



**GAU JING MACHINERY INDUSTRIAL CO., LTD.**

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- Rugged Construction.
- Feed Speed Up To 36, 60, 80, 120M/min.
- Heavy Duty Machining.
- For Mass Production.

**GA**  
series

Smooth Performance in Action  
4 Side Planer & Moulder



Product Service



# GA SERIES

An exceptional design with molding performance. That's the mark of the GA series. A moulder to help your business stay competitive in the fast-changing woodworking market. GA series is designed for heavy-duty and high-precision performance for small and mass production.

The GA series offers feed speeds from 36M/min up to 120M/min to meet various wood applications. The spindle provides outstanding surface performance with two pairs of precision bearings at the front and rear and precise dynamic balanced. With straight and profile jointing technology, the perfect surface quality is created. We provide customized spindle arrangements to make your needs more flexible.

## FEATURES

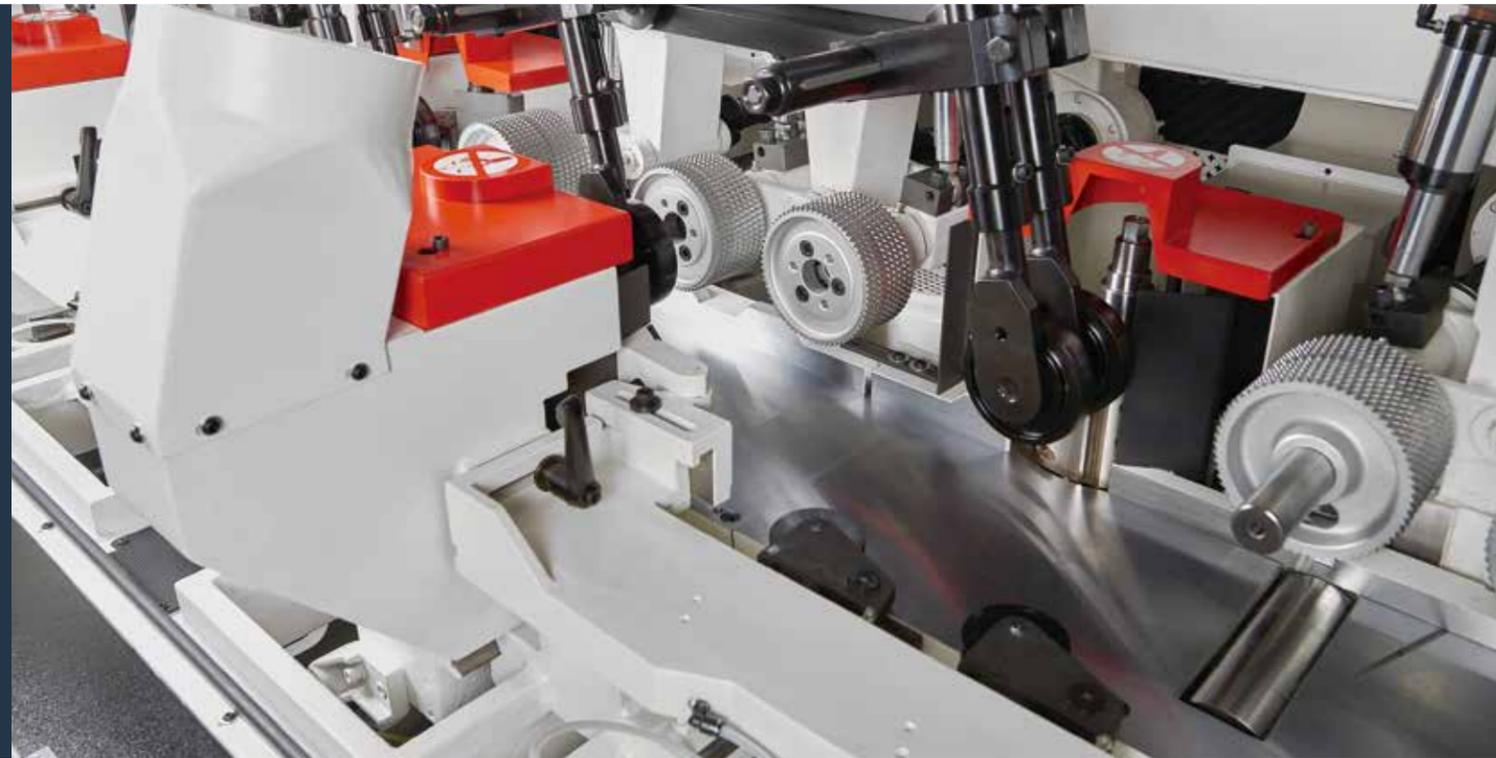
- Feed speed as standard 36m/min. optional feed speed up to 120m/min.
- The cast iron machine frame provides excellent rigidity and improves finish quality.
- Friendly-use control panel.
- All surface tables, guide fence, and chip breaker plates are hard chromed and heat treated to hardness RC70°.
- Automatic table lubrication for smooth feeding effect.
- The spindles are equipped with mechanical digital counters for fast position adjustment and high efficiency.
- Pneumatic pressure rollers and powered table rollers guide the wood pieces smoothly and safely. Over 5 sets of powered table rollers ensure outstanding feed performance.
- The centralized greasing system ensures spindle bearings and slides are maintained more efficiently and reduce machine downtime
- The auxiliary feeding rollers before vertical spindles can be easily raised for quick tool change. The auxiliary feeding roller provides smooth feeding for short wood pieces.





### CENTRALIZED PRESSURE REGULATION

- All pressure adjustment for the entire pneumatic system, hold down rollers, table rollers, spindle breaks, and side rollers are located at the front of the machine for added convenience.
- Individual pressure adjustments ensure stability and consistent pressure on any profile



### PNEUMATIC SIDE PRESSURE ROLLERS BEFORE LEFT SPINDLE

The side pressure roller before the left vertical spindle with pneumatic cylinders provides stable wood pieces support. It eliminates unsmooth problems when feeding short or narrow material.



### VERTICAL SPINDLE ADJUSTMENT UP TO 60MM

It allows installing different cutterheads on the vertical spindle and eliminating troublesome cutter change. The 60mm spindle adjustment provides full utilization for a single cutter.



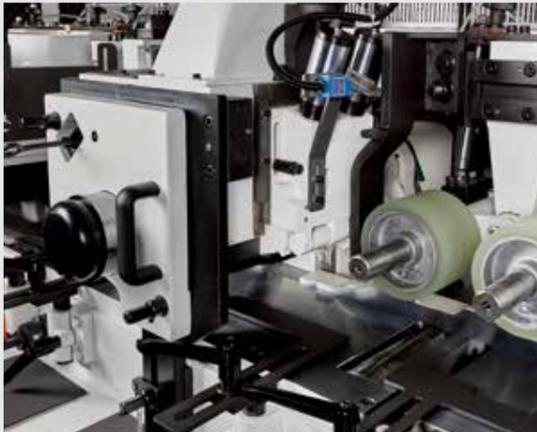
### CONVENIENT SPINDLE ADJUSTMENT

The spindle adjustment shaft at the front of the machine offers convenient and safe adjustment. Each spindle is provided with a mechanical digital counter and gives accurate adjustment.



### POWERED INFEED TABLE ROLLER

The powered table roller at infeed provides a smooth feeding performance for wood pieces.



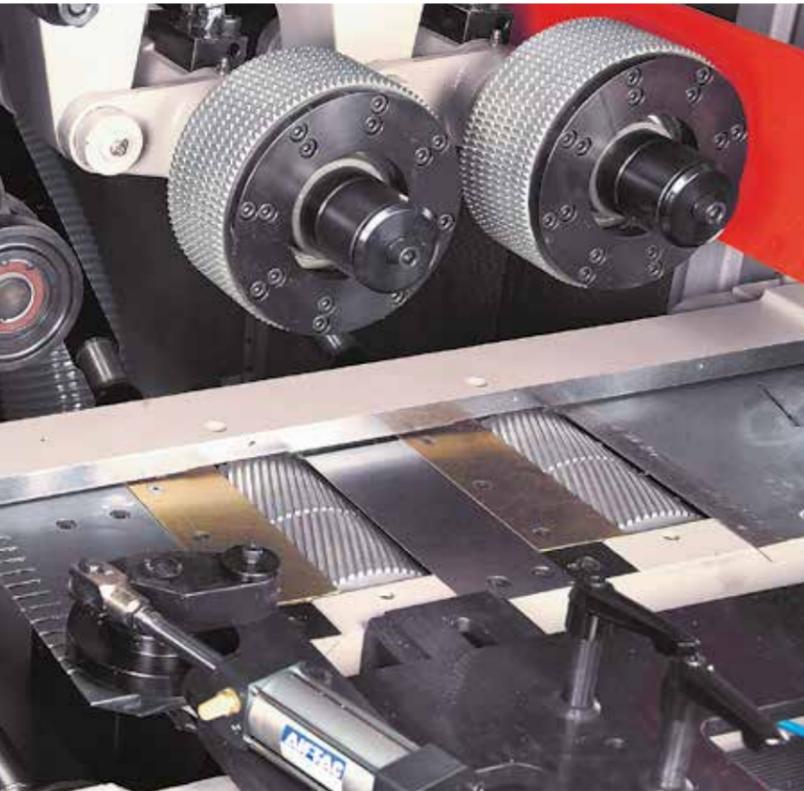
### **PNEUMATIC CHIP BREAKER AND PRESSURE BOARD**

The pneumatic chip breaker and pressure board provide firm support on wood pieces to ensure an outstanding cutting performance during high-speed feeding. The chip breaker and pressure board are adjustable.



### **HYDRAULIC OUTBOARD BEARING SUPPORT ON HORIZONTAL SPINDLE (OPTIONAL)**

Hydraulic outboard bearing support on the top and bottom spindles assures maximum stability during high-speed cutting.



**800MM INFEED TABLE (OPTIONAL)**

800 mm short infeed table with cluth type rollers provides stable high speed feeding performance.



**UNIVERSAL SPINDLE (OPTIONAL)**

The universal spindle can be tilted for complicated moulding profiles. Powered universal spindle horizontal elevation provides quick set-ups.



**PROFILE JOINTER (OPTIONAL)**

The automatic remote control profile jointer operated directly on the moulder provides all knives with an identical cutting circle. It assures repetitive profile accuracy and excellent surface finish.



**STRAIGHT JOINTER (OPTIONAL)**

- The straight jointer is controlled by manual. Easy to operate and provide best quality of product.
- The jointing stone indexes automatically, for operator convenience.



**SAWING UNIT AT LAST BOTTOM (OPTIONAL)**

- Sawing blade  $\Phi 305\text{mm} \sim \Phi 455\text{mm}$



**ANTI-KICKBACK DEVICE (OPTIONAL)**

Anti-kickback device at infeed.



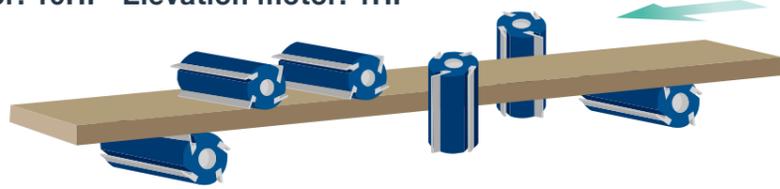
**ATS SYSTEM (OPTIONAL)**

- 15" HMI (200 memory sets)
- Servo motor positioning
- Feed speed controlled by inverter
- Easy to use control panel
- Width / thickness quickly set up
- Tools management

## SPINDLE ARRANGEMENT

### ◆ GA-623

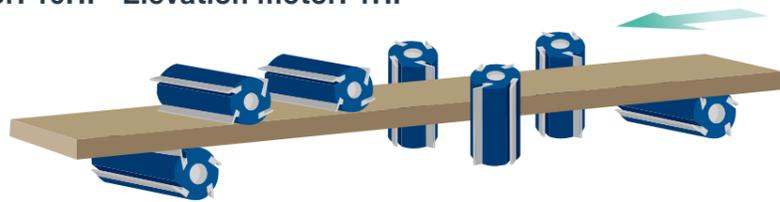
Feeding motor: 10HP Elevation motor: 1HP



Bottom(15HP) ← Top(10HP) ← Top(15HP) ← Left(10HP) ← Right(10HP) ← Bottom(10HP)

### ◆ GA-723

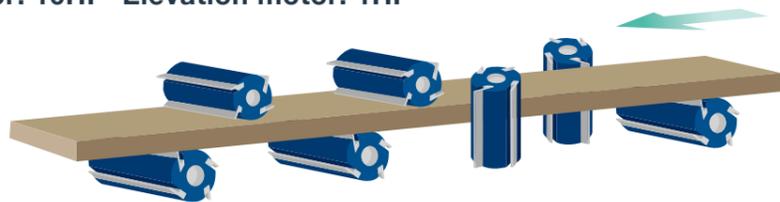
Feeding motor: 10HP Elevation motor: 1HP



Bottom(15HP) ← Top(10HP) ← Top(15HP) ← Right(10HP) ← Left(10HP) ← Right(10HP) ← Bottom(10HP)

### ◆ GA-723A

Feeding motor: 10HP Elevation motor: 1HP



Bottom(15HP) ← Top(10HP) ← Bottom(10HP) ← Top(15HP) ← Left(10HP) ← Right(10HP) ← Bottom(10HP)

### ◆ GA-823

Feeding motor: 15HP Elevation motor: 1.5HP



Bottom(15HP) ← Top(10HP) ← Top(15HP) ← Left(10HP) ← Right(10HP) ← Left(10HP) ← Right(10HP) ← Bottom(10HP)

### ◆ GA-923

Feeding motor: 15HP Elevation motor: 1.5HP



Bottom(15HP) ← Top(10HP) ← Bottom(10HP) ← Top(15HP) ← Left(10HP) ← Right(10HP) ← Left(10HP) ← Right(10HP) ← Bottom(10HP)

## GA SERIES

MODEL	GA-623	GA-723	GA-723A	GA-823	GA-923
<b>CAPACITY</b>					
Planing width	10-230MM	10-230MM	10-230MM	10-230MM	10-230MM
Planing thickness	7-160MM	7-160MM	7-160MM	7-160MM	7-160MM
Feeding speed (Inverter)	6-40M/MIN	6-40M/MIN	6-40M/MIN	6-40M/MIN	6-40M/MIN
Min. working length	230MM	230MM	230MM	230MM	230MM
<b>SPINDLE</b>					
Spindle speed	6000RPM	6000RPM	6000RPM	6000RPM	6000RPM
Spindle diameter	Φ40/Φ50MM	Φ40/Φ50MM	Φ40/Φ50MM	Φ40/Φ50MM	Φ40/Φ50MM
Vertical spindle adjustment (axial)	60MM	60MM	60MM	60MM	60MM
Horizontal spindle adjustment (axial)	35MM	35MM	35MM	35MM	35MM
<b>CUTTER DIAMETER</b>					
1st bottom spindle	Φ110-180MM	Φ110-180MM	Φ110-180MM	Φ110-180MM	Φ110-180MM
Vertical spindle	Φ110-250MM	Φ110-250MM	Φ110-250MM	Φ110-250MM	Φ110-250MM
Top spindle	Φ110-250MM	Φ110-250MM	Φ110-250MM	Φ110-250MM	Φ110-250MM
Last bottom spindle	Φ110-305MM	Φ110-305MM	Φ110-305MM	Φ110-305MM	Φ110-305MM
<b>MOTOR</b>					
1st bottom spindle	10HP	10HP	10HP	10HP	10HP
Vertical spindle	10HP	10HP	10HP	10HP	10HP
1st top spindle	15HP	15HP	15HP	15HP	15HP
2nd top spindle	10HP	10HP	10HP	10HP	10HP
Last bottom spindle	15HP	15HP	15HP	15HP	15HP
Feeding motor (Inverter)	10HP	10HP	10HP	15HP	15HP
Elevation motor	1HP	1HP	1HP	1.5HP	1.5HP
<b>OTHERS</b>					
Table adjustment	12MM	12MM	12MM	12MM	12MM
Infeed table length	1800MM	1800MM	1800MM	1800MM	1800MM
Machine dimensions (LxWxH)	5660x2010x1890MM	6210x2010x1890MM	5660x2010x1890MM	6600x2010x1890MM	6600x2010x1890MM
Packing dimensions (LxWxH)	5900x2180x2050MM	6400x2180x2050MM	5900x2180x2050MM	6900x2180x2050MM	6900x2180x2050MM
Net weight	6800KGS	7500KGS	7200KGS	8200KGS	8800KGS
Gross weight	7600KGS	8400KGS	8000KGS	9200KGS	9800KGS

\*SPECIFICATIONS AND DESIGN CHARACTERISTICS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

#### OPTIONAL EQUIPMENTS:

- Digital Positioning control
- Groove guide table
- CE certification
- Spindle diameter 50mm, 1-13/16", 2-1/8"
- Spindle speed 7200/8000 RPM
- ATS system
- Extend infeed table length
- Universal spindle
- Feed speed 6-60M/MIN, 8-80M/MIN, 10-100M/MIN, 12-120M/MIN, 15-150M/MIN
- Spindle HP, Feeding HP motors can be increased
- Pneumatic infeed upper pressure roller, Pneumatic infeed side pressure roller
- Pneumatic pressure board in front of top spindle
- Hydraulic outboard bearing support in horizontal spindle
- Straight jointer
- Profile jointer
- Mobile control panel
- Electric cabinet separate from machine body