

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 90



Saw Unit
cutting precision



Surfacing Planer
fully equipped



Thicknessing Planer
practical and ergonomic



Spindle Moulder
flexibility



Shaping Fence
safety first



Mortiser
functional

genius
operating
groups



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).

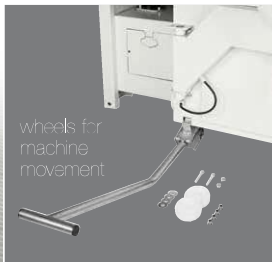


genius
main
optional
devices

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



wheels for
machine
movement



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.



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" spiralknives

- 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
"Tersa" cutter block	O	O	O	-	-
"Xylent" spiralknife cutter block with 3 series of knife	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	-
Wheels for machine movement	O	O	-	-	-