



**PREMIUM DIVISION**



SI 400 NOVA  
SLIDING TABLE SAW



Photo may include optional equipment



**Committed to a single goal....SUPERIOR RESULTS**

This SI 400 Nova offers a 16-inch blade capacity making the machine one of our most versatile. It has heavy features and fast-growing shops will appreciate the ease of use and production capabilities. The SI 400 Nova is a manual machine, and was built to be accurate, repeatable, versatile, and inexpensive. This machine packs a punch without hitting your wallet too hard.

#### BLADE GROUP TRUNION FOR PIVOTING

The double trunion assembly for the blade tilting is part of the blade group casting. This eliminates the possibility of misalignment which exists when these parts are bolted in the place as some manufacturers do. Others use a small pivot pin to hold up the saw group. Direct shaft drive coupled with rack and pinion gearing allow smooth, angle adjustment of the saw blade.



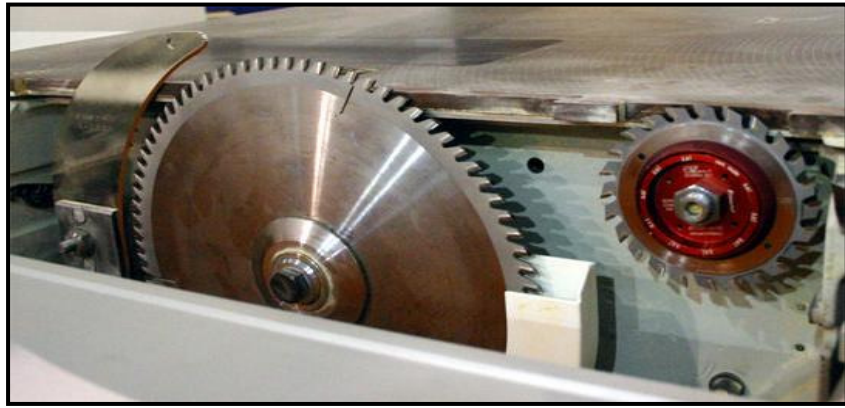
#### NEW WIDER SLIDING TABLE

The SI400 Nova has a new, wider, sliding table with two channels for added versatility. This is a feature normally only found on our larger machines. The hardened steel guideways are machined into place (no glue), and are designed to last the life of the machine with no adjustments needed.



E-Z DIAL SCORING SET

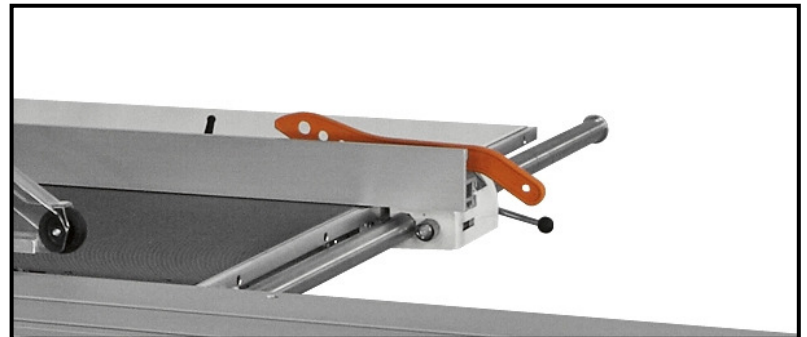
Adjusting the scoring set is quick and easy. Simply turn the dial to adjust the width of the score. This system eliminates the need for shims and the constant adjustment they require. It is fully adjustable in 0.1mm increments.

OVERARM SAW GUARD

The SI400 Nova comes standard with an overhead saw guard. Whether you are cutting sheet goods, or 5" thick solid wood lumber, this guard has you covered. The guard also has a dust collection outlet to aid in the removal of dust and other airborne particles.

HEAVY RIP FENCE SUPPORT

The SI400 Nova has a steel round bar to support the rip fence. The fence itself has a large cast-iron knuckle that rides on the round bar. It features a sturdy cam lock, and micro adjustment feature along with a high/Low aluminum fence extrusion which is completely adjustable.

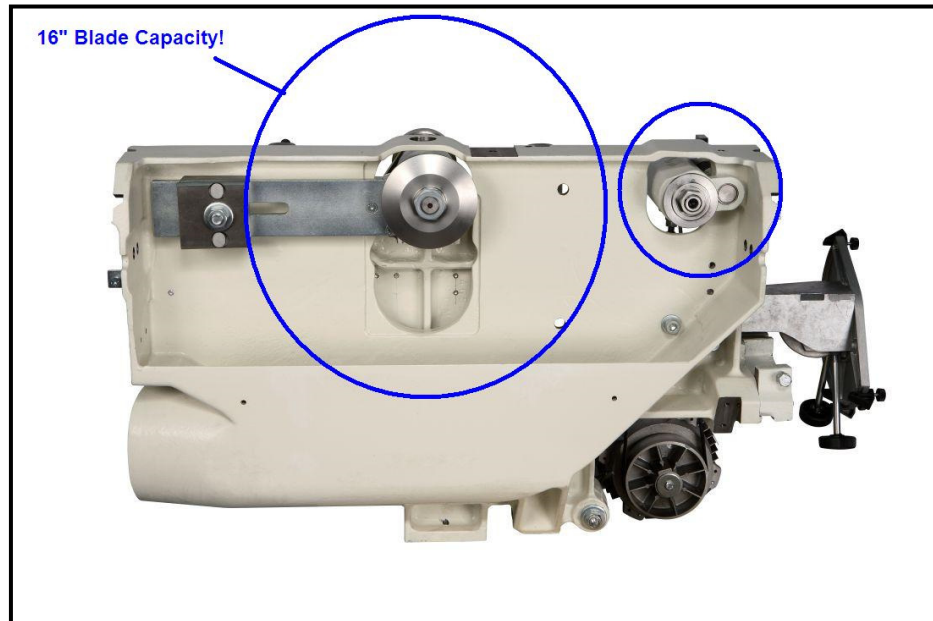


**CAST-IRON BLADE GROUP**

The SI 400 Nova has a massive cast-iron blade group which tilts on a trunnion mechanism. This closed system allows for maximum dust removal, and is the most durable tilting design. The entire blade group raises and lowers on two steel columns, and the gear assemblies are encased in a patented mechanism which doesn't allow dust or pitch to penetrate the joining mechanism.

**LARGE BLADE CAPACITY**

The SI 400 Nova can carry a 16" blade with scoring. This translates to 5.5" of cutting height at 90 degrees. Also featured is a completely enclosed cast-iron blade group which maximizes rigidity, and which won't go out on you over time. Other inferior systems have an open structure which allows the blade group to twist when one of the trunnions is blocked by pitch or dust, thus throwing off your entire blade group and the accuracy of your cut.



**MAJOR FEATURES**

Anodized aluminum sliding table with hardened steel guides  
 Self Braking Motor  
 Separate 1 hp scoring motor  
 Tilting arbor from 0 to 45 degrees  
 Mechanical tilt indicator  
 External scoring saw adjustment with stops  
 Slider locks anywhere to the right of the blade  
 Overhead mounted blade guard with dust outlet  
 Heavy industrial aluminum extrusion crosscut fence with flip stops  
 "EZ Dial" Adjustable split scoring blade assembly  
 Standard 1 year warranty (10 years on table guideway tolerances)  
 Separate hand wheels on front for lifting and tilt of blade  
 Eccentric Clamp  
 Electrical control panel tilted 25 deg. for ergonomics

**TECHNICAL SPECIFICATIONS**

Main motor horsepower	9 HP
Scoring motor horsepower	1 HP
Fixed table size	41" x 25"
Height of worktable	34.5"
Rip capacity	1270mm (51")
Max. length of crosscut with scoring	3200mm (126")
Main blade diameter/arbor	400mm/1"
Scoring blade diameter/ arbor	120mm/3/4"
Arbor speed – main/scoring	4,000/8,500RPM
Dust outlets – main/overarm guard	120mm/80mm (5"/3.25")
Depth of cut – 0 degrees/45 degrees	140mm/97mm (5.5"/3.8")
Net weight	1000kg (2,200 lbs)
Electrical requirements	36 amps @ 230 volts, 3phase
Dust extraction	1100CFM

Optional Item:

Separate Mitre Gauge for Angular Cuts