



All "Made in SCM Italy" From casting iron to finished product.

Come see our production plants and touch the quality of SCM machines; you will be our guest.



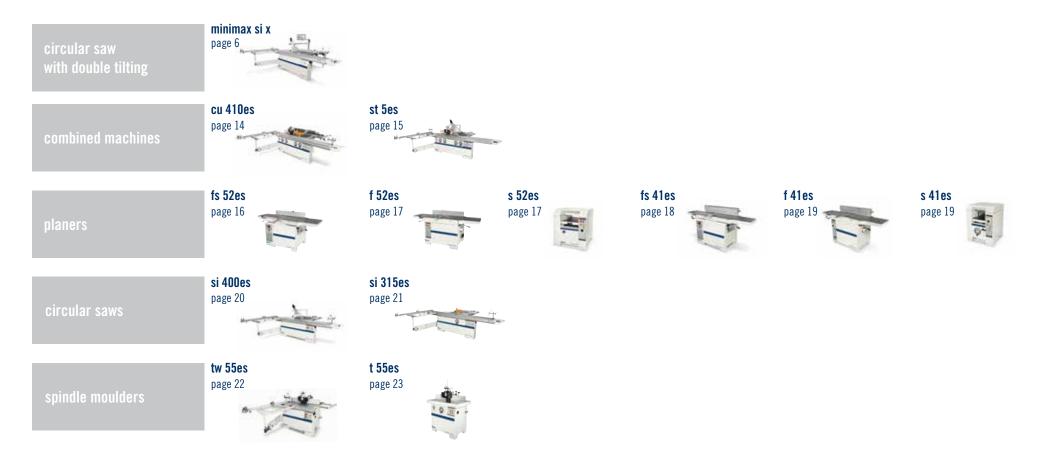
minimax the passion that deserves professional products.

minimax is the line of professional machines for woodworkers, a point of reference for over 40 years worldwide.

SCM's objective is to guarantee customers high quality technologies which meet their requirements in such a way as to make SCM the partner for any needs.

minimax si x e elite s

Maximum expression of professional performances and technology.





App Thundercut Technology at your fingertips

SCM Thundercut is the Optimizer/Sequencer App for mobile devices, that allows to optimize the panel surface and guides the operator through the cutting sequence.

High cut speed execution, less material waste and mistake odds minimized, even for not skilled workers!

Download it now from the AppStore and Google Play:

SCM Thundercut Available on the App Store



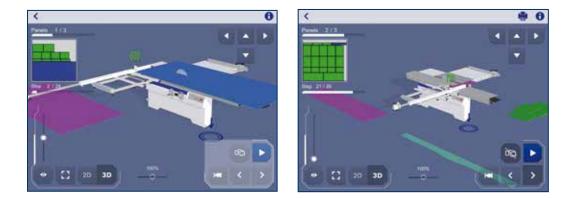
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You can manage your circular saws fleet, the material warehouse and many project you are working on.

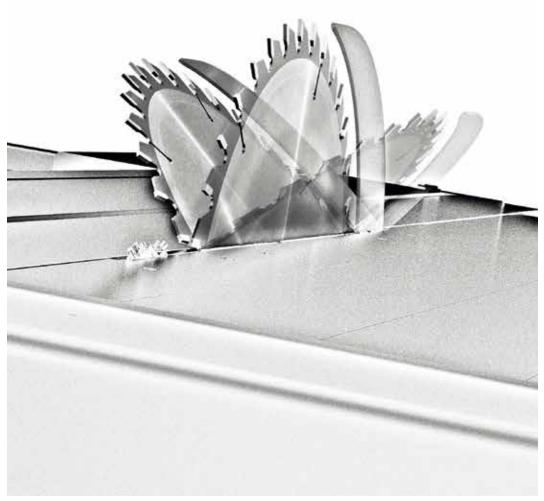


The 3D sequencer, thanks to its simple and clear design, suggest the ideal settings of the machine for every single cut to be executed.

The App is available for circular saws, circular saws with movable blade unit, saw-shaper combination machines and universal combination machines (you will find the QR code to activate the App in each new machine).



circular saw with double tilting minimax si x



	minimax si x
Max. saw blade diameter with installed scoring unit	mm 400
Max. saw blade projection from the table at 90°/+45°/-45°	mm 136 / 97 / 60
Saw blade rotating speed	mm 1270
Squaring stroke	mm 2600 ÷ 3200
Three-phase motor	kW 7
Find the complete technical specification at page 13	





Saw Unit double tilting



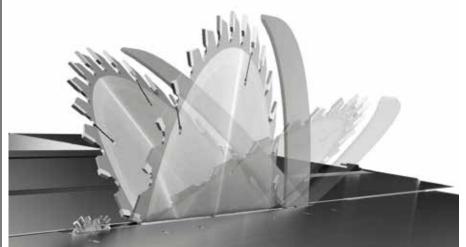
Programmed Movement simple and quick Ready 3/Ready 3 UP automatic positioning



SCM Thundercut Optimizer/ Sequencer App

Circular saw with $\pm 46^{\circ}$ double tilting sawblade. It allows simultaneous use of a 400 mm saw blade and 160 mm scoring blade both for 90° cutting and $\pm 46^{\circ}$ tilted cutting.

minimax si x machining units



double tilting at everybody's reach

The lifting of the blade unit is done by 2 ground cylindric bars.

0

The ±46° tilting of the unit is done by 2 wide semi-circular fences.



The scoring blade is adjustable from the outside without tools and allows fast and accurate positioning with no play.

sturdy structure

Saw Unit with ±46° double tilting. Saw unit with a stiff cast-iron structure which can accommodate a blade of 400 mm diameter with scoring blade installed. It ensures a perfect and easy cutting of veneer panels and solid wood material with very high thickness. The saw blade uses 100% of the motor power, thanks to the scoring blade with an independent motor as standard.

Two positions overhead blade protection, for totally safe machining.



Exceptional accuracy and smoothness to secure the guides it is not used glue, since the thickness could affect sliding. They are secured with a **procedure of aluminum riveting.**

unrivalled cutting finishing

Sliding Carriage. Optimal support also to larger pieces, with the new sliding carriage, 360 mm wide.

smooth, rapid and precise positioning

Parallel Fence.

Sliding of the parallel fence support on round bar with micrometric adjustment. The support can be also equipped with digital readout for fence position with detecting system on magnetic band (option). The fence can be easily excluded from the working area when it isn't used.

immediate control

Squaring Frame and Fence. Panel loading is easy on the large squaring frame with an idle roller at the end. The telescopic squaring fence with the inclined metric scale and two reversible stops can be used to square panels measuring 3200x3200 mm and for tilted cuts at up to 45° on both sides of the frame.

minimax si x electronic controls

Simple and quick **Programmed Movement.** The "Ready" control manages the powered and programmed movement of the saw blade unit increasing productivity and working quality.



Ready 3 / Ready 3 UP Automatic positioning of the parallel fence, from "Ready" control (3 axes). Programmed or manual fence movement with a hold-down drive for the maximum versatility. In addition, the Ready 3 UP version has the control on the mobile control panel. (option)



Digital Readout for the Fence Position on the Parallel Fence. It allows precise positioning with the magnetic strip sensor. (option)

maximum practicality

Pushbuttons integrated in the Sliding Carriage. The possibility to start or stop the blades motors from the pushbuttons located at the ends of the carriage considerably helps when machining large dimensioned panels. (option)

minimax si x main optional devices

tablet holder on the sliding carriage Compatible with tablets from 8" to 11".









adjustable tablet holder positioned on the mobile control panel Compatible with tablets from 7" to 13". It is equipped with USB port for power supply positioned on the mobile control panel.

minimax si x main optional devices

Compex To rapidly obtain angular cuttings with automatic self-adjustment of the stops position.

angular cutting device with flip-over stops To rapidly perform mitre cuts without moving the squaring fence. Recommended for mitre cuts on small work pieces.

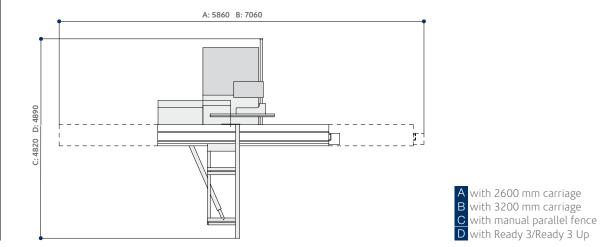


EXPANDABLE SCORING blade Manually expandable with variable thickness from 3,5 to 4,5 mm (blade diameter: 160 mm).



pre-set angular cutting device directly positioned on squaring frame To find rapidly the most common angles with the squaring fence. Useful for large work pieces.

minimax si x dimensions and technical data





		minimax si x
Cast-iron saw table dimensions	mm	1000 x 685
Blades tilting		-46° ÷ +46°
Max. saw blade diameter with installed scoring unit	mm	400
Max. saw blade projection from the table at 90°/+45°/-45°	mm	136/97/60
Squaring stroke	mm	2600 ÷ 3200
Cutting width on parallel fence	mm	1270
other technical features		
Three-phase motor 7 kW (9,5 hp) 50 Hz - 8 kW (11 hp) 60 Hz		S
"SCM Thundercut" Optimizer/Sequencer App		S
Exhaust hoods diameter:		
- at the base	mm	120
- on overhead protection	mm	80
Pushbuttons integrated in the sliding carriage		0
Squaring frame with "Compex" device		0
Versions "Ready 3" and "Ready 3 UP"		0
Digital readout for the fence position on the parallel fence		0
Angular cutting device with flip-over stops		0
Pre-set angular cutting device directly positioned on squaring frame		0
Adjustable tablet holder positioned on the mobile control panel		0
Tablet holder on the sliding carriage		0
N.2 sawblades speeds (3500/5000 rpm)		0



		cu 410es	st 5es
Planer useful working width	mm	410	-
Total length of surfacing tables	mm	2200	-
Max. saw blade diameter with scoring blade installed	mm	350	350
Squaring stroke	mm	2250 ÷ 3200	2250 ÷ 3200
Max. spindle length	mm	125	125
Three-phase motors starting from	kW/Hz	5 (6) / 50 (60)	5 (6) / 50 (60)
Find the complete technical specification at page 28			





Saw Unit unique worldwide

Squaring Fence immediate control Spindle Moulder unsurpassed moulding



Front Handwheels ergonomic **Sliding Carriage** unrivalled cutting finishing



SCM Thundercut Optimizer/ Sequencer App

Technology and professional performances in the woodworking combined machines, for an unmatchable working precision.



		fs 52es	f 52es	s 52es
Planer useful working width	mm	520	520	520
Cutter block diameter (mm)/no. of standard knives	mm/n.	120 / 4	120/4	120 / 4
Total length of surfacing tables	mm	2250	2250	-
Min. ÷ max. working height on thicknesser	mm	3 ÷ 240	-	3 ÷ 240
Three-phase motors starting from	kW/Hz	7 (8) / 50 (60)	5 (6) / 50 (60)	7 (8) / 50 (60)
Find the complete technical specification at page 28				

Cescm

minimax fs 52es







Planer Cutter Block perfect finishing





Surfacing Tables fast set-up

Xylent absolute silence



Planing Fence absolute rigidity

Professional planers at an accessible price, for woodworking shops and demanding craftsmen that require high standard and no compromises.

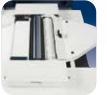




		fs 41es	f 41es	s 41es
Planer useful working width	mm	410	410	410
Cutter block diameter (mm)/no. of standard knives	mm/n.	95 / 4	95 / 4	95 / 4
Total length of surfacing tables	mm	2200	2200	-
Min. ÷ max. working height on thicknesser	mm	3 ÷ 240	-	3 ÷ 240
Three-phase motors starting from	kW/Hz	5 (6) / 50 (60)	5 (6) / 50 (60)	5 (6) / 50 (60)
Find the complete technical specification at page 28				













Surfacing Tables fast set-up

Xylent absolute silence



Planing Fence absolute rigidity

Professional planers at an accessible price, for woodworking shops and demanding craftsmen that require high standard and no compromises.



		si 400es	si 315es
Max. saw blade diameter with installed scoring unit	mm	400	315
Max. saw blade projection from the table at 90°/45°	mm	138/98	101 / 71
Cutting width on parallel fence	mm	1270	1270
Squaring stroke	mm	2600 ÷ 3200	2600 ÷ 3200
Three-phase motors power starting from	kW/Hz	5 (6) / 50 (60)	5 (6) / 50 (60)
Find the complete technical specification at page 28			





Saw Unit unique worldwide



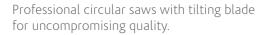
Squaring Fence immediate control

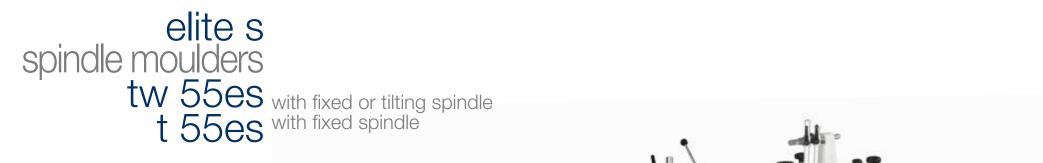
Sliding Carriage unrivalled cutting finishing



SCM Thundercut Optimizer/ Sequencer App Programmed Fence for parallel cuttings

Thundercut







		tw 55es	t 55es
Max. useful spindle length	mm	125	125
Max. tool diameter when profiling	mm	210 ÷ 240	210÷240
Max. tool diameter lowered under the table at 90°	mm	240	240
Max. tool diameter when tenoning	mm	320 (300 no CE)	-
Three-phase motors strarting from	kW/Hz	5 (6) / 50 (60)	5 (6) / 50 (60)
Find the complete technical specification at page 28			



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Cisco



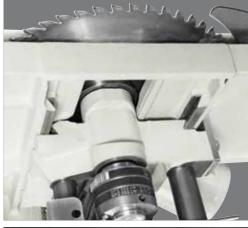
minimax t 55es

Spindle Moulder unsurpassed moulding



Sliding Carriage unrivalled cutting finishing

The professional spindle moulders that allow for customization and flexibility, for woodworking shops and demanding craftsmen.



The rotation fulcrums of the saw unit have a 120 mm diameter and stand on steady 90°÷ 45° crescent shaped rests the base: a rigid



The lifting of the blade unit is done by a robust cast iron structure with dovetail system.

unique worldwide Saw Unit

elite s machining units

ARA

Unique in the world in its category, with a cutting height of 118 mm. The cast iron saw unit with a rigid **closed loop structure** can accommodate a blade of 315 and 350 mm diameter (up to 400 mm for si 400es) with the scoring blade mounted, ensuring perfect and easy cutting of veneer panels and thick solid wood material. The saw blade uses 100% of the motor power, thanks to the scoring blade with an independent motor as standard.

The scoring blade is adjustable from the outside without tools and allows fast and accurate positioning with no play.

that separate it from

reliable solution.

high-tech devices Controls on Carriage.

Wide range of high-tech devices to make your elite s even more powerful and personalized, like the **start/stop pushbuttons for the main blade and scoring blade integrated in the sliding carriage;** very useful when machining large dimensioned work pieces that prevent an easy and safe access to the main machine control panel.

immediate control

Squaring Frame and Fence.

Panel loading is easy on the large squaring frame with an idle roller at the end. **The telescopic squaring fence with the inclined metric scale and two reversible stops** can be used to square panels measuring 3200x3200 mm and for tilted cuts at up to 45° on both sides of the frame.

unrivalled cutting finishing **Sliding Carriage.**

nax si alse

Optimal support also to larger pieces, with the **sliding carriage 360 mm wide**. Exceptional precision and smoothness: to secure the guides it is not used glue, since the thickness could affect sliding. They are secured with a procedure of aluminum riveting. absolute rigidity Planing Fence. High rigid fence with a smooth movement thanks to the central locking on round bar.

elite s machining units

stability over time

Tables Lifting.

Comfortable and precise planing. The *elite s* range adopt ergonomic solutions like the **2200 mm surfacing tables**, in ribbed cast iron, **with simultaneous opening** towards the inside of the machine with a 90° angle. For a maximum long lasting stability the cast iron thicknessing table lifts on **4 spindles with trapezoidal threads dust protected**.

perfect finishing Planer Cutter Block.

An optimal planing with minimal effort, thanks to the 95 mm diameter cutter block (120 mm in planers of 520 mm working width) and 4 knives. For an impeccable finish the pressure of the thicknesser feed rollers can be adjusted according to the type of wood machined. The roller infeed (A) has a **helicoidal profile** to guarantee firm and constant work piece feed, while the outfeed roller (B) in sandblasted steel maintains the perfect post-processing finishing.

rerere

The spindle is surrounded by a cast iron "cup" to **protect the internal mechanical components** from shavings and sawdust.

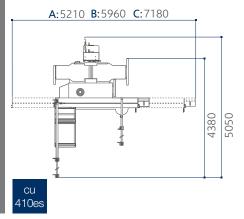
unsurpassed molulding Spindle Moulder.

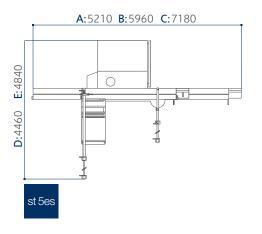
Maximum stability and rigidity in all working conditions, thanks to a large spindle moulder column made entirely of cast iron. The 4 standard speed are ideal for any type of machining, from moulding to routing and tenoning, with the possibility to fit tools up to 320 mm of diameter (300 mm no CE).

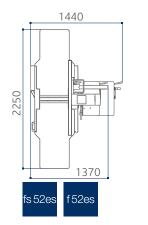
high-tech devices Moulder Fence.

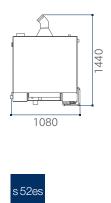
The spindle moulder hood uses a system for adjusting the guides with a rack and it is fitted with a mechanical digital readout. Thanks to the **system of memories** (on *t* 55es and *tw* 55es available as option) the hood can be removed and repositioned without losing the machining position. The maximum tool diameter mounted on the spindle lowered under the table at 90° is 240 mm. On request it is available with a spindle that tilts 45° (towards the inside of the machine).

elite s dimensions and technical data





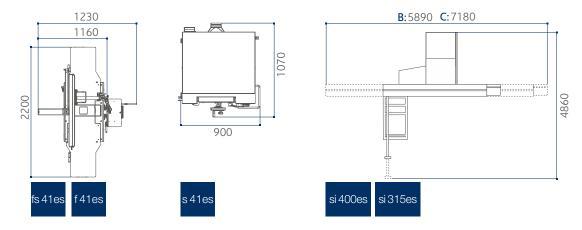


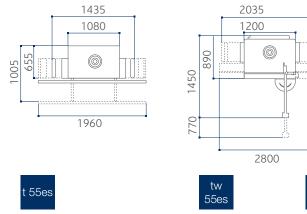


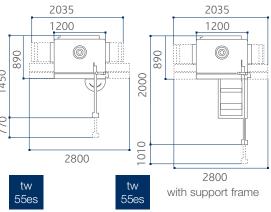
A with 2250 mm carriage B with 2600 mm carriage C with 3200 mm carriage D with 900 mm cutting width * E with 1270 mm cutting width * * at the parallel fence

planerWorking widthmm410-520Outter block diameter (mm/ho. of standard knivesmm/n.95 / 4-120 / 4Dimensions of standard knivesmm410 x 30 x 3-520 x 30 x 3Dimensions of standard knivesmm5-520Surfacing tables total lenghtmm2200-2250Thicknessing tables dimensionsmm410 x 775-520 x 850Feed speed on thicknesserm/min6 / 12-3 + 240Circular sawmm3 + 240-3 + 240Circular sawmm1380 x 4651380 x 465-Saw blade diameter with scoring blade installedmm350350-Max. saw blade projection from table at 90%45°mm2250 + 3200Spindle moulder worktable dimensionsmm118 / 84118 / 84-Squaring strokemm2250 + 32002250 + 3200Cutting width on parallel fencemm126127Spindle moulder speeds (at 50 Hz)rpm240240Max. tool diameter when profilingmm240240Max. tool diameter when profilingmm240240Spindle moulder speeds (at 50 Hz)rpm300/6000/8000/10.000300/6000/8000/10.000Max. tool diameter when profilingmm240240Max. tool diameter wh			cu 410es	st 5es	fs 52es
Cutter block diameter (mm/ho. of standard knives mm/n. 95 / 4 - 120 / 4 Dimensions of standard knives mm 410 x 30 x 3 - 520 x 30 x 3 Max. stock removal mm 5 - 5 Surfacing tables total lenght mm 2200 - 2250 Thicknessing tables dimensions mm 410 x 775 - 520 x 850 Feed speed on thicknesser m/min 6 / 12 - 5 / 8 / 12 / 18 Min. + max. working height on thicknesser mm 3 + 240 - 3 + 240 Cast iron saw-spindle moulder worktable dimensions mm 1380 x 465 1380 x 465 - Saw blade tilting 90° + 45° 90° + 45° - - - Max. saw blade diameter with scoring blade installed mm 350 350 - - Squaring stroke mm 118 / 84 118 / 84 18 96 - Gutting with on parallel fence mm 125 125 - - Spindle moulder speeds (at	planer				
Cutter block diameter (mm/ho. of standard knives mm/n. 95 / 4 - 120 / 4 Dimensions of standard knives mm 410 x 30 x 3 - 520 x 30 x 3 Max. stock removal mm 5 - 5 Surfacing tables total lenght mm 2200 - 2250 Thicknessing tables dimensions mm 410 x 775 - 520 x 850 Feed speed on thicknesser m/min 6 / 12 - 5 / 8 / 12 / 18 Min. + max. working height on thicknesser mm 3 + 240 - 3 + 240 Cast iron saw-spindle moulder worktable dimensions mm 1380 x 465 1380 x 465 - Saw blade tilting 90° + 45° 90° + 45° - - - Max. saw blade diameter with scoring blade installed mm 350 350 - - Squaring stroke mm 118 / 84 118 / 84 18 96 - Gutting with on parallel fence mm 125 125 - - Spindle moulder speeds (at	Working width	mm	410	-	520
Max. stock removal mm 5 - 5 Surfacing tables dual lenght mm 2200 - 2250 Thicknessing tables dimensions mm 410 x 775 - 578 / 12 / 18 Feed speed on thicknesser m/min 6 / 12 - 5 / 8 / 12 / 18 Min. + max. working height on thicknesser m/min 6 / 12 - 3 + 240 Cast iron saw-spindle moulder worktable dimensions mm 1380 x 465 1380 x 465 - Saw blade tilting 90° + 45° 90° + 45° - - - Max. saw blade projection from table at 90°/45° mm 118 / 84 118 / 84 - Squaring stroke mm 2250 + 3200 - - - Cutting width on parallel fence mm 1000 900 + 1270 - - Spindle mouder mm 240 240 - - - Max. useful spindle lenght mm 125 125 - - - Spindle moulder speeds (at 50 Hz) mm 240 240 - - -	Cutter block diameter (mm)/no. of standard knives	mm/n.	95 / 4	-	120/4
Surfacing tables total lenghtmm2200-2250Thicknessing tables dimensionsmm410 x 775-520 x 850Feed speed on thicknesserm/min $6/12$ - $5/8/12/18$ Min. \div max. working height on thicknessermm $3 \div 240$ - $3 \div 240$ Cast iron saw-spindle moulder worktable dimensionsmm $1380 x 465$ $380 x 465$ -Saw blade tilting $90^\circ \div 45^\circ$ $90^\circ \div 45^\circ$ Max. saw blade projection from table at $90^\circ/45^\circ$ mm $118/84$ 118/84-Squaring strokemm $2250 \div 3200$ $2250 \div 3200$ Cutting width on parallel fencemm 1000 $900 \div 1270$ Max. useful spindle noulder when profilingmm 125 Max. useful spindle noulder the table at 90° mm 240 240Max. useful spindle lenghtmm 125 Max. useful spindle hunder the table at 90° mm 240 240Max. tool diameter when profilingmm 240 240Max. tool diameter when tenoningmm $220(300 no CE)$ $320(300 no CE)$ Three-phase motors $5 kW (6, hp) 50 Hz - 6 kW (8 hp) 60 Hz$ SSSThree-phase motors $7 kW (9, 5hp) 50 Hz - 11 kW (15 hp) 60 Hz$ Single-phase motors $7 kW (12, hp) 50 Hz - 11 kW (15 hp) 60 Hz$	Dimensions of standard knives	mm	410 x 30 x 3	-	520 x 30 x 3
Thicknessing tables dimensions mm 410 x 775 - 520 x 850 Feed op thicknesser mm 6 / 12 - 5 / 8 / 12 / 18 Feed op thicknesser mm 3 ÷ 240 - 3 ÷ 240 circular saw mm 1380 x 465 1380 x 465 - - Saw blade tilting 90° ÷ 45° 90° ÷ 45° - - - Max. saw blade diameter with scoring blade installed mm 350 350 - - Max. saw blade projection from table at 90°/45° mm 118 / 84 118 / 84 - - Squaring stroke mm 1000 900 ÷ 1270 - - - Cutting width on parallel fence mm 1000 900 ÷ 1270 - - Spindle mouder mm 125 125 - - Max. useful spindle lenght rpm 3500/6000/8000/10:000 3500/6000/8000/10:000 - - Max. tool diameter when profiling mm 240 240 - - - Max. tool diameter when tenoning mm 220 (300 no CE) <		mm	5	-	5
Feed speed on thicknesser m/min 6 / 12 - 5 / 8 / 12 / 18 Min. + max. working height on thicknesser mm 3 ÷ 240 - 3 ÷ 240 Cast iron saw-spindle moulder worktable dimensions mm 1380 x 465 1380 x 465 - Saw blade titting 90° ÷ 45° 90° ÷ 45° - - Max. saw blade diameter with scoring blade installed mm 350 350 - Max. saw blade projection from table at 90°/45° mm 118 / 84 - - Squaring stroke mm 2250 ÷ 3200 2250 ÷ 3200 - - Cutting width on parallel fence mm 1000 900 ÷ 1270 - spindle mouder mm 125 125 - Spindle mouder speeds (at 50 Hz) rpm 3500/6000/8000/10.000 3500/6000/8000/10.000 - Max. tool diameter when profiling mm 240 - - - Max. diameter of tool lowered under the table at 90° mm 240 240 - Max. tool diameter when profiling		mm	2200	-	2250
Min. ÷ max. working height on thicknesser mm 3 ÷ 240 - 3 ÷ 240 circular saw - 3 ÷ 240 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - <td></td> <td>mm</td> <td>410 x 775</td> <td>-</td> <td>520 x 850</td>		mm	410 x 775	-	520 x 850
circular saw mm 1380 x 465 1380 x 465 - Saw blade tilting 90° ÷ 45° 90° ÷ 45° - Max, saw blade diameter with scoring blade installed mm 350 350 - Max, saw blade projection from table at 90°/45° mm 118 / 84 118 / 84 - Squaring stroke mm 2250 ÷ 3200 2250 ÷ 3200 - Cutting width on parallel fence mm 1000 900 ÷ 1270 - Spindle mouder mm 125 125 - - Max, useful spindle lenght mm 125 125 - - Spindle moulder speeds (at 50 Hz) rpm 3500/6000/8000/10.000 3500/6000/8000/10.000 - Max, tool diameter when profiling mm 240 240 - Max, tool diameter when tenoning mm 320 (300 no CE) 320 (300 no CE) - Three-phase motors 7 kW (9,5 hp) 50 Hz - 6 kW (8 hp) 60 Hz S S - - Three-phase motors 7 kW (12 hp) 50 Hz - 11 kW (15 hp) 60 Hz S S	Feed speed on thicknesser	m/min	6/12	-	5/8/12/18
Cast iron saw-spindle moulder worktable dimensions mm 1380 x 465 1380 x 465 - Saw blade tilting 90° ÷ 45° 90° ÷ 45° - - Max. saw blade diameter with scoring blade installed mm 350 350 - Max. saw blade projection from table at 90°/45° mm 118 / 84 118 / 84 - Squaring stroke mm 2250 ÷ 3200 2250 ÷ 3200 - Cutting width on parallel fence mm 1000 900 ÷ 1270 - spindle mouder mm 125 125 - Max. useful spindle lenght mm 240 240 - Spindle moulder speeds (at 50 Hz) mm 240 240 - Max. diameter of tool lowered under the table at 90° mm 240 240 - Max. tool diameter when profiling mm 320 (300 no CE) 320 (300 no CE) - Max. tool diameter when tenoning mm 320 (300 no CE) - - Other technical features - - - - - Three-phase motors 5 kW (9,5 hp) 50 Hz - 6 kW (8 hp) 60 Hz S	Min. ÷ max. working height on thicknesser	mm	3 ÷ 240	-	3 ÷ 240
Saw blade tilting 90° ÷ 45° 90° ÷ 45° - Max. saw blade diameter with scoring blade installed mm 350 - Max. saw blade projection from table at 90°/45° mm 118 / 84 - Max. saw blade projection from table at 90°/45° mm 118 / 84 - Gutting width on parallel fence mm 2250 ÷ 3200 - Cutting width on parallel fence mm 1000 900 ÷ 1270 - spindle mouder mm 1000 900 ÷ 1270 - Max. useful spindle lenght mm 125 125 - Spindle moulder speeds (at 50 Hz) rpm 3500/6000/8000/10.000 3500/6000/8000/10.000 Max. tool diameter when profiling mm 240 240 - Max. tool diameter when profiling mm 320 (300 no CE) 320 (300 no CE) - Max. tool diameter when tenoning mm 320 (300 no CE) 320 (300 no CE) - other technical features Three-phase motors 5 kW (6,6 hp) 50 Hz - 6 kW (8 hp) 60 Hz S S - Three-phase motors 7 kW (9,5 hp) 50 Hz - 11 kW (15 hp) 60 Hz - - O					
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Cutting width on parallel fence mm 1000 900 ÷ 1270 - spindle mouder Max. useful spindle lenght mm 125 125 - Max. useful spindle lenght mm 125 125 - - Spindle moulder speeds (at 50 Hz) rpm 3500/6000/8000/10.000 3500/6000/8000/10.000 - Max. tool diameter when profiling mm 240 240 - Max. diameter of tool lowered under the table at 90° mm 240 240 - Max. tool diameter when tenoning mm 320 (300 no CE) 320 (300 no CE) - - other technical features r r S S - - Three-phase motors 5 kW (6,6 hp) 50 Hz - 6 kW (8 hp) 60 Hz S S - - - Three-phase motors 7 kW (9,5 hp) 50 Hz - 11 kW (15 hp) 60 Hz S S - - - with automatic star-delta start - - - - - - Single-phase motors 2,2 kW (3 hp) 50 Hz - - - - - - Single-phase motors S13,6 kW (mm	118 / 84	118 / 84	-
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Single-phase motors S1 3,6 kW (4,8 hp) 60 Hz O O O	with automatic star-delta start		-	-	0
Exhaust outlets diametermm120120120					
	Exhaust outlets diameter	mm	120	120	120









f 52es	s 52es	fs 41es	f 41es	s 41es	si 400es	si 315es	tw 55es	t 55es
520	520	410	410	410	-	-	-	-
120/4	120/4	95/4	95/4	95/4	-	-	-	-
520 x 30 x 3	520 x 30 x 3	410 x 30 x 3	410 x 30 x 3	410 x 30 x 3	-	-	-	-
5	5	5	5	5	-	-	-	-
2250	-	2200	2200	-	-	-	-	-
-	520 x 850	410 x 775	-	410 x 775	-	-	-	-
-	5/8/12/18	6/12	-	6/12	-	-	-	-
-	3 ÷ 240	3 ÷ 240	-	3 ÷ 240	-	-	-	-
_	-	-	-	-	940 x 560	940 x 560	-	-
-	-	-	-	-	90° ÷ 45°	90° ÷ 45°	-	-
	-	-	-	-	400	315	-	-
	-	-	-	-	138/98	101 / 71	-	-
-	-	-	-	-	2600 ÷ 3200	2600 ÷ 3200	-	-
	-	-	-	-	1270	1270	-	-
-	-	-	-	-	-	-	125	125
	-	-	-	-	-	-		0.000 3500/6000/8000/10.000
	-	-	-	-	-	-	210 ÷ 240	210 ÷ 240
	-	-	-	-	-	-	240	240
-	-	-	-	-	-	-	320 (300 no CE)	-
S	-	S	S	S	S	S	S	S
0	S	0	-	0	0	0	0	0
-	0	-	-	-	-	-	-	-
	-	_	-	_	_	-	0	0
0	0	0	0	0	0	0	0	0
120	120	120	120	120	120	120	120	120
I L U	120	120	120		120	120	120	

elite s main optional devices

To rapidly perform mitre cuts without moving the squaring fence. Recommended for mitre cuts on small work pieces.



additional table on the sliding carriage For the support of large dimensioned panels.

pre-set angular cutting device directly positioned on squaring frame To find rapidly the most common angles with the squaring fence. Useful for large work pieces.





minimax si 315es

digital readout It allows precise positioning with the magnetic strip sensor.

tablet holder on the sliding carriage Compatible with tablets from 8" to 11".



Drilling holes and mortises are easily carried out. It is equipped with an exhaust hood, 120 mm diameter and 16 mm chuck.



maintenance case for "Xylent" spiralknife

It consists of:

- 1 cleaning/degreasing liquid bottle for the resins cleaning
- 1 set dynamometric key
- 2 bit Torx
- 10 inserts
- 5 screws
- 1 brass bristle brush to clean the spindle with mounted in inserts
- 1 steel bristle brush to clean the inserts housings



The 3 spiralknives give an exceptional finish. Reduced noise during machining provides a more comfortable working environment. It also improves the dust extraction due to the production of very small chips. Each cutter has 4 tips which can be rotated into the cutting position when worn. Therefore, increasing the production life of the cutter block before knives require replacement.

"Tersa" cutter block

Automatic knives clamping by means of the centrifugal force ensures safe and precise machining. The system, without fixing screws, makes knives substitution extremely fast.



additional overturning fence for thin work pieces It ensures optimum operator safety when machining thin work pieces.

elite s main optional devices

rapidly substituted without

the necessity of adjustment.





 \frown

Chuck with clamp It allows harder machining thanks to the stronger bits. The chuck includes 3 clamps 5/10/16 mm.

thicknessing table with two removable idle rollers It assists the feed for demanding pieces.





thicknessing table extension to be used in infeed or outfeed It can be installed on the worktable end side.



pushbuttons integrate in the sliding carriag

The possibility to start or stop the blades motors from the pushbuttons located at the ends of the carriage considerably helps when machining large dimensioned panels.



Ready 3 / programmed parallel fence Automatic parallel fence positioning, available for version with 1 and 3 axes.



Dado set Mechanical presetting to use a tool (not included) in place of the main blade.

.

Compex

stops position.

To rapidly obtain angular cuttings with automatic self-adjustment of the



digital readouts On squaring stops with micrometric adjustment.

elite s main optional devices

interchangeable spindle (A) For a very quick spindle substitution. Among the spare spindle, it is available also the spindle for router bits. (B)





tenoning table and protection hood

For the tenoning operations on the spindle moulder. It consists of: - table

- protection hood for tools, 320 mm diameter (300 mm USA/Canada)
- exhaust hood, 120 mm diameter



spindle moulder For the machining of work pieces with large dimensions.

with other parts of the machine.

for feeder This solution allows a total exclusion of the device and prevents interference

powered handling of the operating groups with digital readouts For the best precision and easy-to-use.



elite s main optional devices

S Standard O Option * Standard for CE and USA/Canada versions

	cu 410es	st 5es	fs 52es	f 52es	s 52es	fs 41es	f 41es	s 41es	si 400es	si 315es	tw 55es	t 55es
"CONTRACTOR A CONTRACTOR AND AND A CONTRACTOR AND AND A CONTRACTOR AND A C	Cu 41063	51 JES						54105	51 40065	5101065	100 0000	1 3365
"SCM Thundercut" Optimizer/Sequencer App	5	5	-	-	-	-	-	-	5	S	-	-
Angular cutting device with flip-over stops	0	0	-	-	-	-	-	-	0	0	-	-
Pre-set angular cutting device directly positioned	0	0	_	_	_	_	_	_	0	0	_	_
on squaring frame	0	0							0	0		
Digital readout for the fence position on the parallel fence	-	0	-	-	-	-	-	-	0	0	-	-
Start/stop pushbuttons for the saw blade and scoring blade	0	0							0	0		
integrated in the sliding carriage	0	0	-	-	-	-	-	-	0	0	-	-
Additional table on the sliding carriage	0	0	-	-	-	-	-	-	0	0	-	-
Overhead blade protection	-	0*	-	-	-	-	-	-	0*	0	-	-
"Tersa" cutter block	0	-	0	0	0	0	0	0	-	-	-	-
"Xylent" spiralknife cutter block with 3 series of knives	0	-	0	0	0	0	0	0	-	-	-	-
Maintenance case for "Xylent" spiralknife	0	-	0	0	0	0	0	0	-	-	-	-
Cast iron mortiser	0	-	0	0	-	0	0	-	-	-	-	-
Self-centering chuck 0-16 mm "Wescott" type	0	-	0	0	-	0	0	-	-	-	-	-
Chuck with clamp	0	-	0	0	-	0	0	-	-	-	-	-
Thicknessing table with two removable idle rollers	-	-	0	-	0	-	-	-	-	-	-	-
Additional overturning fence for thin work pieces	-	-	0	0	-	0	0	-	-	-	-	-
Tenoning table and protection hood	0	0	-	-	-	-	-	-	-	-	0	-
Electric pre-setting and flip over support for feeder	0	0	-	-	-	-	-	-	-	-	0	-
Interchangeable spindle	0	0	-	-	-	-	-	-	-	-	0	0
Roller telescopic extensions for spindle moulder	-	-	-	-	-	-	-	-	-	-	0	0
Powered handling of the operating groups with digital readouts	0	0	0	-	S	0	-	0	0	0	0	-
Compex	0	0	-	-	-	-	-	-	0	0	-	-
Dado set	-	0	-	-	-	-	-	-	0	0	-	-
Digital readouts	0	0	-	-	-	-	-	-	0	0	-	-
Ready 3 / Programmed parallel fence	-	-	-	-	-	-	-	-	0	0	-	-
Tablet holder on the sliding carriage	0	0	-	-	-	-	-	-	0	0	-	-
Thicknessing table extension to be used in infeed or outfeed	-	-	0	-	0	-	-	-	-	-	-	-



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- My Scm portal opening of service ticket and single point of access to the apps and Services tools

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90% export

20 foreign branches
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500 support technicians
500 registered patents

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SPINDLES AND TECHNOLOGICAL COMPONENTS	ELECTRIC PANELS	METALWORK				

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