

Double Side Planer

MODEL	SK-450	SK-450GH	SK-600G	SK-600GH	SK-650G
Max. working width	15-450 mm	15-450 mm	15-600 mm	15-600 mm	15-650 mm
Max. working height	10-150 mm	10-150 mm	10-150 mm	10-150 mm	12-150 mm
Speed of cutter block	4,000 RPM	6,000 RPM	4,000 RPM	6,000 RPM	4,000 RPM
Max. cutting for each cutter head	10 mm	10 mm	10 mm	10 mm	10 mm
Feeding speed	6~24 M/min	10~40 M/min	6~24 M/min	10~40 M/min	6~24 M/min
Drive upper feed roller	2 sets, ø96 mm	2 sets, ø96 mm	2 sets, ø101 mm	2 sets, ø101 mm	2 sets, ø101 mm
Driven table roller	2 sets, ø96 mm	3 sets, ø96 mm	2 sets, ø101 mm	3 sets, ø101 mm	2 sets, ø101 mm
Idle table roller	1 sets, ø96 mm	1 sets, ø96 mm	1 sets, ø96 mm	1 sets, ø96 mm	1 sets, ø96 mm
Upper cutter head power	15 HP (20HP op)	20 HP	20 HP (25HP op)	30 HP	25 HP
Bottom cutter head power	10 HP (15HP op)	15 HP	15 HP (20HP op)	20 HP (25HP op)	20 HP
Feeding power	2 HP (3HP op)	5 HP	3 HP (5HP op)	7.5 HP	5 HP
Elevation power	1 HP	1 HP	1 HP	1 HP	1 HP
Machine packing size(LxWxH)	2,420x1,250x1,800	2,600x1,400x1,800	2,850x1,500x1,900	3,050x1,500x1,900	2,850x1,550x1,900
Weight	2,000 KGS	2,500 KGS	3,200 KGS	3,500 KGS	3,500 KGS

• We reserve the right to modify the specification and design of machine without prior notice.



森科



DOUBLE SIDE PLANER



Full Series of models

Shenko



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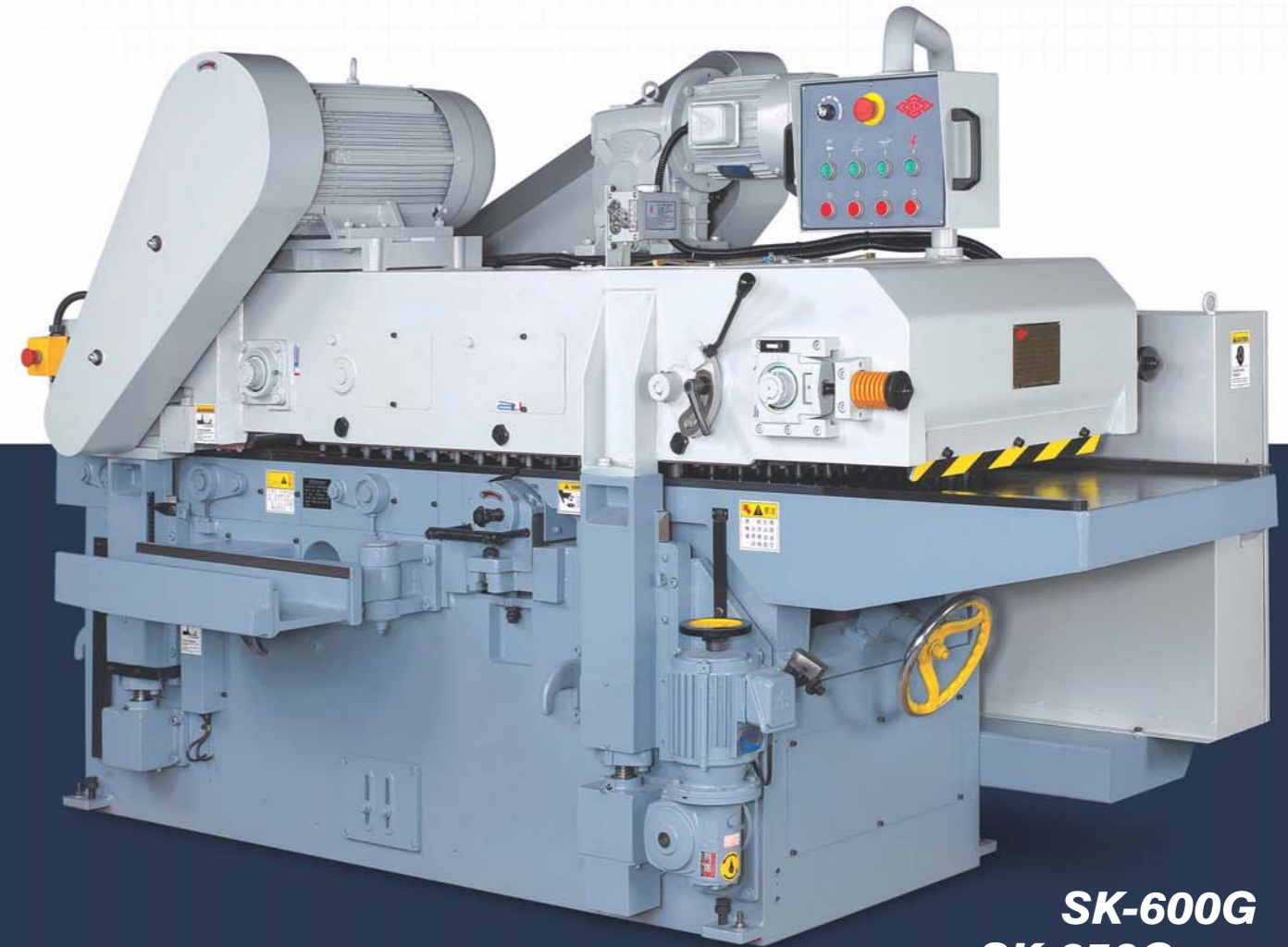


DOUBLE SIDE PLANER

Perfect finish quality win your trust.



SK-450



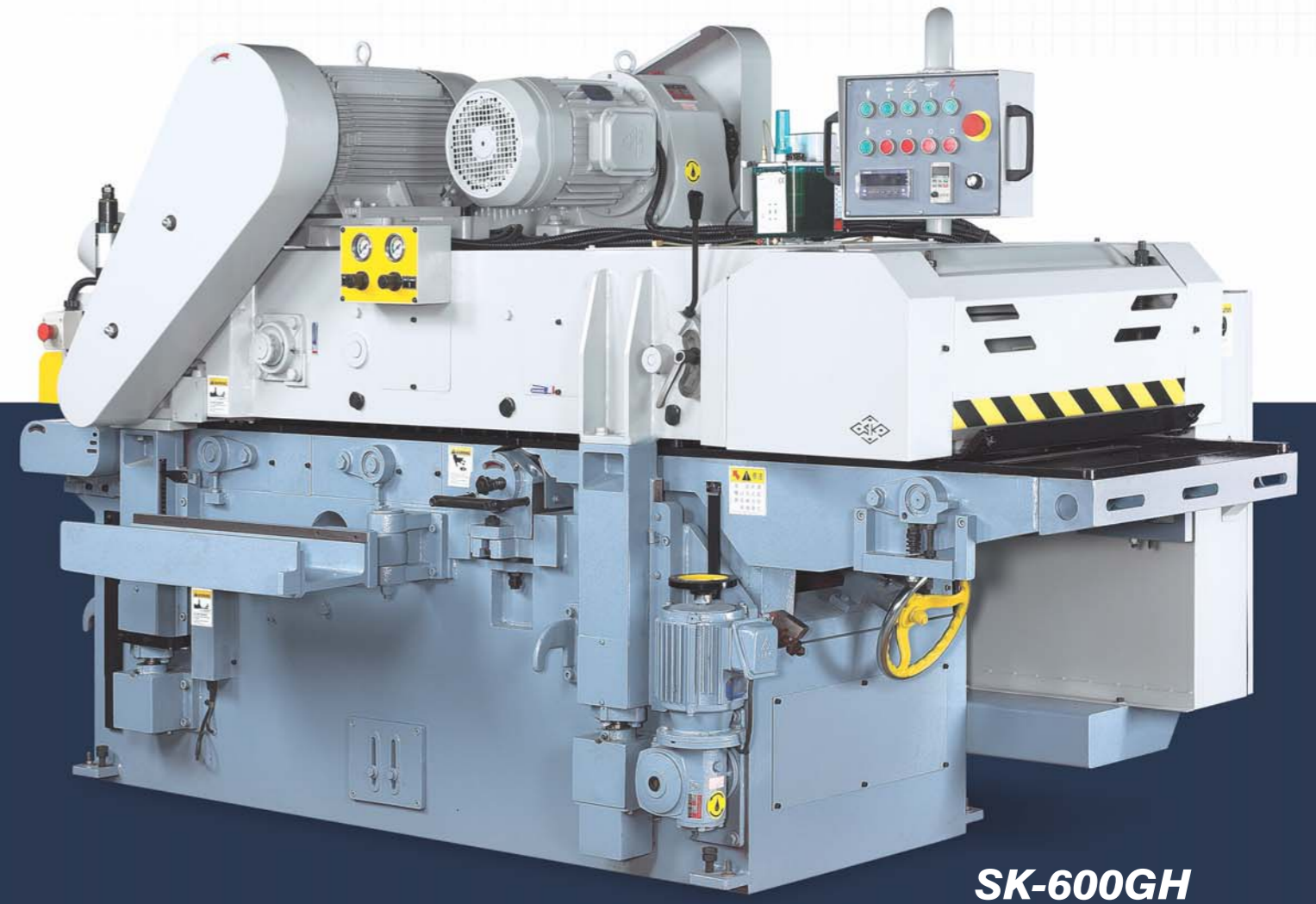
**SK-600G
SK-650G**

FEATURES:

1. The heavy cast-iron machine frame structure is computer-design to provide optimal vibration absorption, the precise plane surface processing ensure the precision and long life of the machine.
2. Tool replacement and setting are very convenient which shorten the down time to the least limit and upgrade the work efficiency.
3. Use of pressure pin caterpillar to feed workpiece through give you smooth and stable workpiece to achieve perfect finish quality.
4. Feed speed is controlled by a frequency inverter, allowing for selecting desired feed speed to accurately meet workpiece material.
5. This machine equip anti-overload device to protect feeding system. With the premise of machine protection, if the workpiece jam in the machine or break down of conveying caterpillar chains will make feeding system stop feeding workpiece.
6. This machine equip conveying caterpillar chains tension auto-adjustment device. It avoid damage of chains from tension tightness is not enough while in processing.
7. This machine equip 3 sets of table roller. They can reduce the friction between workpiece and table and provide less wear when working hard and abrasive timbers.
8. All kinds of switches and mechanical adjustment of this machine are very handy and ease of operation.

HIGH SPEED DOUBLE SIDE PLANER

High speed and stable feed assures extra fine surface quality.



Feed Speed : 10-40 M/min



The high speed double side planer employs high efficiency gear-drive speed reducer. It is ideal for long time running and features better heat dissipation capability. This combined with the use of high speed heavy duty chain for feeding reduce noise during high speed running, while achieving stable and smooth feeding effect.



The high speed double side planer is designed with additional feed roller above the infeed table, that facilitates wood infeed. In addition, driven roller is equipped in the infeed table. The combination of upper and lower infeed roller provide powerful, high speed and smooth feeding even for moisturized or warped wood.



The outfeed mechanism employs air cylinder loading to upgrade machining stability. In addition, the machine is also equipped with auxiliary outfeed roller and rear outfeed driven roller, providing fast outfeed of wood without jamming. Upon request, a belt conveyor is available (optional) to connect to the outfeed end for online with the production line.

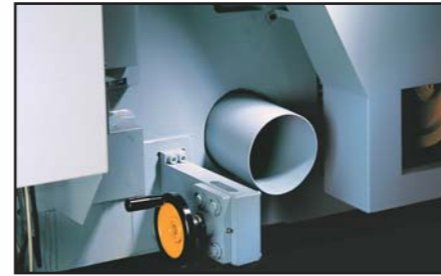
FEATURES:



A safety switch is provided for protection during replacing the top cutterhead. Even the top cutterhead start switch is pressed, it does not run. This safety switch will prevent danger resulted from accidental starting when replacing cutterhead. When the last piece of wood is existing at the outfeed port, if operator carelessly press the elevation switch, this will cause squeeze on wood resulting in the machine damage. To eliminate such problem, an elevation safety switch is provided on the outfeed port for protecting the operator and the machine.



The movable control box allows for more convenient and efficient setting and trouble shooting. All instructions on the control panel are easy to identify and understand for operational convenience. When cutterhead is running, the mechanism raising and lowering motions can be set at prohibited condition for protecting operator's safety.



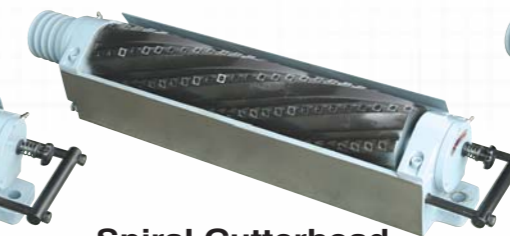
The belt tension adjustment device locate under the bottom cutter block which make belt tension easily to check and adjust. It is also more convenient for operator to take belts off and put belts back on when the bottom cutter block need to replace the cutting tool.



OPTIONAL ACCESSORIES:



Straight Cutterhead
(standard)



Spiral Cutterhead
(optional)



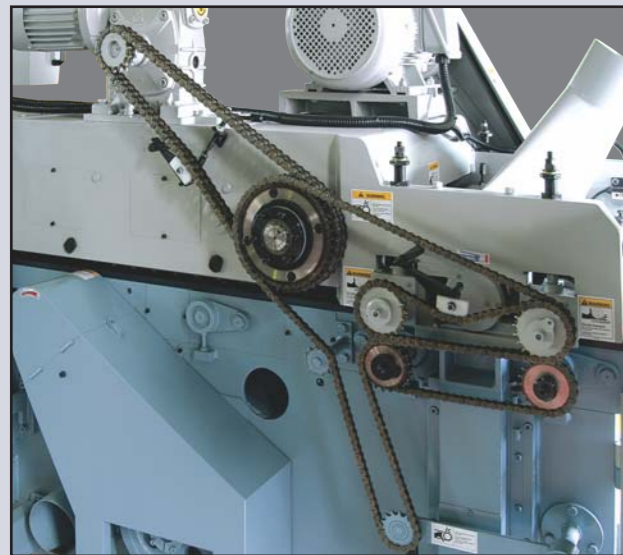
Heavy Duty Spiral Cutterhead (optional)



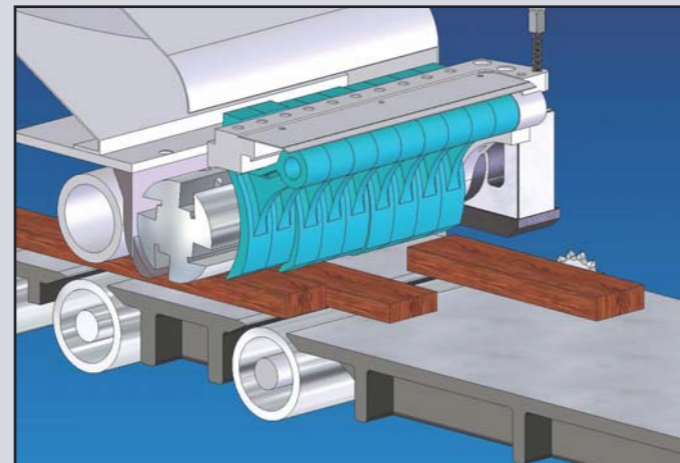
Linear Type Spiral Cutterhead (optional)



Meet CE standard



The powerful feeding through system is transported by chains. It makes perfect finish quality under this system and feed through without jamming. This machine also equip anti-overload device to protect the feeding system from damage when workpiece jam in machine.

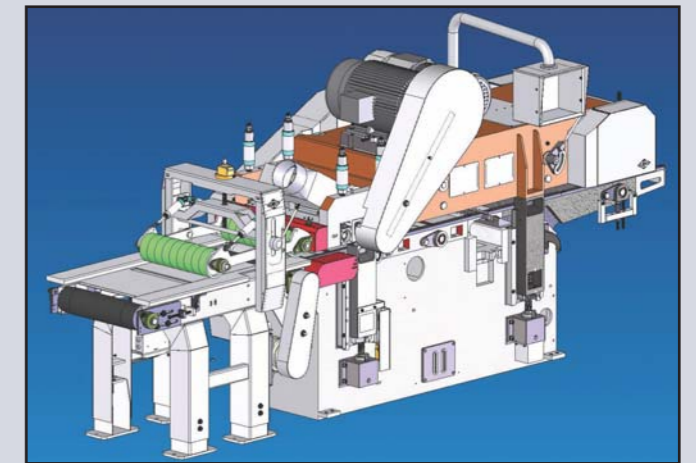


The specially designed front and rear pressure plates for top cutterhead hold wood firmly that eliminates the wave marking problem caused by uneven pressure that may affect cutting quality. Besides, when simultaneously feeding wood with varied thickness, the front pressure plate provides extra stable pressure to hold wood (see figure). Chips deposit at this position is also eliminated.



Infeed Conveyor

- Feed speed: 10-40m/min.
- Feed speed is controlled by a frequency inverter. It can be online with the feed system of the machine for adjusting feed speed synchronously. When required, individual speed adjustment is allowed.
- Easy to operate and feed. Convenient for online with a production line.



Outfeed Conveyor

- Feed speed: 10-40m/min
- Feed speed is controlled by a frequency inverter. It can be online with the feed system of the machine for adjusting outfeed speed.
- Equipped with air loaded pressure roller to ensure smooth outfeed of long and short wood. Height of the pressure roller can be adjusted according to outfeed condition.
- Easy to operate. Convenient for online with a production line.



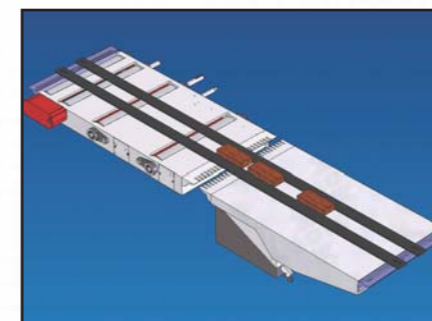
The bottom cutter block can be pulled out easily and stay on the support. It is convenient for operator to replace the cutting tool.



The feed speed is controlled by a high performance frequency inverter, permitting for variable speed adjustment to suit all type of wood material.



This machine equip conveying caterpillar chains tension auto-adjustment device. It avoid damage of chains from tension tightness is not enough while in processing.



When a short wood cutting device is equipped, the machine can cut short wood up to 200mm.



Air cylinder Loaded Upper Pressure Device, Upper Auxiliary Outfeed Roller and Lower Outfeed Driven Roller.

The outfeed mechanism employs air cylinder loaded upper pressure device to upgrade machining stability. In addition, the machine is also equipped with auxiliary outfeed roller and rear outfeed driven roller, providing fast outfeed of wood without jamming.

(Optional for models sk-450/sk-600G/sk-650G)