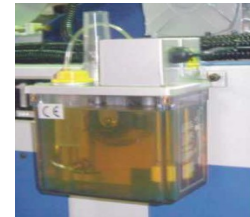




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**DIGITAL THICKNESS SET UP**



**Auto Lubrication**

- PL-18 18" Two Side Planer with Straight Knife Cutter**
- PL-18-S 18" Two Side Planer with Spiral Cutter Head**
- PL-24 24" Two Side Planer with Straight Knife Cutter**
- PL-24-S 24" Two Side Planer with Spiral Cutter Head**
- PL-38 38" Two Side Planer with Straight Knife Cutter**
- PL-38-S 38" Two Side Planer with Spiral Cutter Head**

**Options:**

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

**Features:**

- Standard equip with Automatic Thickness Controller, easy and quick setting for the cutting thickness.
- Upper & lower straight knife cutter heads for accurate and powerful two-sided planing in one pass.
- Auto digital thickness control for quickly 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 in-feed 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 cutter head.
- Changing the knife on the upper cutter head 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 cutter head height using the auto material thickness device.
- The top and bottom cutter heads 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 cutter head.

SPECIFICATIONS	PL-18	PL-24	PL-38
Max. Planing Width	17-3/4"	24"	38"
Max. Planing Thickness	6-5/8"	6-5/8"	7"
Max. Cutting Depth	¼"	¼"	3/8"
Min. Planing Length	12"	12"	13"
Feeding Speed (Variable)	10' ~ 70'	10' ~ 70'	22' ~ 52'
Cutter Head Speed	4200 RPM	4200 RPM	4000 RPM
Number of Knives	4	4	4
Upper Motor	15 HP	30 HP	40 HP
Bottom Motor	10 HP	15 HP	20 HP
Feeding Motor	3HP	5 HP	5 HP
Elevation Motor	½ HP	1 HP	2 HP
Table Size (L x W)	88" x 16"	93" x 24"	111" x 38"
N.W.	5840 LBS	6930 LBS	9900 LBS
G.W.	6500 LBS	7700 LBS	11000LBS



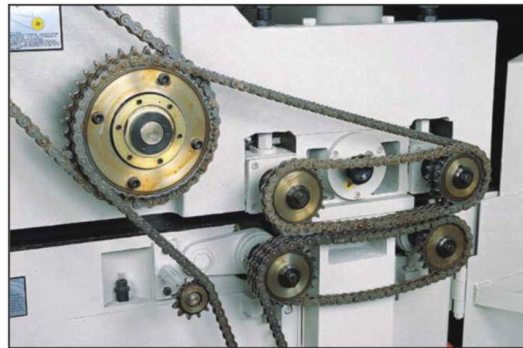
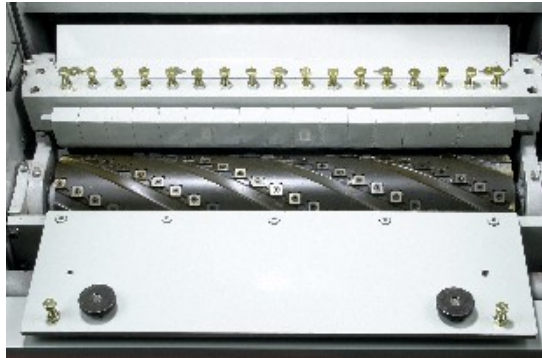
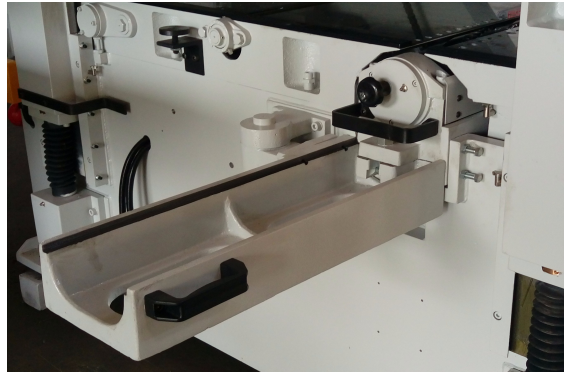
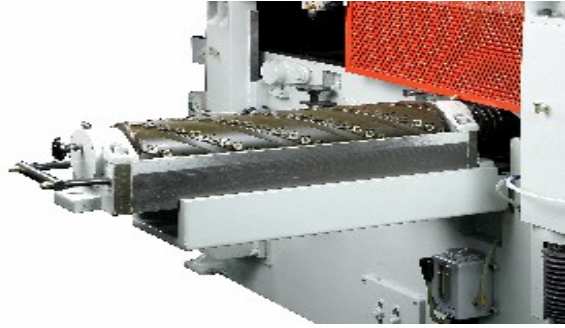
### Hard Chrome Plated Table

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. Simple place it on the wood block seat and pressing 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**

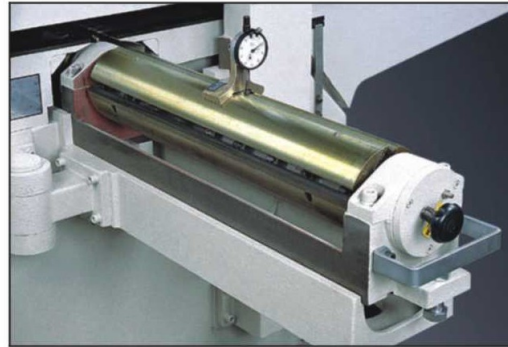
A wood block with same thickness of product is applied for fast setting cutting thickness. Simply place it on the wood block rest, and pressing the upper mechanism elevation switch. When the limit switch touches the wood block sample, the machine will stop automatically.

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 headwheel 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.

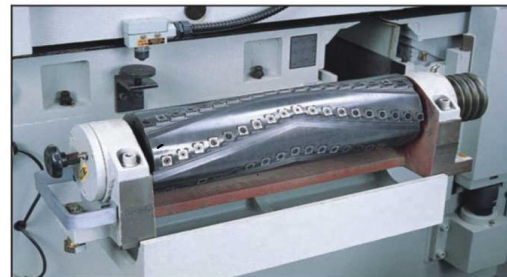


**SPIRAL CUTTERHEAD (OPTIONAL)**



**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



**DOUBLE BEVEL CUTTERHEAD (OPTIONAL)**