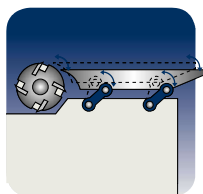


surfacing-thicknessing planers

nova fs 520
nova fs 410



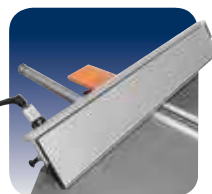
		nova fs 520	nova fs 410
Working width	mm	520	410
Cutterblock diameter (standard knives)	mm/no.	120/4	95/4
Total work tables length	mm	2250	2200
Min. ÷ max. working height on thicknesser	mm	3,5 ÷ 240	3,5 ÷ 240
Three-phase motors starting from	kW/Hz	7 (8) / 50 (60)	5 (6) / 50 (60)
<i>Find the complete technical specification at page 36</i>			



**Feeding
on Connecting Rods**
constant precision



Thickening Table
rigidity and
precision



Surface Fence
high rigidity

Easy and rapid to use with great performance
in a limited space.

planers operating units

absolute rigidity

Surface fence

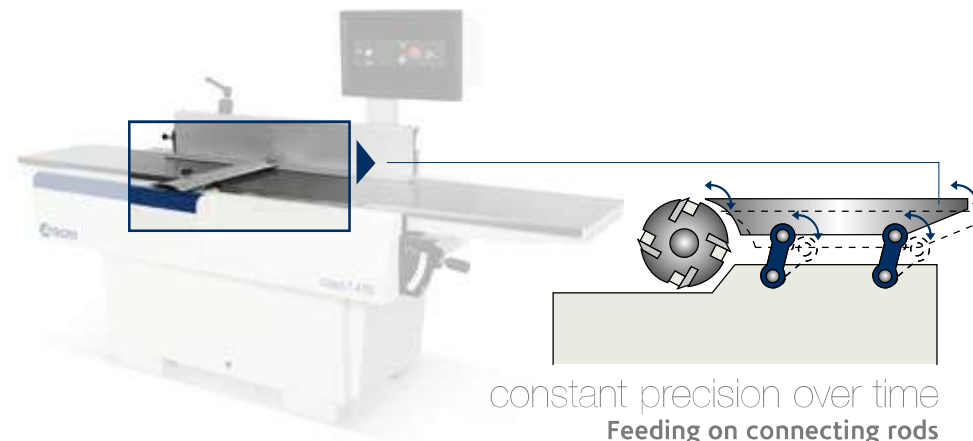
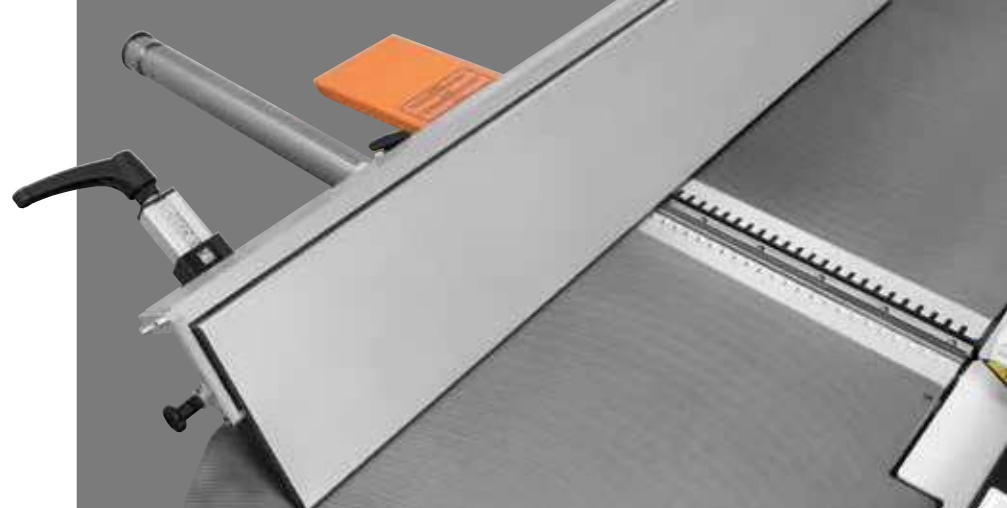
High rigid fence with a smooth movement thanks to the **central locking on round bar**. The graduated scale facilitates the operator in positioning the guide to the required tilting.



a guarantee of
perfect planarity

Simultaneous raising of the work tables

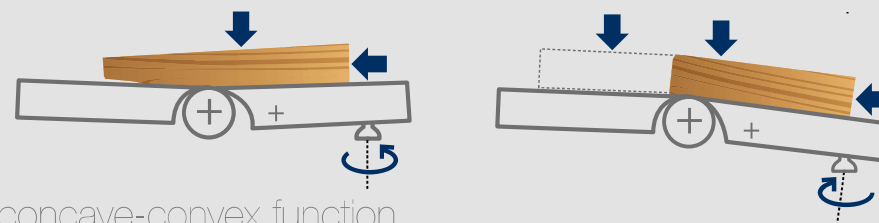
The system allows the **changeover from planer to thicknesser** with a single movement ensuring working rapidity and precision.



constant precision over time

Feeding on connecting rods

Very accurate machining with the movement of the infeed table by means of a parallelogram **kinetic mechanism** which **always gives the same distance between the cutterblock and the table**. The system operating directly on the connecting rods avoids any exertion to the table assuring constant planarity over time.



concave-convex function

Perfect joints every time

The available settings allow **perfect bonding** of the components giving excellent coupling and eliminating any joint line. (class)



perfect finish

Feeding rollers on connecting rods

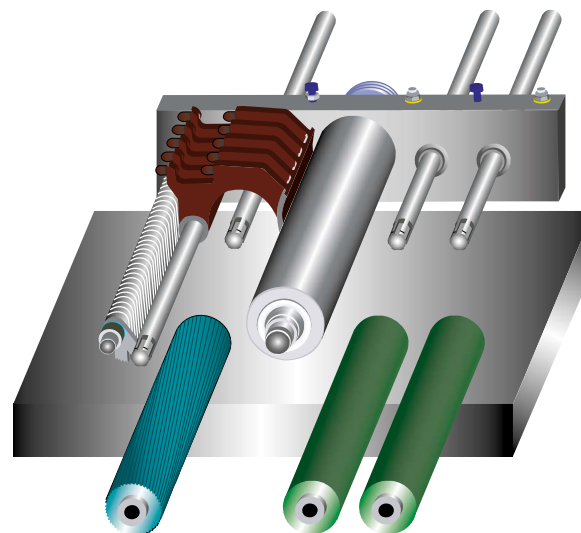
The stopping of the work piece and the presence of notches on its surface are eliminated due to the movement system on all three rollers, that allows their vertical displacement by rotation and the **best linear feeding**. Perfect surfaces and high feeding performance with the standard rubber rollers.



Easy and rapid in use

SCM cutterblock

The cutter block is made from a single block of steel ensuring complete stability even under heavy dynamic loads.



one machine for every requirement

Interchangeable rollers

Perfect finish obtained by quick and easy changeover of the rollers that allows the operator to configure the machine drive function in case of special requirements, such as a minimum removal of fine wood and/or batches where multiple pieces of different thicknesses are processed.

(Third powered for nova thickening planers available as option).

Powered work table lifting with micrometric adjustment.
(With digital readout for class planers)

Feed speed controlled by inverter from control panel and dedicated warning light to indicate to higher speed.
(class)

The 4 screws with a large diameter combined with the 2 side linear guides ensure worktable stability. The integrated protections guarantee high precision and reliability over time.

Pneumatic load adjustment on the rollers for the best finish and effectiveness of the feeding of any material and in any working condition.
(Option for class thickening planers)



planers main optional devices



"Xylent" spiralknife cutterblock

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.



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

Additional overturning fence

Integrated in the surface fence, it ensures perfect operator safety when machining small dimensioned work pieces.



"Tersa" monoblock cutterblock

The cutter block is made from a single block of steel ensuring complete stability even under heavy dynamic loads. Automatic knives clamping by means of the centrifugal force ensures safe and precise machining. The system, without fixing screws, makes knives substitution extremely fast.

"Smart Lifter" integrated protection

The protection system, **developed by SCM**, is perfectly integrated into the machine base for **maximum protection** while excluding any hindrance or obstruction in the work. The protection with automatic vertical, horizontal and tilted movements **provides complete coverage of the tool** before, during and after machining.





Cast-iron mortiser

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

Outfeed rollers in sandblasted steel

For a perfect post-processing finish.



Special rollers

The sectioned steel roller (a) and the dual-density rubber roller (b) allow the simultaneous processing of different thicknesses giving great results even with minimum removal. With the dual-density rubber roller, the edges are not damaged even when the work pieces are not perfectly aligned. Suitable also for upgraded woods and/or thin thicknesses.



a



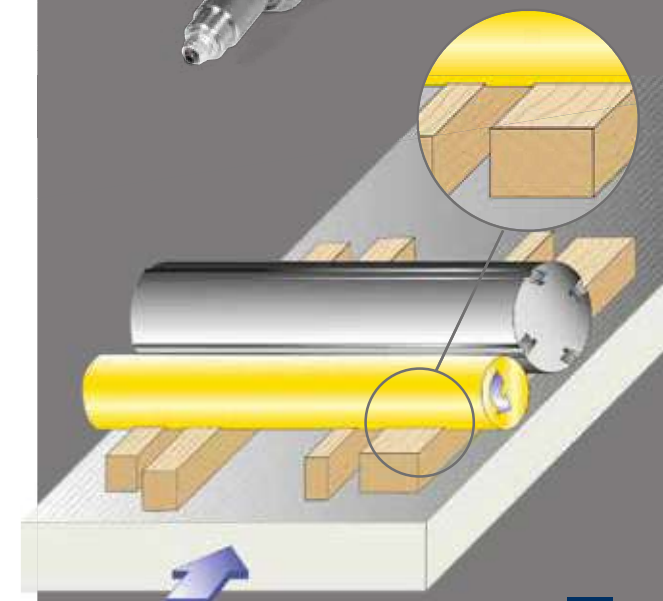
Work table extension

A single operator can easily move very long panels or introduce a second one without going to the outside to stop the first one.



Thickening table with idle rollers

It enables the feeding of moist and/or resinous wood. Particularly suitable for heavy duty woodworking operations and with rough work pieces.



b

S Standard
O Option

[illegible]



