



ATLAS

SERIES



 **NIMAC**
GROUP

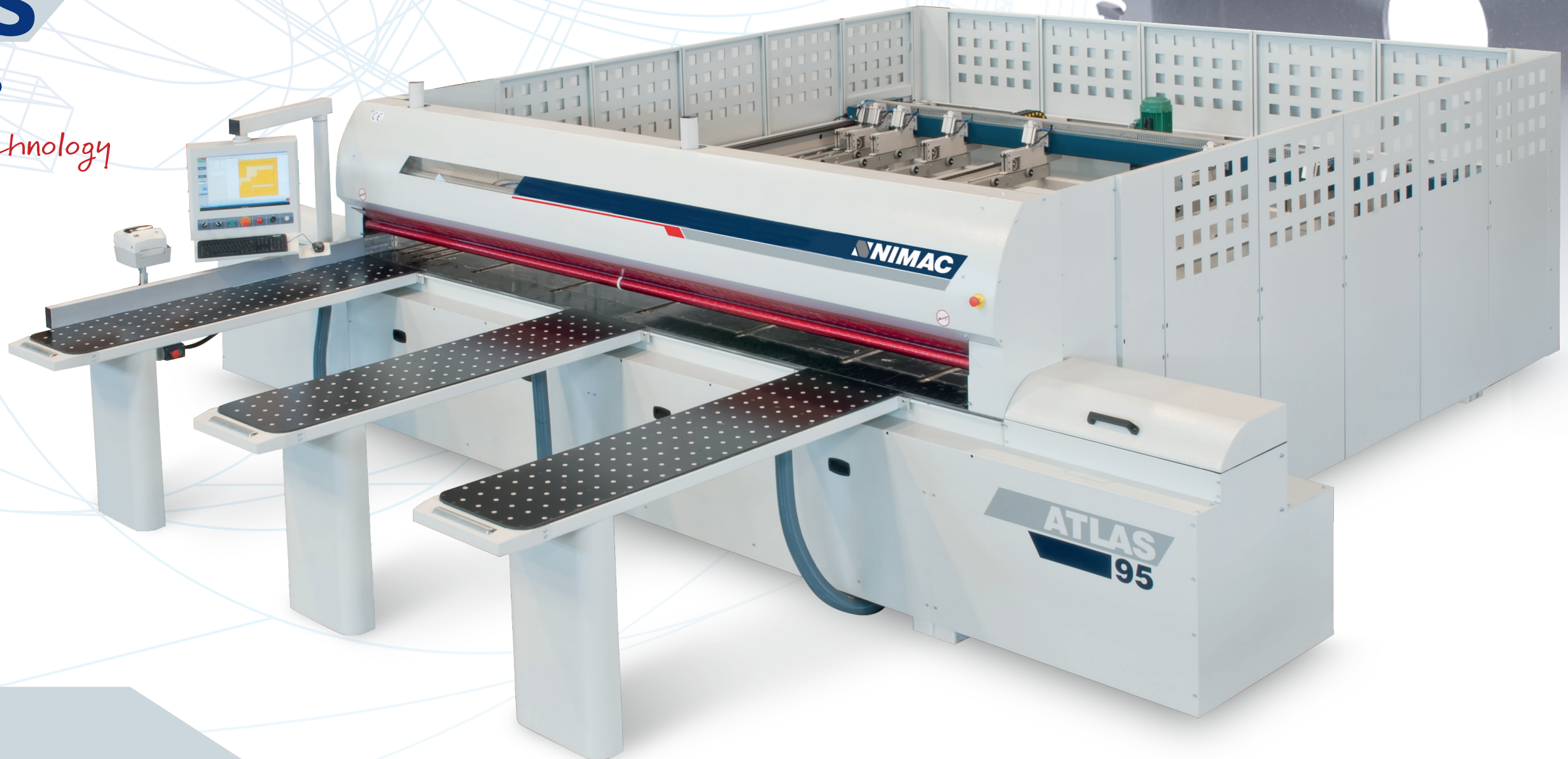
ATLAS

SERIES

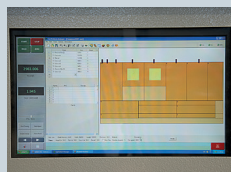
Cutting edge technology

The new series of panel saw **ATLAS** is the result of our research and experience, gained through the continuous search for solutions at the customers needs and through the evolution of technology. The high manufacturing quality, the perfect cutting, the high productivity and the practical handling compose the new ATLAS 75-95. It is the panel saw with the ideal quality per value.

The rigid construction of the machine frame compensates the forces from the combined weight of the panels and the pressure beam, reducing the vibrations.



STANDARD

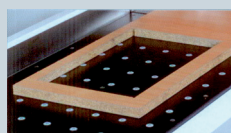


PC CONTROL

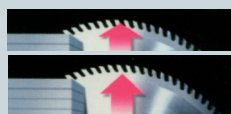
PC based numerical control with 20" flat screen, Windows XP operating system and cutting optimizer software. The software can optimize up to 5 different panels and 100 different parts. Easy programming of even complex projects cut. Real time graphic of various operation phases. UPS inside the electrical cabinet for the PC's protection.



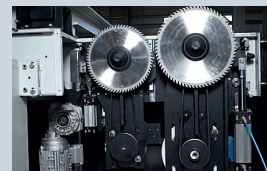
System for grooving cuts in automatic sequence



System for cutting windows in panels

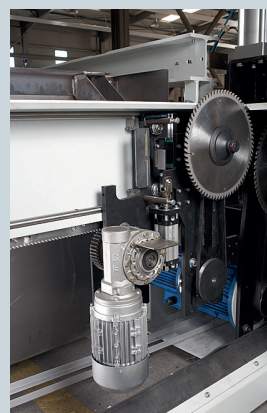


Automatic blade projection according to the material's height



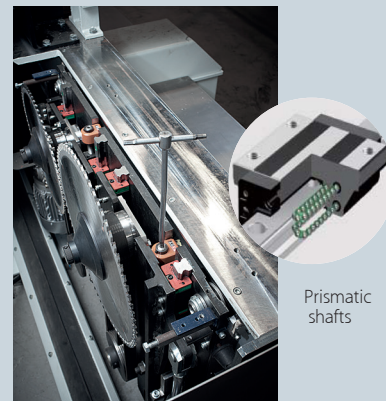
SAW CARRIAGE

The rigid construction and the hi quality prismatic guides for rising and falling blades provides stability and precision in cutting line.



SLIDING SYSTEM

Rack transmission Operates on rack-pinion system for precise and hi-speed movement. Inverter is on standard version. Max. speed up to 120 m/min by brushless motor on request.



Saw blade adjustment by mechanical indicators.

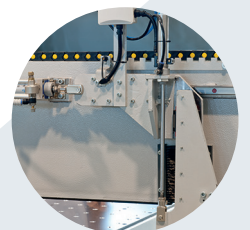
Prismatic shafts



The pusher travels through precision pinions and racks. The precise positioning of the pusher is achieved by a magnetic band (no contact system). The automatic side aligner moves in relation to the width of the panels to be aligned. Ensures perfectly squared panels.



A robust torsion bar and precision rack guaranties a perfect parallelism of the pressure beam with respect to the working table. The grooved pressure beam allows the grippers to keep the panels clamped until the final cut. The handling of the machine becomes with a very easy and friendly control system that allows the fast implementation of programs of cutting.



AUTOMATIC SIDE ALIGNER

The side aligner runs on prismatic guides and ensures precision on cross-way cuts.

ATLAS 75 - ATLAS 95

TECHNICAL DATA

	ATLAS 75	ATLAS 95
Cutting dimensions	3200 x 3200 mm 3800 x 3800 mm 4300 x 4300 mm	3200 x 3200 mm 3800 x 3800 mm 4300 x 4300 mm
Cutting height	65 mm	90 mm
Blade projection	75 mm	100 mm
Main saw's motor	10 Hp	10 Hp
Scoring saw's motor power	2 Hp	2 Hp
Cutting speed (controlled by inverter)	1-70 m/min	1-70 m/min
Pusher's speed (controlled by inverter)	0,5-25 / 30 m/min	0,5-25 / 30 m/min
N° of grippers	7	8
Main saw diam.	300 mm	350 mm
Scoring saw diam.	160 mm	160 mm
Air flotation tables dim.	1300 x 500 mm 3	
CE rules. Rear safety fence and hands protection curtain.		
Automatic lubrication for the carriage bearings.		
Teleservice through internet (free of charge during the warranty period)		

OPTIONAL UPON REQUEST

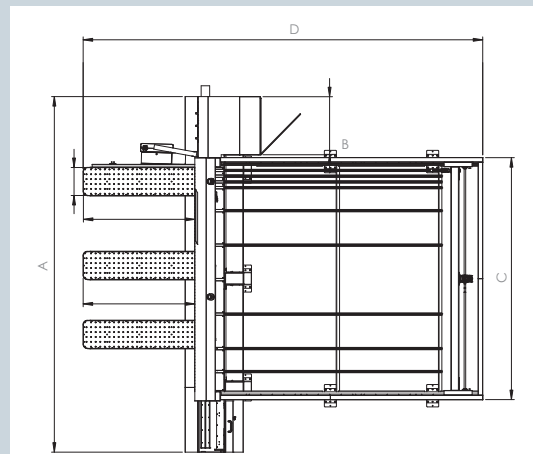
- Air flotation tables dim. 2000x500 mm
- Post forming system
- Bar code software and USB label printer
- Brushless motor for cutting speed 0-120 m/min
- Brushless motor for pusher's speed 50 m/min.
- Quick blade change system
- Extra table
- Extra gripper
- Rollers in front tables to make easier the loading
- Main motor 15 Hp
- NIMAC Master Optimizer. Complete software for office including powerful optimization, edgbanding, stock management and financial analysis.



LABEL PRINTER
Bar code software
and USB label printer



QUICK BLADE CHANGE SYSTEM
Blade change.
Quick and safe replacement
for the blades by using
only 1 allen key.



USEFUL CUTS (E)	A	B	C	D
3200 x 3200	5700	3700	3600	6500
3800 x 3800	6300	4400	4300	7200
4300 x 4300	6800	5100	4900	7800

The manufacturer reserves the right to modify technical specifications without prior notice.

research | technology | precision | quality | service



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