

## MAHABIR INDUSTRIAL STRAIGHT LINE RIP SAW



### STRAIGHT LINE RIP SAW

The spirit of a straight line rip saw is high precise cutting on width, with automatic feeding and safe to use, Mahabir saw not only got these features but also heavy duty, life long use and very light and smooth for setting. 18 years experience focusing on this saw makes our machine so smooth and anyone who uses it will like the feeling of use.



Low temperature nitriding treated feeding rail, unti years friction without change precision



Forging spindle not welding, make sure it can cut very hard and very thick.



Automatic lubrication system to make sure all mechanical movement is smooth, and it spread oil to main spindle to make sure the spindle is lifelong use



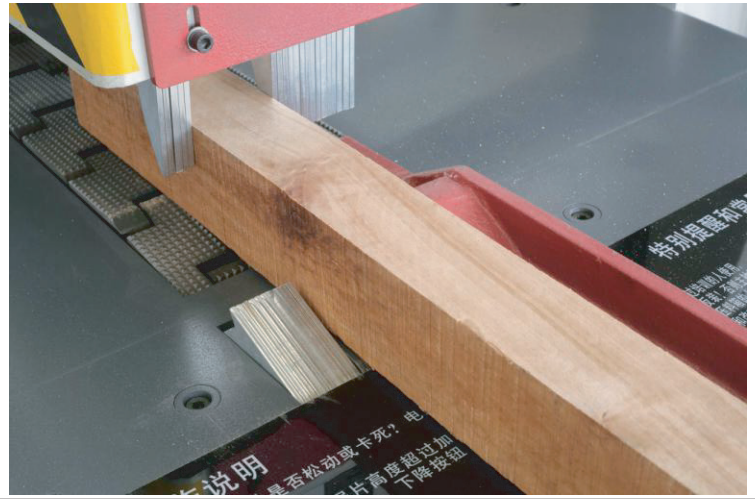
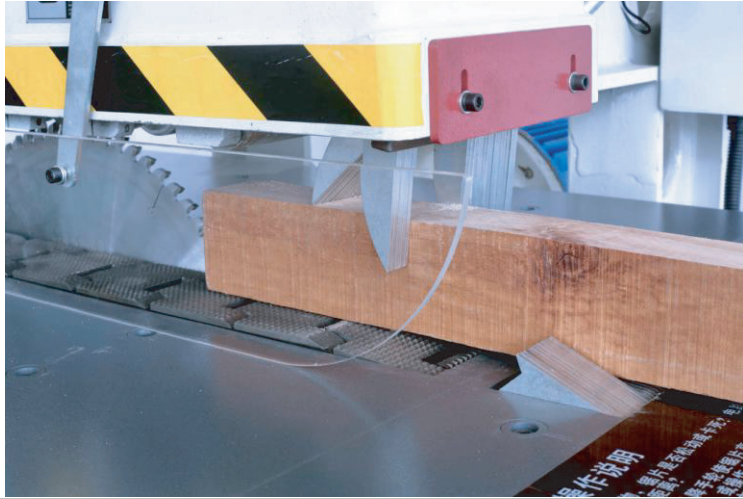
Cast iron structure makes machine running stable.



Heavy duty cast iron spindle



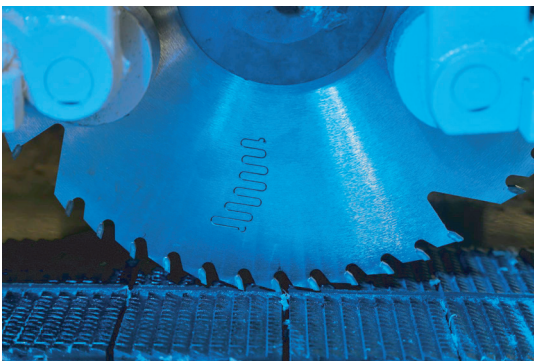
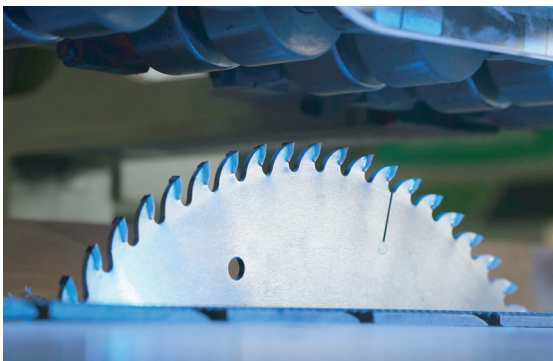
Automatic thickness adjusting



3 Sets anti-kick back teeth to make sure small cut pieces no fly back, side shielding board even close the side for extreme safety



PARAMETER



**Model 163 professional automatic bottom cut**

**Model 153 industrial manual top cut**

Cutting thickness 5- 110mm

Cutting thickness 5-95mm

Feeding speed automatic convert

Manual change feeding speed

Automatic thickness adjust

Manual thickness adjust

Bottom cut: blade on bottom

Top cut: blade on top

10.75kW

10.5kW

1150kgs

950kgs

Both with feeding chain air blow dust clean function, lubrication system, 163Model got special big wood piece crash system to avoid block of wood dust under blade which may cause burnt of blade.



## MJ300 CIRCULAR SAW

MJ-300 Single blade circular saw with sliding table is a small compact size but powerful industrial saw, with cast iron table and sliding table, blade 45 tilting function, raise and down of blade for cutting different thickness, with a precision aluminum guiding fence and clear ruler index make it easy to quick fix the measurement.

Technical Data			
max cutting height	80mm	main shaft angle	45°-90
adjusting height	0-80mm	power	3KW
main shape speed	3550 r/min	working table size	960x800 mm
max disc diameter	350mm	Dimensions	1200x1050x920mm



## THICKNESS PLANER

MAHABIR industrial thickness planer, with European standard high accuracy, quiet running but super powerful, all the features of heavy duty planer, heavy solid cast iron structure make the machine run so stable, special design pressure foot avoid any jump of feeding, optional automatic thickness setting makes it to next generation, with MAHABIR professional spiral cutter(optional), it will bring a super smooth and quiet planing. You can expect a life-long planer with MAHABIR.



**MAHABIR**

SILENT CUTTING MAKE PERFECT TO SUPER PERFECT



Professional spiral cutter makes cutting so light and perfect smooth, meantime, it makes machine run very quiet

MAHABIR auto setting and digital display  
Say bye to manual setting



MBZ model all models got automatic setting, it is very useful for big thickness adjust



MBZ105/106 model is automatic setting model professional industrial model



MBZ1010/1013 is automatic setting model professional heavy model, planing width reaches 1000mm to 1300mm



MB104/105/106/1010/1013model is industrial manual setting model big variety on width



MB103 model is industrial light duty high speed model, for fine small size planing and even can be used for profile moulding.



## **BANDSAW**

MJ397 Band saw is a heavy duty band saw with a max 390mm cutting, max cutting width up to 500mm, with solid cast iron table and precision guiding fence, the table got 45 tilting function for flexible work, there is quick lock system for blade change, makes changing of blade finish in few seconds, there is a braking system can stop the running of machine to make sure a quick setting.

High precision guiding bearing both on bottom and on top is a highlight of this machine, and indeed this is only seen on some European machines, and indeed, this is a model, with high precision and fine detail and for a life long use.

## High light of machine



Fine detail of solid cast iron spare European grade



Table tilting function



All European model blade guiding system for high precision running



### Parameters

Max cutting thickness	390mm
Max cutting width	500mm
Power	5.5kW
Overall size	850*1260*2220mm

## COLD PRESS MACHINE

Product		Cold Press Machine
Model		MJ60A
Power Supply		3ph-380V/50HZ
Max pressure	KN	6000
	T	60
Dimension of the platen	mm	2500*1250
Working speed	Mm/min	180
Total power	Kw	5.5
Stroke	mm	1000
Dimension	Length(mm)	2860
	Width(mm)	1300
	Height(mm)	2350
Weight	kg	2650

### Features:

The machine is set with a pressure maintaining circuit and short-oil protector, which makes the machine stop working to protect products when it is short of oil and avoids engine burnout caused by over pressing. By the way, it is easy to operate.



## MAHABIR INDUSTRIAL DOUBLE SIDE PLANER



### DOUBLE SIDE PLANER

Heavy duty stable structure, electrical thickness setting, automatic feeding with variable speed, central lubrication system, powerful planing, all make it a heavy duty industrial planer. You can expect not only 2 side smooth surfaces but also precision on thickness.

Model and detail	MB450	MB630
Max planing width	450mm	630mm
Max planing thickness	150mm	200mm
Min planing length	320mm	320mm
Rotate of cutter	4500rpm	4500rpm
Diameter of cutter block	110mm	110mm
Power of up spindle	7.5kW	11kW
Power of bottom spindle	5.5kW	7.5kW
Feeding motor	2.2kW	3kW
Total power	15.5kW	20.07kW
Overall size	2300*1360*1650mm	2700*1368*1650mm
Factory price with standard cutter block		
Factory Price change to spiral cutter		

## DOUBLE SIDE PLANER



Heavy duty stable structure, automatic thickness setting, much fast setting, automatic feeding with variable speed, central lubrication system, powerful and super quiet running, professional high precision, all the fitting of European standard.

Model and detail	MB2030	MB2045	MB2063
Max planing width	320mm	450mm	630mm
Max planing thickness	120mm	150mm	200mm
Min planing length	320mm	320mm	320mm
Rotate of cutter	5000rpm	4500rpm	5000rpm
Diameter of cutter block	110mm	110mm	110mm
Power of up spindle	5.5kW	7.5kW	11kW
Power of bottom spindle	4kW	5.5kW	7.5kW
Feeding speed	5-16m/min	5-16m/min	5-20m/min
Total power	11.4kW	15.5kW	20.07kW
Overall size	1880*780*1650mm	2280*1260*1650mm	2700*1268*1650mm
Factory price with standard cutter block			
Factory Price change to spiral cutter			

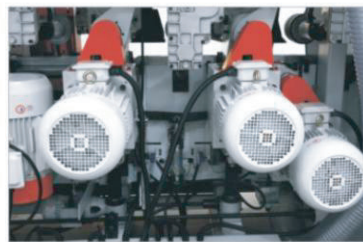
## FOUR SIDE MOULDER



CNC controlled left vertical  
Spindle tuning



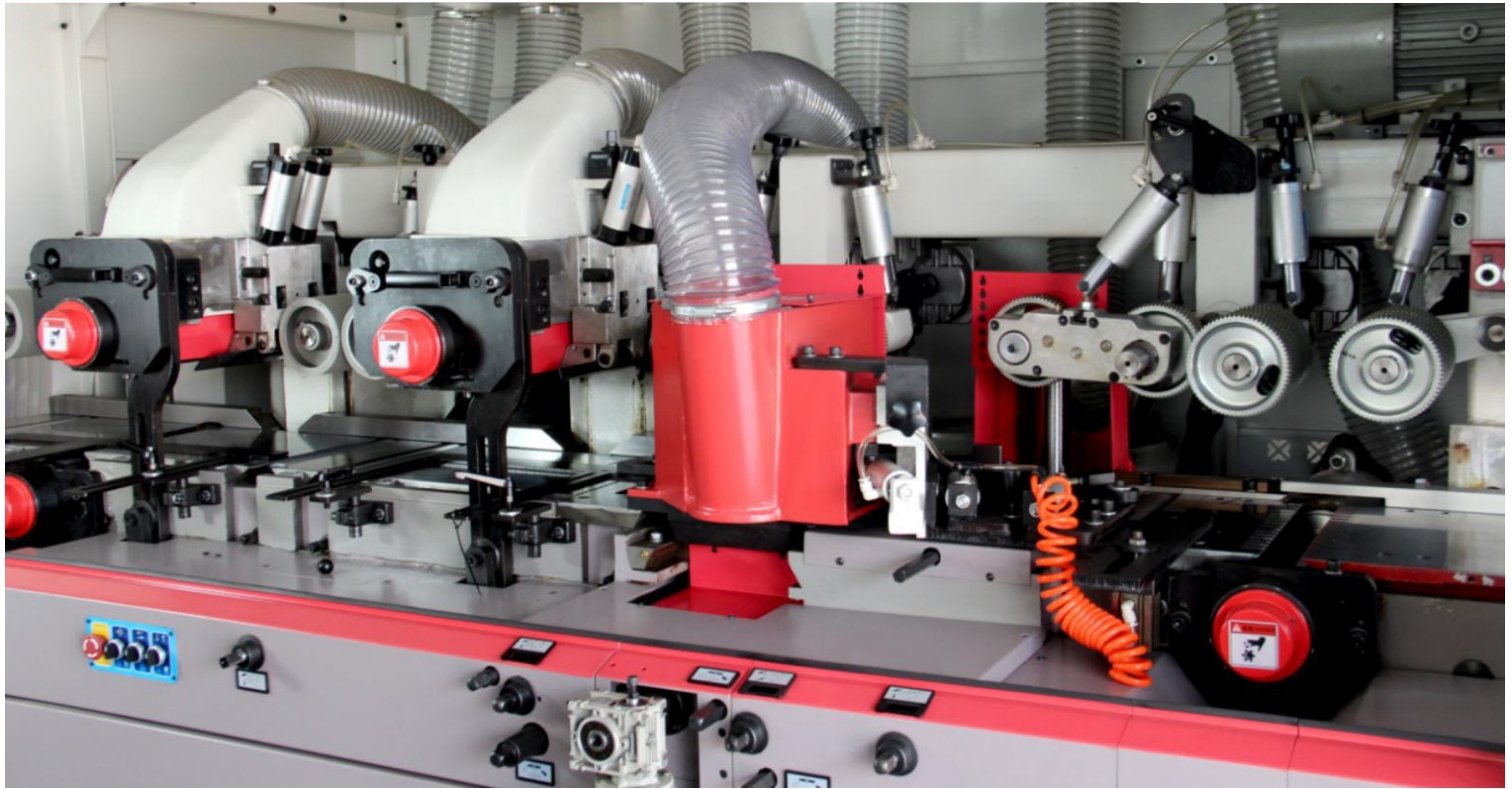
Easy to controlled PLC  
system all setting can  
Be finish here, and it  
Will remember your setting



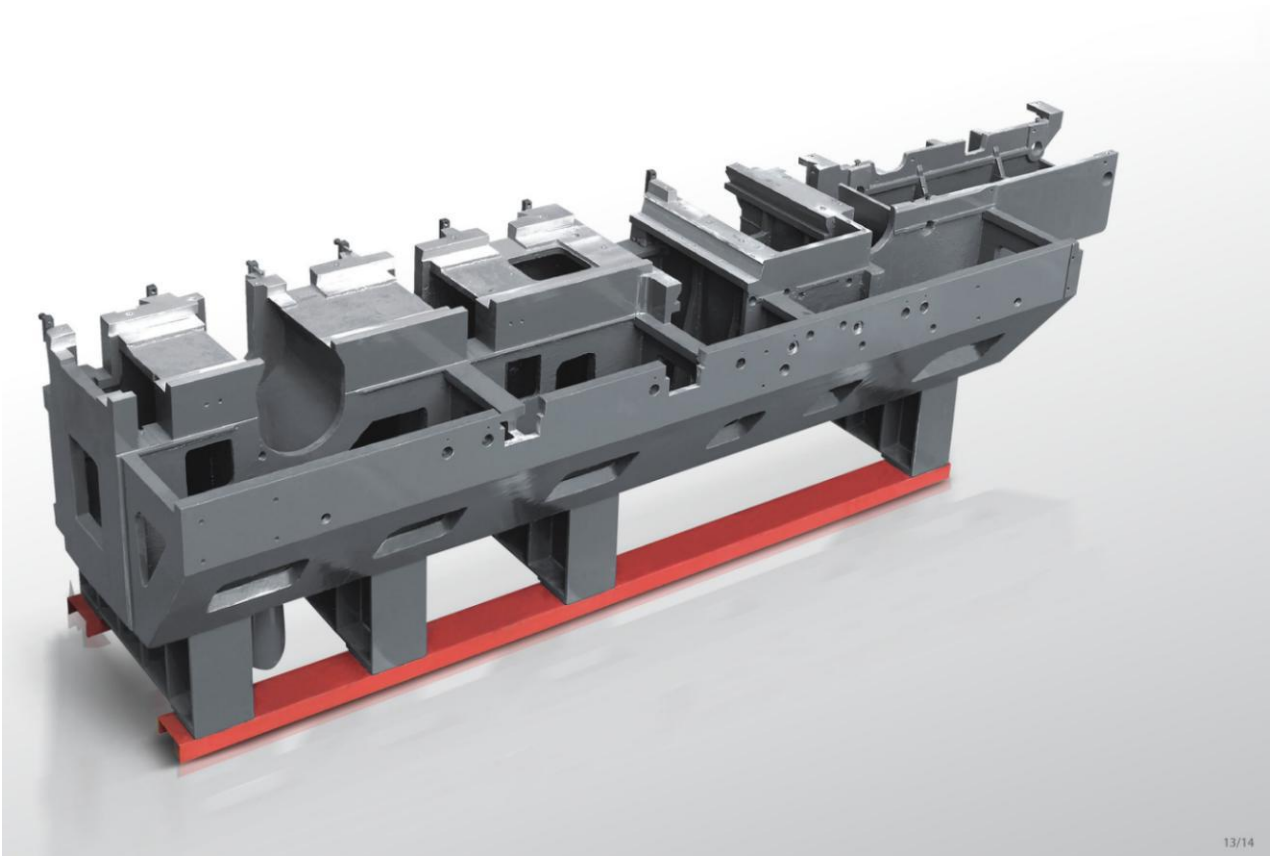
Electric precise raise and  
down of 2 top spindle



Central lubrication system



623V model is design for daily industry used purpose which needs lost of setting works, the PLC controlled automatic tuning make adjusting so easy and all data can be remember at the program. Hydraulic tail lock(optional) makes the top spindle running without any vibration, extremely reduce the tolerance of processing, especially used for heavy big amount molding or planning.



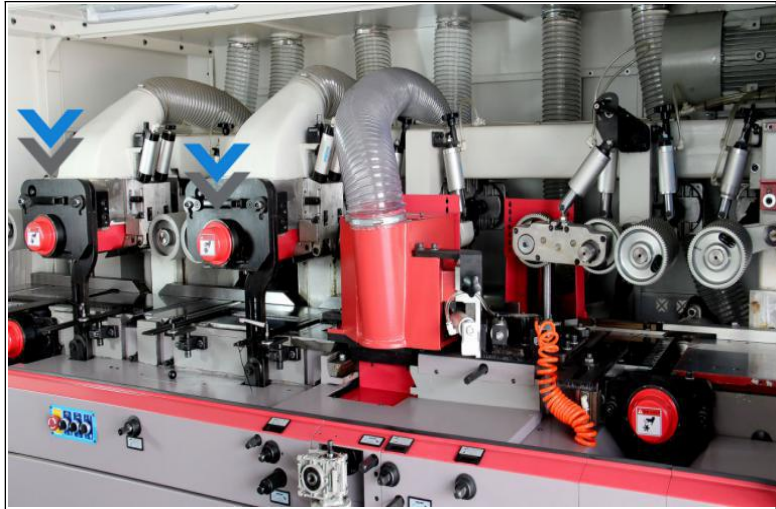
13/14

## SOLID CAST IRON BODY

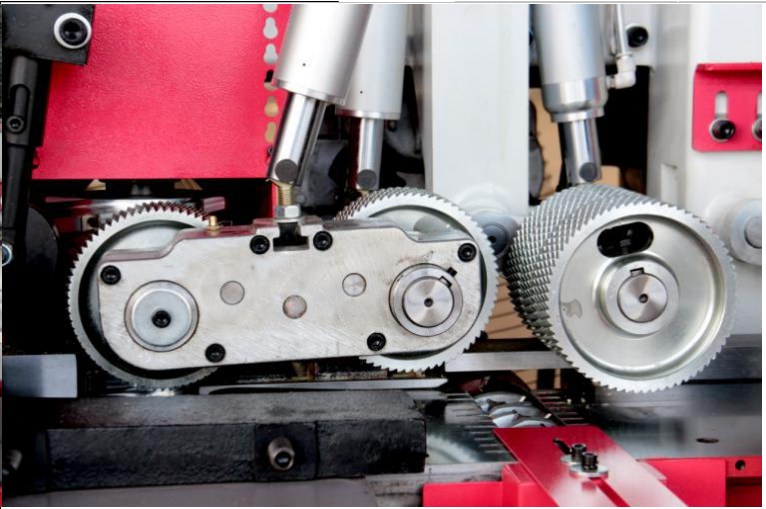
### ONE CYCLE PROCESSING OF 3 SURFACE

To ensure the accuracy of entire machine





Top spindle tail clock system with hydraulic lock from Germany(Optional) Effectively avoid vibration for big width moulding,

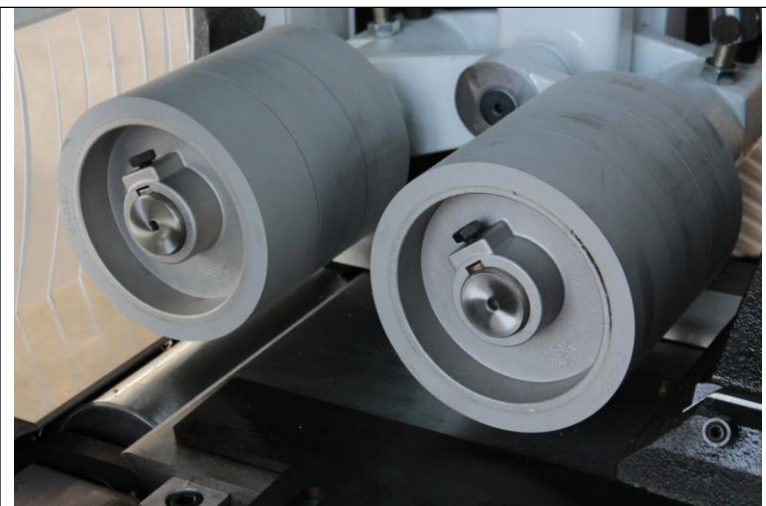


Short material feeding system(standard) is very useful for short material feeding to make moulding more stable

## FINE QUALITY



Hard chrome mirror effect feeding table not only anti-rust, but also for a smooth feeding



Silicon rubber roller after the final bottom spindle to well protect finish moulding products



This moulder got CE approval, all electric spare parts are from Europe with very strict protection





Whole machine inside is cover with noise consumption foam to give you a very quit working condition



There is a light with in the machine, when you do tuning at dark condition, it will be very friendly useful

## ALL IS ENSURE A PERFECT MOULDING

YOU DESERVE A HIGH QUALITY MOULDER WITH ALL HUNDRES OF CUSTOMER  
FROM 50 COUNTRIES ALLOVER THE WORLD

# MOULDING 4SIDE



Parameter		
Main data for machine	Working width	25-230mm
	Working thickness	8-160mm
	Feeding table length	1790mm
	Feeding speed	6-36m/min
	Diameter of spindle	40/optional 50mm
	Running speed of spindle	6500rpm
	Air pressure	0.6MPa
Standard fitting Motor power	First bottom spindle	7.5kW=10HP
	Right spindle	7.5kW
	Left spindle	7.5kW
	First top spindle	11kW=14.6HP
	Second top spindle	7.5kW
	Second bottom spindle	7.5kW
	Top spindle lifting	0.55kW=0.75HP
	Feeding beam lifting	0.75kW=1HP
	Left spindle adjustment motor	0.18kW=0.25HP
	Feeding motor	7.5kW=10HP speed variable type
	Total motor power	55.3kW=75.2HP
Knife diameter for each spindle	First bottom spindle	125mm
	Right spindle	125-180mm
	Left spindle	125-180mm
	First top spindle	125-180mm
	Second top spindle	125-180mm
	Second bottom spindle	125-200mm
Other details	Feeding roller diameter	140mm
	Dust collection hose	140mm
	Overall size	L5070*W1620*1950mm
	Net Weight	4350kgs

## FRAME ASSEMBLY PRESS MACHINE

Product	MH2324 (Double side)
Maximum assembling size	2440*1220mm
Upper cylinder stroke	100mm
Upward pressure	4t*4pcs*2
Lateral cylinder stroke	100mm
Lateral presusre	5t*3pcs*2
Oil cylinder power	2.2kw
Weight	1300kg
Overall dimension	3200×2000×1500mm

### Advantages

All hydraulic parts include:hydraulic pump,hydraulic valve,hydraulic motor use Taiwan parts, durable and less maintenance.

Good and thick steel is used to weld into the machine frame, integrated frame, steady structure.

The working table is made of high strength steel plate , thickness is 10mm,the surface is even and won't bend.

All electric parts use China top brand-CHNT. All peumatic parts use Airtac

The oil seal and related parts use imported parts to avoid oil leak and pressure loosen problem. e:The oil seal and related parts use imported parts to avoid oil leak and pressure loosen problem



## GLUE SPREADER



Model	MT6213
Max glue spreading width	1300mm
Max working thickness	80mm
Rubber roller diameter	215mm
Glue spreading speed	20m/min
Motor power	2.2kw
Overall dimensions(L×W×H)	2000*900*1300mm

### Features:

1. Glue spreader is the specialist to spread the glue uniformly on (core) veneers.
2. Increasing the utilization of glue and decreasing and minimize glue consumption.
3. Equips with high quality rubber glue rollers and chromate treatment doctor rollers. The glue spreads evenly it helps the veneer stick rigidly precise.
4. The safety device is able to immediate stop the machine whenever the danger occurred.
5. Easy operation, the rollers are able to adjust .
6. Easy maintenance, the rollers are able to lift up and move forward by the cylinders. The objects and glue residual can be easily excluded and cleaned out from the rollers.



# INDUSTRIAL SURFACE PLANER

## 2500MM LENGTH HEAVY MODEL



### HIGH SPEED SURFACE PLANER

Mahabir 415N industrial planer is a OEM model for the European market, it is a heavy duty model with heavy cast iron table and fence, easy to adjust fence, all fluent setting, very safe cutter cover, silent running but very powerful. All fine treated and processed, is one of the highest standard planer with Max 2700 mm length table, max planing width 415mm, it can meet most small to big woodwork.

## Parameter

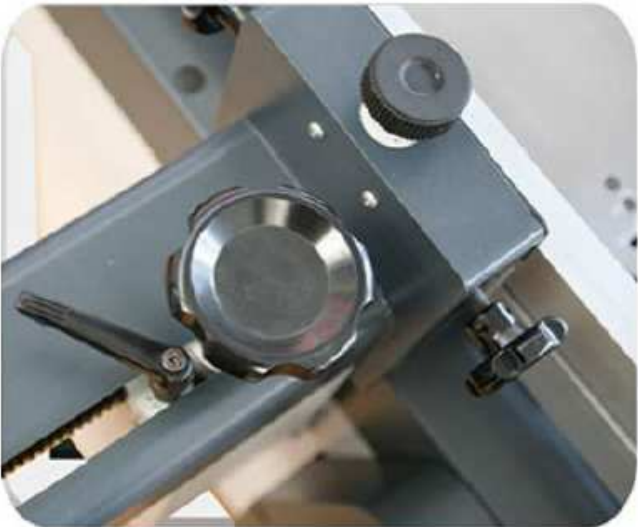
Max planing width	415mm
Max planing amount	8mm
Working table length	2700mm
Speed of spindle	5000rpm
Tilting of fence	45-90 degree
Power	4kW
Overall size	2700*1200*1388
Weigh	650kgs



Tilting fence 45-90 degree



High precision cast iron table



Quick and fluent setting



Siemens OEM motor

## HYDRAULIC COMPOSER



Product		Hydraulic composer
Model		MJ2500-14
Power Supply		3PHASE-380V-50HZ
Max.processing length	mm	2600
Max.processing width	mm	1250
Processing thickness	mm	10-100mm
Section quantity	14	
Clamps quantity per section	8 (Total 80)	
Hydraulic gun quantity	1	
Rotation motor power	Kw	1.5
Oil pump motor power	Kw	5.5
Hydraulic pressure	Mpa	8
Hydraulic	Oil	
Installation size	4000*3900*3800mm	
Weight	kg	3100KGS

Hydraulic Composer Quotation MJ series hydraulic composer is a necessary machine for saw tree and wood floor industry, utility furniture industry, and so on. It splices small boards which have been processed and treated in advance into big board, and it improves the wood utilization rate. This machine assorts imported hydraulic tools from Taiwan, and it has the features of homogeneous pressure, steady performance, high production efficiency, etc.

After years, product has been approved from the market, other factories in order to compete, buy products from our company to survey and draw and copy production. Not only cut corners on the material, the most important is the production process has undergone major changes.

Serious damage to the performance of the machine, the finished product there are many hidden dangers. From the material alone there is a big difference.

The most important thing is the product technology. In order to prevent technical leaks, I can't enumerate all of the internal technology to you.

From the pictures below, you should be able to see the excellent production level of our products.





## MULTI RIP SAW

Powerful and robust structure, flexible cutting width, SAGA Multi rip 300 is suitable for effective multiple cutting, with powerful 22kW sawing motor, it can cut to max 70mm thickness. Multiple feeding rollers enable a very smooth feeding, with 2 sets of anti-kickback teeth fully ensuring the safety of the user, thickness is quite easy to adjust by turning a wheel. Blade distance is adjusted by standard spacers, 1 minutes to change blade.


Pneumatic pressure multiple feeding roller, roller can be change to rubber for fine planed surface feeding



Blade changing is very simple and quick



## Other details

	
Dust cover with 110mm dust collection	2 sets of anti-kick back teeth to prevent any risk to user
	
Very easy to adjust the thickness	Control unit with feeding speed variable

## Parameter

Cutting thickness	3-70mm
Min cutting length	350mm
Spindle speed	2800rpm
Diameter of spindle	60mm
Diameter of blade	300mm
Installation power	29kW
Saw blade installation	5-10pcs
Weight	1050kgs



## SIDE MILLING MACHINE

### MACHINE SPECIFICATION

Working area:2500\*720mm  
Spindle1:6.0KW HSD aircooling spindle\*2  
Spindle speed:6000-18000rpm/Min  
Spindle2:7.5KW air cooling spindle\*2  
Spindle speed:6000-9000rpm/Min  
Motor: Japan Yaskawa servo motor and driver  
Controller:Higerman control system  
Inverter: 11kw\*3  
Reducer:Imported  
Numbers of station:6  
Lifting positioning bar:5 pcs  
Heavy duty machine body

## APPLICATION

A.It is horizontal drilling of custom-made panel furniture. With our K series perforated special machine, it completely replaces traditional drilling and gets rid of the dependence of traditional drilling mode on skilled workers.

B.Excellent components: adopt Taiwan-made linear guide and ball screw; servo drive system, etc.

C.Reasonable design: independent computer control, more convenient to use and maintain.



### Electrical assembly

- A. Professional wire stripper to break the wire.
- B. Interference shielded wire, nylon thread anti-bending.
- C. Classified colors of line, conducive to quick maintenance.
- D. All lines have a clear line number, conducive to troubleshooting.



### Mechanical assembly

- A. Use marble measuring tools to test and assemble.
- B. The positioning cylinder has a special lubrication device, two-color air pipe design is convenient for maintenance.
- C. The core connector, the bolts used are 12.9 grade, High hardness and tensile strength, high firmness.





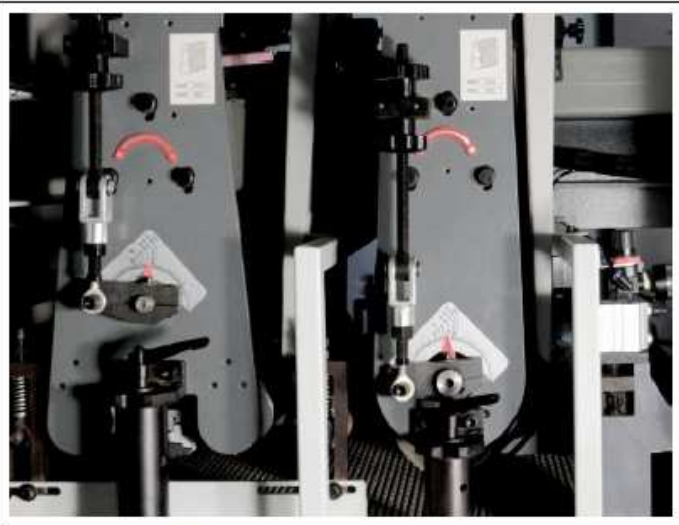
## WIDE BELT PROFILE SANDER

### TECHNICAL SPECIFICATIONS

1. Max width of processing: 1300mm
2. Min. length of workpiece: 350mm
3. Max. processing height: 10-140mm
4. Height of worktable: 850mm
5. Convey motor power: 1.5kw
6. Power requirement: 380V 50Hz, 3 Phase
7. Vacuum mouth: 2000mm x 3pcs
8. Main power: 11kw
9. Machine size: 3900x2200x2100mm
10. Machine weight: 2550kgs
11. Machine feature: 2 sets disc sanders (total 12pcs) + 3 sets long sanders
12. Free provide 3 sets of sandpaper strips, 1 set build on the machine, 2 sets extra



3 sanding shaft for flexible grit sanding



2 shaft from left is steel roller driven, to give a powerful large scale thickness sanding, while the final shaft is rubber roller combine graphite pad, to give a very soft fine sanding



Quick lock for easy changing of sanding paper

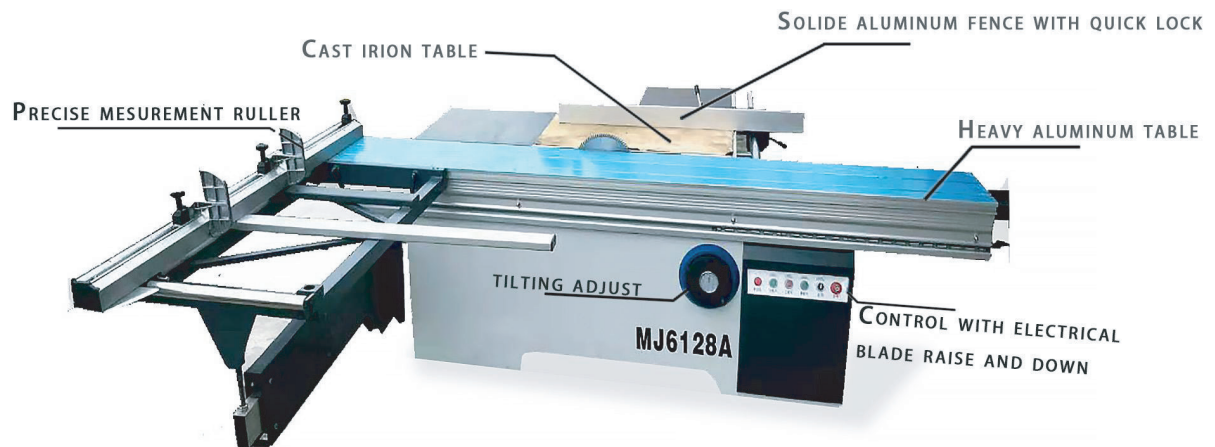


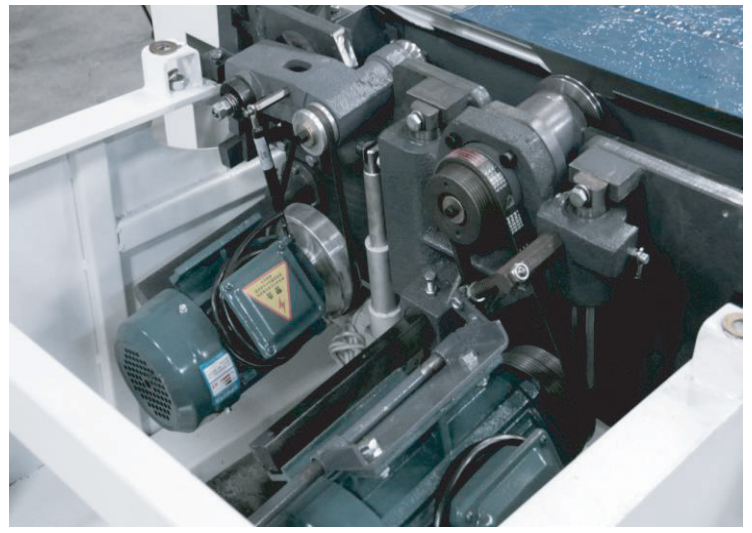
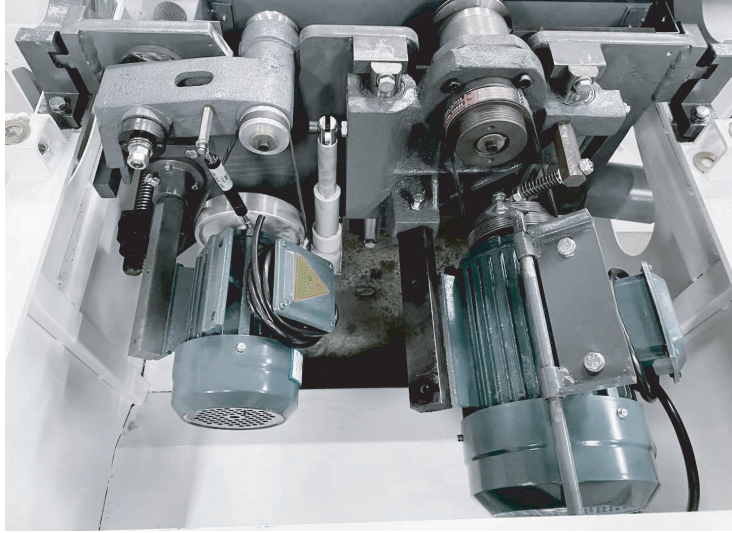
Each sanding shaft got separate sanding scale setting function



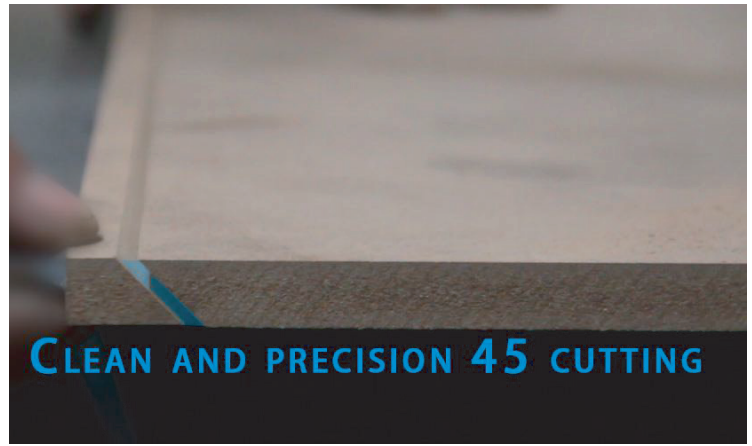
## SLIDING TABLE SAW

MJ6128A sliding table saw with max 2800/3000/3200mm length sliding table, electrical blade raise and down, tilting function. With cast iron table and heavy aluminum sliding table, all machine is on the heavy structure to ensure a silent stable and precision cutting, the E





Not like commercial light duty saw which use steel plate for all movement base, SAGA saw unit is all on solid cast iron base, this make it not only heavy duty for hard solid wood cutting, also, it makes saw running quiet and stable, and this brings super precision



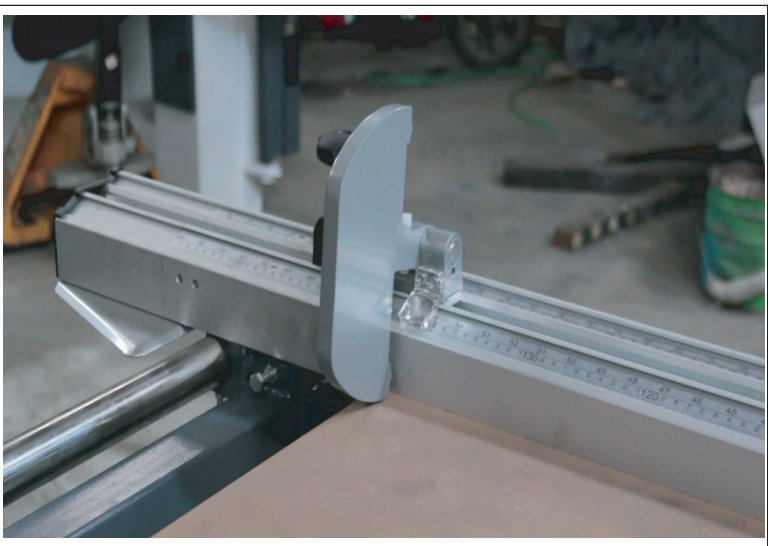
45 degree cutting: easy manual adjust to 45 degree and it can offer a very clean and precise cutting for jointing.



The tilting function is European design with 2side arc guiding which have been test for long time features for stable, adjusting of tilting by a wheel with number indicate handle, tilting adjusting is so slight due to the precise process of mechanical parts.



Heavy thick aluminum sliding table it is very important for a life long high precision



Clear measurements makes cutting setting quick and precise

PARAMETER

Max cutting length	2800 and 3000/3200mm capacity optional
Max cutting thickness	125mm
Tilting function	Manual setting
Blade raise and down	Electrical
Main saw spindle diameter	30mm
Scoring saw spindle diameter	20mm
Max Main saw blade diameter	400mm
Running speed of main spindle	4000/5000rpm
Scoring saw spindle speed	8200rpm
Power of main spindle	5.5kW
Power of scoring saw	1.1kW
Overall size:	L2850*W1900*800mm
Weight	750kgs

## MAHABIR INDUSTRIAL MOULDER



### SPINDLE MOULDER

Mahabir industrial spindle moulder(shaper) all equipped with max 1000 rpm high speed quiet running spindle, heavy cast iron table and spindle system, friendly side spindle lock makes changing tools very convenient, due to the high precision process, the rise and lower down of spindle is very smooth and light. 35mm diameter spindle with max 120mm moulding height, max 185mm tools diameter.

Mahabir special spindle lock sensor is a a very useful function at real using, sometimes user may forget to lose the spindle and turn on to run, the motor may overload or burnt in this condition, SAGA moulder will lock all power and user can't start the machine, this function will protect both machine and user. T45 model is a universal spindle model, 45 or other degree tilting makes moulding of special profile works or jointing works very convenient, no need to change the cutter.

## Parameters

MODEL	T90	T45
Table size	1100*700mm	1150*800mm
Height of spindle	120mm	120mm
Diameter of spindle	35mm	35mm
Max tools diameter	185mm	185mm
Power	5.5kW/7.5kW	4/5.5kW
Speed adjust	60 0/8000/10000rpm	6000/8000/10000rpm

## Optional fittings available

		
Power feeder	Power feeder	Sliding table model





## Door Lock and Hinge Drilling Machine

Max mortising depth	120mm
Max mortising length	1000mm
Max workpiece length	2600mm
Max workpiece thickness	80mm
Milling spindle quantity	5pcs
Spindle rotation speed	12000 rpm
Working time	1-2 min/time
Total motor power	13.65Kw
Working pressure	0.6-0.8MPa
Working voltage/frequency	380V/50Hz 3Phase
Machine weight	1800KG
Machine overall dimension(LxWxH)	4300x1400x1700mm



### **Characteristics&Advantages:**

1. Automatic tools alignment before processing, no need manual;
2. Automatic thickness measurement, precise measuring for different dimensions doors and ensuring more accurate on working;
3. Internal modules of door locks, hinges, plugs for doors, with graphs display, simple operation;
4. Five closed-types dust cover, avoid flying saw dusts and better working environment.

### **Configurations:**

Servo motor, Taiwan system, high speed motors, screws and guide rails, full set of precise milling tools.