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PL-52-JS 52" Two Side Planer with Spiral Cutter Head (Universal Jointer Shaft Feed Driver)

Options:

- CT-SCH-14T 14MM x 2.0 MM SPIRAL CUTTERHEAD BLADES
- CT-SCH-15T 15MM x 2.5 MM SPIRAL BLADES EACH

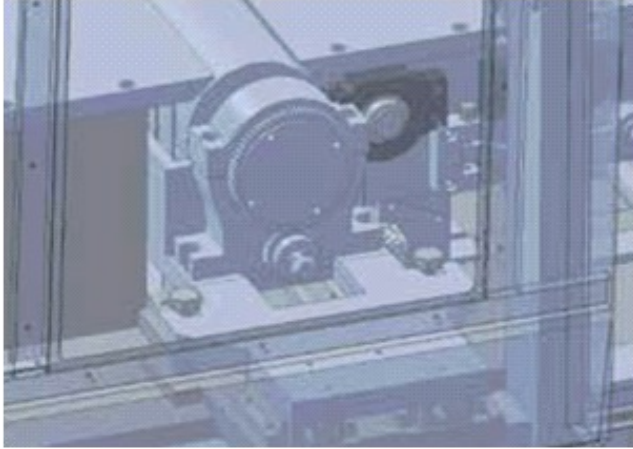
Features:

- Special Universal Jointer Shaft Feed Roller Driver: to ensure the feeding power for the wet, rough limber and curve material for mass cutting power.
- Standard with Heavy Duty Spiral Cutter Head for fast and smooth cutting.
- Standard equip with Automatic Thickness Controller, easy and quick setting for the cutting thickness.



- Upper & lower straight knife cutterheads for accurate and powerful two-sided planing in one pass.
- Auto digital thickness control for quick and accurate setup.
- The worktable surface was precision ground and then electric chrome-plated and polished to a smooth mirror finish. The durable wear resistance surface is easy to clean and maintain.
- A heavy-duty feed conveyor with metal spikes firmly holds stock securely to the worktable and feeds positively giving a smooth finish for rough or final planing.
- A step-less variable speed control for smooth adjustment of feed rate depending on the material hardness, depth of cut & width to provide the best finish surface and fast cutting performance.
- The infeed conveyor is fitted with numerous pressure pins so the feeding process can be firmly stabilized. It will moderately press the stock, and then accurate planing surface can be performed to prevent jumping during processing of narrow or bent material.
- A twist torsion anti-kickback device provides additional safety. It's designed to work in conjunction with the built-in conveyor stop. It safeguards mechanical parts in case of overload.
- The heavy-duty rigid cast iron frame supports the worktable and helps dampen vibration and ensures years of dependable service.
- Powerful industrial motor for maximum cutting capacity.
- All precision sealed long-life bearing for durability usage.
- A swivel stand is designed for convenient knife changing on the bottom cutterhead.
- Changing the knife on the upper cutterhead only requires removal of the upper dust chute.
- The optional spiral insert heads design allows for fast, accurate insert changes and minimum down time.
- Setup time is minimized to set cutterhead height using the auto material thickness device.
- The top and bottom cutterheads are precision balanced to provide consistently smooth chatter-free planing regardless of the feed rate or hardness of material being planed.
- A powerful ½ HP motor is utilized to quickly & conveniently make adjustments in thickness when setting the upper cutterhead.

MODEL	PL-52-JS
Table Area	1350 x 2600 mm
Cutterhead Diameter	156 mm
Cutting Circle	158 mm
Max. Cutterhead Speed	4000 r.p.m.
Infeed Roller Diameter	140 mm
Outfeed Roller Diameter	140 mm
Table Roller Diameter	140 mm
Feed Rate	4-16 m/min
Max Depth of Cut (Single side)	12 mm
Range of Wood Thickness	50-250 mm
Widest Planeable Butted Stock	1320 mm / 635 mm
Shortest Planeable Stock not Butted	600 mm
Motors	40 HP(top) / 30 HP(bottom)
Machine Weight (Approx.)	8,000 kgs



Quick Adjustment of Bottom Cutterhead

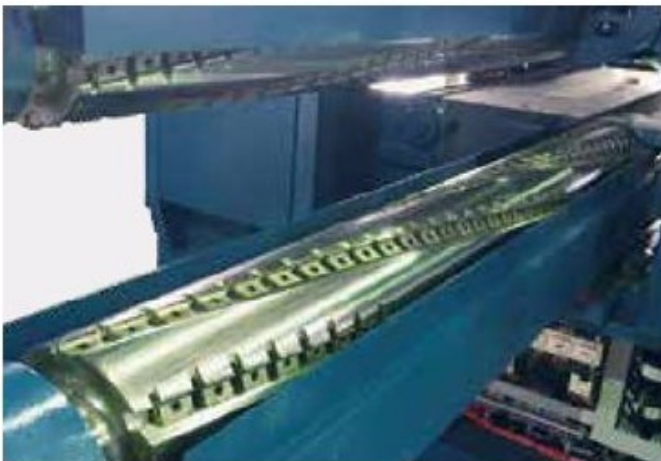
The bottom cutterhead is easy to adjust by simply turning a cutterhead adjustment screw. Leveling at the right and left end of the bottom cutterhead is adjusted synchronously.



Universal Joint Transmission

Each feed roller is driven by an individual universal joint for extra powerful feeding performance.

With the powered feed rollers, the machine is capable of feeding any difficult materials with maximum smoothness.



Easy To Remove Cutterhead

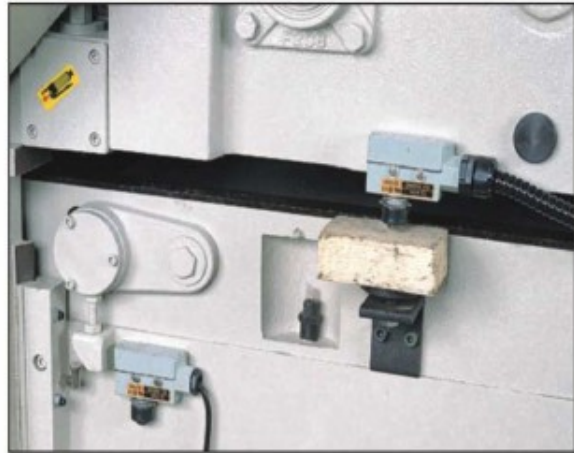
The top and bottom cutter heads are easy to remove for replacing inserts.

Equipped with two linear guideways, making cutterhead movement easier.



POWERED ELEVATION OF UPPER MECHANISM

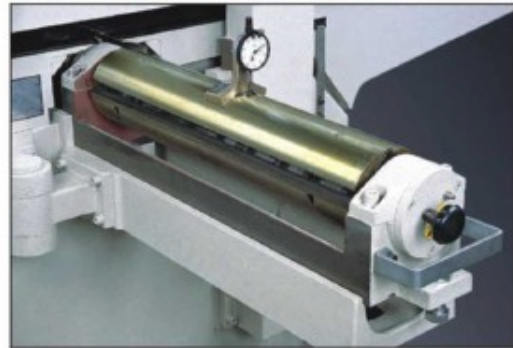
The upper mechanism elevation is driven by a 1/2 HP motor for convenient, fast thickness setting for top cutterhead. An adjustment headwheel provided on the elevation drive motor permits for micrometric adjustment of thickness. Both before and after this device!



THICKNESS SETTING BY WOOD BLOCK SAMPLE

A wood block with same thickness of product is applied for fast setting cutting thickness. Simply place it on the wood block rest, and pressing the upper mechanism elevation switch. When the limit switch touches the wood block sample, the machine will stop automatically.

Two limit switches are provided for controlling the maximum thickness capacity for safety guard of the machine.



CONVENIENT KNIFE SETTING FOR BOTTOM CUTTERHEAD

Knife setting on the bottom cutterhead is easy to perform by pulling it out and directly place it on the cutterhead rest. The machine comes with a knife setting gauge for setting knives.





SPIRAL CUTTERHEAD (OPTIONAL)



Heavy Duty Spiral Cutterhead(OPTIONAL)

This type of cutterhead has the Heavy Duty Spiral Cutterhead. The cutterhead specifications are specified according to customer's requirement. Choice of knife bit size 30*12*2.5mm or 30*12*2.5mm

15 mm x 15 mm insert blades



DOUBLE BEVEL CUTTERHEAD (OPTIONAL)

