



# HERMES

70 CNC

New concept in beam saws

Compact size, easy handling, adjusted to the new demands of the small to medium sized companies

### New concept in beam saws.

Compact size - easy handling  
Adjusted to the new demands of the small to medium sized companies.  
The brand new HERMES 70 CNC is designed and manufactured by NIMAC GROUP, the factory specialized in beam saws since 1977. The sturdy construction, the high manufacturing quality and the perfect cutting, compose the new HERMES 70 CNC. Equipped with powerful cutting optimizer software and all the necessary features of a high productivity machine, HERMES 70 CNC is the most competitive beam saw in the market.



### Optional Feature

**Label Printer**  
Bar code software and usb label printer.



**Pusher**  
The pusher travels through precision pinions and racks. The precise positioning of the pusher is achieved by magnetic band (no contact system).



**Quick blade system**  
Blades replacement and adjustment by using only one key.



### PC based numerical control

Windows XP operating system with 21" LCD monitor and cutting optimizer software.  
The software (ilenia) 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.

**New Saw Carriage**  
The rigid construction and the high quality prismatic guides for rising and falling blades provide stability and precision in cutting line. The saw carriage moves up on round linear motion shafts. Movement provided by industrial toothed belt.



### Side aligner

The automatic side aligner ensures perfectly squared panels. A robust torsion bar and a precision rack guaranty 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.



# Data sheet

▪ Cutting length	2900 mm
▪ Pusher's stroke Opt.	2900 mm
▪ Main saw motor	7,5 Hp
▪ Scoring saw motor	1 Hp
▪ Blade projection	70 mm
▪ Cutting speed (Saw unit controlled by inverter)	1-70 m/min
▪ Pusher's speed (Pusher controlled by inverter)	0,5-25 m/min
▪ Magnetic tape for measurement (non-contact system)	Accuracy 0.1 mm
▪ 3 tables covered with phenolic material	1300 x 500 mm
▪ Automatic Side aligner	40mm - 1200 mm
▪ Main saw diameter	300 mm
▪ Scoring saw diameter	160 mm
▪ Automatic pusher with 5 Grippers.	
▪ Scoring unit axial and vertical micrometric adjustment.	
▪ Slotted pressure beam. The panels are always gripped up to the last cut.	
▪ Vertical pneumatic movement with precision rack and pinion system.	
▪ Pusher travels through precision pinions and racks over two sturdy "H" beams.	
▪ Double dust collection system: top dust collection system on the pressure beam to keep worktable clean and lower dust collection system on the saw carriage.	
▪ 10 mm Formaica for the tables.	
▪ Overhead control panel on the left side.	
▪ Machine weight	2500 Kg
▪ External dimensions	4813 x 5272 mm

