



CIRCULAR SAW SCM GROUP MOD. SI 400 NOVA
(MADE IN ITALY)



TECHNICAL DATA	SI400 NOVA
Max cutting height at 90° (mm)	140 with blade 400
Max cutting height at 45° (mm)	97 with blade 400
Blade tilt (degrees)	45
Blades lifting and tilt	manual
Main blade rotating speed (rpm)	3700
Scoring unit rotating speed (rpm)	8500
Saw unit motor power	9.5 HP / 12 HP , 50HZ
Scoring unit motor power	HP 1.2, HZ 50
Squaring capacity: - w. 3200 mm carriage	3200x3200
Cutting width on parallel fence (mm)	1270
Exhaust outlet diameter - at the base (mm) - on overhead protection (mm) - on riving knife (mm)	120 80 60



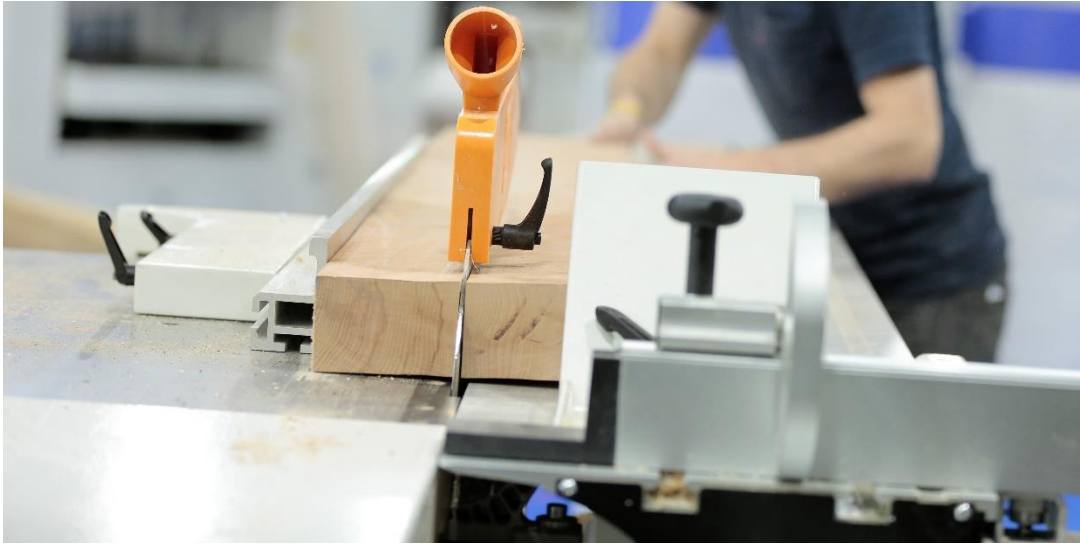
STANDARD SETTINGS:

- **Anodized aluminium alloy carriage**
- Sliding carriage length 3200mm
- Lifting and tilting of saw unit
- Squaring frame
- Outfeed table extensions
- Manual rip fence with position reading on metric rule
- Ripping capacity on **parallel fence** 1270 mm



- Direct start main motor with pushbuttons
- Independent powered scoring unit
- Emergency pushbutton located on the front machine side
- Overload protection
- **Blade protection on riving knife**

Squaring frame

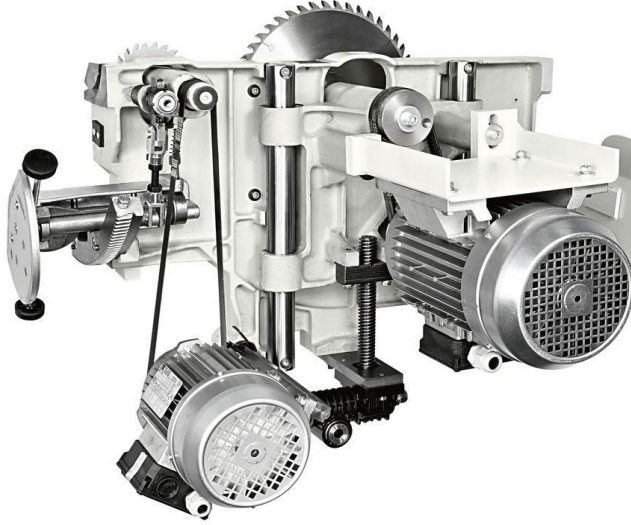


- Padlockable main switch
- Auxiliary low voltage circuit (110 voltage)



ADVANTAGES

- **Saw unit: a perfect cut.** Maximum torsional rigidity and the total absence of vibration through the closed loop structure of the saw unit which ensures perfect alignment of the blades during tilted and difficult cuts.



- **Sliding carriage: smooth sliding and a solid work surface.** The wide section of the carriage, with closed reticular geometry

provides extreme rigidity and minimum deflection. A smooth operating motion is



guaranteed over time by the **system of**

sliding bearings running on hardened steel guides using an exclusive method of mechanical fixing

- **Manual movements: always user friendly and precise.** Ease of use in everyday operation due to the dedicated gear box, fully protected from dust (Scm patented solution), that provides a smooth and direct transmission. Every minimum handwheel movement corresponds to a precise blade adjustment.
- **Manual adjustment of the scoring unit: simple and effective.** Vertical and horizontal adjustments are carried out by user-friendly mechanical levers that operate directly making precise and smooth movements. The useful mechanical stops allow immediately finding of the set position. The positioning of the controls allows their use without moving from the front of the machine.



OPTIONAL SETTINGS INCLUDED:

57.01.07	Eccentric clamp
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