

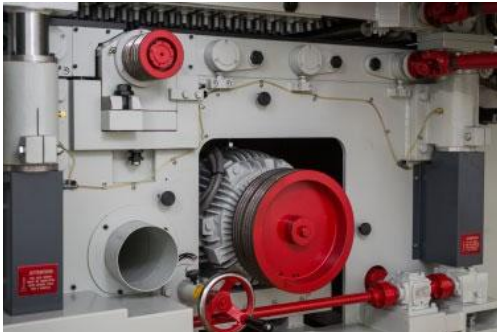
Machine Features



- 24" Patented (6) row helical cutterhead with 30mm x 12mm x 2.5mm (2) sided radiused inserts; introduces cutterhead technology never before offered in this level of Finish Planer.
 - Patented cutterhead system increases stock removal by over 40% compared to traditional cutterhead, allowing greater speeds up to 90FPM and requires less than half the time to rotate than that of traditional 15 x 15 knife systems.
 - Optional high speed feeds available.
 - Cutterhead decibel rating to be 75 db or less.
 - Dynamically balanced solid steel cutterhead construction
 - Cutterhead 5,100 RPM.
 - All cutterhead bearings are "Class 7" NSK brand. (2) bearings per shaft.
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- 40HP top head
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- 30HP bottom head
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- Rugged cast iron and steel plate fabrication ensures long term dependability and low maintenance.

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Machine Features



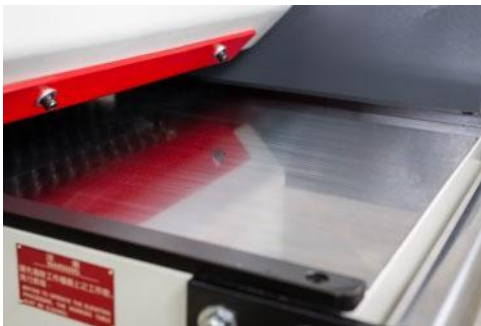
- 5HP feed motor and 7.5HP VFD integrated to the feed motor. This is a major upgrade from the standard series.



- 1HP elevation motor is standard on the SC-I Series.



- SC-I Series employs a 6 belt drive system on both cutterheads for superior power transfer.



- Hard Chrome Plated machine bed (.014") is standard on the SC-I Series increasing bed life by 4 to 5 times over cast iron.

Machine Features



- Dial indicator gauge and hand wheel are added features to the SC-I Series planer which provide a fast and accurate adjustment of the infeed table.



- The SC-I Series Planer uses (7) bed rollers, front and rear of the cutterheads; (3) powered for smooth and seamless lumber feeding.

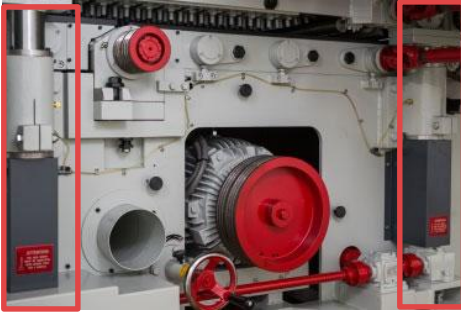


- Patented universal cardan shaft drive system provides constant feed speeds and extremely high durability compared to older style drive systems of chains and sprockets. This system is very similar to the drive systems of many "new generation" moulders.
- Extreme duty gear boxes are utilized and are 50% stronger and more durable than the Standard Series.



- Top cutterhead positioning is accomplished by means of a controller with set works and can hold .004" accuracy.
- Micro encoder with ball screw is used to maintain precision readings.

Machine Features



- Raising and lowering of upper assembly is achieved through a synchronized 4 column type lifting system with a centralized lubrication system.



- Carpet "spike" infeed conveyor with a feed range of 30 - 90 FPM.
- The SC-I Series has an upgraded feed system using precision tool steel for maximum life and sharpness.
- 20% more spikes for the carpet feed allows precision jointing accuracy to truly straighten warped and twisted lumber.
- 1,500 spikes in total, with $\frac{3}{4}$ " stroke, complete the infeed system.



- Digitally controlled Oiler for feed works allows automatic oiling of carpet feed and provides protection at higher feed speeds.
- Low level shut down prevents damage from lack of lubrication.



- New rear emergency stop system provides secondary access to quickly shut machine off from the rear of machine.

Machine Features



- Surfacer allows very easy access to both top and bottom cutterheads providing quick and easy tooling access and maintenance.
- 30 x 12 x 2.5mm cutterhead allows for more aggressive stock removal with reduced energy consumption.



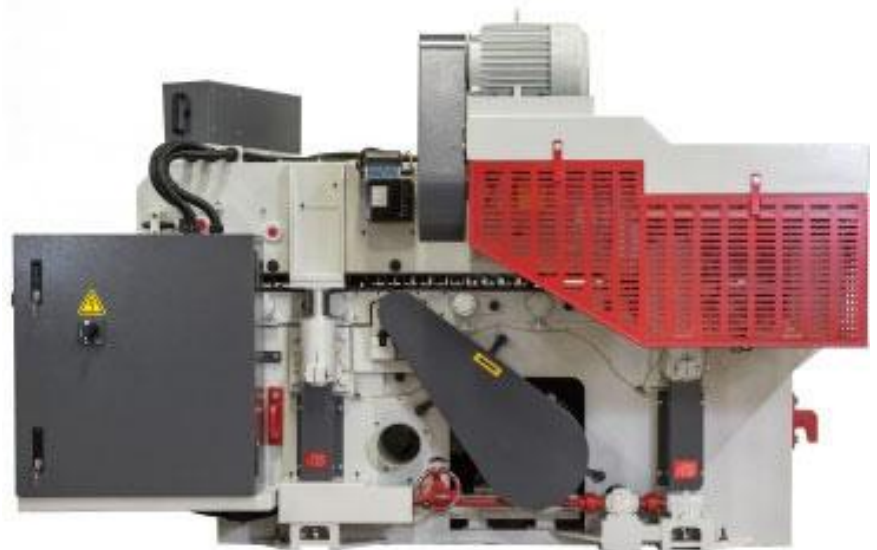
- Quick and easy bottom head access reduces carbide replacement/rotation time.
- All cutterheads are dynamically balanced and mated with precision pulleys.



- All electrical components are assembled into one remote dust proof cabinet with easy access and lock out.

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