

classic  
combined machines

st 3c saw-spindle moulder  
fs 41c surfacing-thicknessing planers  
fs 30c

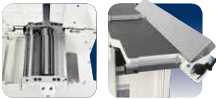


|  |       | st 3c           | fs 41c            | fs 30c            |
|--|-------|-----------------|-------------------|-------------------|
| Max. saw blade diameter with scoring blade installed | mm    | 315             | -                 | -                 |
| Squaring stroke                                      | mm    | 1660 ÷ 2660     | -                 | -                 |
| Max. spindle length                                  | mm    | 100             | -                 | -                 |
| Planer useful working width                          | mm    | -               | 410               | 300               |
| Cutter block diameter (mm/no. of standard knives)    | mm/n. | -               | 72 / 3            | 72 / 3            |
| Total length of surfacing tables                     | mm    | -               | 1800              | 1510              |
| Min. ÷ max. working height on thicknesser            | mm    | -               | 3 ÷ 230           | 3 ÷ 230           |
| Three-phase motors starting from                     | kW/Hz | 5 (6) / 50 (60) | 4 (4,8) / 50 (60) | 4 (4,8) / 50 (60) |

Find the complete technical specification at page 68



Squaring Frame and Fence maximum performance  
Saw Unit performance without limits  
5 kW Power provided as standard



Planer Cutter Block best result  
Surfacing Fence absolute rigidity

Compact and highly precise solutions with a low investment.

## classic operating groups



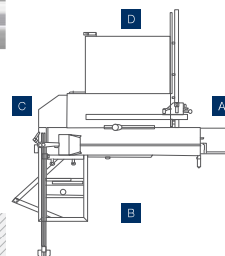
The new **scoring unit** can be supplied on request and can easily be adjusted from outside the machine.



performance without limits  
**Saw Unit.**  
Incredible cutting of both very thick solid wood and panels, even those veneered, thanks to the new saw unit with a blade that has a maximum diameter of 315 mm with the scoring blade installed.

A clean machine environment facilitates maintenance avoiding mechanical breakdowns of the units and improving the machine's precision and reliability over time. 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!**

| Machining  | Maximum value according to the CE norms | Position A             | Position B             | Position C             | Position D             |
|------------|---|------------------------|------------------------|------------------------|------------------------|
| Strips cut | 2 mg/m <sup>3</sup>                     | 0.08 mg/m <sup>3</sup> | 0.10 mg/m <sup>3</sup> | 0.04 mg/m <sup>3</sup> | 0.16 mg/m <sup>3</sup> |



## exclusive

### Sliding Table.

Easier and more precise cutting is possible due to a perfectly stable support that is guaranteed, even for large work pieces, by the **wide sliding table** and the **large squaring frame fence** 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 anodized aluminum with a closed honeycomb structure. The sliding table runs on an exclusive slide way system consisting of calibrated and hardened F550 SX steel guides.

## maximum performance as standard

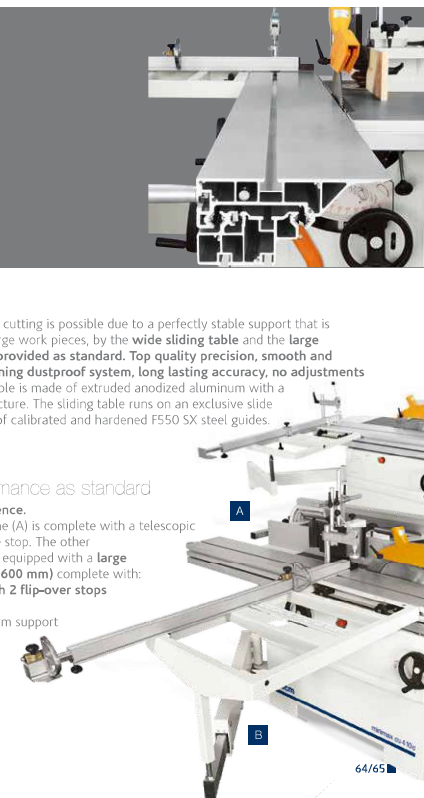
### Squaring Frame and Fence.

The **sc 2c** squaring frame (A) is complete with a telescopic fence with a retractable stop. The other classic machines (B) are equipped with a **large squaring frame (960 x 600 mm)** complete with:

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

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

Precise and rapid positioning with the parallel fence with a **round sliding bar**, in rectified steel and complete with "high rigidity" cast iron support, standard for all the Classic machines. (see picture)

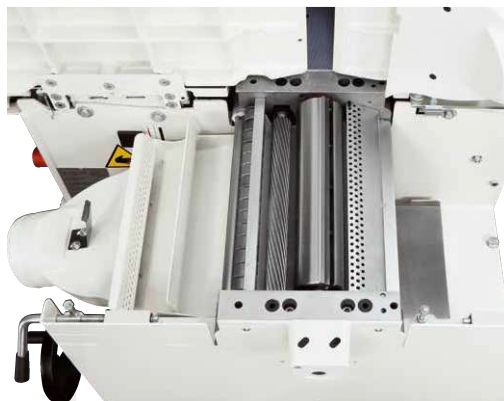


## classic operating groups



### optimal planing Planer Cutter Block.

The planer unit in the standard version has a 72 mm diameter cutter block with 3 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 tooling** to guarantee strong, constant work piece feed. In contrast, the sandblasted steel outfeed roller (B) maintains the perfect post-machining finish.



### absolute rigidity

#### Surfacing Fence.

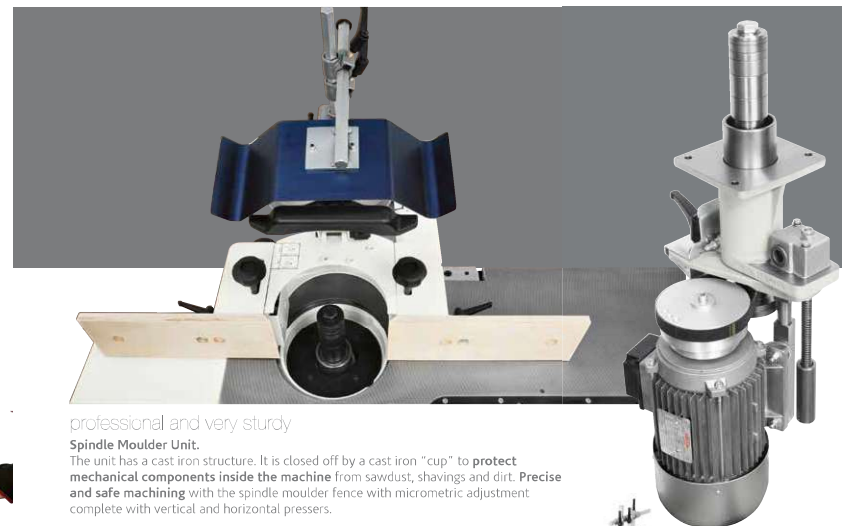
Very high rigidity of the **fs 30c** and **fs 41c** surfacing fences made of extruded aluminum with respectively 1300 and 1670 mm length.



### exceptional accessibility

#### Surfacing Tables Opening.

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**. Work pieces 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.**



### professional and very sturdy

#### Spindle Moulder Unit.

The unit has a cast iron structure. It is closed off by a cast iron "cup" 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 request, it is available the 45° tilting spindle, toward the inside of the machine (for **st 3c** and **tw 45c** only).

### customisable for any requirement

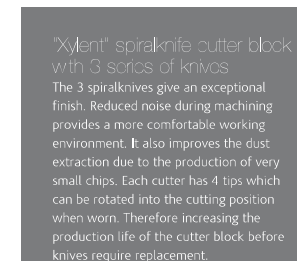
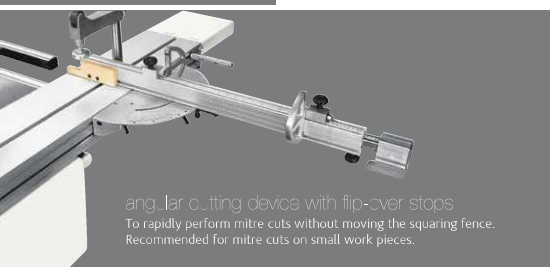
#### Table Extensions and Frame Support.

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

The 270 mm sliding table on **tw 45c**, provides a greater support, very useful also for tenoning. Precise cuttings, even for large work pieces, with the support frame (option) with telescopic fence.



## classic main optional devices



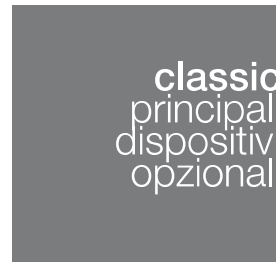




three movement adjustable spindle moulder fence  
The spindle moulder fence can be easily removed and re-positioned without losing the working position, thanks to the memory system. The fence, besides, uses an adjustment system through rack and it has a mechanical readout. The maximum tool capacity during profiling is of 210 mm diameter.



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, 275 mm diameter  
- exhaust hood, 120 mm diameter



gravitational handwheel  
Handwheel with gravitational numerical readout for the thickening table positioning.



electro 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.



wheels for machine movement

S Standard  
O Option

|  | cu 410c | cu 300c | st 3c | fs 41c | fs 30c | sc 3c | sc 2c | tw 45c | t 45c |
|--|---------|---------|-------|--------|--------|-------|-------|--------|-------|
| Angular cutting device with flip-over stops                  | O       | O       | O     | -      | -      | O     | O     | -      | -     |
| Digital readout for the fence position on the parallel fence | -       | -       | O     | -      | -      | O     | O     | -      | -     |
| Additional table on the sliding carriage                     | O       | O       | O     | -      | -      | O     | O     | -      | -     |
| Overhead blade protection                                    | -       | -       | O     | -      | -      | O     | O     | -      | -     |
| Professional guides unit                                     | O       | O       | -     | -      | -      | -     | -     | -      | -     |
| "Tersa" cutter block   | O       | O       | -     | O      | O      | -     | -     | -      | -     |
| "Xylent" spiralknife cutter block with 3 series of knives    | O       | O       | -     | O      | O      | -     | -     | -      | -     |
| Maintenance case for "Xylent" spiralknife                    | O       | O       | -     | O      | O      | -     | -     | -      | -     |
| Cast iron mortiser   | O       | O       | -     | O      | O      | -     | -     | -      | -     |
| Self-centering chuck 0-16 mm "Wescott" type                  | O       | O       | -     | O      | O      | -     | -     | -      | -     |
| Three movement adjustable spindle moulder fence              | -       | -       | -     | -      | -      | -     | -     | O      | O     |
| Tenoning table and protection hood                           | O       | O       | O     | -      | -      | -     | -     | -      | -     |
| Electric pre-setting and flip over support for feeder        | O       | O       | O     | -      | -      | -     | -     | O      | -     |
| Interchangeable spindle                                      | O       | O       | O     | -      | -      | -     | -     | O      | O     |
| Wheels for machine movement                                  | O       | O       | O     | O      | O      | -     | -     | -      | -     |
| Dado set   | O       | O       | -     | -      | -      | O     | -     | -      | -     |
| Gravitational handwheel                                      | O       | O       | -     | O      | O      | -     | -     | -      | -     |