

thicknessing **planers**

Easy to use and precise, stylish with practical design,
a wider range of applications.



THICKNESSING PLANERS		L'INVINCIBILE		CLASS		NOVA	
		S 7	S 5	S 630	S 520	S 630	S 520
Working width	mm	630	520	630	520	630	520
Work table dimensions	mm	640 x 1.000	530 x 900	640 x 1.000	530 x 900	640 x 1.000	530 x 900
Maximum working height	mm	300	300	300	300	300	300
Minimum working height	mm	3,5	3,5	3,5	3,5	3,5	3,5
Minimum working length	mm	260	220	260	220	260	220
Maximum stock removal in a single passage	mm	8	8	8	8	8	8
Feeding rollers diameter	mm	85	67	85	67	85	67
Cutterblock diameter (no. of knives)	mm	120 (4)	120 (4)	120 (4)	120 (4)	120 (4)	120 (4)
Spindle speed	rpm	4.500	4.500	4.500	4.500	4.500	4.500
Feed speed	m/min	4÷20	4÷20	4÷20	4÷20	5-8-12-18	5-8-12-18
Main motor power	kW	9	7	7	7	7	7
Feed motor power	kW	1,3	1,3	1,3	1,3	-	-
Exhaust outlet diameter	mm	150	150	150	150	150	150
Extraction flow rate to 20 m/sec	m³/h	1.272	1.272	1.272	1.272	1.272	1.272
Basic machine weight	kg	965	745	925	680	785	680



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Devices and options.



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FEEDING ROLLERS ON CONNECTING ROADS: PERFECT FINISH.

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.

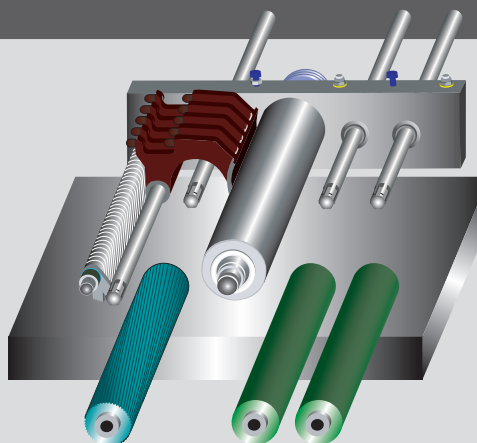
RUBBER ROLLERS: MAXIMUM EFFICIENCY AVAILABLE AS STANDARD.

Perfect surfaces and high feeding performance with the standard rubber rollers.

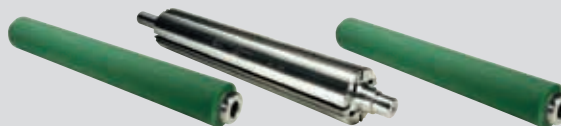
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INTERCHANGEABLE ROLLERS: ONE MACHINE FOR EVERY REQUIREMENT.

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. The operator does this by simply replacing the first toothed steel roller with a rubber roller.



Basic configuration with grooved infeed roller in steel



The grooved roller in steel is removed and has been substituted by the second outfeed rubber roller



WORK TABLE MOVEMENT: STURDY STRUCTURE WITH PRECISION.

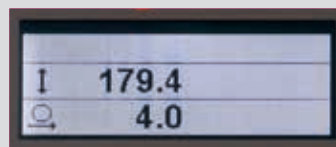
The 4 screws with a large diameter combined with the 2 side linear guides ensure **worktable stability** eliminating the necessity of locking in position.

The integrated protections guarantee **high precision and reliability over time**.

ELECTRONIC ADJUSTMENT OF THE FEED SPEED: BEST FINISH AT MAXIMUM SPEED.

The optimum feed speed is automatically adjusted by the SCM specific management system, which controls the power consumption of the main motor (planer group), ensuring the **best possible finishing quality and avoiding the overloading of the motor**.

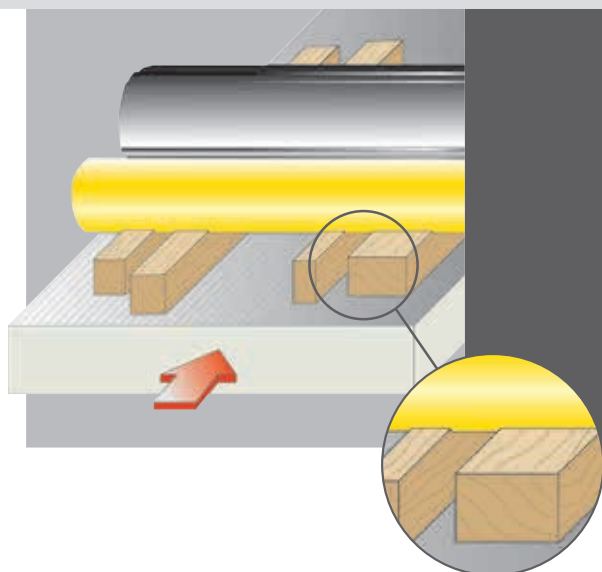
L'invincibile



FEED SPEED BY MEANS OF AN INVERTER HIGHER PRODUCTIVITY.

Control of the variable feed speed by means of a user-friendly adjusting device on the front control panel that guarantees the best quality finish. Dedicated warning light to indicate too higher speed.

class



toptech

DUAL DENSITY ROLLER: THE OPTIMAL FEED ON WORK PIECES WITH DIFFERENT THICKNESSES.

The fluid feeding also provides the best quality in the simultaneous processing of multiple boards with different thicknesses. The **edges are not damaged** even when the work pieces are not perfectly aligned giving great results even with minimum removal. Suitable also for upgraded woods and/or thin thicknesses.

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Devices and options.



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PNEUMATIC ADJUSTMENT: THE PERFECT FEED IN ANY WORKING CONDITION.

The pressure exerted on the work piece can be changed at any time by adjusting the pneumatic load on the rollers for the **best finish and effectiveness of the feeding** of any material and in any working condition.



The unique ability to differentially set the pressure on the infeed and outfeed rollers allows the operator to combine maximum efficiency of the feed with the need for limited material removal.
L'invincibile

THICKENING TABLE WITH IDLE ROLLERS: IDEAL FOR HEAVY DUTY WOODWORKING OPERATIONS.

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



SCM MONOBLOCK CUTTERBLOCK: EASY AND RAPID IN USE.

Ease of use and rapid changeover of the throwaway knives due to the automatic locking/unlocking system and with self-adjustment. The cutter block is made from a single block of steel ensuring complete stability even under heavy dynamic loads.



**WORKTABLE EXTENSION:
DOUBLE PRODUCTIVITY.**

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

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	S 7	S 5	S 630	S 520	S 630	S 520
No. 2 speeds powered work table movement	S	S	S	S	S	S
No. 2 axes "Ready" electronic control	S	S	-	-	-	-
Electronic digital readout for working height	-	-	S	S	-	-
Analogic readout of stock removal height	-	-	-	-	S	S
Feed speed with electronic adjustment by means of inverter from 4 to 20 m/min	S	S	S	S	-	-
No.4 feed speeds: 5-8-12-18 m/min	-	-	-	-	S	S
First front roller in helicoidal grooved steel	S	S	S	S	S	S
First front roller with rubber coating	O	O	O	O	-	-
First front roller with two different types of rubber	O	-	O	-	-	-
First sectional feed roller in steel	O	O	O	O	O	O
No. 2 outfeed rollers	S	S	S	S	O	O
Outfeed rubber-coated roller/s	S	S	S	S	S	S
Pneumatic pressure with independent adjusting on the front/outfeed rollers	S	S	-	-	-	-
Adjustable pneumatic pressure on the feed rollers	-	-	O	O	-	-
Work table with no. 2 idle rollers	O	O	O	O	O	O
"Tersa" monoblock cutterblock with throwaways knives	O	O	O	O	O	O
Worktable extension	O	O	O	O	-	-

S= standard O= option - = not available