ATLAS

SERIES

NIMAC GROUP

ATLAS
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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.
It is the panel saw with
the ideal quality per value.

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

STANDARD

PC CONTROL
PC based numerical control with 21" flat screen,
Windows 7 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

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

System for cutting
windows in panels

Prismatic
shafts

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.

Automatic blade
projection
according to the
material's height

Saw blade adjustment
by mechanical indicators.

NIMAC

ATLAS 75

The pusher travels through precision pinions and racks. The precise positioning of the pusher is achieved by a magnetic band (no contact system). The grooved pressure beam allows the grippers to keep the panel's clamped until the final cut. The extremely fast servo-drive technology guarantees shortest cycle times.

A robust torsion bar and precision rack guaranties a perfect parallelism of the pressure beam with respect to the working table. The handling of the machine becomes with a very easy and friendly control system that allows the fast implementation of cutting programs.
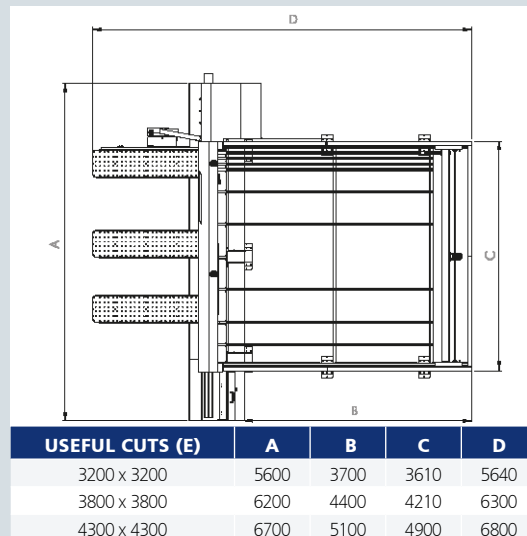
AUTOMATIC SIDE ALIGNER
The side aligner runs on prismatic guides and ensures precision on cross-way cuts.

ATLAS SERIES

TECHNICAL DATA

	ATLAS 32/75	ATLAS 75	ATLAS 95
Cutting dimensions	3200 x 3200 mm	3800 x 3800 mm 4300 x 4300 mm	3800 x 3800 mm 4300 x 4300 mm
Cutting height	65 mm	65 mm	90 mm
Blade projection	75 mm	75 mm	100 mm
Main saw's motor	10 Hp	10 Hp	10 Hp
Scoring saw's motor power	2 Hp	2 Hp	2 Hp
Cutting speed (controlled by inverter)	1-80 m/min	1-80 m/min	1-80 m/min
Pusher's speed (controlled by inverter)	0,5-25/30 m/min	0,5-25/30 m/min	0,5-25/30 m/min
Nº of grippers	5	7	7
Main saw diam.	300 mm	300 mm	350 mm
Scoring saw diam.	160 mm	160 mm	160 mm
Tables (no 3)	1300 x 500 mm	1300 x 500 mm	1300 x 500 mm

Quick blade change system

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)

USEFUL CUTS (E)	A	B	C	D
3200 x 3200	5600	3700	3610	5640
3800 x 3800	6200	4400	4210	6300
4300 x 4300	6700	5100	4900	6800

OPTIONAL UPON REQUEST

Air flotation tables	1300 x 500 mm 2000 x 500 mm

Automatic pressure beam according material's height

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

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, edgebanding, stock management and financial analysis

NIMAC CABINET 3D DESING. Software for kitchen and cabinet design

ATLAS 100T (LIFTING TABLE)

eyeQcreative
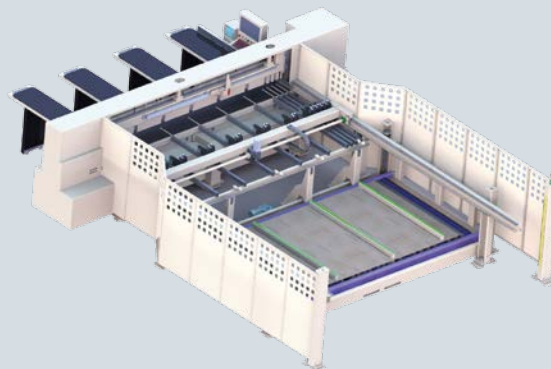
research | technology | precision | quality | service

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

TÜV
AUSTRIA
HELLAS
EN ISO 9001:2000

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FACTORY - SHOWROOM
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