

GAU JING

Smooth Performance in Action

4 SIDE PLANER & MOULDER

GLseries

All New GL Series From GAU JING

- *Extra wide cutting capacity.*
- *Maximum convenience of set up.*
- *Heavy duty quality level.*



GAU JING

GL SERIES

IT'S YOUR COMPETITIVE EDGE TO HIGHER PROFITS

The NEW GL series 4 side moulders from Gau Jing are here. A complete line of quality-proven moulders with Gau Jing's advanced design concept. Now you have moulders that can handle the toughest moulding jobs with ease.

The GL series moulders are everything you've been looking for in extra heavy cutting, extra wide cutting, and high productivity. For instance, the GL series makes it easy for moulding beams of a wooden house. Its rugged and precision construction throughout fully eliminates vibration and yields finish surface quality part after part.

The dynamically balanced spindle is hydraulically supported at end, which means maximum stability during cutting is guaranteed. With the optional straight knife and profiled knife jointing devices combined with computerized automatic position control, you can greatly upgrade operation convenience and cutting stability. Another optional 60 or 80 m/min high speed feed allows you to achieve higher production output. Air loaded pressure rollers with multiple-stage control ensure consistent pressure throughout the entire feed system. For heavy duty cutting problems, the Gau Jing GL series always provides the best solutions.

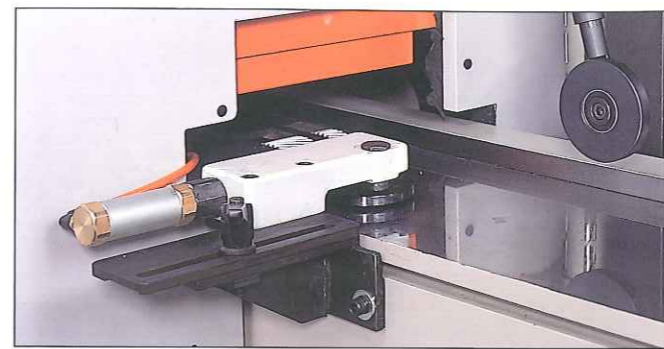


GL-SERIES

EXTRA BIG CAPACITY

Designed for

- Heavy Duty Cutting
- Extra Wide Cutting
- High Productivity

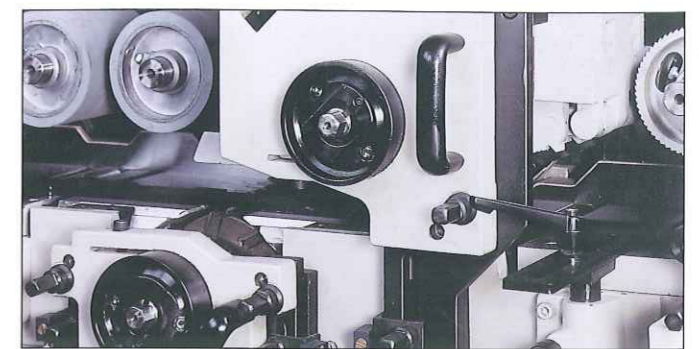


AIR LOADED INFEEED SIDE PRESSURE

- While high speed feeding, the side pressure on infeed table ensures every timber close to the fence even under different width. It's convenient to adjust.

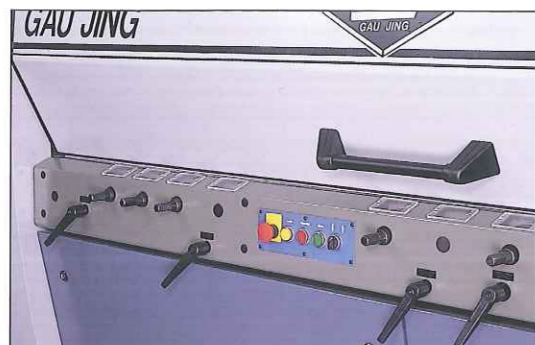
OVER HEIGHT PROTECTION

- In case workpiece exceeds the rated maximum height, it will be restricted by the over height protection device provided at the workpiece infeed end.



HYDRAULIC SUPPORT ON TOP AND BOTTOM SPINDLE

- Specially designed hydraulic supports on the top and bottom spindles assure maximum stability while performing high speed and heavy duty machining.



CONVENIENT SPINDLE ADJUSTMENT

- All control levers for the spindles are located at the front of the machine for convenient adjustment. Each spindle is provided with a mechanical digital readout, giving accurate adjustment.



AIR LOADED SIDE PRESSURE WHEELS

- The front side pressure wheel on left vertical spindle fully eliminates unsmooth problem when feeding short or narrow stock. The pressure plate is easy to adjust.



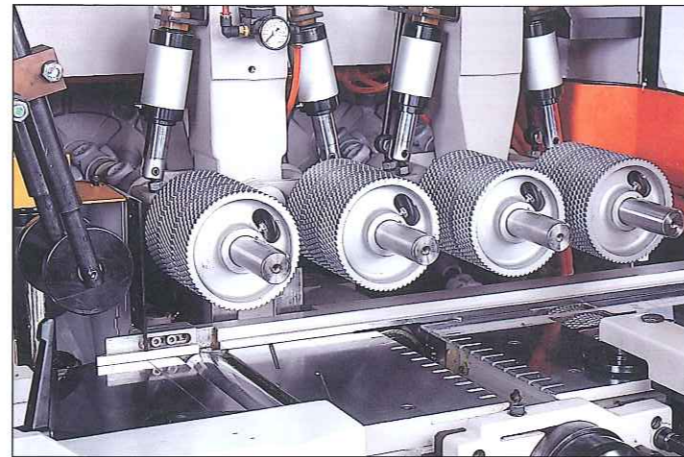
AIR LOADED FRONT PRESSURE PLATE

- The front pressure plate for top spindle is available to apply an air loading device ensuring maximum stability while performing high speed cutting.



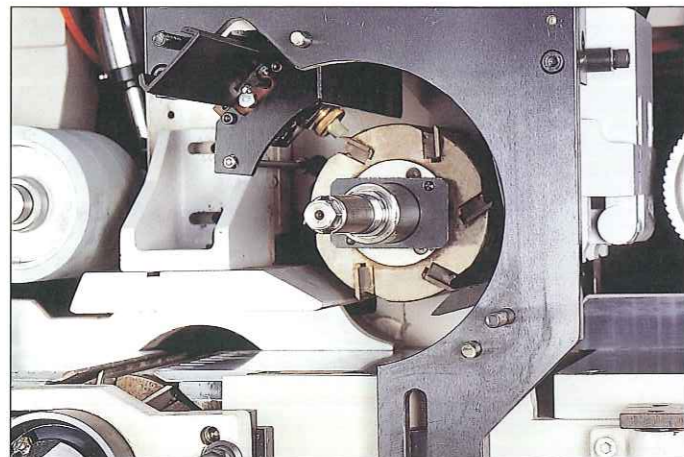
CENTRALIZED LUBRICATION

- The spindles are lubricated by the centralized lubrication system for convenience.



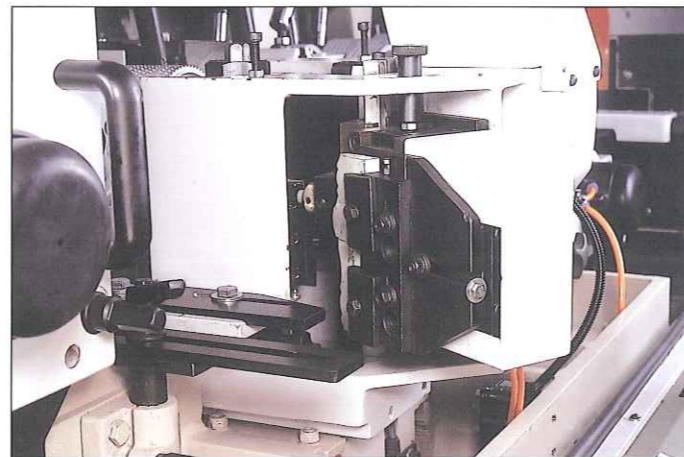
POWER INFEEED TABLE ROLLER

- The roller in the infeed table is powered, providing a smooth feeding effect for feed stock.



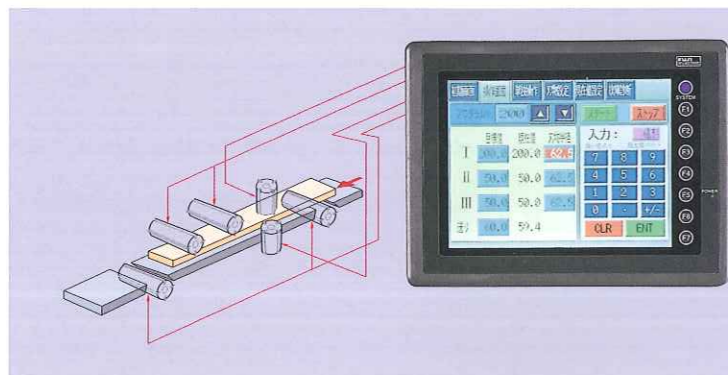
STRAIGHT KNIFE JOINTER (OPTIONAL)

- The straight knife jointer is controlled by manual. Easy to operate and best quality of product.
- Automatic feed of jointing stone gives quick and accurate knife jointing operation.



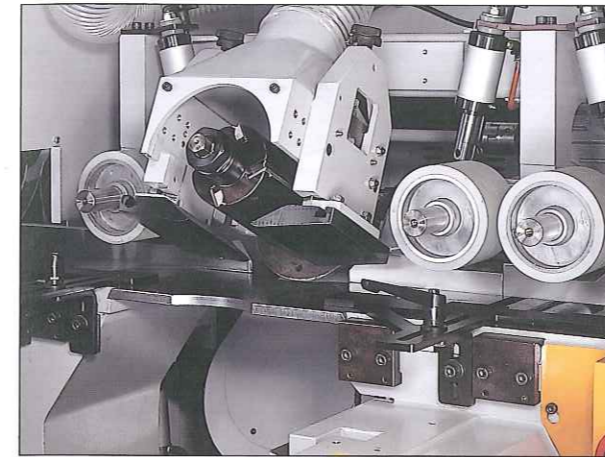
KNIFE PRORFILE JOINTER (OPTIONAL)

- The fully automatic knife profile jointer is controlled remotely for convenient knife jointing operation.
- The knife profile jointing is performed directly on the moulder for consistent cutting circle for all knives. It assures repetitive profile accuracy and superior surface effect.
- The jointing stone feed is pneumatically operated.



ATS SYSTEM (OPTIONAL)

- The ATS system employs a PLC control combined with touch sensing screen for maximum operation convenience.
- The control system provides 200 sets memory capacity.



UNIVERSAL SPINDLE (OPTIONAL)

- This spindle can be tilted for complicated cutting jobs.



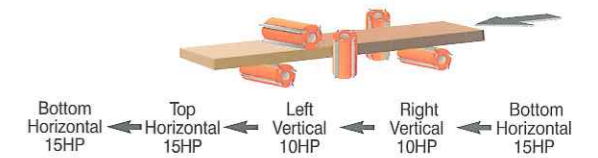
SPINDLE DIGITAL POSITIONING CONTROLLER (OPTIONAL)

- Available to equip for controlling any spindle as requested.
- The digital positioning controller permits fast, convenient and high accuracy spindle positioning.

SPINDLE ARRANGEMENT

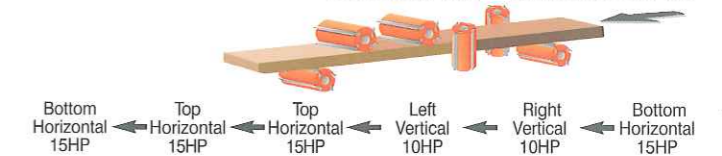
5-Spindle GL-530

Feed motor: 10HP Elevation motor: 1HP



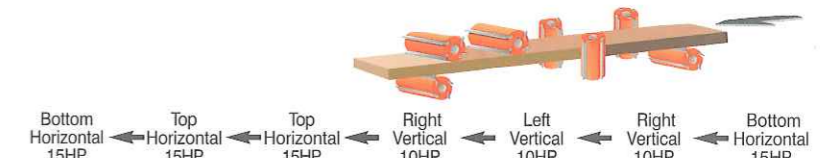
6-Spindle GL-630

Feed motor: 10HP Elevation motor: 1HP



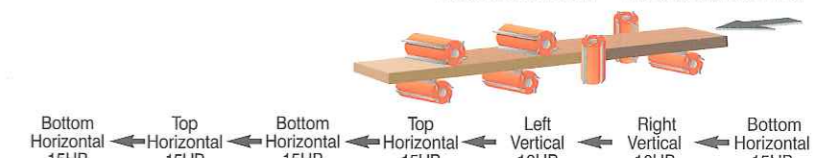
7-Spindle GL-730

Feed motor: 10HP Elevation motor: 1HP



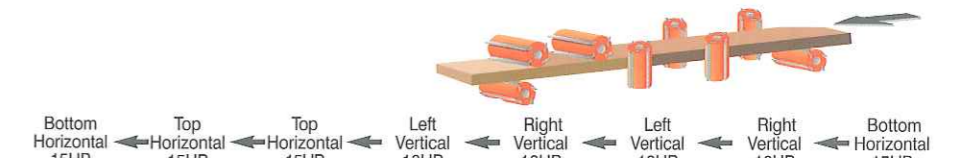
7-Spindle GL-730A

Feed motor: 10HP Elevation motor: 1HP



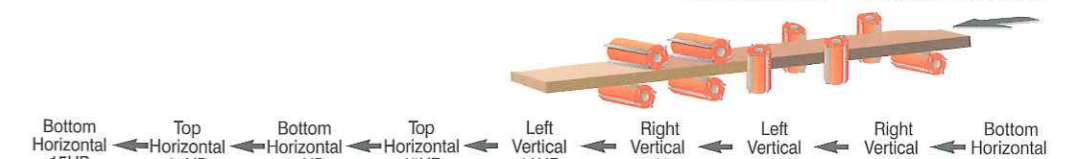
8-Spindle GL-830

Feed motor: 15HP Elevation motor: 1HP



9-Spindle GL-930

Feed motor: 15HP Elevation motor: 1HP



MODEL		GL-630	GL-730	GL-730A	GL-830	GL-930
Capacity	Planing width	10-300mm	10-300mm	10-300mm	10-300mm	10-300mm
	Planing thickness	7-160mm	7-160mm	7-160mm	7-160mm	7-160mm
	Feeding speed. Inverter control	6-36m/min	6-36m/min	6-36m/min	6-36m/min	6-36m/min
	Min length of cut	230mm	230mm	230mm	230mm	230mm
Spindle	Spindle speed	6000rpm	6000rpm	6000rpm	6000rpm	6000rpm
	Spindle diameter	ø50mm	ø50mm	ø50mm	ø50mm	ø50mm
	Adjustment of vertical spindle	60mm	60mm	60mm	60mm	60mm
	Adjustment of horizontal spindle	20mm	20mm	20mm	20mm	20mm
Cutter Diameter	Tool cutting circle, 1 st Bottom spindle, min. to max.	ø125-160mm	ø125-160mm	ø125-160mm	ø125-160mm	ø125-160mm
	Tool cutting circle, vertical spindles, min. to max.	ø100-200mm	ø100-200mm	ø100-200mm	ø100-200mm	ø100-200mm
	Tool cutting circle, horizontal spindles, min. to max.	ø100-200mm	ø100-200mm	ø100-200mm	ø100-200mm	ø100-200mm
	Tool cutting circle, last bottom spindle, min. to max.	ø100-250mm	ø100-250mm	ø100-250mm	ø100-250mm	ø100-250mm
Motor Horsepower	Spindle motor	10HP,15HP	10HP,15HP	10HP,15HP	10HP,15HP	10HP,15HP
	Feeding motor. Inverter	10HP	10HP	10HP	15HP	15HP
Others	Table adjustment	12mm	12mm	12mm	12mm	12mm
	Infeed table length	1800mm	1800mm	1800mm	1800mm	1800mm
	Feed roller diameter	ø140mm	ø140mm	ø140mm	ø140mm	ø140mm
	Feed roller width	3x50mm	3x50mm	3x50mm	3x50mm	3x50mm
	Machine dimension (LxWxH)mm	5400x2000x1800	5800x2000x1800	5400x2000x1800	6100x2000x1800	6100x2000x1800
	Packing dimension (LxWxH)mm	5200x2170x2120	5600x2170x2120	5200x2170x2120	5900x2170x2120	5900x2170x2120
	Net Weight	6600kgs	7300kgs	7000kgs	7900kgs	8500kgs
Gross Weight	7400kgs	8100kgs	7800kgs	8800kgs	9400kgs	

■ Specifications and design characteristics are subject to change without prior notice.

OPTIONAL EQUIPMENTS:

- Automatic feeding magazine.
- Digital position controller.
- Groove guide table.
- CE regulation.
- Spindle diameter 40mm, 1 13/16, 2 1/8".
- ATS system.
- Extend infeed worktable length.
- Universal spindle.
- Feed speed 6-60m/min(15-30HP).
- Feed speed 8-80m/min(25-40HP).
- Spindle motor increase(15-40HP).
- Infeed upper pressure roller with air pressure,
- Straight jointer
- Profile jointer



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