ENG

minimax

classic

the range

UNIVERSAL COMBINED MACHINES

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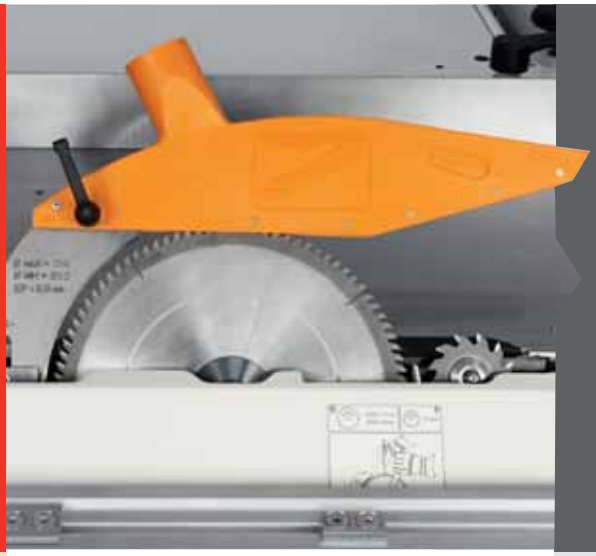
classic

classic:
essentiality
and practicality

DESIGN. **CUTTING. THICKNESSING AND FINISHING. ROUTING. BORING.** SANDING. ASSEMBLY.



toptech

PERFORMANCE WITHOUT LIMITATIONS

Incredible cutting of both very thick solid wood and panels, even those that are veneered, due to the new saw unit with a blade that has a **maximum diameter of 315 mm with the scoring blade installed.**

MAXIMUM PERFORMANCE AS STANDARD

Easier and more precise cutting is possible due to a perfectly stable support that is guaranteed, even for large workpieces, by the **wide sliding table** and the **large squaring frame with telescopic rule provided as standard.**

toptech

EXCEPTIONAL ACCESS

Thicknessing is more comfortable: in the universal combined machines, during the changeover from surfacing to thicknessing **the surfacing tables open towards the inside of the machine, with a 90° angle, and simultaneously.**

toptech

HIGH MOTOR POWER

High performances, with **5 kW motor power provided as standard***, in the minor overall dimensions.

** = option for fs 41, fs 30 and sc 2 classic*

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HI-TECH DEVICES

The technological devices installed on the machines guarantee the highest performance, such as the **digital readout for fence position for parallel cuts** that allows precise positioning thanks to the use of the magnetic strip sensor.

** = option for st 3, sc 3 and sc 2 classic*

MADE TO MEASURE FOR YOU!

Wide range of technological devices to customise the machines for any requirement; for example, on the spindle moulder, tenoning works are made easier by the large squaring frame* with telescopic rule.

** = option for t 45 w classic*

classic universal combined machines

The best price to performance ratio with the essentiality and the practicality required by DIY woodworkers and craftsmen.

UNIVERSAL COMBINED MACHINES		CU 410 CLASSIC	CU 300 CLASSIC
Planer useful working width	mm	410	300
Surfacing tables total length	mm	1800	1510
Min. ÷ max. working height on thicknesser	mm	3 ÷ 230	3 ÷ 230
Cast iron saw-spindle moulder worktable dimensions	mm	1115 x 335	1115 x 335
Max. saw blade diameter **with scoring blade installed**	mm	315	315
Squaring stroke	mm	1660 ÷ 2660	1660 ÷ 2660
Max. tool diameter when profiling	mm	210	210
Max. diameter of tool lowered under the table at 90°	mm	180	180
Max. tool diameter when tenoning	mm	275	275
Three-phase motors		5 (6) kW-50 (60) Hz	5 (6) kW-50 (60) Hz
Single-phase motors		2,2 (3,6*) kW-50 (60) Hz	2,2 (3,6*) kW-50 (60) Hz

** = S1 motors*


410 classic


cu 300 classic

classic surfacing-thicknessing planers

Minimum investment for maximum standards in quality
required by woodworking workshops and craftsmen.

SURFACING-THICKNESSING PLANERS		FS 41 CLASSIC	FS 30 CLASSIC
Planer useful working width	mm	410	300
Surfacing tables total length	mm	1800	1510
Min. ÷ max. working height on thicknesser	mm	3 ÷ 230	3 ÷ 230
Feed speed on thicknesser	m/min	7	7
Three-phase motor starting from		4 (4,8) kW-50 (60) Hz	4 (4,8) kW-50 (60) Hz
Single-phase motor		2,2 (3,6*) kW-50 (60) Hz	2,2 (3,6*) kW-50 (60) Hz

** = S1 motor*


minimax
fs 30 classic

classic saw-spindle moulder

Utmost quality supplied as standard.

SAW-SPINDLE MOULDER		ST 3 CLASSIC
Max. saw blade diameter **with scoring blade installed**	mm	315
Max. saw blade projection from table at 90°/45°	mm	100/80
Squaring stroke	mm	1660 ÷ 2660
Cutting width on parallel fence	mm	900 ÷ 1270
Max. tool diameter when profiling	mm	210
Max. diameter of tool lowered under the table at 90°	mm	180
Max. tool diameter when tenoning	mm	275
Three-phase motors		5 (6) kW-50 (60) Hz
Single-phase motors		2,2 (3,6*) kW- 50 (60*) Hz

** = for fixed spindle only; S1 motors*


st 3 classic

classic circular saws

Compact and highly precise solutions with a low investment
for DIY woodworkers and craftsmen.

CIRCULAR SAWS WITH TILTING BLADE		SC 3 CLASSIC	SC 2 CLASSIC
Max. saw blade diameter **with scoring blade installed**	mm	315	315
Max. saw blade projection from table at 90°/45°	mm	100/80	100/80
Squaring stroke	mm	2310 ÷ 2660	1660
Cutting width on parallel fence	mm	900 ÷ 1270	900 ÷ 1270
Three-phase motor starting from		5 (6) kW-50 (60) Hz	4 (4,8) kW - 50 (60) Hz
Single-phase motor		2,2 (3,6*) kW - 50 (60) Hz	2,2 (3,6*) kW - 50 (60) Hz

** = S1 motor*


sc 3 classic


minimax
sc 2 classic

classic spindle moulders

Versatility and ease of use of the spindle moulders
ideal for DIY woodworkers and craftsmen.

SPINDLE MOULDERS		T 45 W CLASSIC	T 45 CLASSIC
		with fixed or tilting spindle	with fixed spindle
Max. useful spindle length	mm	100	100
Max. tool diameter when profiling	mm	210	210
Max. diameter of tool lowered under the table at 90°	mm	180	180
Max. tool diameter when tenoning	mm	275	-
Three-phase motor		5 (6) kW - 50 (60) Hz	5 (6) kW - 50 (60) Hz
Single-phase motor		2,2 (3,6*) kW - 50 (60) Hz	2,2 (3,6*) kW - 50 (60) Hz

** = S1 motor*


minimax
t 45 classic

classic

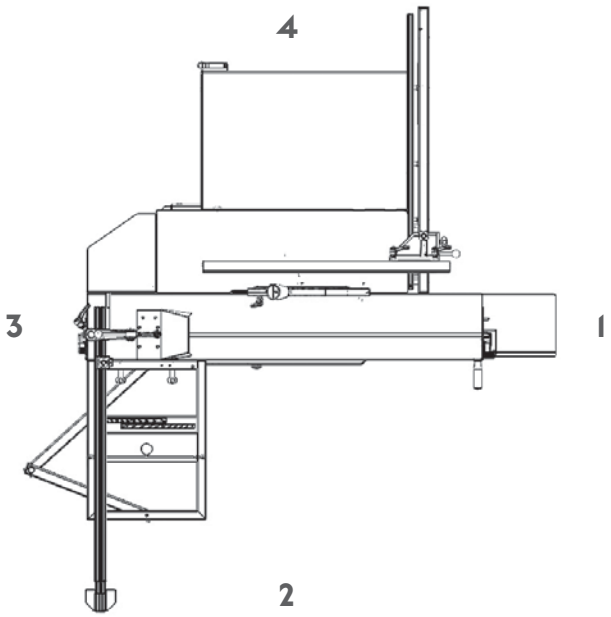
operating groups

toptech

PERFORMANCE WITHOUT LIMITATIONS

Incredible cutting of both very thick solid wood and panels, even those that are veneered, due to the new saw unit with a blade that has a **maximum diameter of 315 mm** that provides a **100 mm cutting height with the scoring blade installed.**

The new scoring unit **can be easily adjusted from outside the machine** and can be supplied on request.



A clean machine environment facilitates maintenance avoiding mechanical breakdowns of the units and improving the machine's precision and reliability overtime. Very high effective saw unit exhaust hood: the tests carried out by Scm's studies highlighted a **maximum dust emission level 90% lower with respect to the maximum level allowed by the European safety regulations!**

Machinig	Maximum value (according CE norms)	Position 1	Position 2	Position 3	Position 4
Strips cutting	2 mg/m³	0.08 mg/m³	0.10 mg/m³	0.04 mg/m³	0.16 mg/m³

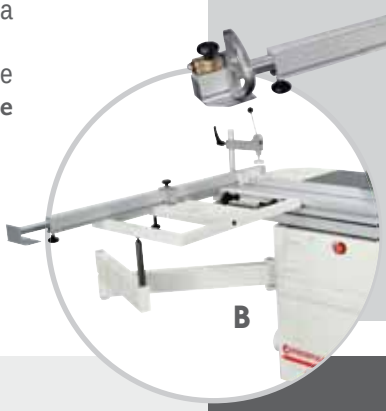
toptech

MAXIMUM PERFORMANCE AS STANDARD

Easier and more precise cutting is possible due to a perfectly stable support that is guaranteed, even for large workpieces, by the **wide sliding table** and the **large squaring frame with telescopic rule provided as standard.**

Top quality precision, smooth and silent action, self-cleaning dustproof system, long lasting accuracy, no adjustments required.

The sliding table is made of extruded anodised aluminium with a closed honeycomb structure. The sliding table runs on an exclusive slideway system consisting of calibrated and hardened F550 SX steel guideways.



The *sc 2 classic* squaring frame (B) is complete with a telescopic rule with a retractable stop.

The other *classic* machines (A) are equipped with a **large squaring frame (960 x 600 mm)** complete with:

- telescopic rule with **2 flip-over stops**
- eccentric clamp
- telescopic swinging arm support

Cu 300 and *410 classic* are equipped with a saw-planer multifunction fence, designed to be easily positioned and removed to allow **rapid work changeover.**

Sc 2 classic is equipped with an anodised aluminium parallel fence with support, quick locking support and micrometric adjustment.

For even more precise and rapid positioning, the parallel fence can be equipped (standard for *st 3* and *sc 3 classic*) with a **round sliding bar**, in rectified steel and complete with "high rigidity" cast iron support (on request for *sc 2 classic*). (see picture)

classic

operating groups

Optimal planing. The planer unit in the standard version has a 72 mm diameter cutter block with 3 HSS knives (the optional "Tersa" cutter block is available with quick tightening knives and automatic adjustment). For an impeccable result, the pressure of the thicknesser feed rollers can be adjusted according to the type of wood machined. The thicknesser infeed roller (A) has helical toothing to guarantee strong, constant workpiece feed. In contrast, the sandblasted steel outfeed roller (B) maintains the perfect post-machining finish.

toptech

EXCEPTIONAL ACCESS

Thicknessing is more comfortable: during the changeover from surfacing to thicknessing **the surfacing tables open towards the inside of the machine, with a 90° angle, and simultaneously.** Workpieces with a maximum height of 230 mm can be machined to the thicknesser. **The new design of the dust-conveyor,** protecting the cutter block, **is specifically intended to further increase system safety and efficiency.**

Very high rigidity of the *fs 30* and *41 classic* surfacing fences made of extruded aluminium with 1300 and 1670 mm length respectively.

Professional and very sturdy spindle moulder unit.
The unit has a cast iron structure. It is closed off by a cast iron plate to protect mechanical components inside the machine from sawdust, shavings and dirt.
Precise and safe machining with the spindle moulder fence with micrometric adjustment complete with vertical and horizontal pressers.
On demand, it is available the 45° tilting spindle, toward the inside of the machine (for *st 3* and *t 45 w classic* only).

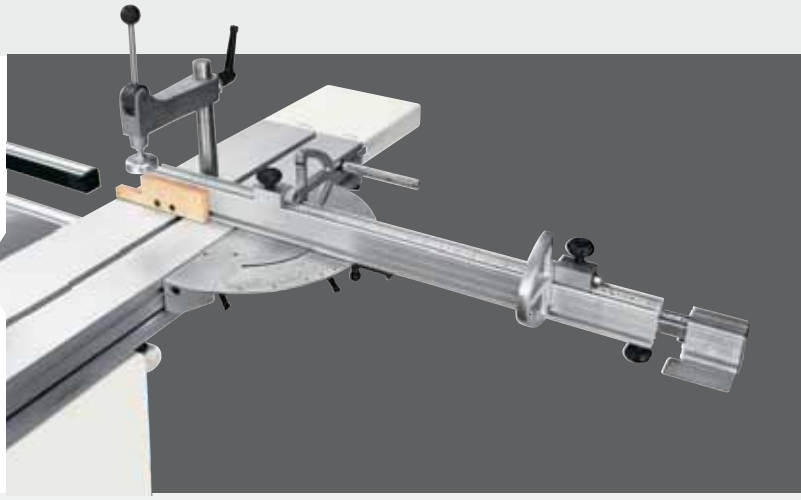
Customization for any requirement.
On *t 45 w classic*, tenoning works are made easier with the 270 mm wide sliding table; precise cuttings, even for large workpieces, with the squaring frame (option) with telescopic rule.

On *t 45 classic*, the table extensions at outfeed and infeed and the telescopic front support with support rollers (options) make easier the machining of large dimensions workpieces.

classic

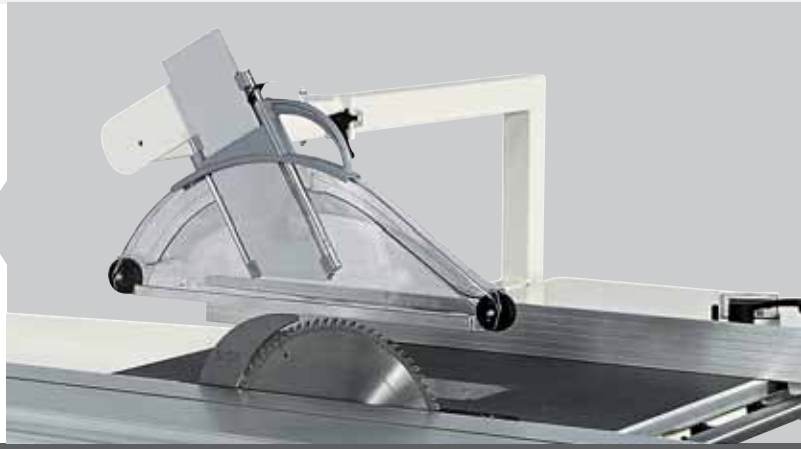
main devices

PROFESSIONAL FENCES UNIT
For the saw and surface planing. Designed to be easy to remove and to allow a rapid changeover from one type of operation to another.



ANGULAR CUTTING DEVICE WITH FLIP-OVER STOPS
To rapidly perform angular cuts without moving the squaring fence. Recommended for angular cuts on small workpieces.

ROUND SLIDING BAR ON THE PARALLEL FENCE
Allows a user-friendly, fluid and absolutely precise movement. The bar is made from 45 mm diameter rectified steel and complete with: micrometric adjustment, cam-locking system and “high rigidity” cast iron support. For perfect accuracy it is also available with **digital readout for fence position**, that allows precise positioning thanks to the use of the magnetic strip sensor.

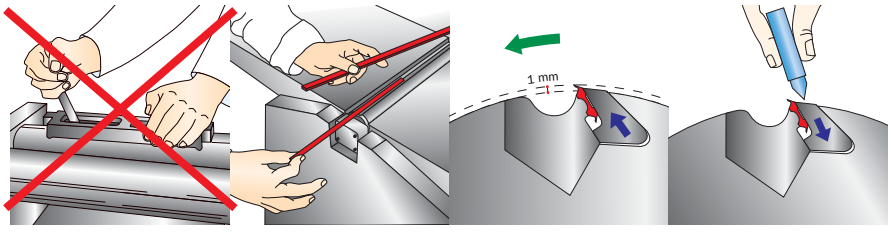


OVERHEAD BLADE PROTECTION
For totally safe machining.

CAST IRON MORTISER
Drilling holes and mortises are easily carried out. Complete with exhaust hood, 120 mm diameter, and 16 mm chuck.

SELF-CENTERING CHUCK 0-16 MM (WESCOTT TYPE)
The mortiser spindles can be rapidly substituted without the necessity of adjustment.

"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.



The revolutionary system for fixing knives to the cutter block considerably reduces set-up times.

Inserting the knives in the cutter block is very simple.

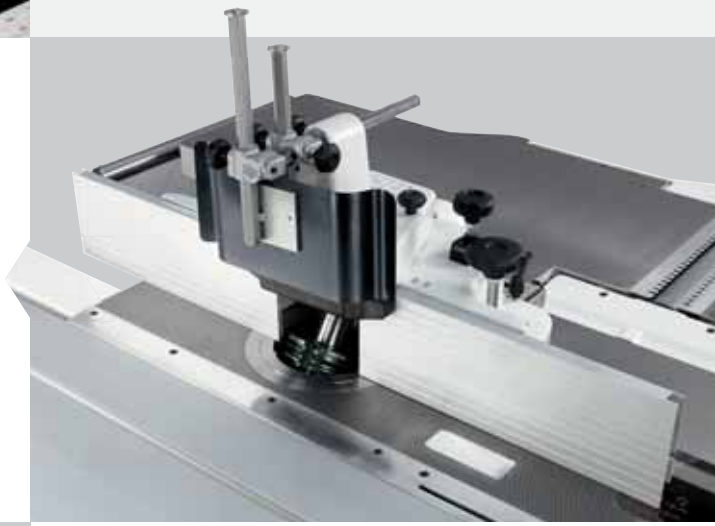
The knives are automatically clamped due to the centrifugal force at the moment the machine is started, with perfect automatic adjustment of knives projection.

Changing the knives in a matter of seconds by releasing the pressure wedges.

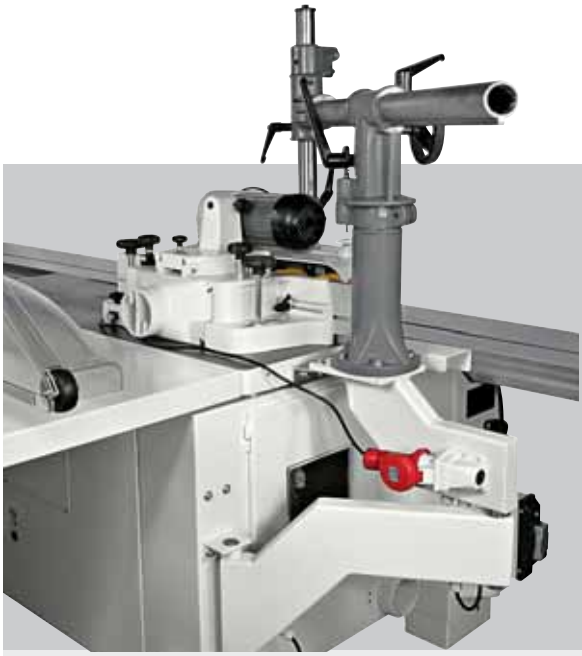
classic

main devices

TENONING TABLE AND PROTECTION HOOD
Equipped with:
- table
- protection hood for 275 mm diameter tools
- exhaust hood (120 mm diameter)



3-MOVEMENT ADJUSTABLE SPINDLE MOULDER FENCE
The spindle moulder fence can be easily removed and re-positioned without losing the working position, thanks to the memory system. The fence, besides, uses an adjustment system through rack and it has a mechanical readout.



ELECTRIC PRE-SETTING AND FLIP-OVER SUPPORT FOR FEEDER
This solution allows a total exclusion of the device and prevents interference with other parts of the machine.

INTERCHANGEABLE SPINDLE
For a very quick spindle substitution.

ADDITIONAL TABLE ON THE SLIDING TABLE
For the support of panels with large dimensions.

WHEELS FOR MACHINE MOVEMENT
For moving the machine around very easily.

MAIN DEVICES	CU 410	CU 300	FS 41	FS 30	ST 3	SC 3	SC 2	T 45 W	T 45
Professional fences unit	O	O	-	-	-	-	-	-	-
Angular cutting device with flip-over stops	O	O	-	-	O	O	O	-	-
Additional table on the sliding table	O	O	-	-	O	O	O	-	-
Round sliding bar on the parallel fence	-	-	-	-	S	S	O	-	-
Round sliding bar on the parallel fence with digital readout for fence position	-	-	-	-	O	O	O	-	-
Overhead blade protection	-	-	-	-	O	O	O	-	-
Cast iron mortiser	O	O	O	O	-	-	-	-	-
Self-centring chuck 0-16 mm (Wescott)	O	O	O	O	-	-	-	-	-
“Tersa” cutter block	O	O	O	O	-	-	-	-	-
Wheels for machine movement	O	O	O	O	O	-	-	-	-
3-movement adjustable spindle moulder fence	-	-	-	-	-	-	-	O	O
Tenoning table and protection hood	O	O	-	-	O	-	-	O	-
Electric pre-setting and flip-over support for feeder	O	O	-	-	O	-	-	-	-
Interchangeable spindle	O	O	-	-	O	-	-	O	O

S = standard O = option - = not available

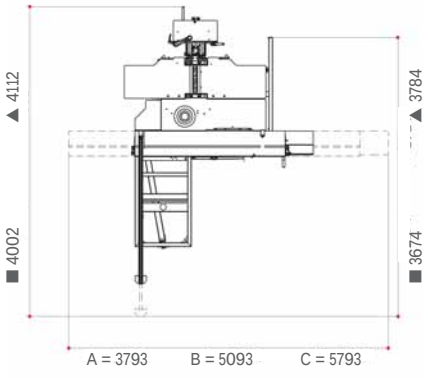
classic

technical features and overall dimensions

CLASSIC		CU 410	CU 300
Planer			
Planer useful working width	mm	410	300
Cutter block diameter (mm)/n. standard knives		72/3	72/3
HSS standard knives dimensions	mm	410 x 30 x 3	300 x 30 x 3
Max. stock removal	mm	4	4
Surfacing tables total length	mm	1800	1510
Thicknessing table dimensions	mm	410 x 605	300 x 585
Feed speed on thicknesser	m/min	7	7
Min. ÷ max. working height on thicknesser	mm	3 ÷ 230	3 ÷ 230
Circular saw			
Cast iron saw-spindle moulder worktable dimensions	mm	1115 x 335	1115 x 335
Saw blade tilting		90° ÷ 45°	90° ÷ 45°
Max. saw blade diameter **with scoring blade installed**	mm	315	315
Max. saw blade projection from table at 90°/45°	mm	100/80	100/80
Squaring stroke	mm	1660 ÷ 2660	1660 ÷ 2660
Cutting width on parallel fence	mm	900	820
Spindle moulder			
Max. useful spindle length	mm	100	100
Spindle moulder speeds (at 50 Hz)	rpm	3500 / 7000 / 10000	3500 / 7000 / 10000
Max. tool diameter when profiling	mm	210	210
Max. diameter of tool lowered under the table at 90°	mm	180	180
Max. tool diameter when tenoning	mm	275	275
Other technical features			
Three-phase motors 4 kW (5,5 hp) 50 Hz - 4,8 kW (6,5 hp) 60 Hz		-	-
Three-phase motors 5 kW (6,6 hp) 50 Hz - 6 kW (8 hp) 60 Hz		S	S
Single-phase motors 2,2 kW (3 hp) 50 Hz		O	O
Single-phase motors 3,6 kW (4,8 hp) 60 Hz*		O	O
Exhaust outlets diameter	mm	120	120

*S = standard O = option * = S1 motors*

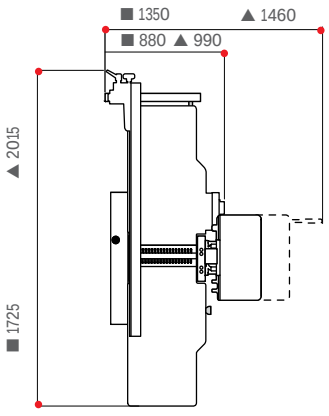
A = with 1600 mm sliding table
B = with 2250 mm sliding table
C = with 2600 mm sliding table
D = with 900 mm cutting width on parallel fence
E = with 1270 mm cutting width on parallel fence



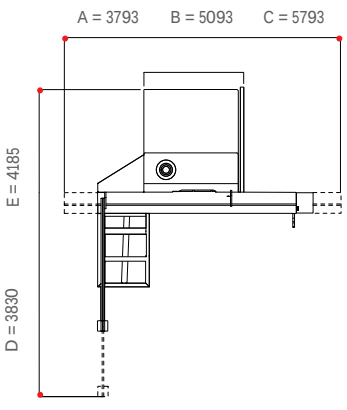
■ = CU 300 ▲ = CU 400

FS 41	FS 30	ST 3
410	300	-
72/3	72/3	-
410 x 30 x 3	300 x 30 x 3	-
4	4	-
1800	1510	-
410 x 605	300 x 585	-
7	7	-
3 ÷ 230	3 ÷ 230	-
-	-	1115 x 430
-	-	90° ÷ 45°
-	-	315
-	-	100/80
-	-	1660 ÷ 2660
-	-	900 ÷ 1270
-	-	100
-	-	3500 / 7000 / 10000
-	-	210
-	-	180
-	-	275
S	S	-
O	O	S
O	O	O
O	O	O **
120	120	120

** = *for fixed spindle only*



■ = FS 30 ▲ = FS 41



ST 3

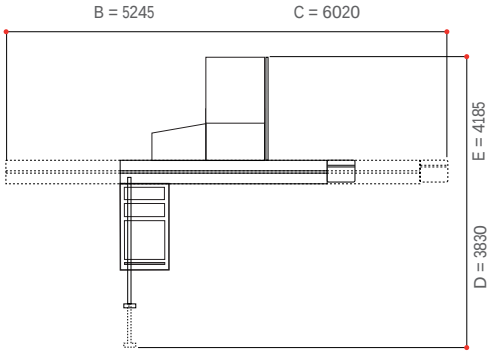
classic

technical features and overall dimensions

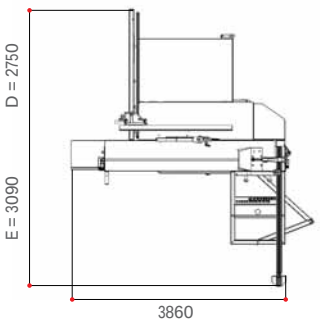
CLASSIC		SC 3	SC 2
Circular saw			
Cast iron saw-spindle moulder worktable dimensions	mm	840 x 560	1020 x 325
Saw blade tilting		90° ÷ 45°	90° ÷ 45°
Max. saw blade diameter **with scoring blade installed**	mm	315	315
Max. saw blade projection from table at 90°/45°	mm	100 / 80	100 / 80
Squaring stroke	mm	2310 ÷ 2660	1660
Cutting width on parallel fence	mm	900 ÷ 1270	900 ÷ 1270
Other technical features			
Three-phase motor 4 kW (5,5 hp) 50 Hz - 4,8 kW (6,5 hp) 60 Hz		-	S
Three-phase motor 5 kW (6,6 hp) 50 Hz - 6 kW (8 hp) 60 Hz		S	O
Single-phase motor 2,2 kW (3 hp) 50 Hz		O	O
Single-phase motor 3,6 kW (4,8 hp) 60 Hz*		O	O
Exhaust outlets diameter	mm	120	120

*S = standard O = option * = S1 motor*

B = with 2250 mm sliding table
C = with 2600 mm sliding table
D = with 900 mm cutting width on parallel fence
E = with 1270 mm cutting width on parallel fence



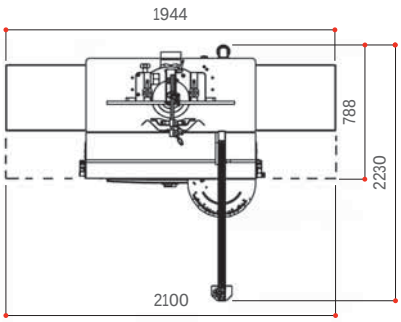
SC 3



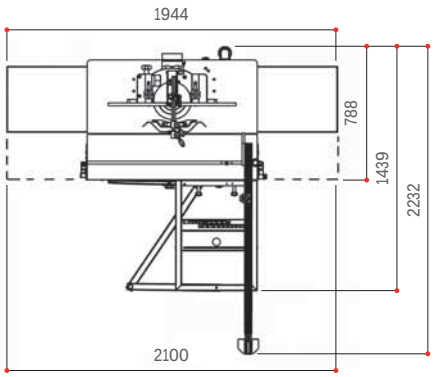
SC 2

CLASSIC		T 45 W	T 45
Spindle moulder			
Max. useful spindle length	mm	100	100
Spindle moulder speeds (at 50 Hz)	rpm	3500 / 7000 / 10000	3500 / 7000 / 10000
Max. tool diameter when profiling	mm	210	210
Max. diameter of tool lowered under the table at 90°	mm	180	180
Max. tool diameter when tenoning	mm	275	-
Other technical features			
Three-phase motor 5 kW (6,6 hp) 50 Hz - 6 kW (8 hp) 60 Hz		S	S
Single-phase motor 2,2 kW (3 hp) 50 Hz		O	O
Single-phase motor 3,6 kW (4,8 hp) 60 Hz*		O	O
Exhaust outlets diameter	mm	120	120

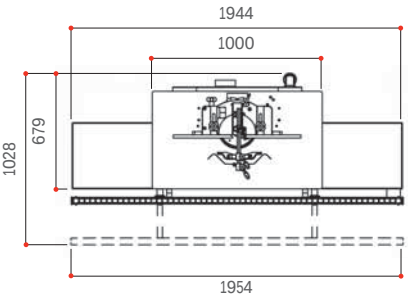
*S = standard O = option * = S1 motor*



T 45 W
standard



T 45 W
with squaring frame option



T 45

The motors powers in this catalogue are expressed in S6-40%, 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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