

High Efficiency!  
Accurate!

# 4-SIDE MOULDER

Mouldtec 4/5/6 • YL-230 • YLG-230

## Mouldtec 4 / 5 / 6

From the fresh appearance to high quality tradition, The MOULDTEC series 4-side Moulder is designed with excellence in mind. Now, look into its extraordinary features. The MOULDTEC features all new appearance, high accuracy cutting, user-friendly operation interface and precision constructed throughout. The MOULDTEC is not only a newly designed moulder, but also provides the best possible performance you've come to expect.



## YL-230

Upgraded from the MOULDTEC series, the new YL series integrates many upgraded performances. The YL series is equipped with greater horsepower and provides increased thickness of cut. In addition, a wide range of optional equipment is available for maximum flexibility of operation.

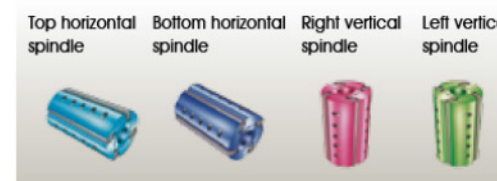
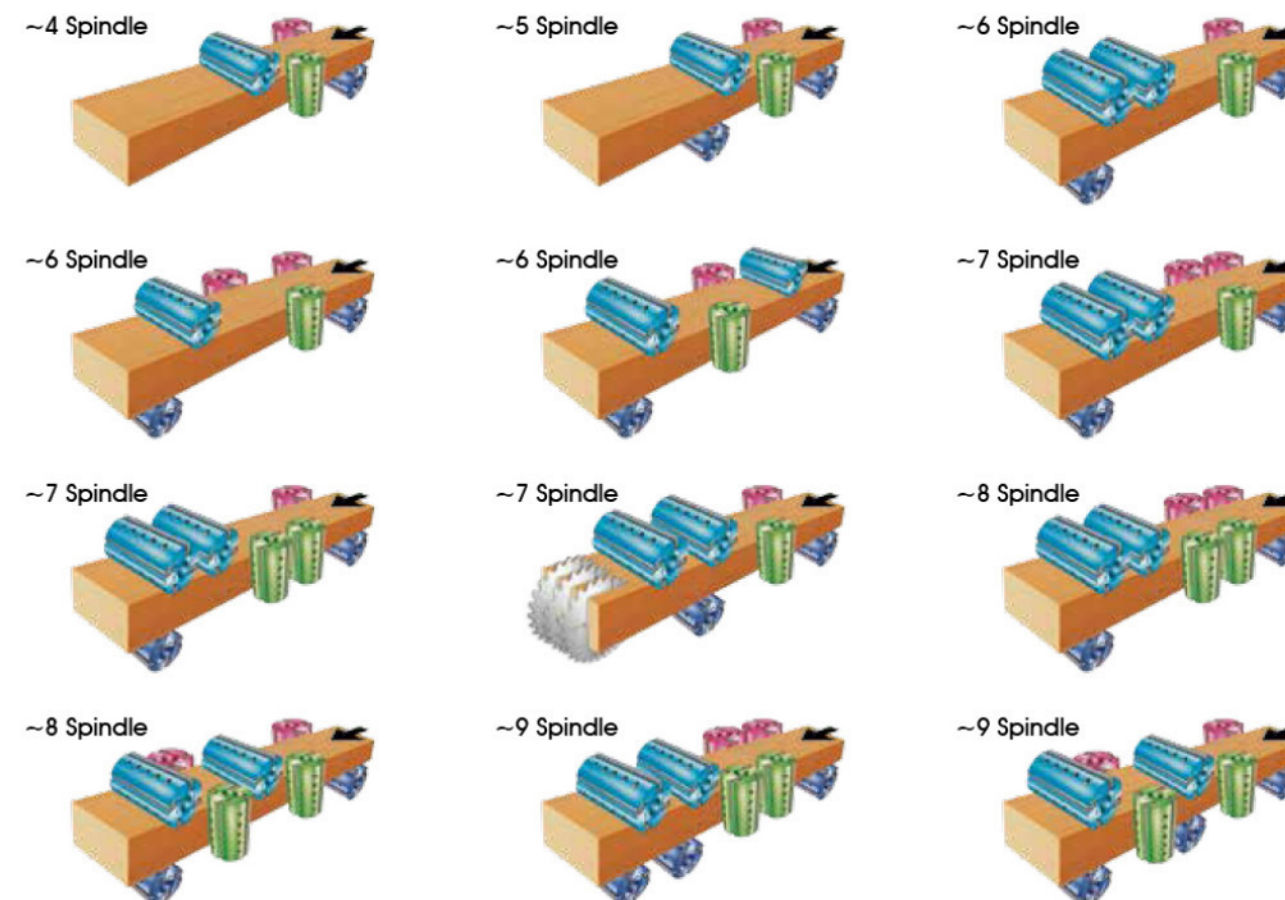


## YLG-230

The YLG series is designed for solving your problem of hard material cutting. The series of machine is capable of cutting various wood materials. Especially for extra hard wood, moisturized wood and warped wood, the machine feeds wood smoothly while reducing wood jamming to a minimum.



## SPINDLE ARRANGEMENT FIGURES



SKG Type equip extra pneumatic floating driven table roller. It forces the high moisture timber or hard timber into the machine without stock in front of first bottom spindle.

MODEL	Mouldtec	YL-230	YLG-230
Working width min.~max.	25~230 mm	25~230 mm	25~230 mm
Working height min.~max.	10~150 mm	10~150 mm	10~150 mm
Infeed table length	1.6 M	2 M	1.2 M
Motor horse power	7.5 HP/10 HP	10 HP/15 HP	10 HP/15 HP
Feeding power	5 HP	7.5 HP	7.5 HP
Feeding speed	6 ~36 M/min	6 ~36 M/min	6 ~36 M/min
Diameter of spindle	40 mm	40 mm (50 mm Opt.)	40 mm (50 mm Opt.)
Spindle speed	6,000 RPM	6,000 RPM	6,000 RPM
Tool diameter of first bottom spindle	100~160 mm	100~160 mm	100~160 mm
Tool diameter of vertical spindle	100~180 mm	100~180 mm	100~180 mm
Tool diameter of horizontal spindle	100~180 mm	100~180 mm	100~180 mm
Adjustment range of straightening table and edge-joint	10 mm	10 mm	10 mm
Adjustment of vertical spindle	50 mm	50 mm	50 mm
Adjustment of horizontal spindle	30 mm	30 mm	30 mm
Diameter of feeding roller	140 x ø35 mm	140 x ø35 mm	140 x ø35 mm
Width of steel feed roller	25 mm	25 mm	25 mm
Width of steel feed rollers opposite left spindle	20 mm	20 mm	20 mm
Width of rubber feed roller	50 mm	50 mm	50 mm

• Hard chrome plated table.

※ Specifications and design features are subject to change without notice.

# 4-SIDE MOULDER

YLG-300 • 350 • 450 • 500

High Efficiency!  
Accurate!

YLG series  
300 / 350 / 450 / 500

In addition to integrating all features on the YLG series, the function of YLG-300 / 350 / 450 / 500 is greatly upgraded. The increased width of cutting capacity allows the YLG-300 / 350 / 450 / 500 to cut wider panel. Furthermore, the special equipment is provided on each spindle for achieving the best finish on the surface after cut.

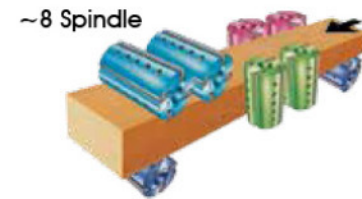
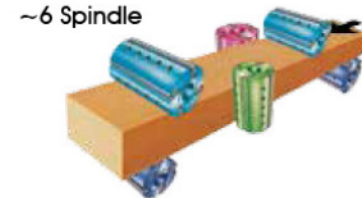
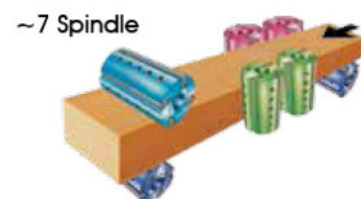
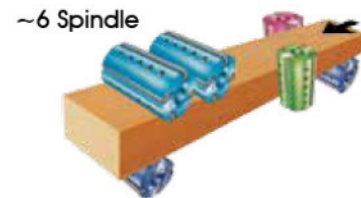
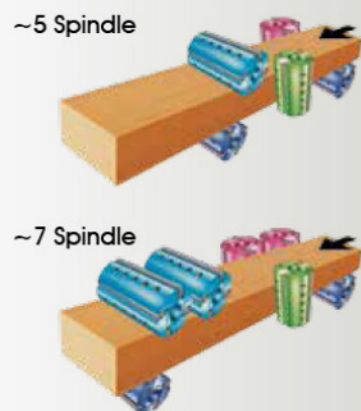


YLG-300 / 350



YLG-450 / 500

## SPINDLE ARRANGEMENT FIGURES



### Pneumatic Pressure Side Wheel At Infeed Table

Eliminate the use of conventional spring load, the side pressure wheel is loaded by air system. This feature not only provides higher pressure, but also allows for flexible adjustment of pressure. No elastic fatigue occurs. The air loaded side pressure makes the machine ideal for high speed cutting operations.



### Double Side Air Loaded Feed Rollers (Incl. External Bearing Support) (Roller Diameter 200 mm)

Suitable for working width over 400mm, these feed rollers provide stable feeding and more uniform

feeding with double side pressure. They are ideal for both planing and sawing operations.



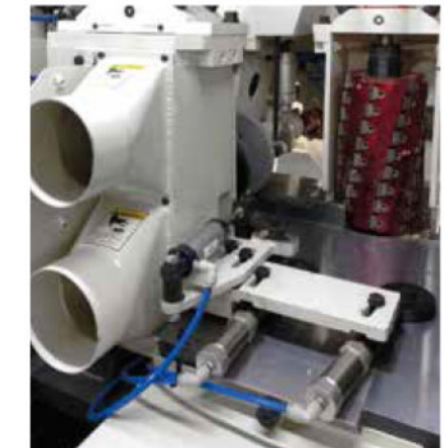
### Movable top pressure Roller

After special design the top pressure wheel can be movable, users change the cutter easier and more convenience.



### Outboard Bearing Device

The device provides extra support for horizontal spindle to get better cutting performance and perfect finish quality.



### Out board Bearing Device

The device provides extra support for vertical spindle to get better cutting performance and perfect finish quality.

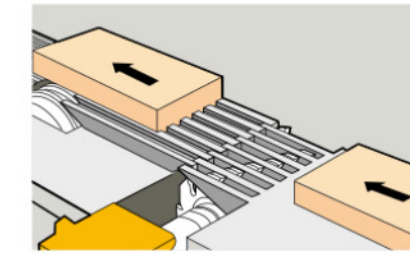
MODEL	YLG-300	YLG-350	YLG-450	YLKG-500
Working width min.~max.	25~300 mm	25~350 mm	25-450 mm	25~500 mm
Working height min.~max.	10~150 mm (200mm Opt.)	10~150 mm (200mm Opt.)	10~200 mm (250~350mm Opt.)	10~200 mm (250~350mm Opt.)
Straightening table length (Hard chrome plated)	1.2 M	1.2 M	1.2 M	1.2 M
Spindle power	15 HP & 20 HP	15 HP & 20 HP	20 HP & 25 HP	20 HP & 25 HP
Feeding power	7.5 HP(10 HP Opt.)	7.5 HP(10 HP Opt.)	10 HP (15 HP Opt.)	10 HP (15 HP Opt.)
Feeding speed	6 ~36 M/min	6 ~36 M/min	6 ~36 M/min	6 ~36 M/min
Diameter of spindle	50 mm	50 mm	50 mm	50 mm
Speed of spindle	6,000 RPM	6,000 RPM	6,000 RPM	6,000 RPM
Diameter of cutter for 1st bottom spindle	125~180 mm	125~180 mm	125~180 mm	125~180 mm
Diameter of cutter for vertical spindle	125~180 mm	125~180 mm	125~180 mm	125~180 mm
Diameter of cutter for horizontal spindle	125~230 mm	125~230 mm	125~230 mm	125~230 mm
Adjustment range of straightening table	10 mm	10 mm	10 mm	10 mm
Adjustment of vertical spindle	50 mm	50 mm	50 mm	50 mm
Adjustment of horizontal spindle	30 mm	30 mm	30 mm	30 mm
Diameter of feed roller	140 x ø35 mm	140 x ø35 mm	200 x ø45 mm	200 x ø45 mm
Width of steel feed roller	25 mm	25 mm	50 mm	50 mm
Width of feed roller opposite to left spindle	20 mm	20 mm	20 mm	20 mm
Width of rubber feed roller	50 mm	50 mm	50 mm	50 mm

- Hard chrome plated table.
- Out Broad Bearing Device for Horizontal / Vertical Spindle.

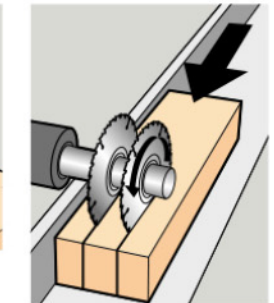
※ Specifications and design features are subject to change without notice.

# High Speed Short Wood 4-Side Moulder

YLG-230GH



**Groove Guide Table**  
Moulder machine equip groove guide table can process short timber or twisted timber.



**Multiple rip Sawblades (Optional)**

The multiple rip sawblades are available only for 6-spindle model. The sawblades are mounted on the 5th top spindle.



Automatic feeding for short stock.



**Belt Type Infeed Conveyor**

- Feeding speed 10-80 M/min.
- Working width 35-150 mm.
- Variable feed speed controlled by frequency inverter. Feed speed display.
- Maximum operation convenience. Easy to adjust width of cut.

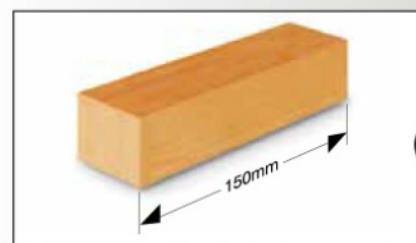


**3 Section Auxiliary Rollers for Short Wood**

This device is movable for convenient tool replacement of vertical spindle cutter head.

## YLG-230GH

The YLG-230GH series is designed and engineered for great saving for your wood cost. The short wood come from other machines are reusable on the YLG-230GH series. With its high speed feed system, you not only save cost of wood waste, but also get high efficiency production. It's a highly productive series you've come to expect.



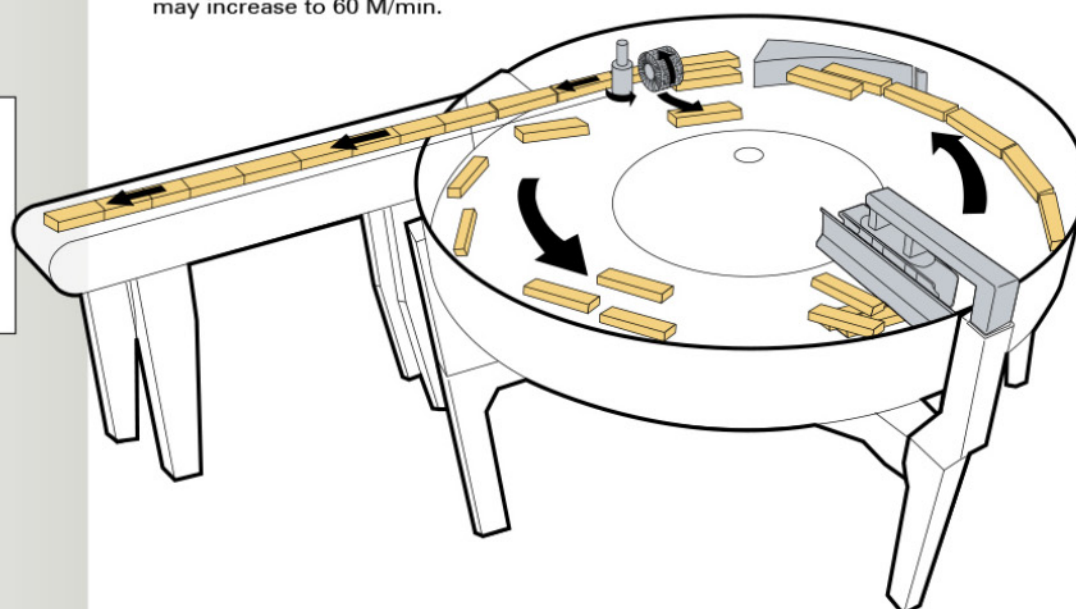
Min working length 150 mm.

## Centrifugal Force Type Feeding System (Optional)

- For saving manual indeed of wood.
- Reduce machine loss (Wood feed without touch between pieces results in loss of machine).
- Increase efficiency. Manual feed speed can reach only 30 M/min. With the optional feeding system feed speed may increase to 60 M/min.

### MODEL AT11 Centrifugal Force Type Feeding System

Timber Length	150-400 mm(Can be customized)
Max. Timber width	20-100 mm
Max. Timber thickness	20-100 mm
Circle Diameter	2.1 M
Feeding Motor	3 HP
Block Motor	1/2 HP x 3
Feeding Speed	10-60 M/min



### MODEL

### YLG-230GH

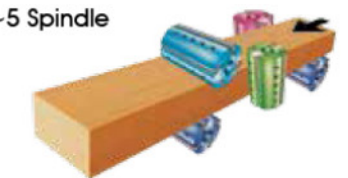
Working width min.~max.	35~230 mm
Working height min.~max.	10~120 mm
Min. working length	150 mm
Straightening table length (Hard chrome plated)	1.2 M
Spindle power	10 HP & 15 HP
Feeding power	7.5 HP
Feeding speed	10~60 M/min
Diameter of spindle	40 mm (50 mm Optional)
Speed of spindle	7,200 RPM
Diameter of cutter for 1st bottom spindle	125~160 mm
Diameter of cutter for vertical spindle	125~180 mm
Diameter of cutter for horizontal spindle	125~180 mm
Adjustment range of straightening table	10 mm
Adjustment of vertical spindle	50 mm
Adjustment of horizontal spindle	30 mm
Diameter of feed roller	140 x φ35 mm
Width of feed roller	25 mm
Width of feed roller opposite to left spindle	20 mm
Width of rubber feed roller	50 mm

- Hard chrome plated table.
- Pneumatic pressure device for top spindle.
- Pneumatic pressure device for left spindle.
- Groove table.
- Short wood automatic feeding device.
- Belt type feeder.

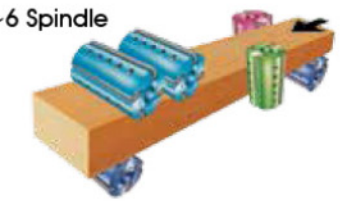
※ Specifications and design features are subject to change without notice.

## SPINDLE ARRANGEMENT FIGURES

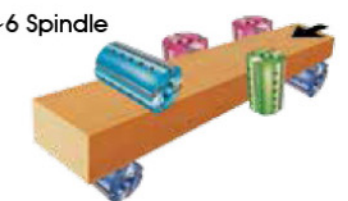
~5 Spindle



~6 Spindle



~6 Spindle



Top horizontal spindle Bottom horizontal spindle Right vertical spindle Left vertical spindle



# Multiple Spindle Vertical Slicer Machine

YLG-230S Series

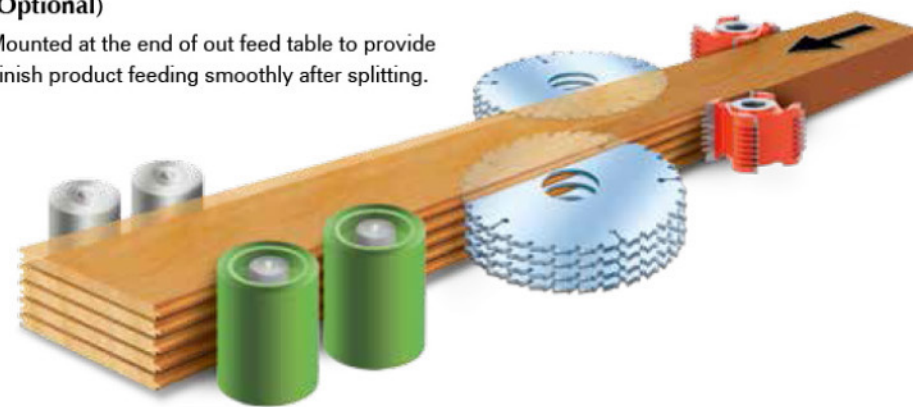


YLG-230S

The YLG-230S series not only combines the features of 4-side moulder, but also provides slicing function. The series is designed for saving machining time while greatly upgrading throughput. The YLG-230S is a special purpose machine with cross cut and slicing function. It's applicable for composite parquet, Venetian blind, window curtain and air-tight window, etc.

### Motorize Out Feed Vertical Roller Device (Optional)

Mounted at the end of out feed table to provide Finish product feeding smoothly after splitting.



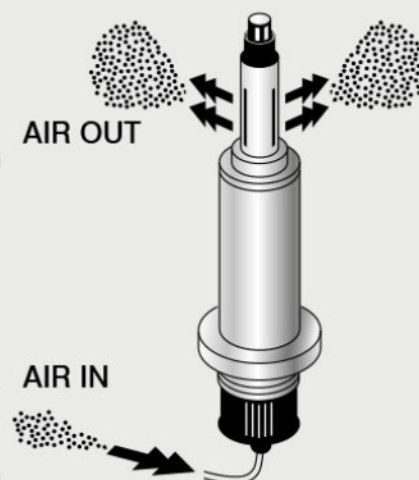
### Sawblade Cleaning Device

The cleaning solvent reservoir provides solvent flushing together with outside cooling air to the blades for cleaning off the dusts existed on the blades. It also helps to reduce heat generation on the blades. The cleaning device permits time setting as desired.



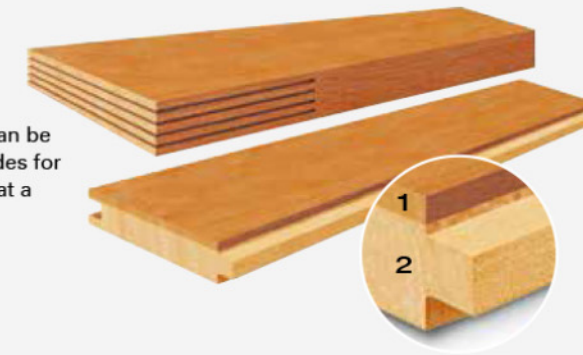
### Sawblade Cooling System

An air cooling system is applied for cooling blades during slicing, that reduces blades heat generation. A combination of cooling through spindle and outside air cooling for blades feature excellent cooling effect. The specially designed air cooling system not only greatly extends blades life but also ensures high cutting accuracy.



### Multiple Sheets Slicing

The two vertical spindles can be fitted with multiple sawblades for producing multiple sheets at a time.

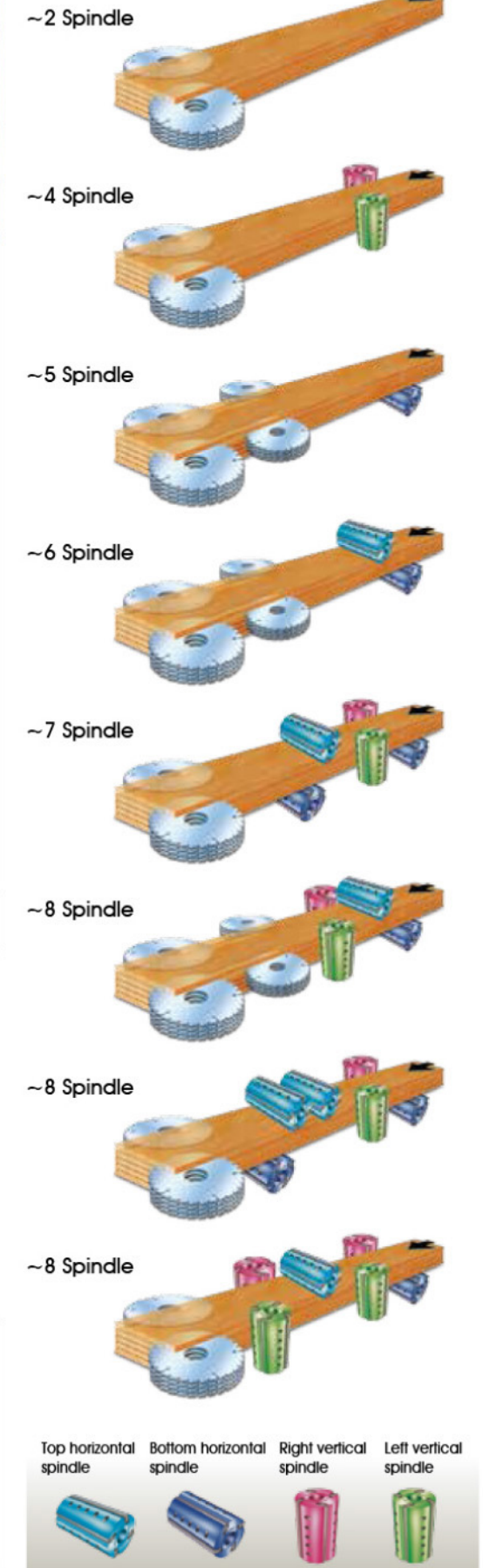


### Scoring Sawblades

The machine is available to equip with additional scoring sawblades for slicing. The scoring blades may avoid tearing problem while upgrading slicing speed.



### SPINDLE ARRANGEMENT FIGURES



### MODEL

### YLG-230S

Working width min.~max.	60~200 mm
Product thickness range	2~20 mm
Max. sheets of slicing	Max. 5 sheets
Spindle motor	7.5 HP~10 HP
Scoring sawblade motor	10 HP (15 HP Optional)
Slicing blade motor	20 HP (30 HP, 40 HP Optional)
Feed drive motor	5 HP
Feed speed	4 ~24 M/min
Spindle speed	6,000 RPM
Scoring blade spindle speed	3,600 RPM
Infeed table length	1.2 M
Slicing blade spindle speed	3,600 RPM (Inverter control 2,800~6,000 RPM Optional)

- Frequency inverter control for variable speed change. Feed speed display.
- Centralized lubrication system for spindle bearings.
- Slicing spindle running is transmitted by timing belt without slipping problem.
- Pneumatic loaded pressure device assures maximum stability during slicing.
- A combination of cooling through spindle and outside air cooling for blades, assuring outstanding cooling effect.
- Hard chrome plated table.

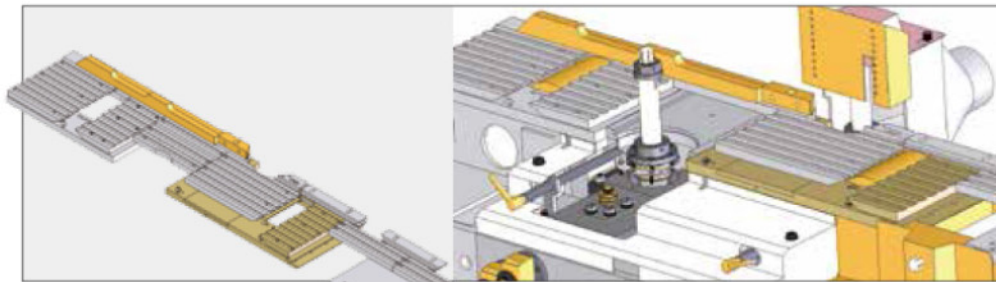
※ Specifications and design features are subject to change without notice.

# High Speed 4-Side Moulder For Parquet

## YLG-230H Series

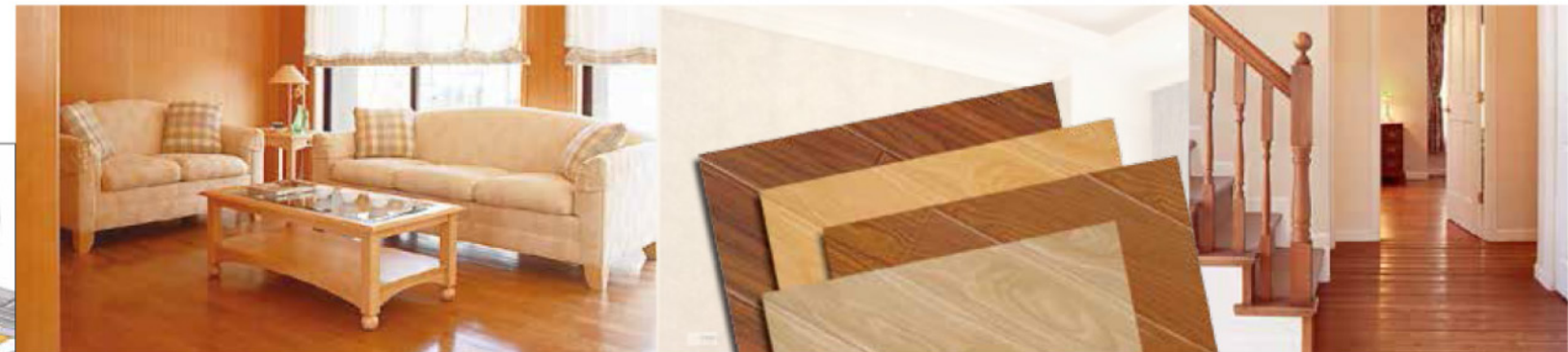
Designed for producing both solid wood floor and multi-layer floor, the YLG-230H of machine features outstanding feed system. The initial stage feeder is used for stacking wood, and rear stage feed is performed by a buffering type feeder.

The outstanding feed system design permits continuous infeed without gap between wood materials during feeding. This ensures high accuracy cutting. Its high speed feed system greatly upgrades production efficiency, while assuring superior product quality.



### Double Table Plate (Optional)

The top plate come with light groove to reduce the friction between parquet and table. It is longer the life of working table, and easy to replace while wear out.



The table for first bottom spindle is available to be double trimming table for setting width. Also it can be used as the bottom spindle.



MODEL	YLG-230H
Working width min.~max.	25~230 mm
Working height min.~max.	10~120 mm
Straightening table length	1.2 M
Spindle power	10 HP & 15 HP
Feeding power	7.5 HP
Feeding speed	10~60 M/min
Diameter of spindle	40 mm (50 mm Optional)
1st bottom horizontal spindle speed (Reversible running)	6,000 RPM
Vertical spindle speed	7,200 RPM (8,000 RPM Optional)
Top horizontal spindle speed	7,200 RPM (8,000 RPM Optional)
Diameter of cutter for 1st bottom spindle	100~160 mm
Diameter of cutter for vertical spindle	100~180 mm
Diameter of cutter for horizontal spindle	100~180 mm
Adjustment range of straightening table	10 mm
Adjustment of vertical spindle	50 mm
Adjustment of horizontal spindle	30 mm
Diameter of feed roller	140 x ø35 mm
Width of feed roller	25 mm
Width of feed roller opposite to left spindle	20 mm
Width of rubber feed roller	50 mm

- Vacuum Parquet Feeder.
- Double air cylinders loaded pressure roller for vertical spindle.
- Hard chrome plated table.
- ※ Specifications and design features are subject to change without notice.



## Vacuum Parquet Feeder

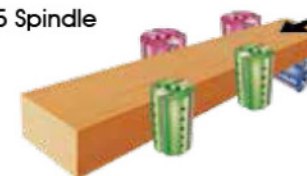
### Technical Information For Vacuum Parquet Feeder:

- Parquet delivery and pressing at central position.
- The parquets continuously feed into the machine without gap between parquets.

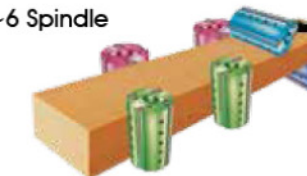
MODEL	AT07
<b>Vacuum Parquet Feeder</b>	
Feed motor	2 HP (inverter control)
Feed speed	10-80 M/min
Length	3500 mm
Install vacuum device	

### SPINDLE ARRANGEMENT FIGURES

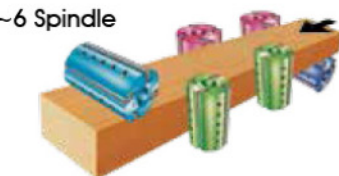
~5 Spindle



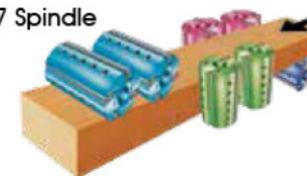
~6 Spindle



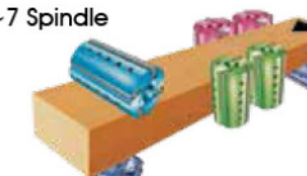
~6 Spindle



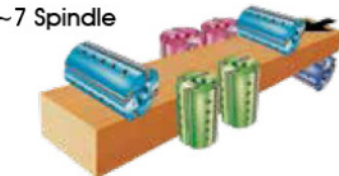
~7 Spindle



~7 Spindle



~7 Spindle



# HMI High Speed 4 Side Moulder

YLG-230JH with AT12+AT23



The newly developed High Speed Computerized 4-side moulder from Shen Ko is excellent for long wood materials machining, such as construction materials, wall boards and finger jointer materials, etc. Equipped with jointer device and cross type chain feed conveyor table, the machine not only produces extra fine surface of product, but also dramatically increases machining efficiency.

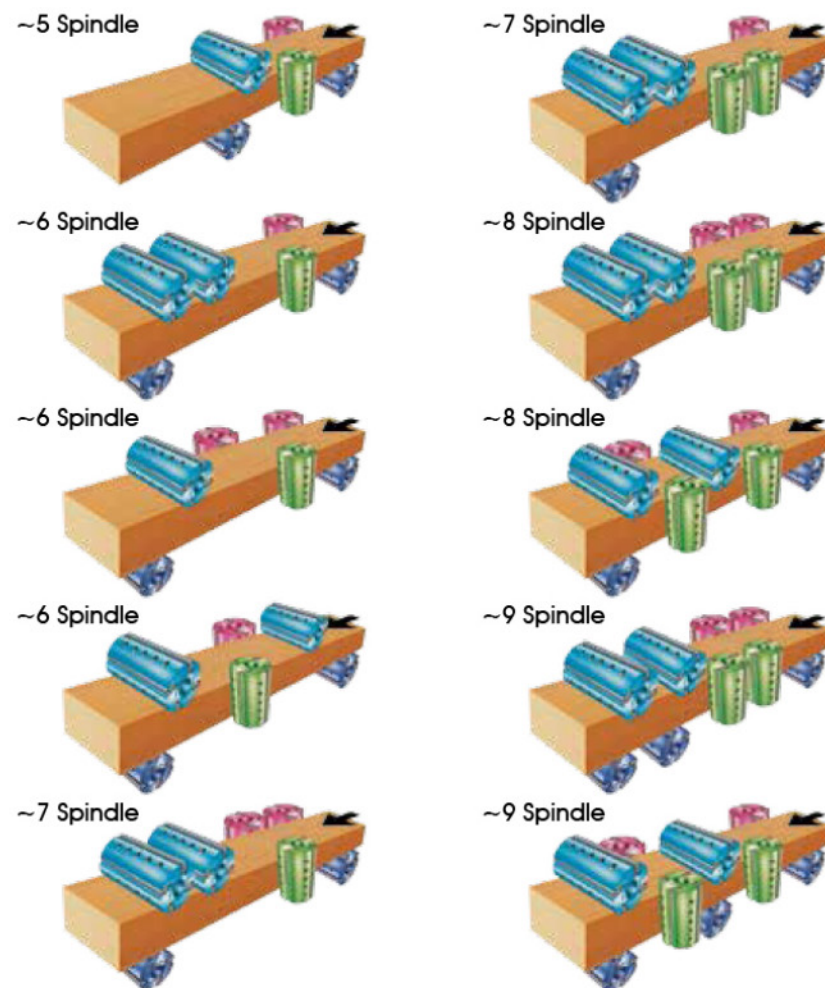
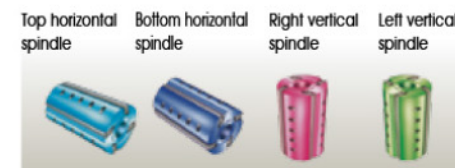


Without jointer device, the timber have clear cutter mark.



Equip jointer device, the timber have no cutter mark under 80 M/min processing.

## SPINDLE ARRANGEMENT FIGURES



**First upper feeding roller**  
The reinforced top feed roller for the first spindle is equipped with special device to eliminate wood jamming problem.



**Jointer Device**  
Jointer device allows the cutter service time to be extended. It also ensures no cutting marks exist on the machining surfaces, while creating extra fine surface finishes.



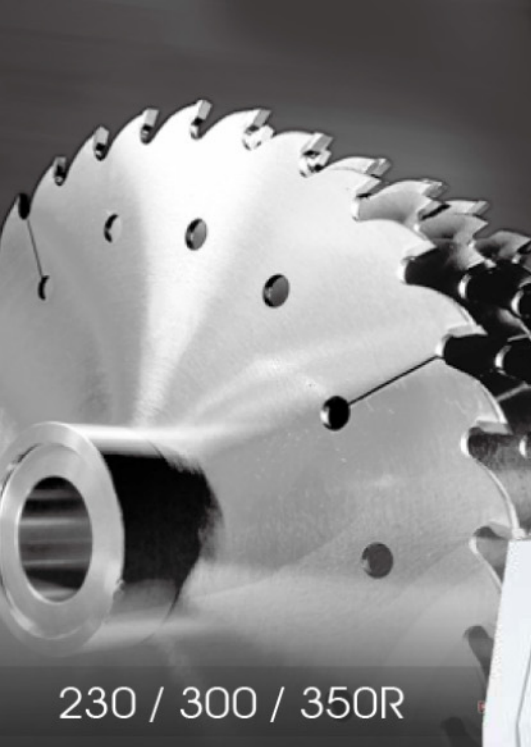
Cross Type Chain Feed Conveyor Tape	AT12	AT23
Feeding width min.~max.	20~230 mm	20~230 mm
Feeding height min.~max.	10~150 mm	10~150 mm
Working length	1,000~5,000 mm	1,500~(Can be customized)
Material waiting area	2 M (Available to adjust according to wood size)	2 M (Available to adjust according to wood size)
Feeding power	7.5 HP	3 HP
Speed of spindle	10~120 M/min	30~140 M/min
Diameter of feed roller	ø200 mm	ø132 mm
Cross type chain feed motor	3 HP	3 HP

MODEL	YLG-230JH
Working width min.~max.	30~230 mm
Working height min.~max.	10~150 mm
Straightening table length (Hard chrome plated)	1.2 M
Spindle power	20 HP/25 HP (30 HP Opt.)
Feeding power	20 HP/25 HP
Speed of spindle	10~120 M/min
Diameter of spindle	40 mm (50 mm Opt.)
Feeding speed	6,000 RPM
Diameter of cutter for 1st bottom spindle	125~180 mm
Diameter of cutter for vertical spindle	150~200 mm
Diameter of cutter for horizontal spindle	150~230 mm
Adjustment range of straightening table	10 mm
Adjustment of vertical spindle	50 mm
Adjustment of horizontal spindle	30 mm
Diameter of feed roller	200 x ø45 mm
Width of feed roller	50 mm
Width of feed roller opposite to left spindle	20 mm (in creased width available)
Width of rubber feed roller	50 mm

- Jointer device
  - Table surface is hard chrome treat
  - Out broad bearing support on horizontal spindle
- ※ Specifications and design features are subject to change without notice.

# Top And Bottom Planer With Multiple Rip Saw

YLG-230R • 300R • 350R

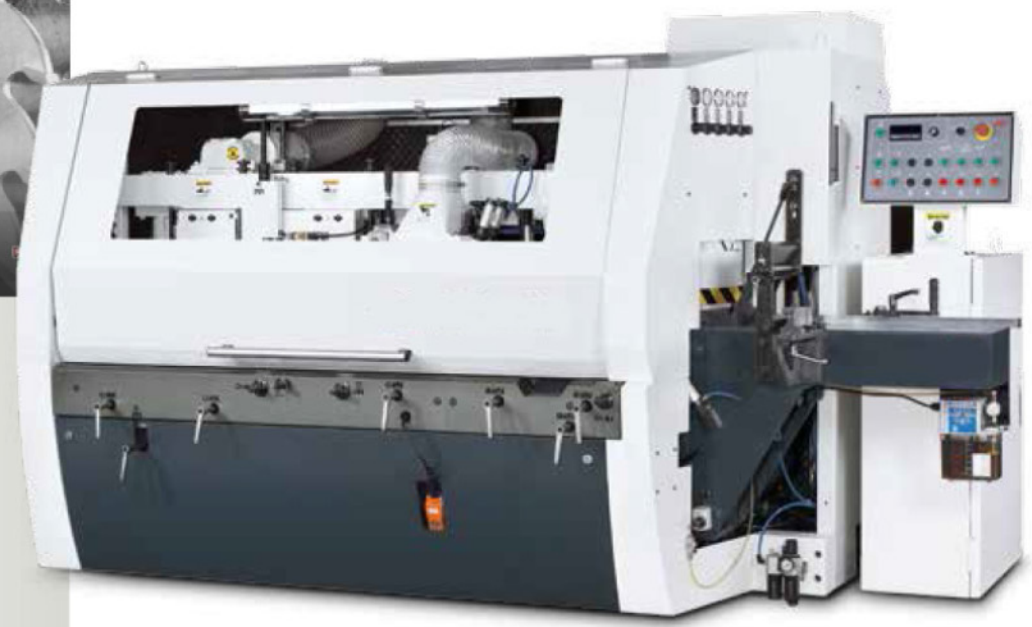


230 / 300 / 350R

The series of machine looks like a 4-side moulder, but it combines double surface planer with multiple rip saw in one. The series will reduce machining processes, while increasing operational convenience. Other benefits are shortening production time and saving time and labor costs.



Powerful upper pressure plate holds wood stably. 4 sets steel feed rollers combined with two sets table rollers provide extra powerful feeding force that assures extremely smooth feed during ripping operation. A trimming sawblade is equipped at the inner side of the saw arbor to trim the inner side of wood. It provides consistent width and thickness of product after ripping. The external end of saw arbor is supported by bearing for added stability of running and accurate size of cut.

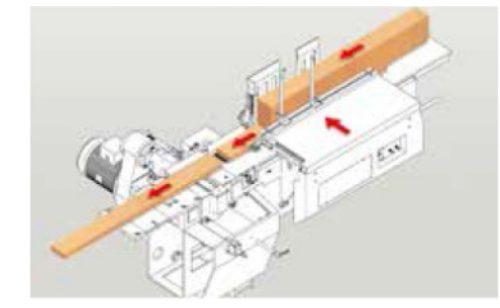


MODEL	YLG-230R	YLG-300R	YLG-350R
Working width min.~max.	230 mm	300 mm	350 mm
Maximum thickness of ripping	75 mm	75 mm	75 mm
Feed table length	1.2 M	1.2 M	1.2 M
1st bottom spindle motor	10 HP	15 HP	15 HP
1st top spindle motor	15 HP	15 HP	20 HP
Sawblade spindle motor	30 HP	40 HP	40 HP
Feeding power	5 HP	7.5 HP	7.5 HP
Elevation motor	1 HP	1 HP	1 HP
Feeding speed	6~36 M/min	6~36 M/min	6~36 M/min
Diameter of spindle	50 mm	50 mm	50 mm
Diameter of rip saw spindle	50 mm	50 mm	50 mm
Speed of 1st bottom horizontal spindle	6,000 RPM	6,000 RPM	6,000 RPM
Speed of 1st top horizontal spindle	6,000 RPM	6,000 RPM	6,000 RPM
Speed of sawblade spindle	3,200 RPM	3,200 RPM	3,200 RPM
Keyway width on sawblade spindle	10 mm x 2	10 mm x 2	10 mm x 2
Diameter of cutter for 1st bottom spindle	125~160 mm	125~160 mm	125~160 mm
Diameter of cutter for 1st top spindle	125~180 mm	125~180 mm	125~180 mm
Maximum diameter of sawblade	φ305 mm	φ305 mm	φ305 mm
Adjustment range of straightening table	10 mm	10 mm	10 mm
Adjustment range of horizontal spindle	30 mm	30 mm	30 mm
Diameter of steel feed roller	140 x φ35 mm	140 x φ35 mm	140 x φ35 mm
Width of steel infeed roller	25 mm	25 mm	25 mm
Width of steel outfeed roller	50 mm	50 mm	50 mm

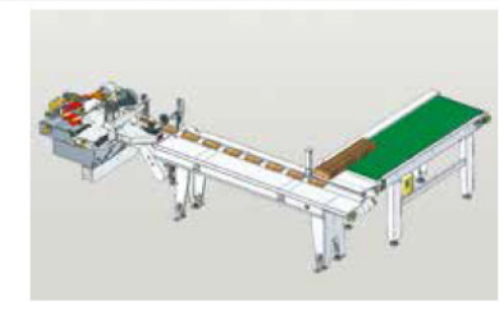
- Hard chrome plated table.
  - Out broad bearing device for horizontal spindle.
  - Anti-kickback device.
  - Multiple Rip Saw Function.
- \* Specifications and design features are subject to change without notice.

## FEEDING DEVICE(OPTION)

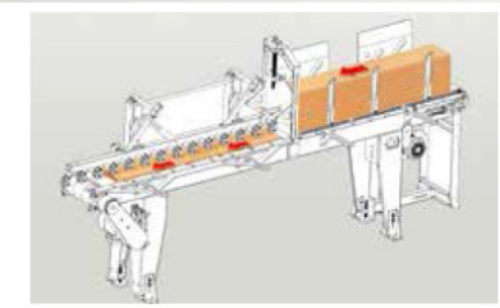
AT01 Automatic Feeding Device



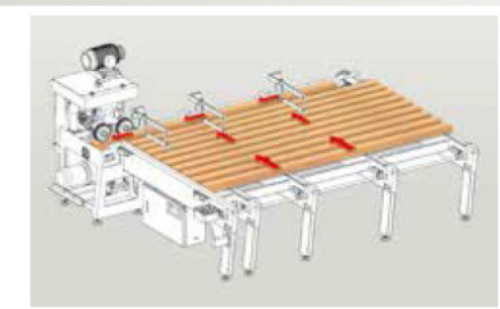
AT21 Turn over conveyor Model



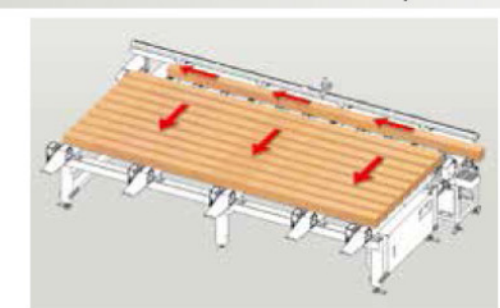
AT07 Vacuum Parquet Feeder



AT12 Cross Type Chain Feed Conveyor Tape



AT23 Lateral Conveyor Outfeed Device



# Computerized Touch Controller (optional)

## Computerized Automatic Spindle Positioning



### PLC Control in Combination With HMI Touch Screen

#### Exhibits User-friendly Operating, (Touch Controller)

- The 10.4" high resolution touch screen.
- Computerized automatic cutter calibration dramatically shortens time of tool calibration.
- Spindle positioning accuracy: 0.01 mm.
- 200 sets of cutter data display.
- 50 sets memory capacity of production modules.
- Far end monitoring functions: Far end machine trouble shooting assistance and far end production module management. (Optional)
- Error message display facilitates trouble shooting.
- Also suitable for small lots flexible production mode.
- Spindle arrangement can be varied according to customer's requirement.



#### Main Menu Display

The main menu display provides 3 operation modes as below:

- For entering into spindle positioning display.
- For entering into production mode display.
- Working light ON/OFF control.



#### Cutter Head Spindle Positioning Display

The operator may select the cutter head spindles to be adjusted through this display.

Fast ! Convenient ! Accurate !



#### Spindle and Infeed Table Positioning Display

- This display allows the operator to set spindle position.
- Spindle positioning accuracy: 0.01 mm.
- In case the entered positioning value is bigger than the rated limit value, the computer will change the value to the allowable maximum value.



#### Cutter Head Spindle Data Display

- This display is a cutter head spindle data bank.
- Display 200 sets of cutter head data.



#### Module Saving Display

- The operator may save cutter head data and finished product sizes through this display.



#### Module Reading Display

- This display shows 50 sets of cutter head data and finished product sizes.



#### All Spindles Positioning Display

- The operator may use this display to perform all spindles positioning simultaneously.



#### Production Mode Display

- This display provides length calculation function, that allows the operator to understand the current production quantity.
- Feed speed is also set on this display.



#### Inching Positioning Display

- The inching positioning display provides inching positioning for each spindle and the upper pressure rollers.



#### Error Message Display

- During operation, if any abnormal motion or trouble occurs, error message will automatically show on this display.
- The error message display enables the operator to understand the cause of error and provides convenience in trouble shooting.



#### Historic Error Message Display

- This display recorded the error conditions that have ever occurred and the trouble shooting times.
- Recording capacity is of up to 50 sets.



# A Brand You Can Rely On... A Machine You Can Trust...



With SHENKO'S broad range of 4-side moulder, you can make sure any part will be produced precisely and fast. No matter how complex it may be. SHENKO'S 4-side moulders are rigorously engineered, built and tested for maximum dependability of operations year after year, that bring you top quality, structural stability and high accuracy. Profitable operation is assured for years. We have outstanding moulding technology experience-a special background that is at your service to help achieve maximum productivity at lower production cost.



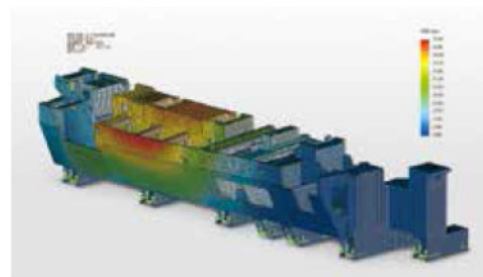
### 6-Machine Frame

The machine frame is welded from rigid thick gauge steel plate, ruggedly constructed and precision machined for superior cutting accuracy and long service life.



### Spindle

The spindle is supported by two pair of bearing to ensure accurate performance under high speed rotation.



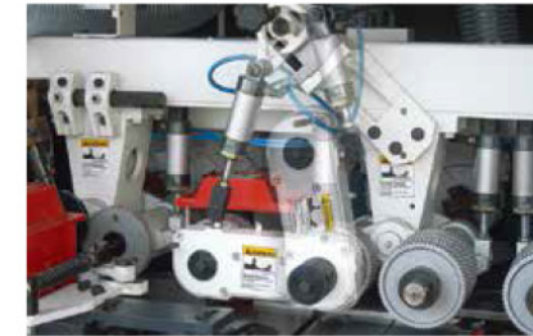
### Deformation Analysis of the Mechanical Structure

The machine structure is subject to finite element analysis, allowing the machine to achieve the optimal stability during running and high quality of machining.



### 1-Centralized Pneumatic Adjustment

Pneumatic adjustment gauges are located in the front of machine, easy to operate.



### 2-Auxiliary Rollers for short Wood

It shortens distance between two feed rollers. The workpiece can be hold firmly against the fence to avoid the workpiece jumping that may affect the quality of product. This device is movable for convenient tool replacement on vertical spindle.



### 3-Feeding System

This machine utilizes worm gear reducer and universal joint shaft to feed the workpiece through smoothly.



### 4-Inverter Controlled Feed System

Feed speed via inverter provide positive feed. This machine allow for adjusting feeding speed according to the actual need. The speed range is 6-36 M/min.



### 5-Control Panel

All of the machine controls are centralized in a control panel. Each push button is clearly identified for easy to operate.



### 7-Out Feed Table

The out feed table can be adjusted for desire chip removal. (Not available for Mouldtec and SKU series)



### 8-Mobile Inching Panel Box

It is convenient for user to take walking around the machine while setting up.



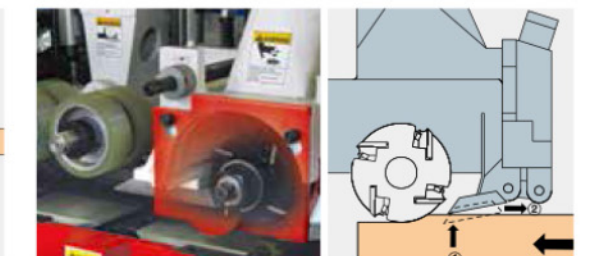
### 9-Digital Indicator

Fast and accurate spindle set up is achieved through the application of digital readout.



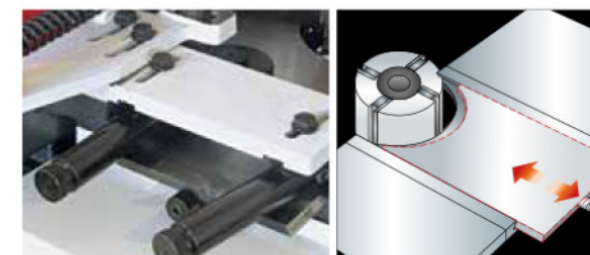
### 10-Driven Table Rollers

Driven table rollers reduce table wear out and guarantee the feed through of workpiece without getting stuck.



### 11-Front And Rear Pressure Device For Upper Spindle

The holding pressure for both plates can be adjusted individually that permitting for firm stock hold down regardless of thickness variation.



### 12-Fill-In-Piece

This part can adjust according to the diameter of tool. It provides support for workpiece while cutting processing and ensure accurate cutting performance.



### 13-Driven Infeed Table Roller

The driven infeed table roller provides maximum smoothness of workpiece feeding for all types of wood material, regardless of highly moisture or extra hard materials.



### 14-Side Pressure Wheel At Infeed Table

The side pressure wheel is equipped at the infeed table. It presses wood firmly to enable the wood moves smoothly along the fence. This assures accurate cutting.

# Optional~

At SHENKO, we blend quality, service, experience and latest technology to ensure that our moulding machines measure up to your rigorous standards. So look into SHENKO, and get the answers you've been looking for.

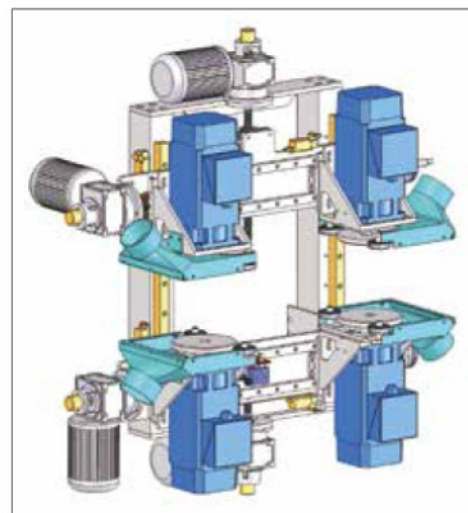


### Safety And Noise Enclosure

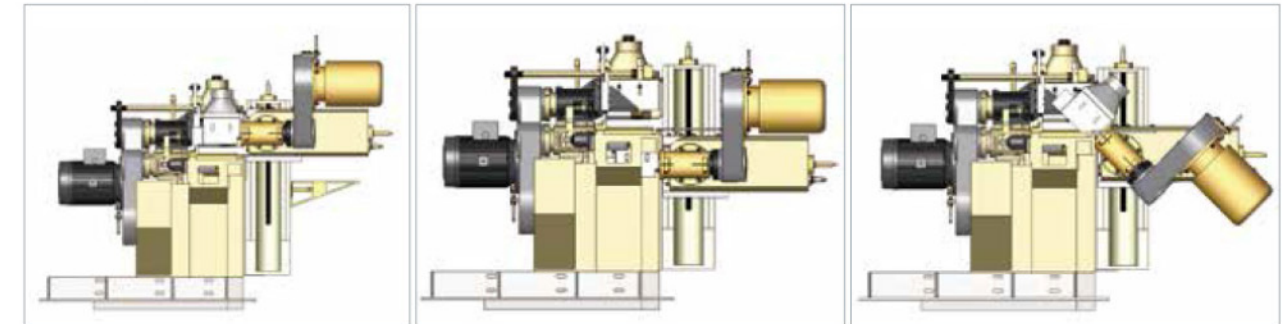
It gives a safety guard for the operator and greatly reduces noise.

### Chamfering Device

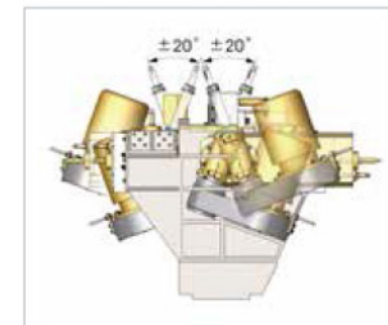
- Be able to make a wood processing chamfer molding at once, don't need another machine chamfering
- Can be chamfer along the bent wood, will not change chamfer angle because of wood bending.
- Optional digital readout adjustment, simple and quick
- Chamfering high-frequency motor with high horsepower, can process a large area
- Gantry slide structure, to stabilize the precision processing



### Universal Spindle



### Angled Vertical Spindle $\pm 20^\circ$



High Speed Spindle (8000 R.P.M.)



### Pneumatic Auxiliary Pressure Wheel

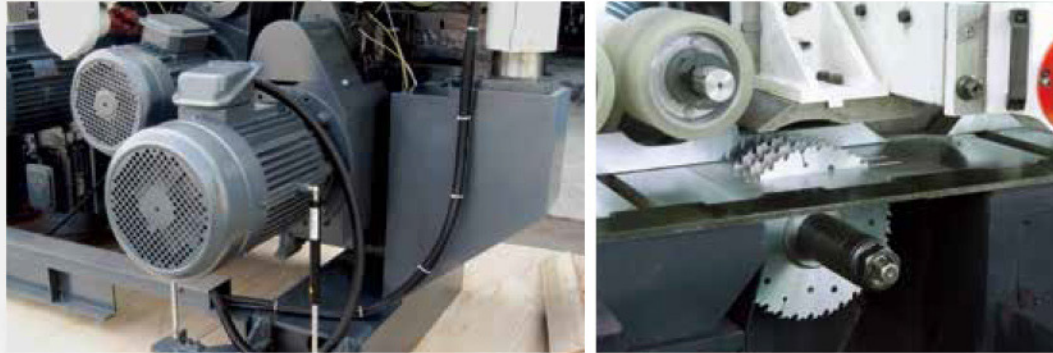
Up request, the machine is available to fit with an auxiliary pressure wheel in front of the vertical spindle for upgrading cutting stability. Eliminating the conventional spring loading, the auxiliary pressure wheel on the machine is specially designed with air cylinder loading.



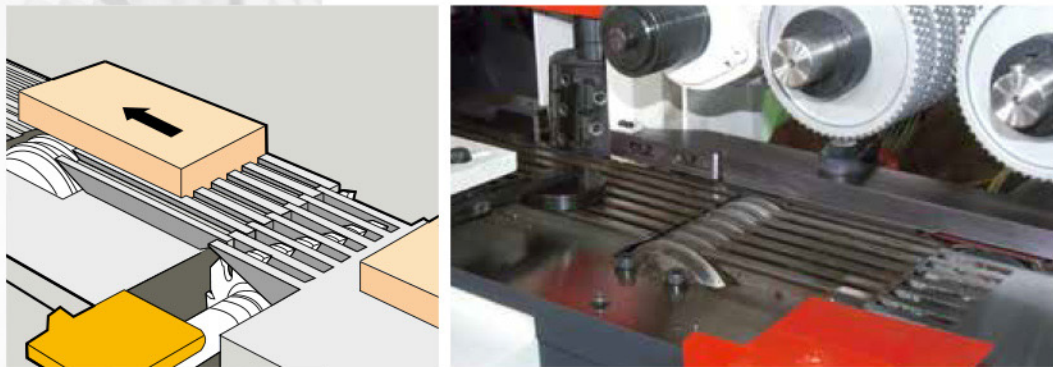
### Digital Readout for Spindle Adjustment

A spindle driven by a large horsepower normally requires effort in adjustment. However with the digital readout control, spindle movement is faster and spindle adjustment is more convenient.

# Optional~



**Multiple Saw Blades (Increased spindle horsepower: 20HP, 30HP, 40HP)**  
The machine can be equipped with multiple sawblades for ripping wood to desired thickness. Maximum working height is 50mm. Applicable maximum sawblade diameter is 255mm.



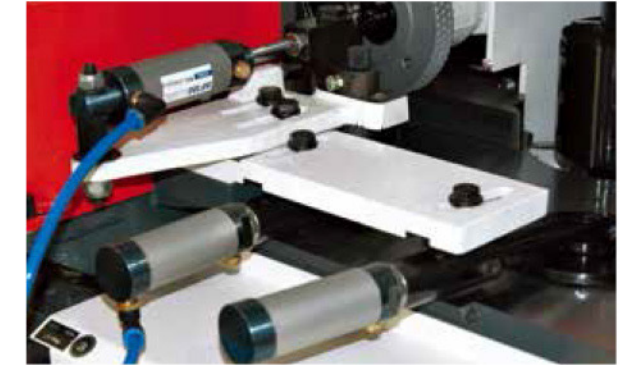
**Groove Guide Table**  
Moulder machine equip with groove guide table can process short timber or twisted timber.



**Double Side Air Loaded Feed Rollers (Incl. External Bearing Support) (Roller Diameter 140mm)**  
Suitable for working width over 400mm, these feed rollers provide stable feeding and more uniform feeding with double side pressure. They are ideal for both planing and sawing operations.

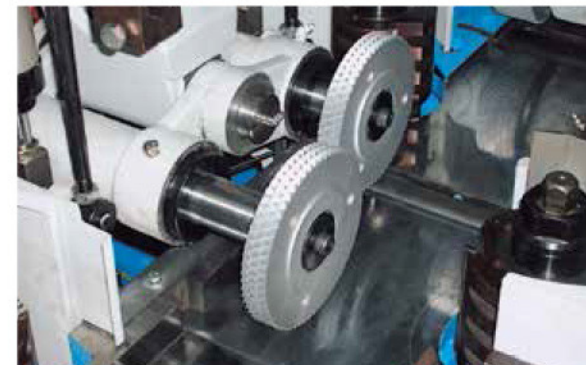


**Air Loaded Pressure Device For Top Spindle**



**Air Loaded Pressure Device At Opposite Side For Right Spindle**

Eliminate the use of conventional spring load; the pressure device for top/right spindle is loaded by air system. This feature not only provides high pressure, but also allows for flexible adjustment of pressure. No elastic fatigue occurs. The air loaded pressure device makes the machine ideal for high speed cutting operations.



**Telescopic Feed Roller**

The feed rollers opposite left spindle are adjustable according to the width of the workpiece. This device suits for the wood flooring manufacturer and picture frame manufacturer.



**Automatic Lubricator**

Unlike inconvenient lubrication on a hand lubricator, this automatic lubricator allows for setting lubrication times, oil flow and lubrication frequency. It upgrades the convenience of machine operation and maintenance.



**Anti-Kickback Device**

This device provides a safety guard for operator. When performing slicing operation, sometimes the wood cannot pressed smoothly on the table due to irregular shape or too much bending. This may cause wood kickback to the operator's side when it touches the sawblade. The antikickback device is used for stopping the flying wood, and prevents the operator from damaging.