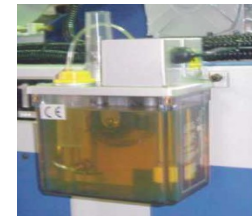


CAM-WOOD



DIGITAL THICKNESS SET UP



Auto Lubrication

PL-18X 18" Two Side Planer with Straight Knife Cutter
PL-18-SX 18" Two Side Planer with Spiral Cutterhead
PL-24X 24" Two Side Planer with Straight Knife Cutter
PL-24-SX 24" Two Side Planer with Spiral Cutterhead
PL-38-SX 38" Two Side Planer with Spiral Cutterhead
PL-43-SX 43" Two Side Planer with Spiral Cutterhead

Optional:

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

Features:

- Standard equipped with automatic thickness controller, easy, accurate and quick setting for the cutting thickness.
- Upper & lower **straight knives or spiral cutter** heads for accurate and powerful two-sided planing in one pass.
- The worktable surface is 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.
- 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.

- The 4 power feed rollers are driven with a geared transmission box linked with heavy-duty drive chain and gears to provide a smooth even feeding during rough or finish planing.
- 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 head 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.

Specifications:	PL-18X	PL-24X	PL-38X	PL-43X
Working Width	3" to 17-3/4"	3" to 25"	3" to 38"	3" to 43"
Working Thickness	3/8" to 8"	3/8" to 8"	3/8" to 7"	3/8" to 8"
Min. Working Length	10"	12"	12"	12"
Max. Cutting Depth	1/4" + 1/4"	1/4" + 1/4"	1/4" + 1/4"	1/4" + 1/4"
Feed Speed (Inverter)	15 to 70 FPM	15 to 70 FPM	15 to 52 FPM	15 to 52 FPM
Cutter head Speed	4,200 RPM	4,200 RPM	4,000 RPM	4,000 RPM
Top Cutter Motor	15 HP	25 HP	40 HP	40 HP
Bottom Cutter Motor	10 HP	20 HP	20 HP	30 HP
Feed Motor	2 HP	5 HP	5 HP	7.5 HP
Elevation Motor	1/2 HP	1/2 HP	2 HP	2 HP
Machine Weight	6,500 LBS	7,200 LBS	9,800 LBS	10,900 LBS



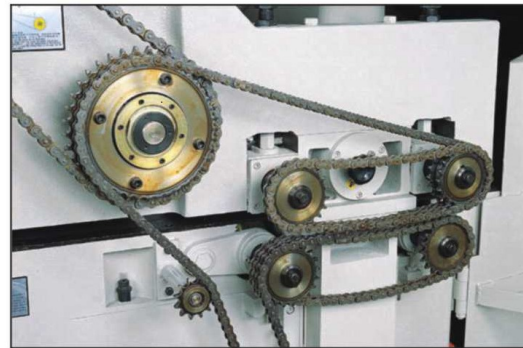
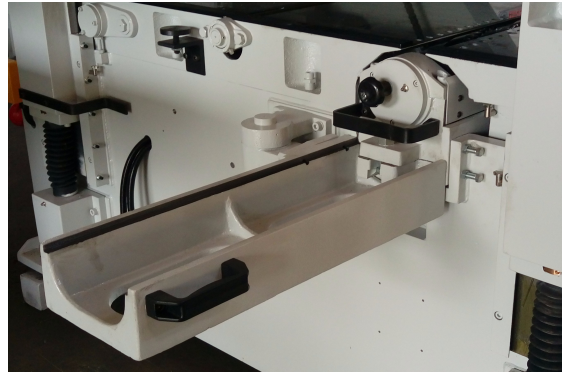
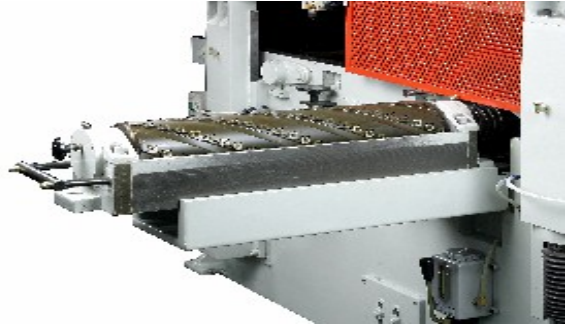
Hard Chrome Plated Table

The cast iron table surface is precision ground and hard chrome-plated for long-term wear-resistance, smooth feed and low friction resistance, making it suitable for various types of workpiece surfaces.



Quick Setting of Working Thickness

A wood block with same thickness of finish product is applied for quick setting of thickness of cut. Simply place it on the wood block seat and press the upper mechanism elevation switch. When the limit switch touches the wood block, the movement stops automatically. Two limit switches are provided for controlling the maximum and minimum thickness capacity for safety guard of the machine.





THICKNESS SETTING BY WOOD BLOCK SAMPLE

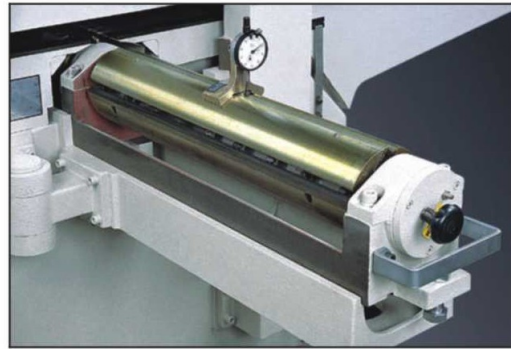
A wood block with same thickness of product is applied for fast setting cutting thickness. Simply place it on the wood block rest, and pressing the upper mechanism elevation switch. When the limit switch touches the wood block sample, the machine will stop automatically.

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



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 handwheel provided on the elevation drive motor permits for micrometric adjustment of thickness. Both before and after this device!



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.

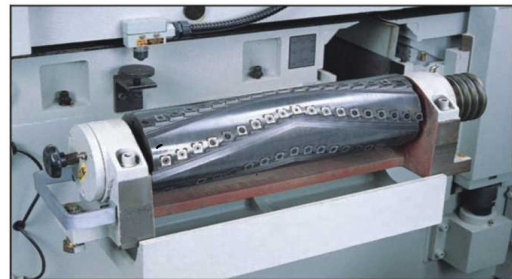


SPIRAL CUTTERHEAD (OPTIONAL)

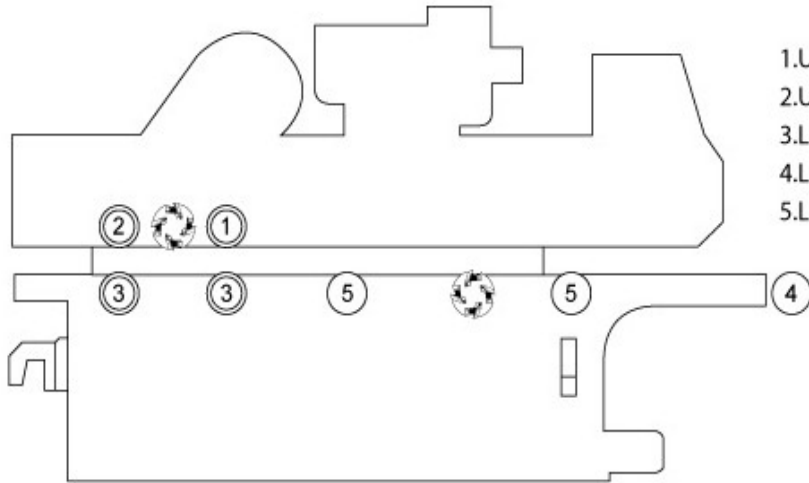


Heavy Duty Spiral Cutterhead(OPTIONAL)

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



DOUBLE BEVEL CUTTERHEAD (OPTIONAL)



- 1.Upper feed-in roller
- 2.Upper output roller
- 3.Lower transmission roller(2pcs)
- 4.Lower feeding passive roller
- 5.Lower passive roller(2pcs)

