P 3200 Nx
P 3200 Sx
P 3200 Ax

TAURUS CRACO

PAOLONI

Fimal
Fabbrica italiana macchine legno

Circular saw with tilting blade

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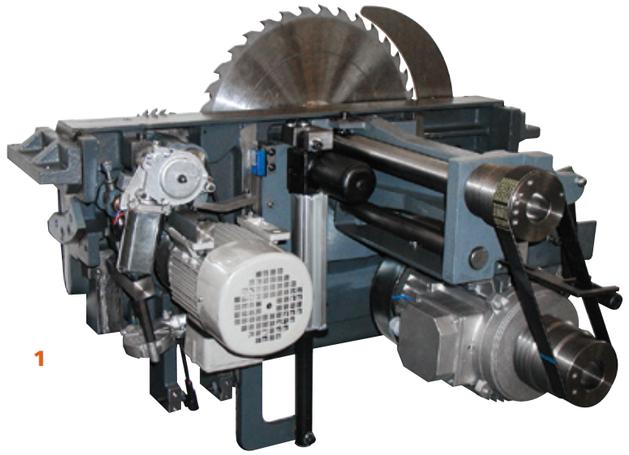


1

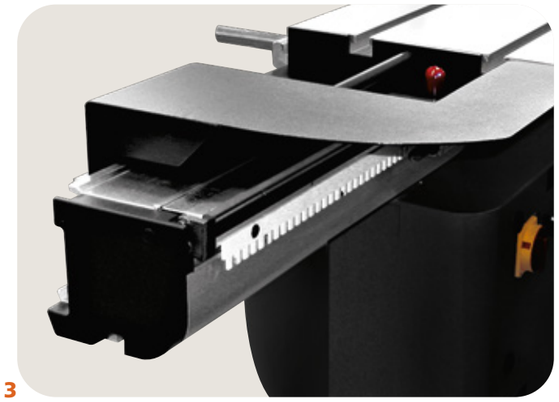
1 Sawing unit with long shaft

The sawing unit with a long shaft slides vertically along prismatic guides. Stability and lack of vibration are ensured by the considerable distance between the bearings of the long shaft. Power is transmitted through a new PolyV-belt.

2

2 Excellent cutting finish and quality

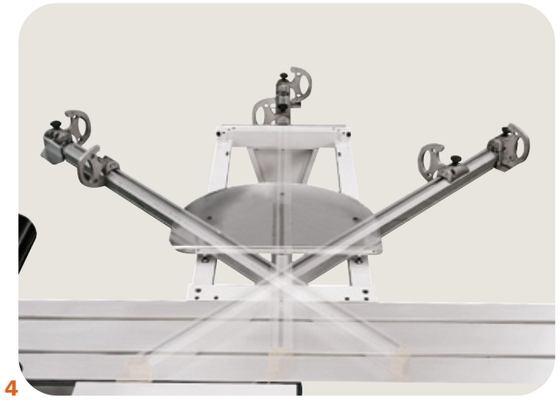
The carriage sliding system, with large diameter bearings that roll along hardened and ground prismatic tracks, together mechanical machining operations carried out on with numerically controlled machines, mean stability, no vibration, excellent sliding and straight cutting. The tracks are fixed to the carriage and to the sub-carriage by mechanical pressure, avoiding any risk of glue losing it adhesions through age.



3

3 Carriage lock

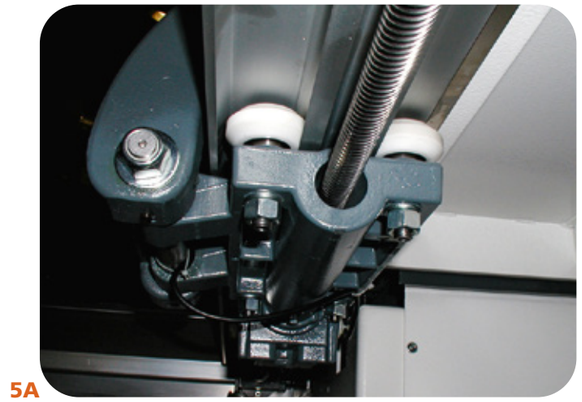
The carriage has a lock which can be inserted in any position making loading of the pieces to be machined even safer.



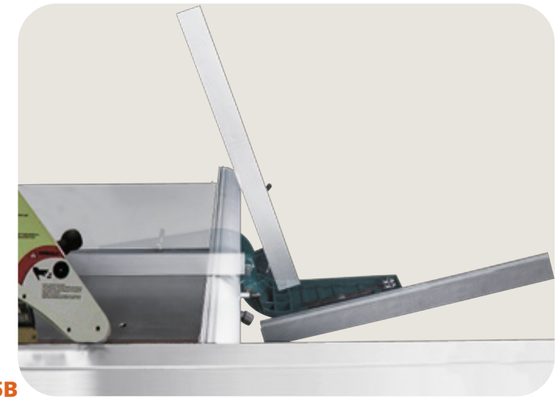
4

4 Extension table fence

The extension table fence can be quickly set from +45° to –45° with fixed references at each angle and at 22°30’ because it is equipped with a rapid locking system and always keeps the stop settings constant in relation to the saw blade in any position, whether square or at an angle. This fence is extremely useful when frequent cuts are required at different angles.



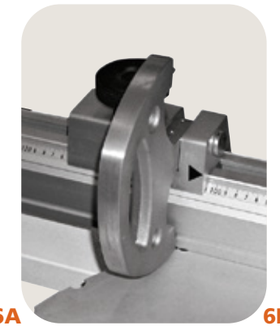
5A



5B

5 Saw guide 5A/5B

The saw guide, with micrometric adjustment, slides along alumnium profiles by means of wheels and can easily be excluded from the work table, by rotation, for sawing large sized panels. The saw guide on the **P 3200 N** is moved manually, the **P 3200 S** has a motorised saw guide display with a magnetic band, while on the **P 3200 A** the saw guide is adjusted using the programmer.



6A

6B

6 Fence stops 6A/6B

The fence stops are reversible and measurements are indicated on high-precision pantographed metric gauges on models

P 3200 Nx and **P 3200 Sx**.
The model **P 3200 Ax** .is equipped with a series of three stops of which 2 are electronically displayed, by a magnetic band reading and the third is read on the 2nd readout.

7 Controls and saw blade unit

All adjustments controls of the machine are on an antiscratch, anti-oil membrane keypad directed towards the operator. Saw blade and scoring blade start by mean of switches on the control panel or, if requested, on top of carriage. As standard, raising and titling the saw blade are motorised operations and displayed by:

- An electronic readout only for tilting on the **P 3200 Nx**.
- An electronic readout for raising and tilting on the **P 3200 Sx**.
- Axis control by means of programmer for raising and tilting on the **P 3200 Ax**.

7 Scoring saw unit

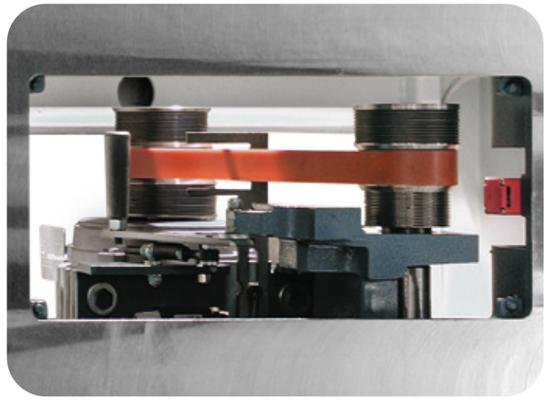
Horizontal adjustment of the scoring saw is electric and by impulse on all models, with the offset in relation to the saw blade also being displayed on the **P 3200 Ax**. Vertical scoring saw adjustment is electric on all models, and is combined with display of the scoring blade protrusion in relation to the work table on the **P 3200 Ax**. Both scoring saw adjustments can be made with the saw in any position, whether vertical or at an angle.

8 3 or 4 axis programmer and overhead control board

The overhead control board is directional and can take an electronic programmer with graphic display mm123x60 and 3 axis microprocessor with a 800 cycle memory for each axis. The standard 3 axis programmer on the **P 3200 A** model makes it possible to program the saw upstroke, the saw angle, as well as the position of the parallel fence, displaying at the same time the settings of the 3 axes, the client name and the name of the piece to be processed. Moreover it shows the scoring height and set-off. The 4th axis(on request)programs the fence stops and an industrial PC with a colour touch-screen 15" is available to control the 3 - 4 axis.

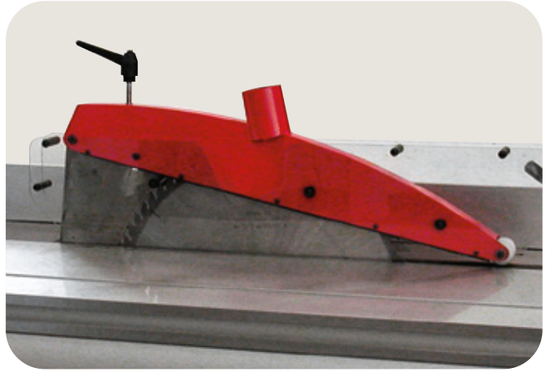
9 CE / Standard

Suspended guard compliant to "CE" standards with possibility to be quickly removed.



10 Speed change

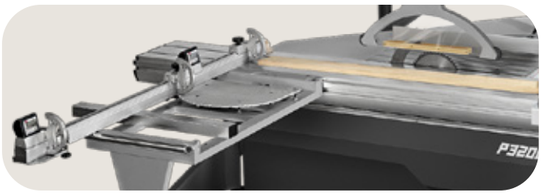
The speed change is very quick and easy because it can be simply executed through an opening that is above the working table.



11 Standard saw guard

12 Device for parallel cuts

Makes it possible to square long and narrow panels using the carriage. The stop can be displayed, on request.



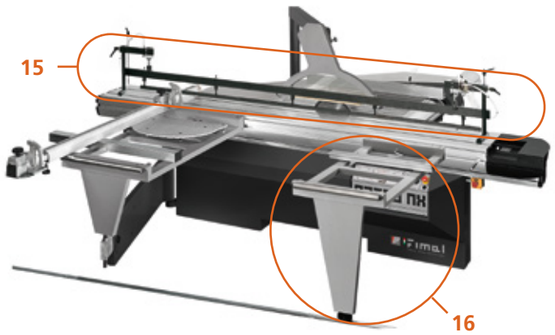
13 Motor driven carriage with variable speed

The variable speed motor driven carriage makes cutting large and thick panels or boards a smooth and easy job.

14 Post-forming scoring saw

The scoring saw with automatic upstroke gives an optimum cutting finish even on post-formed panels.

Optional



15 Full-length presser

Makes cutting packs of thin or veneered materials much easier. Easy to extract, it is supplied complete with pneumatic pressers. The effective cutting length is 3000 mm.

16 Second additional work table extension

Particularly useful when working with extremely large panels.

17 Speed setting by inverter

Inverter for adjusting the electronic spindle rotation speed,allowing the most suitable tool speed to be selected for both the tool diameter and the type of material being machined.

GB Standard equipment	Nx	Sx	Ax
CARRIAGE LOCKING IN ALL POSITIONS	●	●	●
MITRE FENCE WITH PROFILE AND REFERENCE STOP	●	●	●
SAFETY GUARDS ON SAW AND SCORING SAW	●	●	●
PROFILES IN ANODISED ALUMINIUM	●	●	●
ELECTRIC SCORING SAW HORIZONTAL ADJUSTMENT	●	●	●
AUTOMATIC SAW BLADE LIFTING	●	●	●
AUTOMATIC BLADES TILTING	●	●	●
THERMAL MAGNETIC CIRCUIT BREAKERS	●	●	●
EMERGENCY BUTTON	●	●	●
SAW BLADE EXTENSION AT OUTFEED	●	●	●
FENCE ON ADDITIONAL TABLE WITH QUICK 90 LOCKING AND TILTING WITH REFERENCES EVERY DEGREE AND 22 30'	●	●	●

Standard equipment	Nx	Sx	Ax
ELECTRIC SCORING SAW VERTICAL ADJUSTMENT	●	●	●
ECCENTRIC CLAMPING	●	●	
ELECTRONIC READOUT FOR BLADES TILTING	●	●	
ELECTRIC READOUT FOR SAW LIFTING		●	
MOTORISED GUIDE DISPLAYED BY MAGNETIC BAND		●	
STOPS ON FENCE DISPLAYED BY MAGNETIC BAND			●
OVERHEAD CONTROL BOARD			●
PNEUMATIC CLAMPING ARM			●
3 AXIS PROGRAMMER FOR BLADES TILTING, SAW LIFTING AND POSITIONING PARALLEL FENCE			●

CE Equipment
ELECTRICAL INSTALLATION TO CE STANDARD
SAFETY MICROSWITCHES ON DOORS
THERMAL MAGNETIC CIRCUIT BREAKERS
MAIN SWITCH WITH PADLOCK
EMERGENCY BUTTON
ELECTROMAGNETIC BRAKE
CE SAW GUARD WITH 100 mm SUCTION
SPEED ENGAGED LED READOUT

GB Tecnical data		P 3200 Nx	P 3200 Sx	P 3200 Ax
SAW				
FIXED TABLE DIMENSIONS / HEIGHT	mm	1030 x 650 / 870	1030 x 650 / 870	1030 x 650 / 870
CARRIAGE DIMENSIONS / STROKE	mm	3200 x 400 / 3500	3200 x 400 / 3500	3200 x 400 x 3500
CUTTING WIDTH	mm	1300	1300	1300
MAX DIAM. SAW BLADE / HOLE	mm	450 / 30	450 / 30	450 / 30
CUTTING HEIGHT AT 90°-45°	mm	157 - 111	157 - 111	157 - 111
TILTING BLADES	°	0° - 45°	0° - 45°	0° - 45°
SPINDLE SPEED SAW fl 30 mm	r.p.m.	3000/3600/4200	3000/3600/4200	3000/3600/4200
MOTOR POWER	kW	5,5	5,5	5,5
UPPER AND LOWER DUST EXTRACTION HOOD fl	mm	120 / 100	120 / 100	120 / 100
STANDARD SCORING SAW WITH ELECTRIC HORIZONTAL ADJUSTMENT (POST FORMING OPTIONAL)				
fl BLADE - fl HOLE, STANDARD SCORING SAW	mm	125 - 20	125 - 20	125 - 20
fl BLADE - fl HOLE, POST FORMING SCORING SAW (optional)	mm	230 - 20	230 - 20	230 - 20
SCORING//POST FORMING UNIT CUTTING HEIGHT	mm	8 / 50	8 / 50	8 / 50
SHAFT SPEED STANDARD SCORER/POST FORMING SCORER	r.p.m.	7600 / 4400	7600 / 4400	7600 / 4400
MOTOR POWER STANDARD SCORER/POST FORMING SCORER	kW	0,55 / 0,75	0,55 / 0,75	0,55 / 0,75
SOUND EMISSION ACCORDING TO ISO 7960 STANDARD-CUTTING WITH SAW	LAeq(Db)	81,2 - 83,9	81,2 - 83,9	81,2 - 83,9
DUST EMISSION ACCORDING TO DIN 33893 STANDARD-CUTTING WITH SAW	mg/m3	0,87	0,87	0,87
NET WEIGHT	Kg	1050	1080	1250
THE COMPANY RESERVES THE RIGHT TO PERFORM TECHNICAL OR MANUFACTURING MODIFICATIONS.				

● = STANDARD ○ = ON REQUEST ▬ = NOT AVAILABLE

	Nx	Sx	Ax
DEVICE FOR PARALLEL CUTS	○	○	○
MOTOR DRIVEN CARRIAGE WITH VARIABLE SPEED	▬	▬	○
CARRIAGE 3800 mm LONG	○	○	○
POST-FORMING SCORING UNIT	○	○	○
EXTENSION TABLE mm 400	○	○	○
EXTRA EXTENSION TABLE	○	○	○
STOPS ON FENCE INDICATED BY MAGNETIC BAND	○	○	●
SAW BLADE MOTOR WITH INVERTER	▬	○	○
PRESSURE PAD 3000 or 3600 mm LONG	○	○	○
CONTROLS ON CARRIAGE - AUTOMATIC STARTING ⊥ △	○	○	○
ALIGNING LASER DEVICE	○	○	○
CUTTING WIDTH ON PARALLEL FENCE mm 1100 OR 1500	○	○	○
CUTTING OPTIMIZER	▬	▬	○
AUTOMATIC LABELLING MACHINE ON MACHINE EDGE	▬	▬	○
SAW FENCE CONTROLLED BY PROGRAMMER ON CONTROL PANEL OR MOBILE CONTROL PANEL	▬	○	●
THREE-AXIS PROGRAMMER ON CONTROL PANEL OR MOBILE CONTROL PANEL	▬	○	●
SCORER PNEUMATIC EXCLUSION	○	○	○
SCORING OFF-SET DISPLAY	○	○	●
4-AXIS PROGRAMMER ON CONTROL CONSOLE OR ON PENDENT	▬	○	○
PROGRAMMER WITH 15" COLOUR TOUCH SCREEN MONITOR	▬	▬	○

CE

Made in Italy