

joinery machines

minimax *line*
genius range



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00L0593186C



woodworking technology

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.

genius

All the minimax quality at the more accessible price.

universal combined
machines

c 30g
page 6



c 26g
page 7



combined machines

fs 30g
page 8



st 1g
page 8



circular saw

sc 1g
page 9





App Thundercut

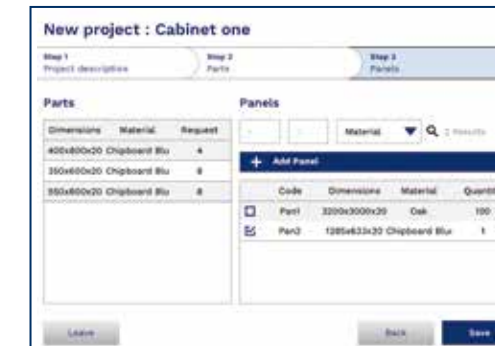
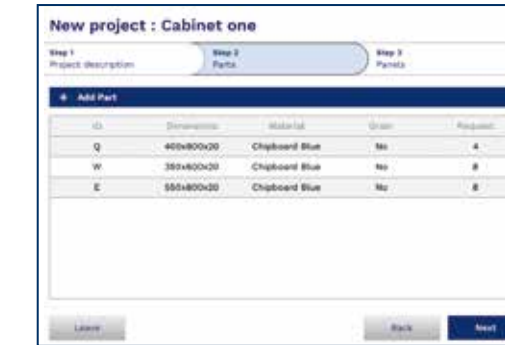
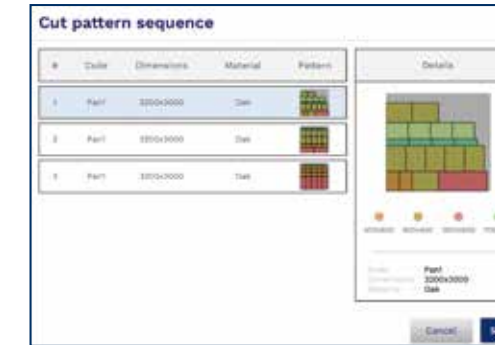
Technology at your fingertips

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.

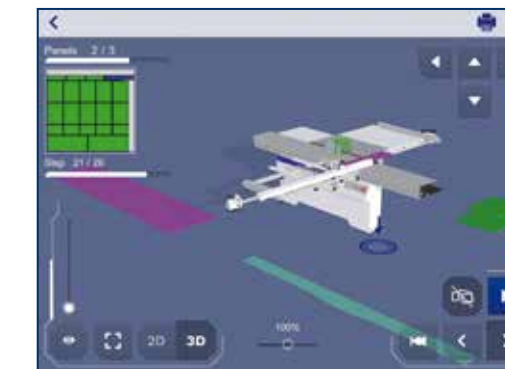
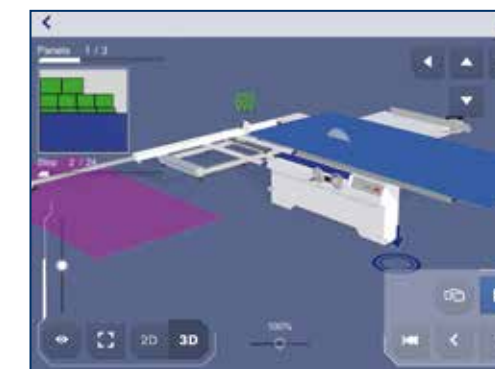
High cut speed execution, less material waste and mistake odds minimized, even for not skilled workers!

Download it now from the AppStore and Google Play:

SCM Thundercut



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).

genius
universal
combined machines
c 30g
c 26g



		c 30g	c 26g
Planer useful working width	mm	300	260
Total length of surfacing tables	mm	1200	1040
Max. saw blade diameter	mm	250	250
Squaring stroke	mm	1200	1200
Max. spindle length	mm	75	75
Three-phase motors starting from	kW/Hz	1,8 (2,2) / 50 (60)	1,8 (2,2) / 50 (60)
Find the complete technical specification at page 12			



Saw Unit
cutting precision



Surfacing Planer
fully equipped



Thicknessing Planer
practical and ergonomic



Spindle Moulder
flexibility



Mortiser
functional



SCM
Thundercut
Optimizer/
Sequencer App

genius
combined machines
circular saw
fs 30g
st 1g
sc 1g

surfacing-thicknessing planer
saw-spindle moulder
circular saw



		fs 30g	st 1g	sc 1g
Planer useful working width	mm	300	-	-
Total length of surfacing tables	mm	1200	-	-
Max. saw blade diameter	mm	-	250	250
Squaring stroke	mm	-	1200	1200
Max. spindle length	mm	-	75	-
Three-phase motors starting from	kW/Hz	1,8 (2,2) / 50 (60)	1,8 (2,2) / 50 (60)	1,8 (2,2) / 50 (60)
Find the complete technical specification at page 12				



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SCM
Thundercut
Optimizer/
Sequencer App

genius machining units



cutting precision

Saw Unit.

Tilting saw unit with a 250 mm blade and a maximum blade projection from table at 90° of 80 mm. The saw unit can be raised and tilted using convenient hand-wheels. The anodized aluminum sliding table, with a 1200 mm stroke, slides **next to the blade**, thus ensuring better cutting precision.



safety first

Genius machines have many **safety devices according to CE norms**, as like as the spindle moulder guard for curved profiles and moulding shapes.



fully equipped

Surfacing Planing.

The planer unit has a cutter block with 2 re-usable knives (the "Tersa" disposable knives system with 3 knives and rapid clamping is available as an option). Genius machines also have saw-planer fences with an anodized aluminum extrusion and a support with clamp for fast positioning.

practical and ergonomic

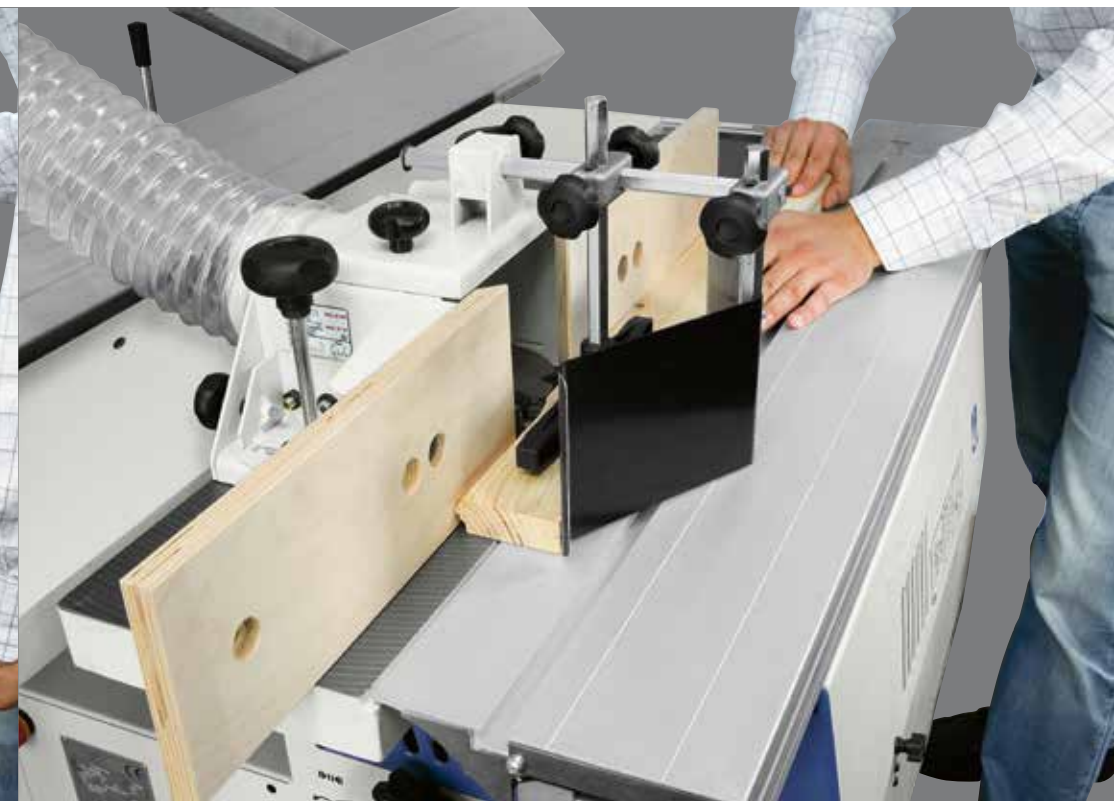
Thickening Planing.

To keep the machine compact and make machining easier, the surfacing table opens towards the inside of the machine. Thanks to an efficient feed system, the thickening unit can process wood up to 200 mm thick.



functional and customisable

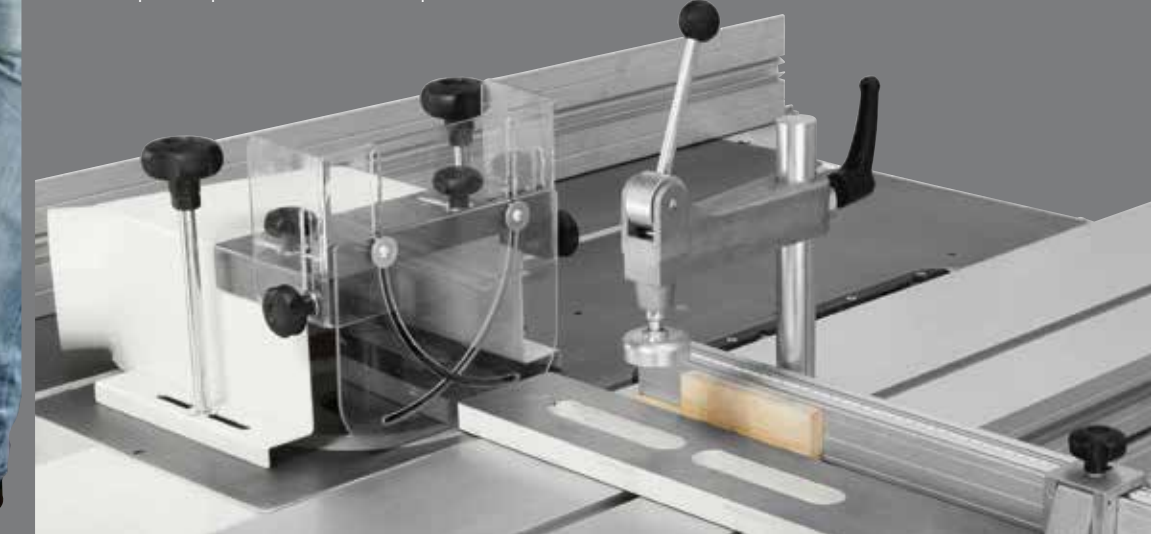
A machine even more versatile: with the practical **mortiser** (option) drilling holes or mortises are easily done.



flexibility

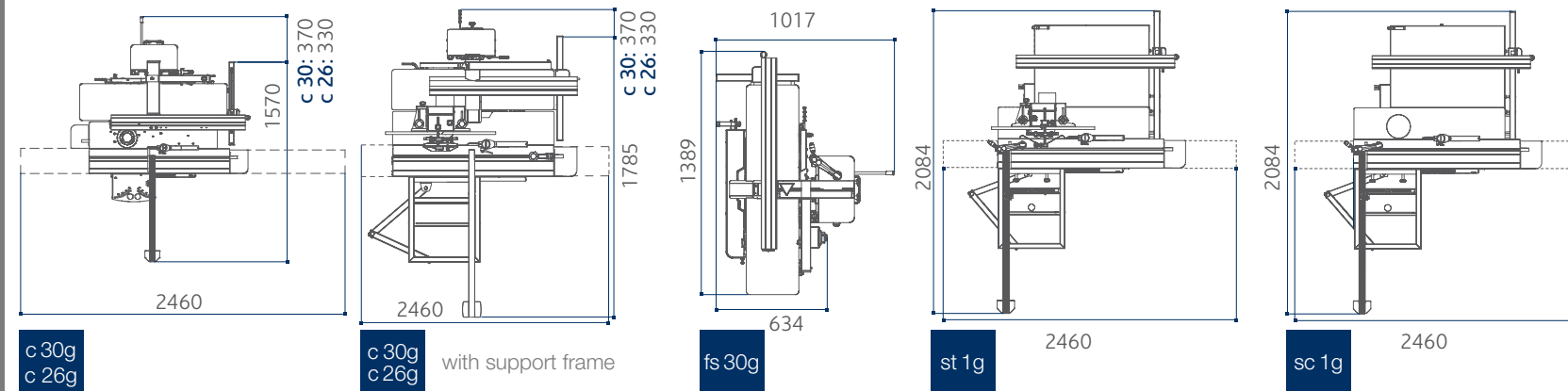
Spindle Moulder.

Maximum flexibility in spindle moulder tool use, with the unit with 2 speed (5000/7500 rpm). The machines have a spindle moulder fence with micrometric adjustment, a feature which is particularly useful on profiling jobs. Tenoning is easy too, thanks to the aluminum sliding table, the right speed setting and the special protection hood (option).



genius

dimensions and technical data



S Standard
O Option

		c 30g	c 26g	fs 30g	st 1g	sc 1g
planer						
Working width	mm	300	260	300	-	-
Cutter block diameter (mm)/no. of standard knives	mm/n.	62 / 2	62 / 2	62 / 2	-	-
Dimensions of standard knives	mm	300 x 25 x 3	260 x 25 x 3	300 x 25 x 3	-	-
Max. stock removal	mm	3	3	3	-	-
Surfacing tables total length	mm	1200	1040	1200	-	-
Thickening table dimensions	mm	300 x 450	260 x 450	300 x 450	-	-
Feed speed on thickener	m/min	6	6	6	-	-
Min. ÷ max. working height on thickener	mm	3 ÷ 200	3 ÷ 200	3 ÷ 200	-	-
circular saw						
Cast iron saw-spindle moulder worktable dimensions	mm	1024 x 224	1024 x 224	-	1024 x 224	1024 x 224
Saw blade tilting		90° ÷ 45°	90° ÷ 45°	-	90° ÷ 45°	90° ÷ 45°
Max. saw blade diameter with scoring blade installed	mm	250	250	-	250	250
Max. saw blade projection from table at 90°/45°	mm	80 / 64	80 / 64	-	80 / 64	80 / 64
Squaring stroke	mm	1200	1200	-	1200	1200
Cutting width on parallel fence	mm	540	500	-	700	700
spindle moulder						
Max. useful spindle length	mm	75	75	-	75	-
Spindle moulder speeds (at 50 Hz)	rpm	5000 / 7500	5000 / 7500	-	5000 / 7500	-
Max. tool diameter when profiling	mm	160	160	-	160	-
Max. diameter of tool lowered under the table at 90°	mm	145	145	-	145	-
Max. tool diameter when tenoning	mm	200	200	-	200	-
other technical features						
Three-phase motors 1,8 kW (2,5 hp) 50 Hz – 2,2 kW (3 hp) 60 Hz		S	S	S	S	S
Three-phase motors 2,2 kW (3 hp) 50 Hz – 2,6 kW (3,6 hp) 60 Hz		O	O	O	O	O
Single-phase motors 1,8 kW (2,5 hp) 50 Hz		O	O	O	O	O
Single-phase motors S1 1,8 kW (2,5 hp) 60 Hz		O	O	O	O	O
Exhaust outlets diameter	mm	120	120	120	120	120



genius
main
optional
devices

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



"minimax ease"
mobile trolley
for accessories
Designed to store various
accessories such as:
surfacing fence, squaring
fence, spindle moulder
fence, spindle shafts, etc.



genius
main
optional
devices

"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.



self-centering chuck
0-16 mm "Wescott" type
The mortiser spindles can be rapidly
substituted without the necessity
of adjustment.



tenoning table and
protection hood
For the tenoning operations on the spindle
moulder. It consists of:
- table
- protection hood for tools,
200 mm diameter
- exhaust hood, 120 mm diameter



S Standard
O Option

maintenance case for
"Xylent" spiralknife

- Complete with:
- 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



"Xylent" spiralknife cutter block
with 3 series of knives
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.

	c 30g	c 26g	fs 30g	st 1g	sc 1g
"SCM Thundercut" Optimizer/Sequencer App	S	S	-	S	S
Tablet holder on the sliding carriage	O	O	-	O	O
"Tersa" cutter block	O	O	O	-	-
"Xylent" spiralknife cutter block with 3 series of knives	O	O	O	-	-
Maintenance case for "Xylent" spiralknife	O	O	O	-	-
Self-centering chuck 0-16 mm "Wescott" type	O	O	O	-	-
Tenoning table and protection hood	O	O	-	O	-



scm | service

WE'LL GO THE EXTRA MILE FOR YOU

SCM OFFERS A FULL RANGE OF **HIGHLY SPECIALISED SERVICES** WITH A QUALITY AND RELIABILITY THAT STEM FROM 70 YEARS OF EXPERIENCE IN THE INDUSTRY.

From installation and production start-up to services and maintenance. From training to the supply of specific original spare parts: **we provide solutions designed around you!**

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My Scm



SERVICE AND MAINTENANCE

- Remote support
- Scheduled maintenance contracts
- Warranty extension



TRAINING SERVICE

- Courses for machine operators
- Software and programming courses
- Training in production start-up



SPARE PARTS

- Recommended spare parts list
- E-shop
- Interactive spare-parts catalogues
- Repairs on electronic parts, glue tanks and electro-spindles



DIGITAL SERVICES

- Maestro Connect - IoT platform to be constantly connected with your machines
- Smartech - assistance with augmented reality
- My Scm portal - opening of service ticket and single point of access to the apps and Services tools

THE STRONGEST WOOD TECHNOLOGIES ARE IN OUR DNA

SCM. A HERITAGE OF SKILLS IN A UNIQUE BRAND

70 years of success gives SCM the centre stage in woodworking technology. This heritage results from bringing together the best know-how in machining and systems for wood-based manufacturing. SCM is present all over the world, brought to you by the widest distribution network in the industry.

70 years history

3 main production sites in Italy

300.000 square metres of production space

20.000 machines manufactured per year

90% export

20 foreign branches

400 agents and dealers

500 support technicians

500 registered patents

In SCM's DNA also strength and solidity of a great Group. The SCM Group is a world leader, manufacturing industrial equipment and components for machining the widest range of materials.

SCM GROUP, A HIGHLY SKILLED TEAM EXPERT IN INDUSTRIAL MACHINES AND COMPONENTS

INDUSTRIAL MACHINERY

Stand-alone machines, integrated systems and services dedicated to processing a wide range of materials.



WOODWORKING TECHNOLOGIES



TECHNOLOGIES FOR PROCESSING
COMPOSITE MATERIALS, ALUMINIUM,
PLASTIC, GLASS, STONE, METAL

INDUSTRIAL COMPONENTS

Technological components for the Group's machines and systems, for those of third-parties and the machinery industry.



SPINDLES AND
TECHNOLOGICAL
COMPONENTS



ELECTRIC PANELS



METALWORK



CAST IRON

scm | is more
woodworking technology



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The motors powers in this catalogue are expressed in S6,
except where otherwise specified. In this catalogue, machines
are shown in CE configuration and with options. We reserve
the right to modify technical specifications without prior
notice, provided that such modifications do not affect
safety as per CE norms.

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Mic Studio

