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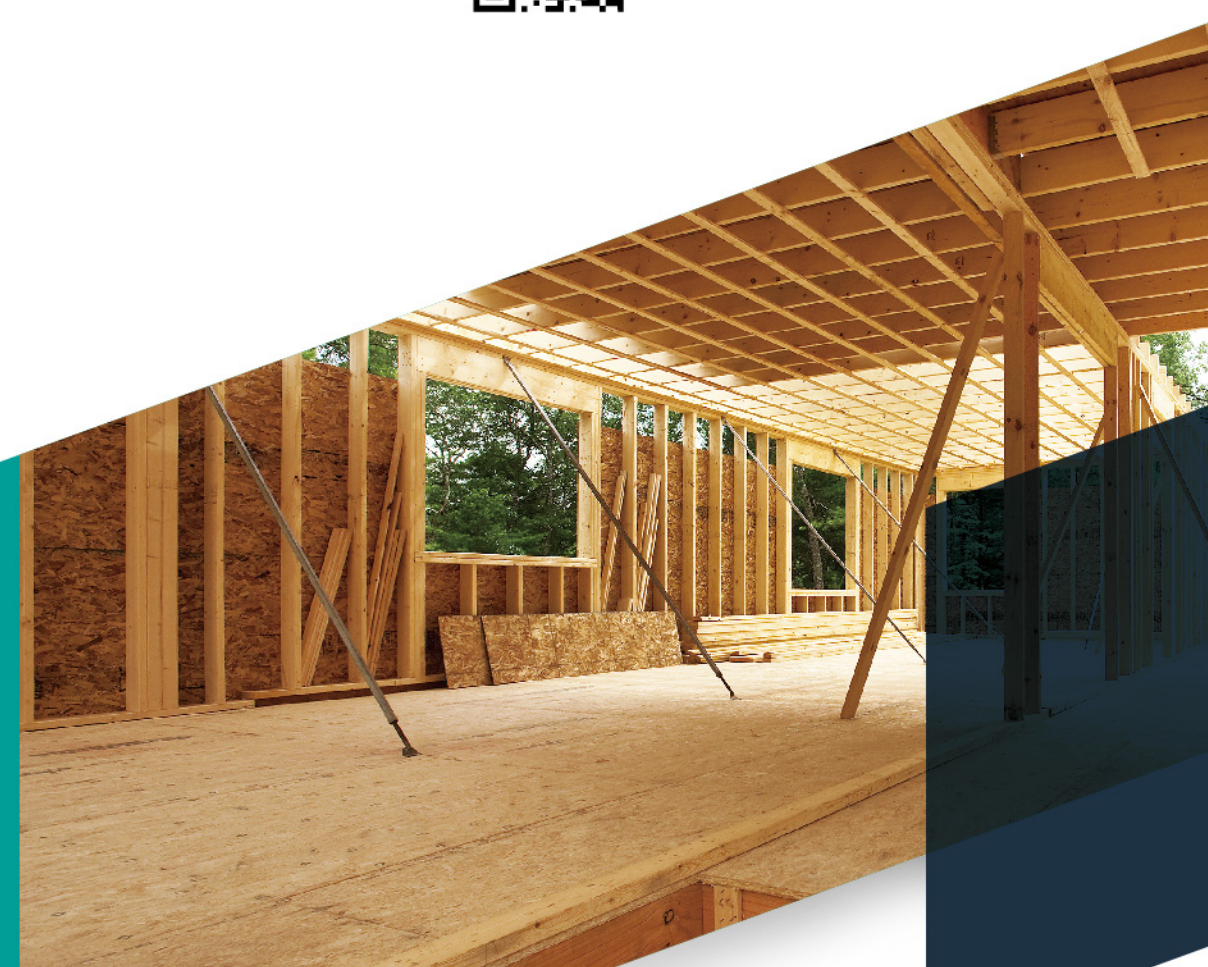
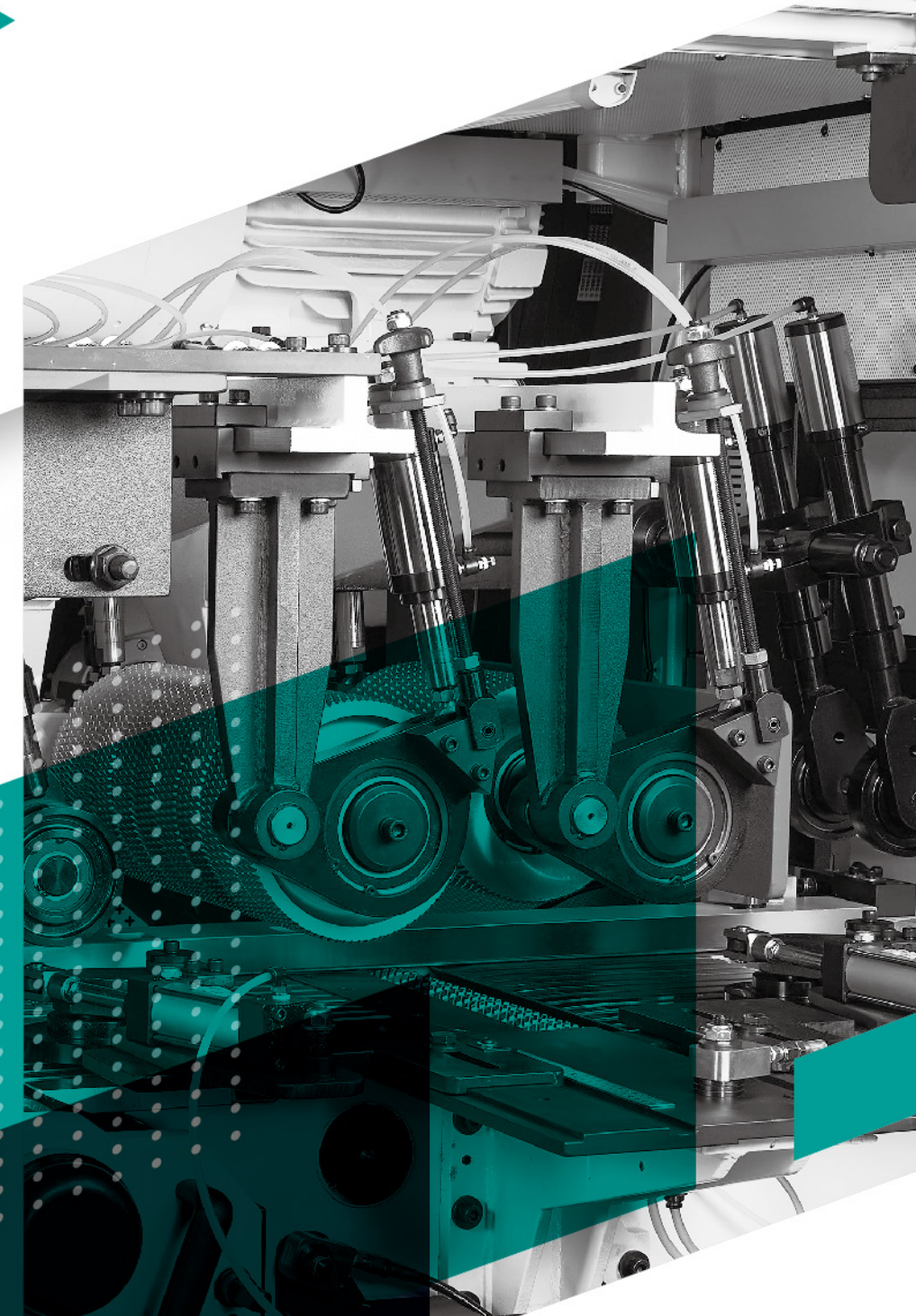
- Extra Wide Cutting Capacity
- Maximum Convenience of Set Up.
- Heavy Duty Quality Level.

GL-45 series

Smooth Performance in Action
4 Side Planer & Moulder



Product Service



GL-45 SERIES

GAU JING's newest developments with heavy-duty and wide planing moulder - the GL-45 series, just launched! Now you have moulders that can handle the toughest working jobs without a doubt.

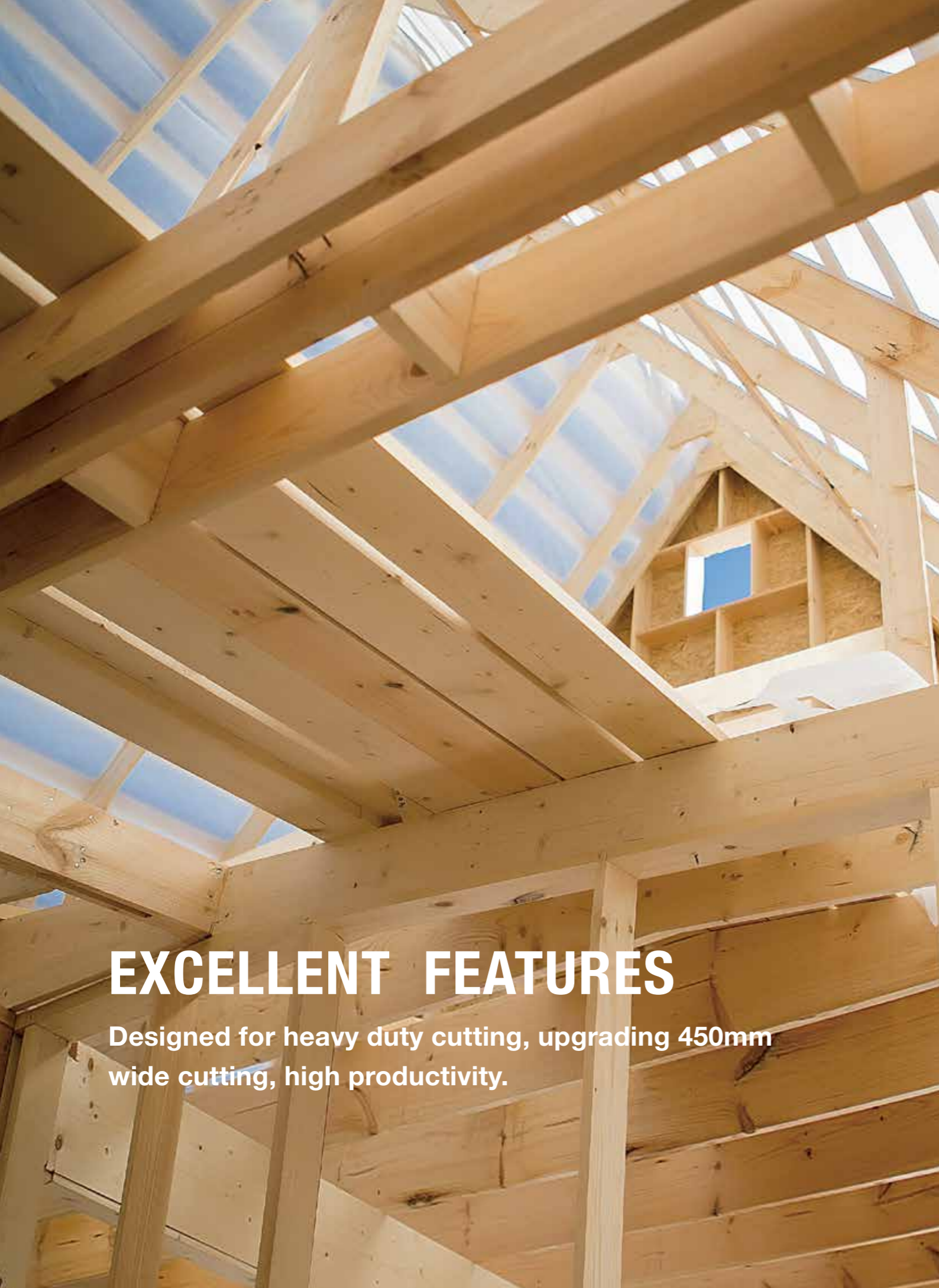
The **GL-45 series** moulder is designed to meet your expectations on heavy duty cutting, upgrading 450mm wide cutting and high productivity. This moulder makes it easy for working on construction applications such as beams, pillars, and wide boards.

EASY FOR WORKING

The powerful rigid structure of the machine with high speed accurate spindles and 450mm wide feeding rollers with hydraulic outboard bearing support, ensures maximum stability during cutting. With optional straight knife jointer and profile knife jointer devices combined with ATS system automatic position controller to help you increase production capacity and cutting stability.

Spindle arrangement from 4 to 8 spindles cooperate with feeding speed from 40m/min, 60m/min, 80m/min, 100m/min up to 120m/min to meet various working applications.





EXCELLENT FEATURES

Designed for heavy duty cutting, upgrading 450mm wide cutting, high productivity.

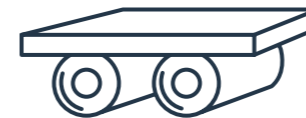


Powerful pneumatic pressure rollers on first bottom spindle assure outstanding feeding on large wood piece.



OUTBOARD BEARING SUPPORT FOR FEED ROLLERS

provides 450MM wide feeding rollers the most stability.



POWERFUL TABLE ROLLERS

with ø140mm wide table rollers ensure the high steady feeding.



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

PNEUMATIC PRESSURE ROLLERS

pneumatic side pressure rollers and pressure rollers from above before vertical spindle provide the smooth feeding of workpiece and precise both side finish.



RIGHT AND LEFT SPINDLES OPPOSITE DIRECTLY

is designed to process curved workpiece, providing perfect side finish and reducing material waste.

(OPTIONAL)



OUTFEED CHAMFERING FUNCTION, ROLLER TYPE

4 chamfering rollers are equipped at the end outfeed. The chamfering unit chamfers 4 corners of the woodpieces by rollers.

(OPTIONAL)



GL-45



OUTBOARD BEARING SUPPORT/ PNEUMATIC PRESSURE BOARD BEFORE TOP SPINDLE

Hydraulic outboard bearing support on the top and bottom spindles assure maximum stability while high speed cutting.

INDIVIDUAL PRESSURE SEAT ABOVE REAR BOTTOM SPINDLE

with multi-section pressure boards to provide stable support on workpiece.



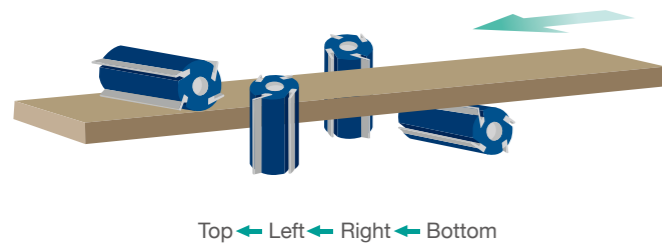
Whether the machine is working 40M/min up to 120M/min for large workpiece, the quality finish surface can be seen at a glance.

HORIZONTAL IN/OUT WITH OSCILLATION FUNCTION 30MM (OPTIONAL)

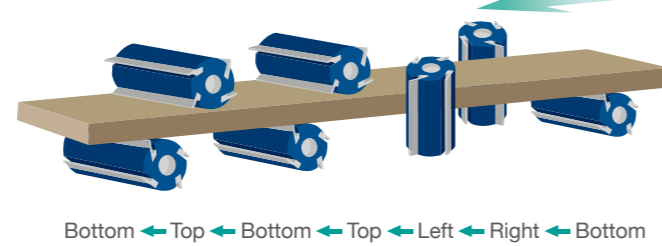
Horizontal spindles install oscillation function with in/out movement 30mm, providing perfect cutting of glued jointing wood materials, and extending the lifespan of cutterheads.



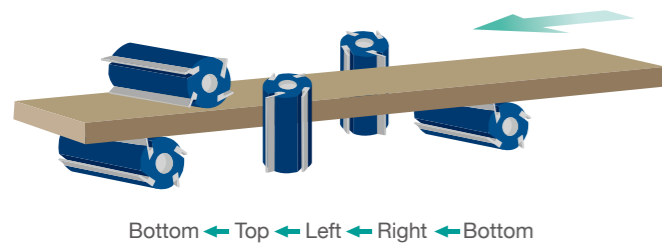
4-Spindle GL-445



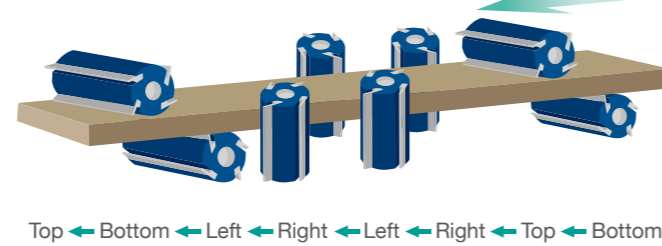
7-Spindle GL-745



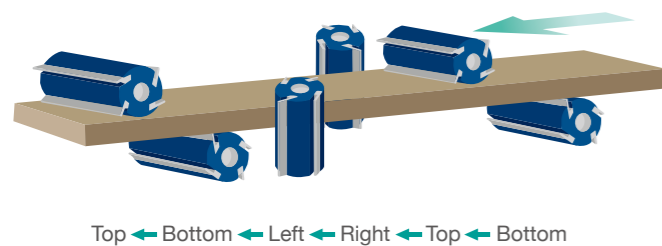
5-Spindle GL-545



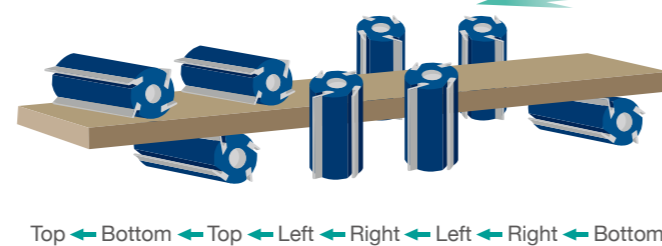
8-Spindle GL-845



6-Spindle GL-645



8-Spindle GL-845



GL SERIES

MODEL	GL-445	GL-545	GL-645	GL-745	GL-845
CAPACITY					
Planing width	30-450MM	30-450MM	30-450MM	30-450MM	30-450MM
Planing thickness	10-160MM	10-160MM	10-160MM	10-160MM	10-160MM
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
SPINDLE					
Spindle speed	6000RPM	6000RPM	6000RPM	6000RPM	6000RPM
Spindle diameter	Φ50MM	Φ50MM	Φ50MM	Φ50MM	Φ50MM
Vertical spindle adjustment (axial)	60MM	60MM	60MM	60MM	60MM
Horizontal spindle adjustment (axial)	30MM	30MM	30MM	30MM	30MM
CUTTER DIAMETER					
1st bottom spindle	Φ160-203MM	Φ160-203MM	Φ160-203MM	Φ160-203MM	Φ160-203MM
Vertical spindle	Φ160-250MM	Φ160-250MM	Φ160-250MM	Φ160-250MM	Φ160-250MM
Top spindle	Φ160-250MM	Φ160-250MM	Φ160-250MM	Φ160-250MM	Φ160-250MM
Last bottom spindle	Φ160-250MM	Φ160-250MM	Φ160-250MM	Φ160-250MM	Φ160-250MM
OTHERS					
Table adjustment	12MM	12MM	12MM	12MM	12MM
Infeed table length	1000MM	1000MM	1000MM	1000MM	1000MM
Feeding roller diameter	Φ200MM	Φ200MM	Φ200MM	Φ200MM	Φ200MM
Feeding roller width	9x50MM	9x50MM	9x50MM	9x50MM	9x50MM
Table roller diameter	Φ140MM	Φ140MM	Φ140MM	Φ140MM	Φ140MM
Machine dimensions (LxWxH)	4100*2270 *2077MM	4500*2270 *2077MM	5600*2270 *2077MM	5900*2270 *2077MM	7100*2270 *2077MM
Packing dimensions (LxWxH)	4300*2280 *2120MM	4700*2280 *2120MM	5800*2280 *2120MM	6100*2280 *2120MM	7300*2280 *2120MM
Net weight	16000KGS	17000KGS	18000KGS	18500KGS	19000KGS
Gross weight	16800KGS	17900KGS	19000KGS	19500KGS	20200KGS

*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 1-13/16", 2-1/8"
- ATS system with servo motor positioning, 200 sets memories
- Extend infeed work table length
- Horizontal spindle in/out movement with oscillation function 30mm
- Outfeed chamfering function (roller type)
- Safety guard with re-inforced type
- Electric box separate from machine body
- Vertical spindles position opposite directly
- Universal spindle
- Feed speed 6-60m/min, 8-80m/min, 10-100m/min, 12-120m/min
- Feeding/Spindle motor increase
- Spindle speed 8000 rpm
- Straight Joints
- Profile Joints