

HERMES

SERIES

**AUTOMATIC
HORIZONTAL
BEAM SAWS**



Cutting edge technology since 1977

NIMAC
GROUP

HERMES

70 CNC

New concept in beam saws by NIMAC GROUP

Adjusted to the new demands of the medium sized companies. The sturdy construction, the high manufacturing quality and the perfect cutting, compose the new HERMES 70 CNC: The most competitive beam saw in the market.

NIMAC GROUP is a top European manufacturer with global sales in woodworking machines. Founded in 1977.



Label printer (optional)

Feeding roller (optional)

STANDARD



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.



AUTOMATIC SIDE ALIGNER:

The best solution for precise cross cutting. Pneumatically adjusted movement allows perfect pressure at every type of panel and ensures reduced cutting times.



MAINTENANCE FREE SLIDING SYSTEM

Saw carriage moves up on two round linear motion shafts protected by special dust scrapers. No lubrication required. Movement by industrial toothed belt. Silent transmission



QUICK BLADE CHANGE SYSTEM

Quick and safe replacement for the blades by using only 1 allen key.

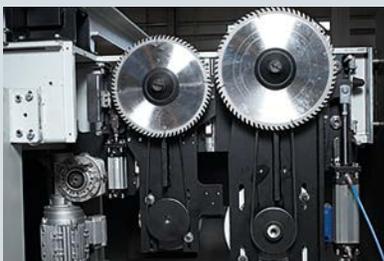
10 years warranty for the linear round shafts.



Fourth table
(optional)

The laser device automatically detects the panel's sizes avoiding the manual measurement from the user and time waste.
(optional)

OPTIONALS



ADVANCED SAW CARRIAGE (Blade projection 75mm)

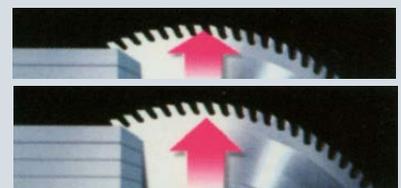
The rigid construction and the high quality prismatic guides for the blades rising provides stability and precision in cutting line.



System for grooving cuts in automatic sequence.



System for cutting windows in panels



AUTOMATIC BLADE PROJECTION

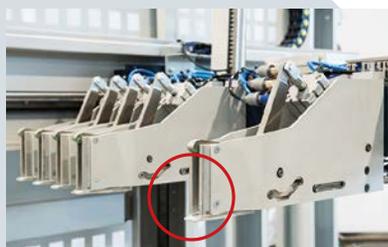
Automatic pressure beam positioning according material's thickness.

HERMES

70T CNC

The ideal panel sizing center

Equipped with powerful cutting optimizer, the best 3D software, heavy duty lifting table and all the necessary features of a high productivity machine.

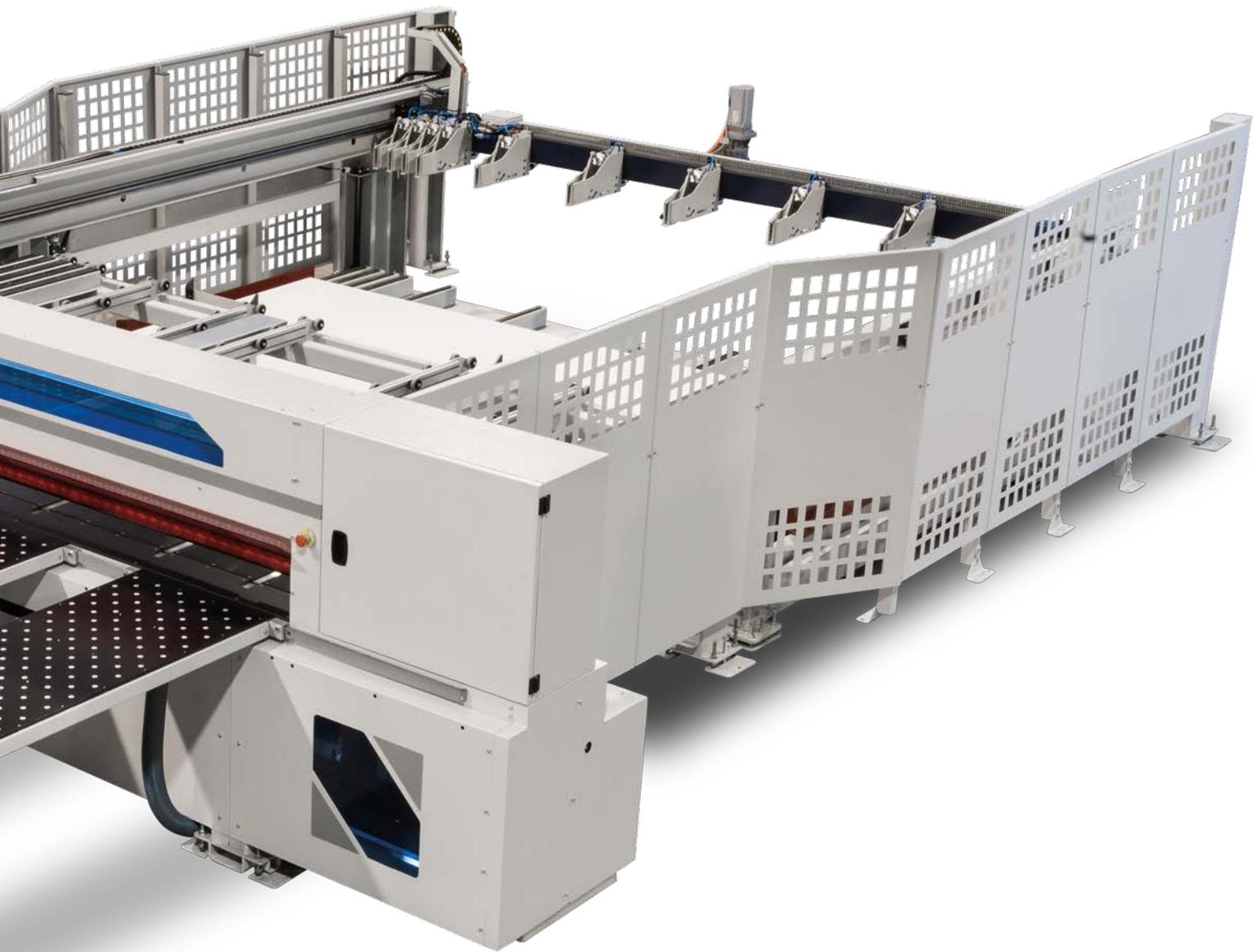


CLAMPS

Double piston clamps with removable down finger allowing perfect transport of selected panels from the stack without damages

ALIGNERS

Two aligning devices for panels perfect parallelism



LIFTING TABLE

Running on 4 large trapezoidal screws, ensures parallel lifting of the stack achieving maximum productivity.

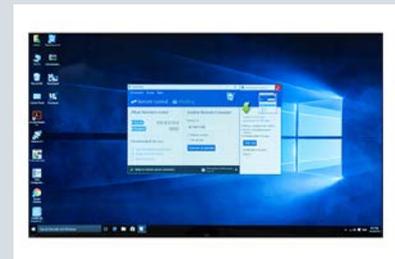
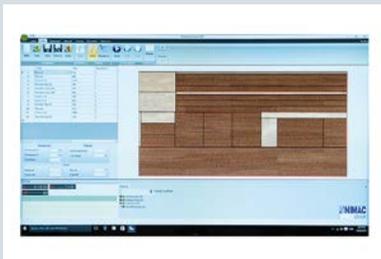


Platform with motorized roller conveyor for side loading (optional).

POWERFUL CONTROLLER INCLUDING THE MOST ADVANCED SOFTWARE

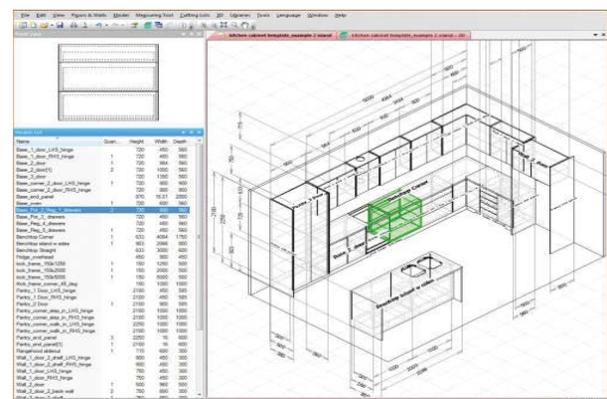
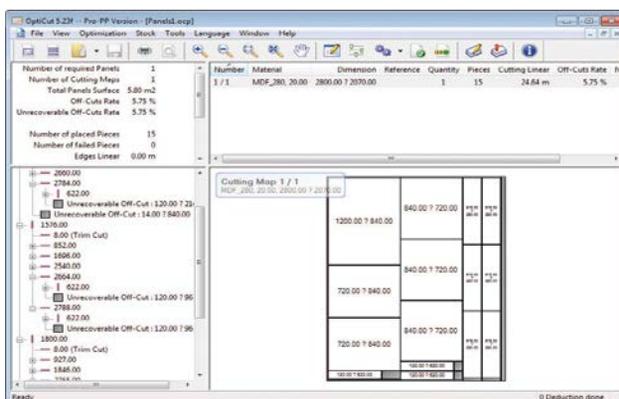


- Windows 10 Operating System and the best Cutting Optimizer software included.
- 22" LED monitor with HD resolution for comfortable viewing.



- Easy to use with optimized machining operations.
- Graphic Editor. Easy programming of even complex projects cut.
- 3D real time graphic simulation with messages for the operator.
- Report of the production.
- OPTICUT LITE EDITION. The powerful software that makes production easy.
- Diagnostics provide complete information to ensure that any problems are quickly resolved.
- Connection with external optimizers and management of material stocks and costs.
- Teleservice through internet.

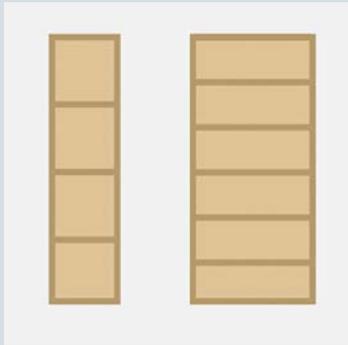
OPTIONAL SOFTWARE



OPTICUT PRO PP: OFFICE OPTIMIZER
based on multimode, multifomat and multimaterial algorithm. Features grain direction, trim cuts, plated edges, panels turnaround, parametric labels and stock management. Impressive performance : It sorts the cutting lists into the most efficient layouts in seconds saving time and money.

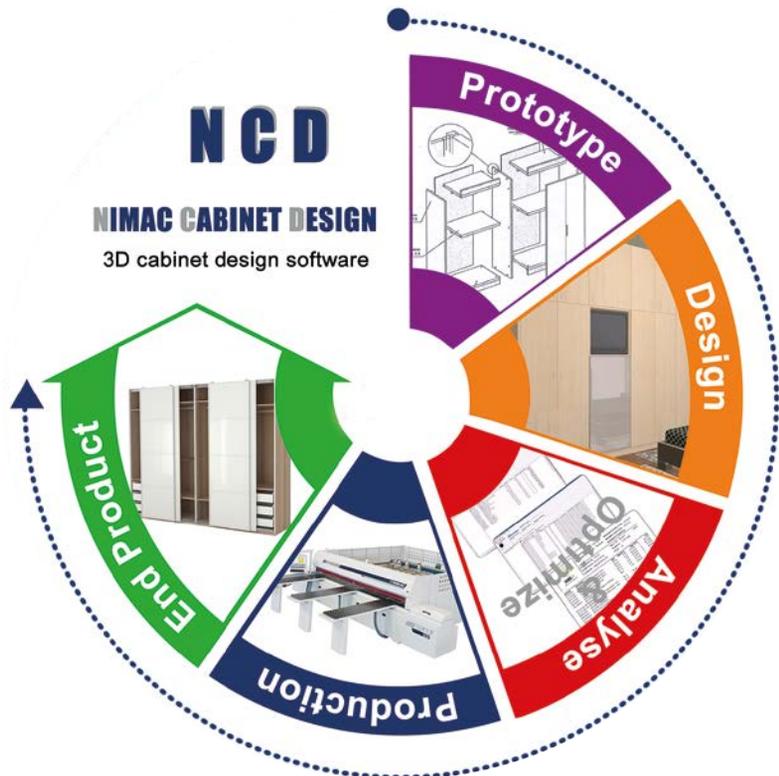
CABINET DESIGN SOFTWARE.
Interactive design and manufacturing cabinet software, based on a powerful methodological concept. Automatic management of all the assembly and manufacturing details. Accurate cutting lists. Post processors files for CNC machines.

COMPLETE SOFTWARE SOLUTIONS FROM DESIGN TO MACHINING IN FEW MINUTES



SMART CUT: CUTS MORE PANELS FASTER

The top technology allows to carry out two side by side bars with cross and longitudinal cuts simultaneously. Significant productivity increase. (optional).



CABINET DESIGN | OPTIMIZATION | BEAM SAWING

Prototype

- Ready for use kitchen & closet libraries
- Powerful cabinet editor to create or change your own libraries

Design

- Fully parametric design. Automatic dynamic 2D and 3D presentations.

Analyse & Optimize

- Rich set of automated generated reports, included:
 - material list
 - cutting list
 - invoices
 - orders

Production

- Post processor to connect with the NIMAC cutting machines

OUR SOFTWARE PARTNERS



TOP BRAND COMPONENTS



OPTIONAL

PANEL STORAGE SYSTEM



Automated magazine for the optimized management of panels.
Rapid return on investment thanks to increased efficiency and cost reduction.

HERMES 70 CNC HERMES 70T CNC

TECHNICAL DATA

Cutting length	2900-3800-4300 mm
Blade projection	70 mm (opt. 75 mm)
Main saw motor	10 HP
Scoring saw motor	2HP
Pusher's speed	0,5-30 m/min
Pusher's speed controlled by servomotor (opt.)	50 mt/min
Cutting speed	1-70 m/min (opt. 100 m/min)
Automatic side aligner	40-1140 mm
Main saw diameter	300 mm (opt 320 mm)
Scoring saw diameter	160 mm
Number of clamps (grippers)	5-7-9
Weight	3500-4000-4500 Kg 7000-7500-8000 Kg

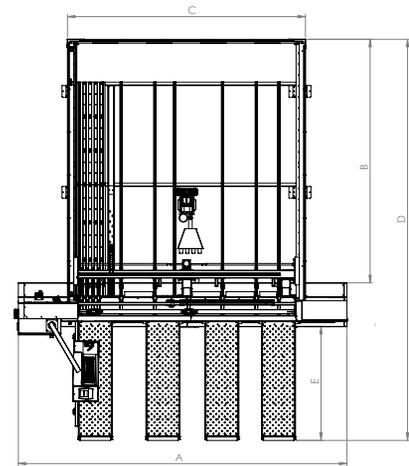
Magnetic tape for pusher's measurement (non-contact system). Maximum accuracy
Slotted pressure beam. The panels are always gripped up to the last cut
Scoring unit axial and vertical micrometric adjustment
New 3D software including optimization and automatic panel measurement
CE rules. Rear safety fence and hands protection curtain
Automatic lubrication for the carriage bearings
Teleservice through internet (free of charge during the warranty period)
UPS in electric box for PC control

OPTIONAL UPON REQUEST

Advanced saw carriage: blade projection 75 mm
Grooving
Cut out
Post forming
Servo motor for pusher (backward speed 50 m/min)
Digital scoring regulation through PC control.
Automatic pressure beam positioning according material's thickness
Feeding table rollers
Laser device for automatic panel measurement
Additional clamps
Air flotation tables 600x2000 or 500x1300 mm
4th air flotation table
Barcode software and label printer
Start-stop cycle button movable. Effective solution when large panels are on front tables
Air conditioner at electrical cabinet
OPTICUT PRO PP: Office optimizer , pvc calculations and cost analysis
Cabinet Design Software.
NCD Complete Software Solutions Online
Packing and wooden base

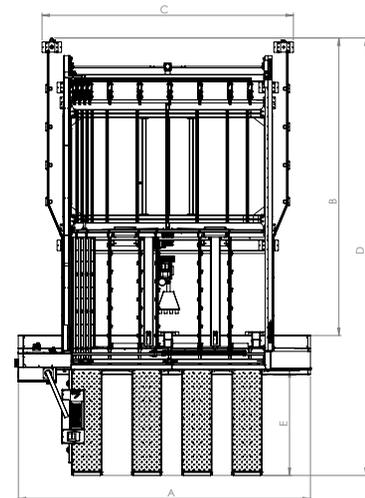
ADDITIONAL FEATURES NECESSARY FOR LIFTING TABLE

Double piston grippers plus two aligning devices for the panels



HERMES 70 CNC

USEFUL CUTS	A	B	C	D	E
2900 x 2900	4935	3395	3325	6170/5470	2000/1300
3800 x 3800	5835	4295	4225	7070/6370	2000/1300
4300 x 4300	6335	4795	4725	7570/6870	2000/1300



HERMES 70T CNC

USEFUL CUTS	A	B	C	D	E
2900 x 2900	4935	5000	4120	7775/7075	2000/1300
3800 x 3800	5835	5900	5020	8675/7975	2000/1300
4300 x 4300	6335	6400	5520	9175/8475	2000/1300

research | technology | precision | quality | service



The technical data can vary according to the requested machine composition. In this catalogue, machines are shown with options. The company reserves the right to modify technical specifications without prior notice; the modifications do not influence the safety foreseen by the CE Norms



NIMAC
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