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/n.	120/4	95/4
Total worktable length	mm	2250	2200
Min. ÷ max. working height on thicknesser	mm	3,5 ÷ 240	3,5 ÷ 240
Three-phase motors power starting from	kW/Hz	7 (8) / 50 (60)	5 (6) / 50 (60)

Find the complete technical specification at page 36

Feeding on Connecting Rods
constant precision

Thicknessing Table
rigidity and accuracy

Surface Fence
high rigidity

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

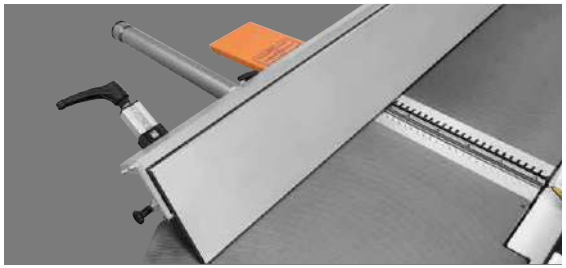
planers operating groups

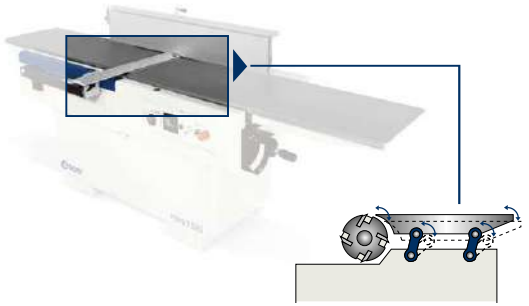
a guarantee of perfect planarity

Simultaneous raising of the worktables
The system allows the **changeover from planer to thicknesser** with a single movement ensuring working rapidity and accuracy.

high rigidity

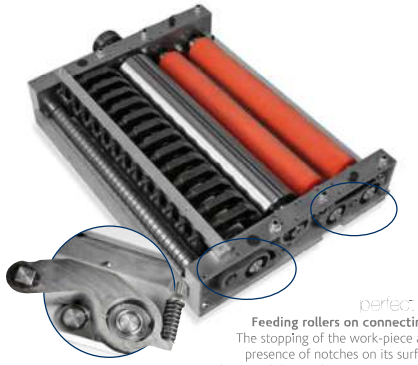
Surface fence
High rigid fence with a smooth movement thanks to the **central locking on round bar.**
The graduated scale facilitates the operator in positioning the guide to the required tilting.





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.

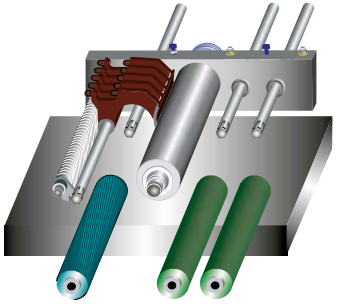


perfect finish

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.

simple and rapid

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



solutions 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 roller available as option)

Powered worktable lifting with micrometric adjustment.

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.

planers
main optional devices

"Tersa" monoblock cutterblock
The cutterblock 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.

"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 cutterblock
It includes:
- 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

Thicknessing table extension to be used in infeed or outfeed
It can be installed on the worktable end side.

Cast-iron mortiser
Drilling holes and mortises are easily carried out. It includes the exhaust hood, 120 mm diameter and 16 mm chuck.

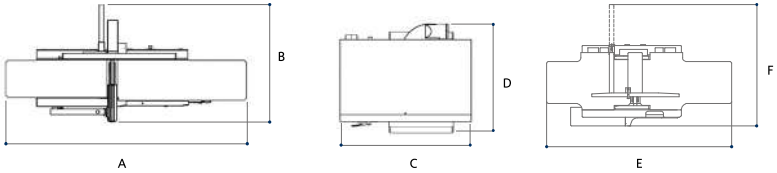
Thicknessing table with idle rollers
It enables the feeding of moist and/or resinous wood. Particularly suitable for heavy duty woodworking operations and with rough work-pieces.

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

Sectioned steel roller
It allows the simultaneous processing of different thicknesses giving great results even with minimum removal.

Outfeed rollers in sandblasted steel
For a perfect post-processing finish.

planers technical data



S Standard
O Option

OVERALL DIMENSIONS		nova f 520	nova f 410	nova s 630	nova s 520	nova fs 520	nova fs 410
A	mm	2750	2610	-	-	-	-
B	mm	1415	1150	-	-	-	-
C	mm	-	-	1275	1140	-	-
D	mm	-	-	1080	1003	-	-
E	mm	-	-	-	-	2250	2200
F	mm	-	-	-	-	1510	1200

TECHNICAL DATA		nova f 520	nova f 410	nova s 630	nova s 520	nova fs 520	nova fs 410
Working width	mm	520	410	630	520	520	410
Cutterblock diameter/standard knives	mm/n.	120/4	120/4	120/4	120/4	120/4	95/4
Standard knives dimensions	mm	35 x 3 x 520	35 x 3 x 410	35 x 3 x 640	35 x 3 x 520	30 x 3 x 520	30 x 3 x 410
Max. stock removal	mm	8	8	8	8	5	5
Total worktable length	mm	2750	2610	-	-	2250	2200
Thicknessing table dimensions	mm	-	-	640 x 1000	530 x 900	520 x 850	410 x 775
Feed speed on thicknesser	m/min	-	-	5/8/12/18	5/8/12/18	5/8/12/18	6/12
Min. ÷ max. working height on thicknesser	mm	-	-	3,5 ÷ 300	3,5 ÷ 300	3,5 ÷ 240	3,5 ÷ 240
other technical features							
Three-phase motors 5 kW (6,6 hp) 50 Hz - 6 kW (8 hp) 60 Hz		S	S	-	S	-	S
Three-phase motors 7 kW (9,5 hp) 50 Hz - 8 kW (11 hp) 60 Hz		O	O	S	O	S	O
Three-phase motor 9 kW (12 hp) 50 Hz - 11 kW (15 hp) 60 Hz		-	-	O	-	O	-
Exhaust hood diameter	mm	120	120	150	150	120	120

MAIN OPTIONAL DEVICES	nova f 520	nova f 410	nova s 630	nova s 520	nova fs 520	nova fs 410
"Tersa" monoblock cutterblock	O	O	O	O	O	O
"Xylent" spiralknife cutterblock with 3 spiralknives	O	O	O	O	O	O
Maintenance case for "Xylent" spiralknife cutterblock	O	O	O	O	O	O
Additional overturning fence for the processing of thin work-pieces	O	O	-	-	O	O
Worktable with 2 idle rollers	-	-	O	O	O	-
First front sectioned steel roller in place of the grooved one	-	-	O	O	-	-
Outfeed steel rollers in place of the rubber-coated ones	-	-	O	O	-	-
Powered thicknessing table lifting with micrometric movement	-	-	S	S	O	O
Cast-iron mortiser	-	-	-	-	O	O
Thicknessing table extension to be used in infeed or outfeed	-	-	O	O	O	-