



Automatic circular saws with tilting blade

**S315 WS - S350 WS**

**TECNOMAX**

# scm e group A great group, great products, great quality



Factory



Foundry



Sheet processing



Mechanical processing



Painting



Groups assembly



Assembly line



Component manufacturing



Testing



Training



Research and development dept.

The SCM Group is a world leader for woodworking machinery. In its fifty-year history the Group has installed two million machines in 120 countries worldwide. Today, the SCM Group has 3.000 employees, 18 production facilities and 23 overseas branches. It exports over 70% of its production. The companies comprising the Group include some of the most prestigious names and brands in the woodworking machinery industry. **SCM**, founder of the SCM Group, produces machinery for small, medium and large-sized companies and has become the world leader for the production of CNC routing machines. **MINIMAX** is a group company manufacturing machinery for small carpentry workshops and the woodworker. **ROUTECH** specialises in CNC machining centres and is a leading innovator for routing technology. **CMS** is renowned for its high-productivity industrial machining centres. **MORBIDELLI** is a leading producer of industrial drilling machines and lines for the furniture industry. **GABBIANI** has been renowned since the sixties for its panel saw lines. **DMC**, originally the mechanical engineering division of furniture maker Castelli, was acquired by the SCM Group in the eighties and today is a world leader for industrial sanding machinery for the furniture industry. **IDM** and **STEFANI** are two major names for edge banding machinery and operate today as a single manufacturing company

whose edge banders have become a benchmark for the European furniture industry. **MAHROS** produces automated handling and conveying systems for integrated production lines and manufacturing cells. **SCM GROUP ENGINEERING** designs and develops integrated systems. Companies of the **CMS Group** have recently joined the SCM Group adding expertise in woodworking machinery and glass and marble machines tools to the Group's already broad range of talents. SCM Group has always implemented a fully integrated manufacturing policy to guarantee that our customers get total quality. We prefer to do everything in-house. The Group has its own division specialising in the design and manufacture of electrical, electro-mechanical and electronic equipment. Our two foundries, leaders on the Italian market, produce the small, medium and large size castings needed for our products. We have a company specialising in structural steel work. The SCM Group has 20 years experience in professional training for the woodworking industry. Today our training strategy includes close collaboration with the Faculty of Engineering at the University of Bologna, the Fontys at Eindhoven in The Netherlands, the Wood Institute at the British Columbia University, Vancouver (Canada) and the Georgia Institute of Technology in Atlanta (USA). All SCM Group production facilities have **ISO 9001 quality assurance certification**.

# TECNOMAX

A brand of SCM GROUP

**100% made in Italy**



The **Tecnomax** brand has been created to identify the range of products for the professional woodworker, from universal combined machines through to single-function machines; it supports **Minimax** which has over 30 years experience in the woodworking machinery sector.

A well-established network of branches and distributors in 120 countries.

Our network of dealers offers a top quality after-sales service world-wide.

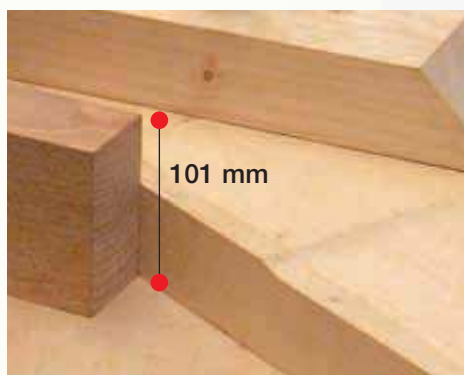


SINCERT



## S315 WS

- > Cutting height 101 mm
- > Wagon strokes in anodized aluminium: 2600/3200mm
- > Scoring unit with independent motor
- > Motor power up to 7,5 HP



Cutting height 101 mm



**S315 WS**

**TECNOMAX**

New automatic circular  
saws with titling blade  
S315 WS and S350 WS.

**Reliable, suitable, sure.  
A daily support for the  
wood industry.**



S315 WS in CE configuration



**S350 WS**

**TECNOMAX**

SINCERT



## S350 WS

- > Cutting height 118 mm
- > Wagon strokes in anodized aluminium: 2600/3200 mm
- > Scoring unit with independent motor
- > Motor power up to 7,5 HP

118 mm



Cutting height 118 mm



S350 WS in CE configuration



## S350 WS - S315 WS

### Sliding carriage

- > Top quality precision
- > Smooth, silent action
- > Long lasting accuracy

### Unrivalled cutting quality and finish

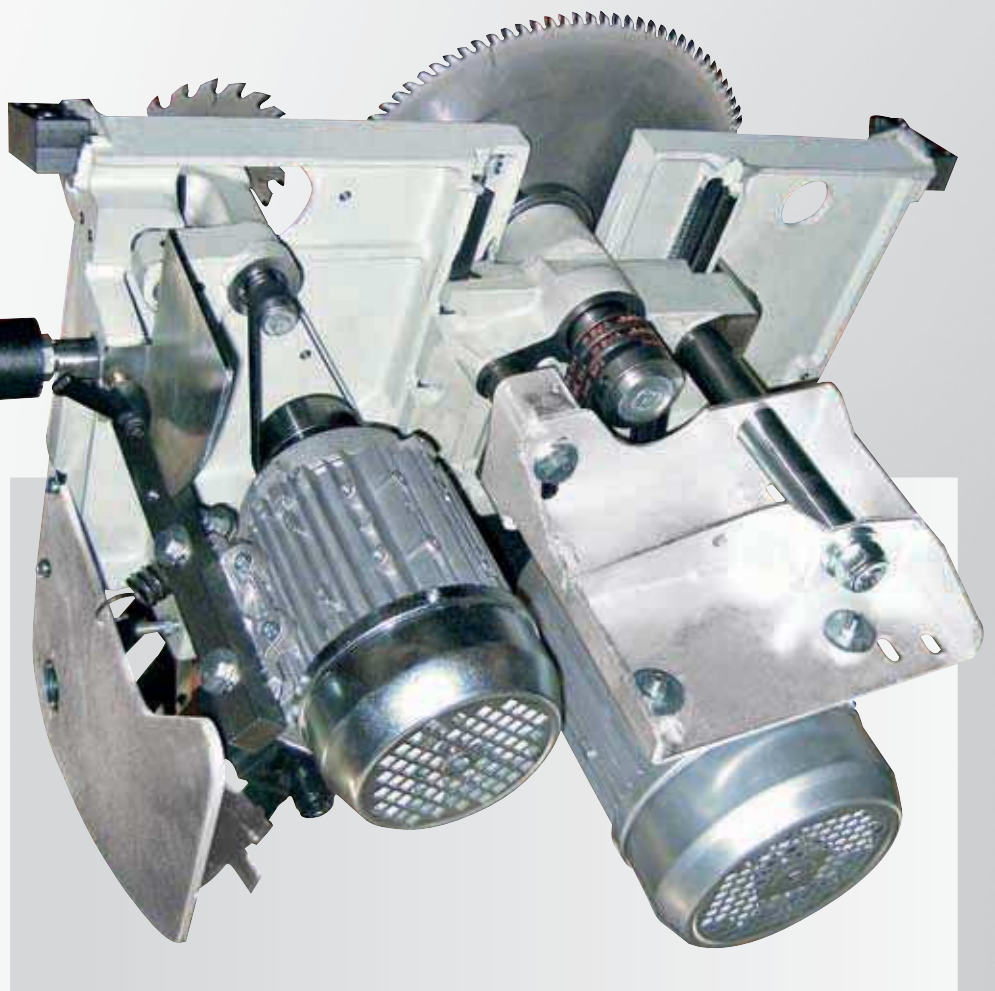
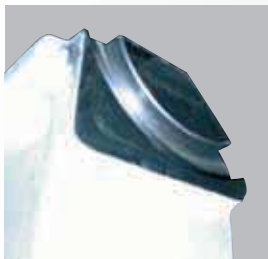
The system for carriage sliding is on hardened, ground, prism guides, which allows precise, straight cutting. Lasting precision is guaranteed by the exclusive assembly process.



**5-year guarantee!**

**No glue is used** to secure the guides, since the thickness could affect sliding. They are secured with a procedure for aluminium riveting along the entire length of the guide.

**Tilting blade unit** on cast iron trunnions. 3 speeds are available on request. Thanks to perfect balancing of the rotating parts it is completely vibration free, enabling it to be used for cutting very thick solid wood. The scoring saw, with independent motor, can be adjusted from the outside without spanners and allows rapid, precise positioning.





# The quality shows in the details

## Panel squaring

**Large squaring table** with idle roller at the end to make panel loading easy. The telescopic squaring fence with reversible stops allows 3200x3200 mm panels to be squared and cuts at an angle of up to 45° on both sides of the table.



- **Parallel cutting** up to 1270 mm,
- Anodized aluminium fence with sliding system on round bar of 45 mm diameter.
- Cast iron support with eccentric locking device
- Micrometric rack adjustment.



**The large saw table extension,** guarantees perfect support for the workpiece after cutting.

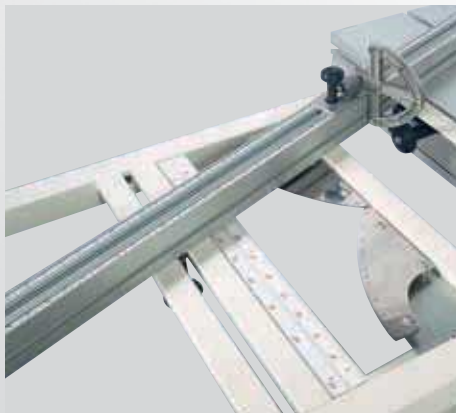


**S350 WS - S315 WS**

## Options



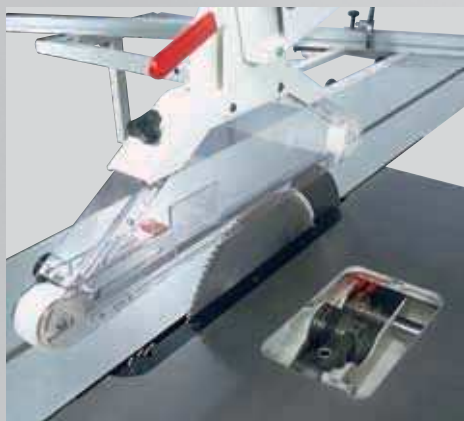
**Electric lifting** Power rise and fall to the saw very useful in case of frequent working thickness changes.



**Mitre device** for squaring table. For rapidly finding the most common angles with the squaring fence. Useful for mitre cuts on large workpieces.



**Independent mitre device.** This dedicated device can be used to rapidly perform mitre cuts without moving the main squaring fence. Recommended for mitre cuts on small workpieces.



**3 speeds for the saw blade**  
3500/4200/5000 r.p.m. Rapid speed change, with easy access from the main table.



**Digital display** for fence position for parallel cuts. Allows precise positioning thanks to the use of the magnetic strip sensor.



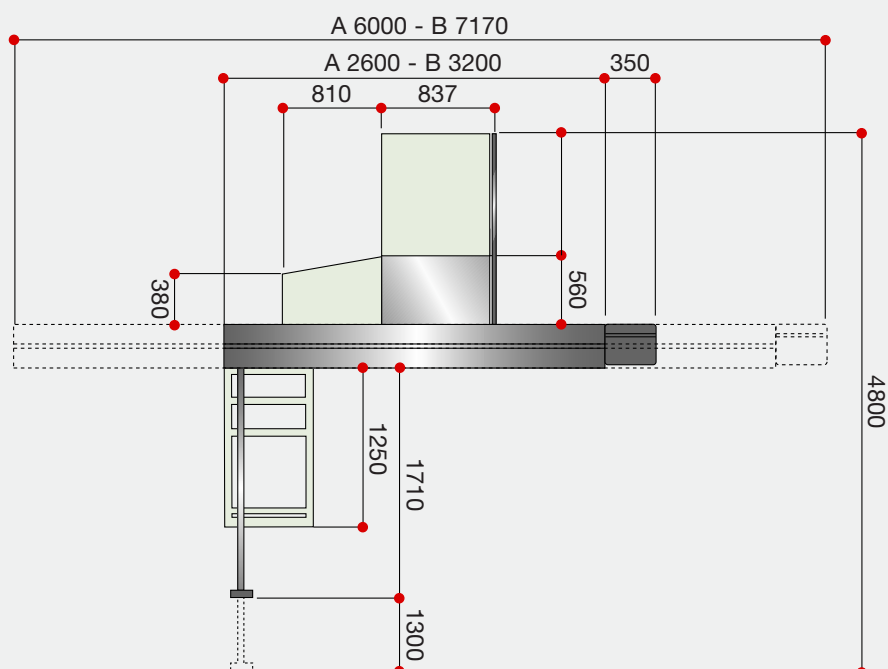
**Overhead blade protection**  
(standard on S350 WS in CE and Usa/Canada configuration)

**S350 WS - S315 WS****Technical specifications**

		<b>S315 WS</b>	<b>S350 WS</b>
Cutting capacity with standard scoring saw	mm	2600 (8,5')	2600 (8,5')
Cutting capacity with optional scoring saw	mm	3200 (10,5')	3200 (10,5')
Fences stops for squaring cuts extendable to	mm	3200	3200
Fixed worktable dimensions	mm	940x560	940x560
Cutting width with rip fence	mm	1270	1270
Blade diameter	mm	315	350
Blade spindle diameter	mm	30	30
Maximum cutting height at 90/45°		101/70	118/81
Saw blade speed	r. p. m.	4200	4200
Scoring blade diameter	mm	120	120
Scoring blade speed	r. p. m.	9200	9200
Scoring spindle diameter	mm	20	20
Exhaust hood behind the base, diam.	mm	120	120
Upper guard diameter	mm	60	100
Main motor power	Kw (Hp)	4 (5,5)	4 (5,5)
Scoring motor power	Kw (Hp)	0,55 (0,75)	0,55 (0,75)
Base machine net weight	Kg	760	800

**Options**

Saw carriage stroke 3200mm, motorized lifting of the blade group, mitre cut unit for squaring cuts, independent mitre cut unit, 3 speeds for the saw blade, digital readout for parallel fence position, three-phase motor 5,5 kW (7,5 Hp) or single-phase motor 1,8 Kw (2,5 Hp), overhead saw guard (standard in S350 WS in configuration CE and Usa/Canada)

**Dimensions S315 WS - S350 WS**

A = carriage 2600 mm  
B = carriage 3200 mm





# TECNOMAX

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