

# Nova F 410 T

jointer



\*Photo may include optional equipment

# NOVA F 410 T

## 16" Tersa Jointer

The Nova F 410 T is a heavy duty, long bed 16" jointer designed to meet the needs of the most demanding environments. It features cast iron tables, tilting fence, and a quick change Tersa cutterhead.

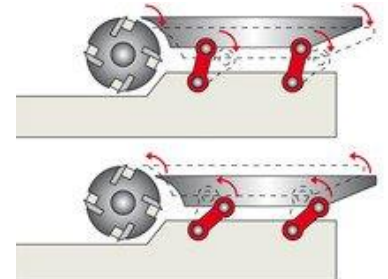
### Extra Long Cast Iron Tables

All SCM Jointers use aged cast iron tables that are machine polished to the highest tolerances. These castings are ribbed to ensure maximum strength and to avoid problems with the tables warping or breaking during use. The longer tables ensure board straightness. Our tables are over 102 inches to make sure that the workpiece will be straight every time.



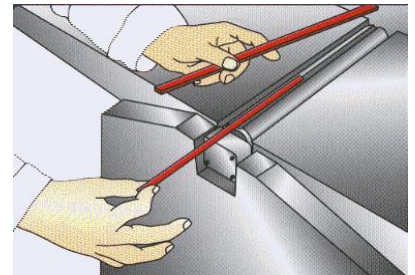
### Parallelogram Table Movement

All SCM Jointers incorporate a parallelogram movement of the infeed and outfeed tables. This system has the table height adjustment through a system of four cams (one per corner of support) that pivot on a radius equal to the head radius. This radius pivot ensures that the table chip breaker remains in the correct position from the head. Some manufacturers use a wedge type movement which allows the table and chip breaker to move away from the head as it is adjusted for more removal. This will allow splintering and poor quality finish.



### Tersa Cutterhead

SCM Jointers include the quick change knife heads by "Tersa". This cutterhead eliminates the necessity of gauging the knives each time to ensure proper setting position. The Tersa knives automatically reference into position when the head is turned on. Removal of the knives is as simple as tapping down the wedge blocks and sliding out the knives. Since the knives are two-sided, they can be flipped over, reinserted, and used again.



### American Cutterhead Guard

Shown here, the standard guard offered on SCM Jointers is a spring type guard which always covers the unused portion of the knife. Other European style guards require the guard to be manually moved into place when the fence is readjusted. When processing thick wood, this does not cover the blade as completely.



Note: The European guard and additional overturning fence attachment do not come standard on the Nova F 410. The Nova F 410 comes standard with an American guard (pictured above) and fence that meet OSHA requirements.

### STANDARD EQUIPMENT

- "Tersa" 4 knife insert head with quick change knives
- Magnetic starter with overload protection
- Heavy anodized aluminum jointer fence
- Spring type cutter head guard
- 102.75" long table length with ribbed cast tables
- Parallelogram movement of tables
- Tool set
- Dust hood

## TECHNICAL SPECIFICATIONS

Motor Horsepower	8 HP (3-Phase)
Total Table Length	2610mm (102 3/4")
Infeed Table Length	1450mm (57")
Outfeed Table Length	1160mm (45 1/2")
Table Width	410mm (16 1/8")
Working Capacity	2600mm x 410mm (102 3/8" x 16 1/8")
Max. Depth of Cut	8mm (5/16")
Cutter Head Diameter	120mm (4 3/4")
RPM	5000
No. of knives	4
Knife Dimensions	410mm x 35mm x 3mm
Fence Size	1200mm x 190mm (47 1/4" x 7 1/2")
Fence Tilt	0° – 45°
Dust Hood Diameter	120mm
Noise Level (dB)	75
Overall Dimensions	105" x 44"
Shipping Weight	970kg (2,140 lbs)
Net Weight	840 kg (1,851 lbs)
Electrical Requirements	230 volt
Dust Extraction	980 cfm

	<b>Nova F 410 T Surface Planer (Jointer)</b>
R1.15.44	Nova F 410 USA/Canada version
93.07.35	230 Volt
93.15.01	60 Hz
57.01.34	TERSA Cutterblock with throwaway knives
08.68.29	SEAWORTHY PACKING

\*\*Specifications are subject to change\*\*