied as a 2 stage rapid & basic installation process: (A) Leveling on the concrete foundation (B) Connection to electricity and water. The installation is carried out within 3-4 hours. The plant can easily be re-located to another site as & when if required.
3. The piping connections with valves are fitted on the top of the treatment plant with electric motors, pressure compressor, vacuum compressor for easy operation and effortless supervision.
4. The plant is manufactured with the best method of bolt locking system which is by far the most satisfactory & a safe design. The gate is fitted with 25mm thick high tensile rubber seal for a leak proof operation & the gate locking bolts are made out from 50.8mm thick Mild Steel Square for a secure operation.
5. There is zero maintenance cost because of the following features:



- All Valves & components are of well-known standard ISO approved brands.
- 02 No. of bottom '3" Flange Type Extra Heavy Duty Ball Vales' are provided by us which a single valve cost between 15,000\* to 20,000 INR \*included with the tank\* making us different from other suppliers as quality is our main priority.
- ISO approved well-known standard company pressure & vacuum compressors with replacement warranty are provided.
- All pipings are with flange fitting type.
- 6. Fittings like gauge glass set are made of Stainless Steel & valves such as safety valve, check valve, gate valve etc are made of gun metal material.

### WOOD CHEMICAL IMPREGNATION TREATMENT PLANT CAPACITY

- 'Multi Equipment' Treatment Plant (MTP-10) having following sizes horizontal pressure vessels with single side opening bolt locking system.
- Plant is suitable for process of pressure- vacuum pressure and alternative pressure cycles.
- Available is different sizes as per client's requirement.



S/No.	Model No.	Capacity with & W/o Trolley System	Size of Treatment Plant. (Length x Width).	Required H.P for electric motors, pressure & vacuum compressors
1.	MTP-12	75 C.F.T w/o trolley system	12'L x 4'W	5HP
2.	MTP-16	100 C.F.T w/o trolley system	16'L x 4'W	5HP
3.	MTP-10	150 C.F.T with Trolley system	10'L x 5'W	5HP
4.	MTP-11	225 C.F.T with trolley system	12'L x 6'W	7.5HP
5.	MTP-21	300 C.F.T with trolley system	21'L x 5'W	7.5HP
6.	MTP-22	400 C.F.T with trolley system	21'L x 6'W	10HP

**Note: Wood treatment plants can be made of different sizes as per clients requirement.**





## PLYWOOD DIPPING MACHINE

### KEY FEATURES:

- 'C' class heavy duty fresh pipes (8mm thick) are used for rubber coating.
- Heavy duty pillow bearings are used for smooth movement of the rollers & are able to withstand any load.
- Both sides are fitted with guides for straight movement of ply.
- Easy to operate & User Friendly.
- Low Maintenance.
- Smoothly Running.
- Zero chances of chemical drip/leakage as the S.S 304 Tank provided at the bottom is made leak proof.
- Top & Bottom Rollers are provided with separate heavy duty gear boxes for a smooth and hassle free movement.

Model	MMC-MDM-12	MMC-ADM-12
No. Of rollers	12 No	12 No
Roller Dia	178mm with longlife neoprene rubber coating	178mm with longlife neoprene rubber coating
Structure	Heavy Duty 12mm M.S Plate Body	Heavy Duty Frame M.S
Base	Heavy Duty Frame	Heavy Duty Frame
Sheet Thickness	4mm to 45mm	4mm to 45mm
Pump	Branded 1 HP centrifugal pump for lifting chemical from tank to roller	Branded 1 HP centrifugal pump for lifting chemical from tank to roller
Chemical Spray Lines	Chemical spray lines along with overhead container	Chemical spray lines along with overhead container
Control Panel	Genuine L&T Fittings & Wirings	Genuine L&T Fittings & Wirings
Chemical Tank	Heavy Duty S.S 304 Grade Sheet (fitted in such a way, there is no chance of leakage of drip from the tank)	Heavy Duty S.S 304 Grade Sheet (fitted in such a way, there is no chance of leakage or drip from the tank)
Gearbox	02 No. of Italian Design	02 No. Of Italian Design
Total Power	6 HP	7 HP
Chemical Heating System	S.S Electric Heater Or Oil/Steam Heat Coil (Optional)	S.S Electric Heater Or Oil/Steam Heat Coil (Optional)



## THICKNESS PLANERS

Our Thickness Planers are high standard thicknessers, when you need superior construct, quality consistency and production capacity from your machine. Go for one side thickness planer for single side. Go for both side thickness planer to get double production- double finish at a single go.



MODEL/SPECIFICATIONS	MMC-STP-12	MMC-DTP-13
Max Planning Width	610/24"	610/24"
Max Planning Width	610/24"	610/24"
Max Working Thickness	180/7"	180/7"
Length Of Thickness Table	900/35"	900/35"
Min Length Of Work Piece for Thicknessing	178/7"	178/7"
Feeding Speed	24 F/MIN	24 F/MIN
Cutter Block Diameter	110MM	110MM
Cutter Block Speed	4000 RPM	4000 RPM
Number Of Blades	04 NO	08 NO
Power Required	2.2Kw	3.7Kw
Feed Rollers	02 NO	03 NO
Upper Cutter Roller Power Required - HP	3 HP	3 HP
Bottom Cutter Roller Power Required - HP	-	2 HP
Approx. Weight Of Machine-Kg.	400 KG APPROX	600 KG APPROX





# GLUE SPREADER MACHINE

## FEATURES :

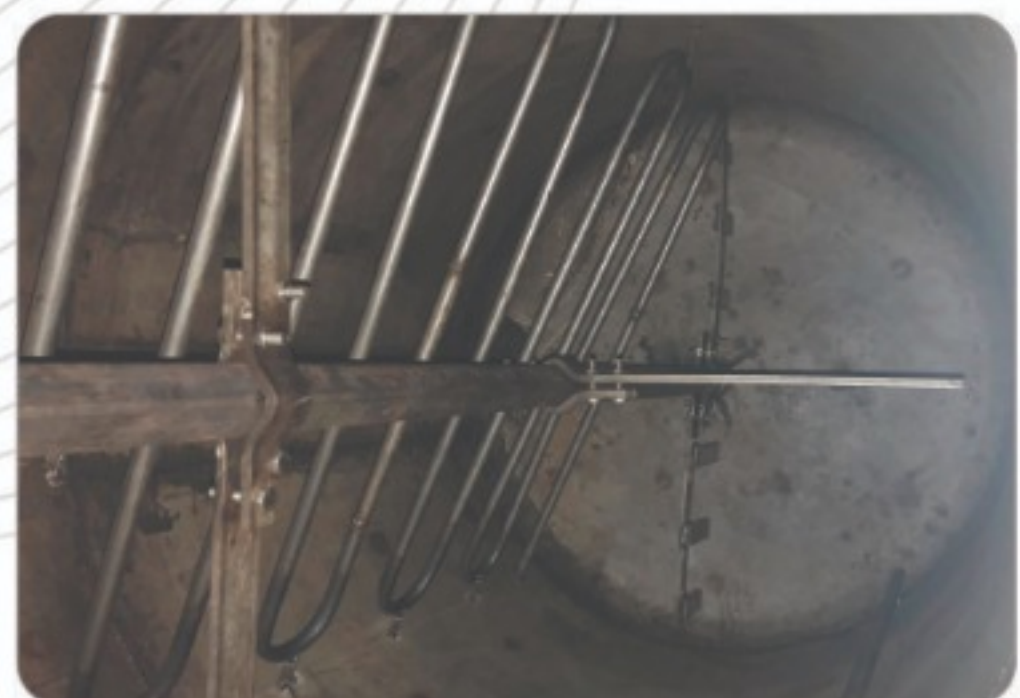
- Torsion-resistance base frame which provides maximum rigidity for continuous high speed operation.
- The special design arrangement comes with a new quick & convenient roller changing method which saves up to 90% of time and labour cost.
- Thick rubber covering made of high quality and wear resisting rubber will ensure long service with uniform coating of glue.
- Heavy duty and large diameter of rubber rollers will ensure uniform application of glue on the entire surface without any vibrations.

TECHNICAL SPECIFICATION	MMC-MGS-36, 54
Available Sizes	36", 54"
Rubber Roller Length	915, 1372 (MM)
Driving Electric Motor	3 HP
Main Rollers Before Rubber Coating	255MM (Fresh heavy duty pipe with 9mm thickness & double plated on each end of the pipe from the inside.
Doctor Rollers	Ebonite/Chrome optional (price may vary)
Frame Structure	Heavy Duty Frame Structure
Mechanism	Heavy duty duplex chain system for zero chances of error



# GLUE KETTLE/RESIN REACTOR

TECHNICAL SPECIFICATION	MMC-MGK-001
Available Sizes	36", 54"
Sizes (as per requirement)	500KG TO 10,000KG+
Inner Shell	S.S 304, 8MM
Outer Shell	M.S, 8MM
Inner Accessories (Nut, bolts, stirrers etc)	Stainless Steel, Grade 304
Reduction Gear	Heavy Duty
Inner Shaft	S.S 304, Bar Type
Inner Coil(For both heating and cooling process)	S.S 304 Grade
Condenser (Heavy Duty)	8MM
Ball Valve	S.S 304 Grade





## BRUSH SANDING MACHINE

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

### KEY FEATURES

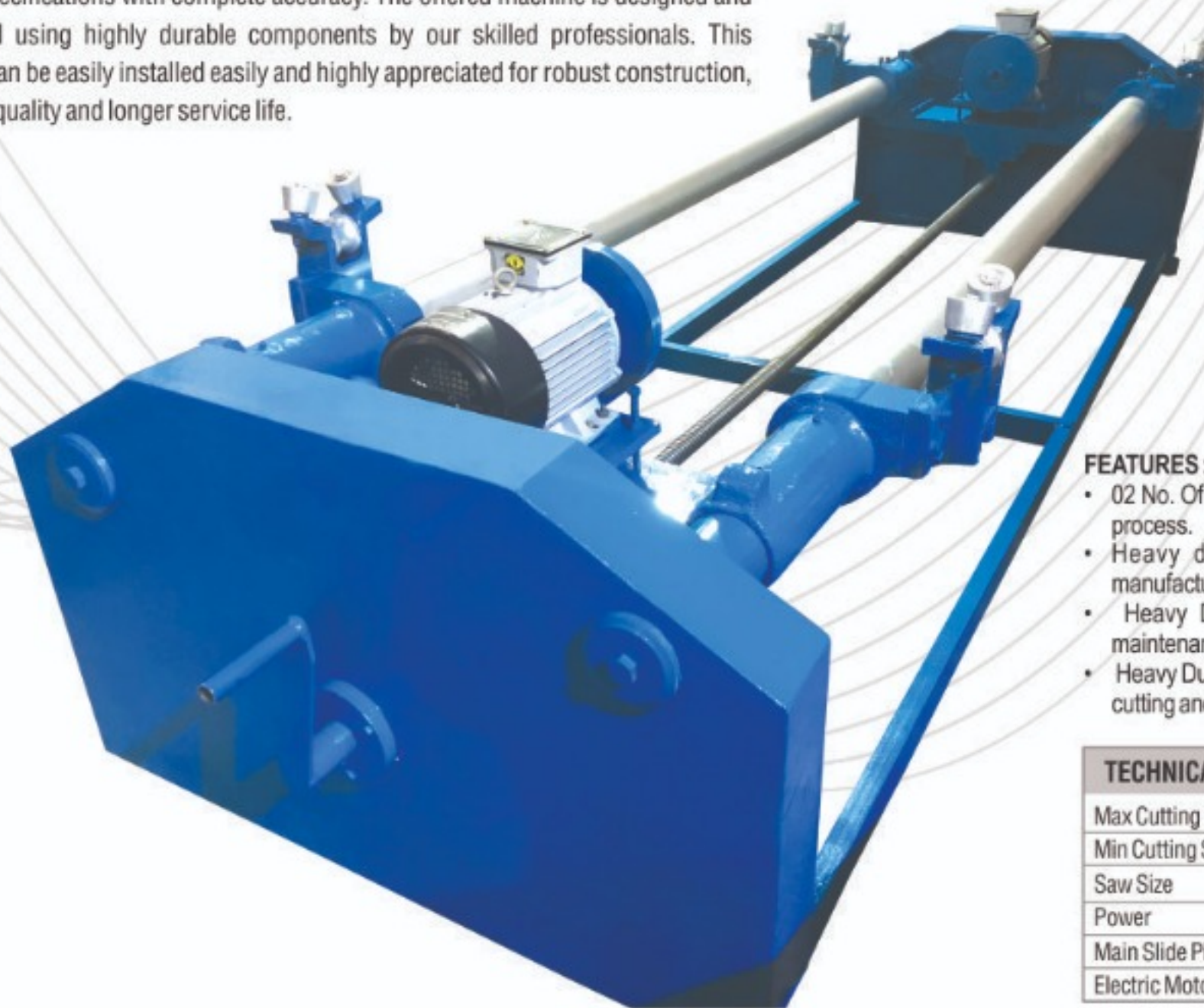
- Heavy duty plate structure provided.
- Quality: Fine finishing due to self dressing.
- Heavy duty pillow bearings provided for smooth working.
- Heavy Duty Dust Collector is provided with the machine free of cost.
- Available in both semi automatic & automatic version.
- Smooth Running.
- Heavy Duty feed rollers are provided better support and faster sanding of ply board.
- User friendly machine can be operated by unskilled labor easily.
- Very economical due to longer life.
- Maintenance Cost: Maintenance free process.
- Longer Brush Life.



TECHNICAL SPECIFICATIONS	MMC-SBS-400	MMC-ABS-600
Number Of Brush Rollers	04 Head	06 Head
Brush Roller Types	2 Grades of sanding brush are used for rough and fine finish	3 grades of sanding brush rollers are used for rough fine and smooth finish
Structure	Heavy Duty Plate Type(12mm)	SAME
Dust Collector	Included (Heavy Duty, dynamically balanced impellers for high suction.	Included (Heavy Duty, dynamically balanced impellers for high suction.
Brush Roller Size	203mm Dia x 1372mm Length	203mm Dia x 1372mm Length
Sanding Size	8' x 4' Max	8' x 4' Max
Sanding Thickness	4mm to 55mm Max	4mm to 55mm Max
Power	18HP Including Dust Collector	18HP Including Dust Collector
Sanding	Top and bottom side	Top and bottom side
Dust Blowers.	4 Panel	4 Panel
Options	Both Manual/Auto Options. Both are easy to operate	Both Manual/Auto Options. Both are easy to operate
Control Panel	L&T Fittings	L&T Fittings

## D.D SAW MACHINE

Our D.D Saw Machine is widely used for finely cutting plywood and boards at the desired specifications with complete accuracy. The offered machine is designed and assembled using highly durable components by our skilled professionals. This machine can be easily installed easily and highly appreciated for robust construction, accuracy, quality and longer service life.



### FEATURES:

- 02 No. Of 7.5 HP electric motors are provided for a smooth process.
- Heavy duty Cast Iron parts are used which are manufactured by us in our own foundry.
- Heavy Duty Slider Pipes for a longer life and zero maintenance.
- Heavy Duty plywood and board slider pipes for best in class cutting and zero percent chances for vibrations.

TECHNICAL SPECIFICATION	MMC-DDS-45
Max Cutting Size	2440 x 1220mm (8' x 4')
Min Cutting Size	2438 x 610mm (7.9' x 2')
Saw Size	16" to 18"
Power	7.5 HP x 2 No (15Hp)
Main Slide Pipes	Heavy Duty Pipes
Electric Motor Slide Bed	Cast Iron)



## RIP SAW MACHINE

TECHNICAL SPECIFICATION	MMC-MRS-20
Max. Width	6"
Min. Thickness	12MM
Min. Length	12"
Number Of Cutters	06 NO
Number Of Feeding Rollers	04 NO
Shaft Dia	80MM
Speed	3F x 1R 3000 RPM
Cutter Dia	12 TO 14"



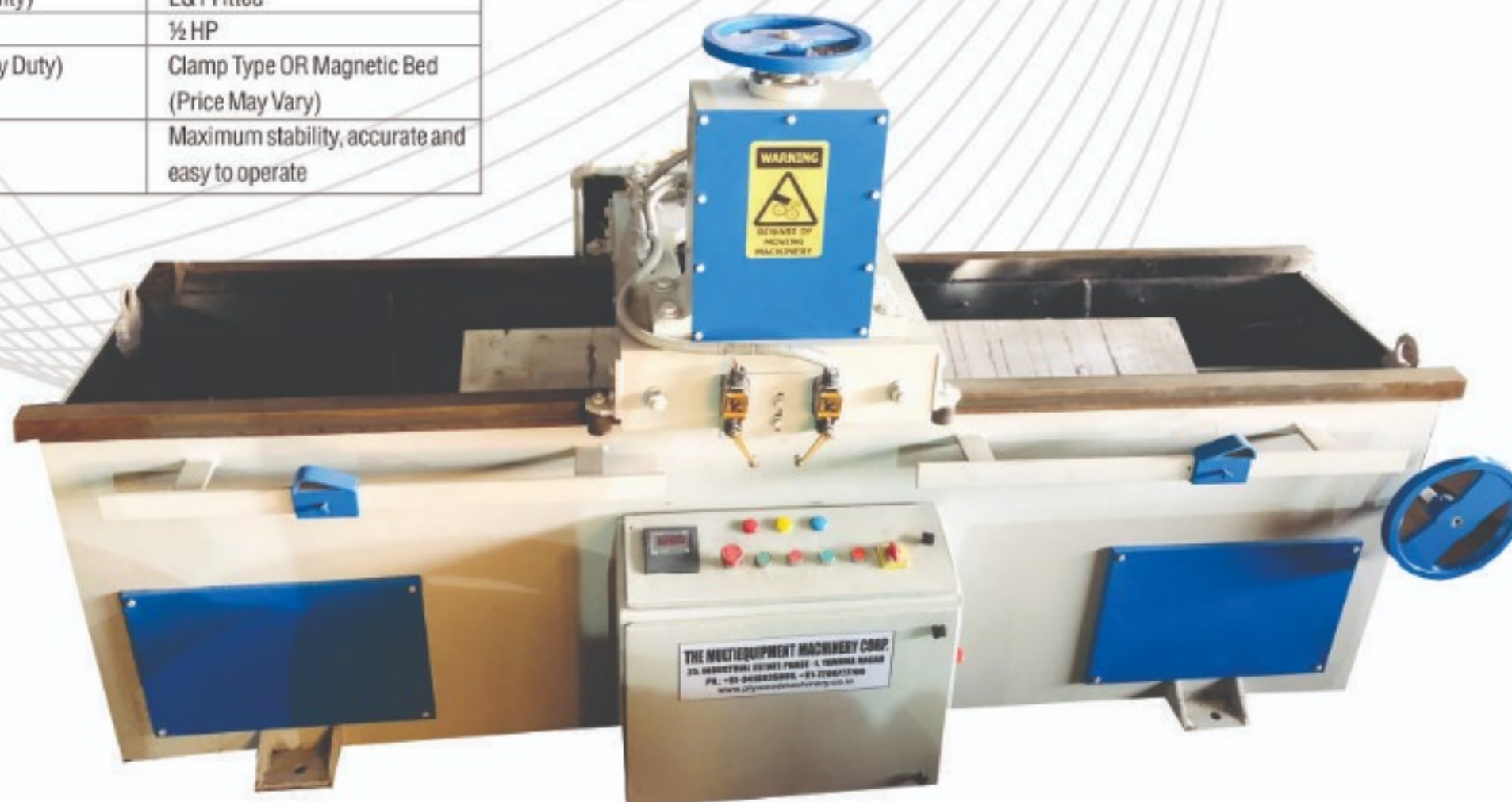
## NON IBR BABY BOILER



TECHNICAL SPECIFICATION	MMC-MKG-54
Working	Works on waste wood, Saw dust, etc
Output	High efficiency at low cost
Maintenance	Needs very less maintenance
Quality	Heavy duty cast iron parts are used for quality purpose
Operation	Easy to operate
Accessories	Heavy duty gun metal valves, netting, electric motor, feed pump etc.

## GLUE KETTLE/RESIN REACTOR

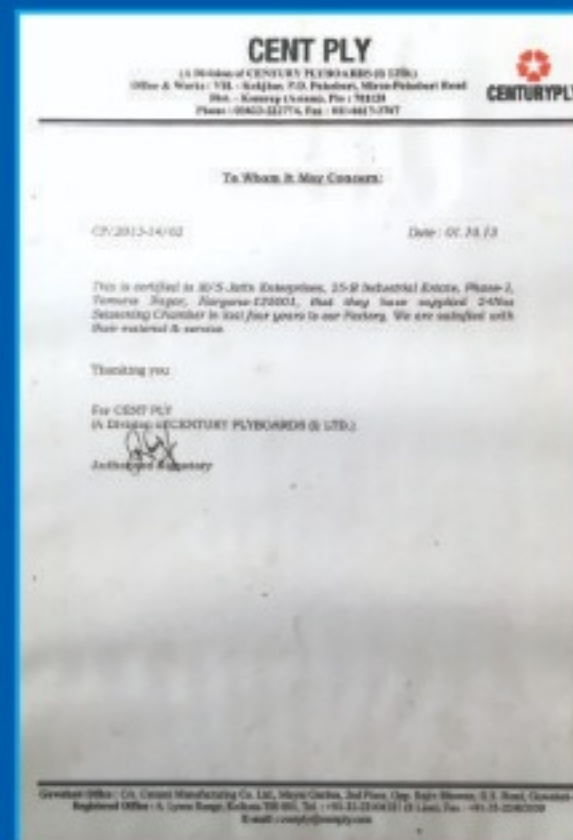
TECHNICAL SPECIFICATION	MMC-MKG-54
Sizes Available	56" , 108"
Grinding Motor	5 HP (3.7Kw)
Total Power	4.5Kw
Body Plate Thickness	10MM
Body Type	Heavy Duty
Slide, Grinding Stone Holder & Slide Bed	Cast Iron (Heavy Duty)
Control Panel (Premium Quality)	L&T Fitted
Centrifugal Water Pump	½ HP
Knife Holder Bed (Extra Heavy Duty)	Clamp Type OR Magnetic Bed (Price May Vary)
Grinding	Maximum stability, accurate and easy to operate





Machinery supplied  
all over India as  
shown in the map

Up to Jan. 2017



## CLIENTELE

After a corporate and successful journey of more than three decades, we have already catered to more than 22,000+ customers and now claim to be the most preferred choice among clients. Our Clientele includes many renowned large scale companies like **CENTURY PLYBOARDS LTD (CentPly)**, **GreenLam Industries Ltd (GreenPly)**, **Archid Ply Industries Ltd.**, **Jai Shree Plywood Industries**, **Virgo Panel Products**, **B.S Progressive**, **MAK Plywood Industries**, **Gattani Industries**, **Metro Plywood**, **Sonear Plywood**, **Maheswari Wood Industry**, **Indian Art Industries**, **Saraf Export**, **Khandelwal Saw Mills**, **Bamboo Flooring Tile Factory** etc. To all the major states and Andaman & Nicobar Islands to Nepal & Bhutan, Sri Lanka, Africa, Singapore etc. Throughout India, neighboring countries & many government forestry sectors etc. Providing utmost quality products.



# THE MULTI EQUIPMENT MACHINERY CORPORATION

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