

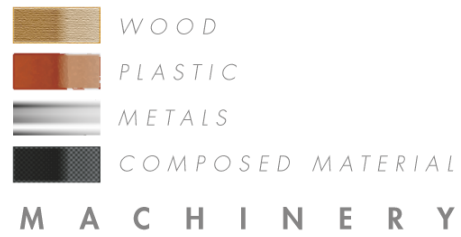
CNCHOPPER

A STEP AHEAD.



WOOD-PLASTIC-METALS
COMPOSED MATERIAL
MACHINERY





***MZ PROJECT** was established in 1987 as a manufacturer of automatic copying band saws for the furniture manufacturing and woodworking industries. Design, research and development and new technology have enabled MZ PROJECT to design and develop a new evolution of CNC band saw that is simple to program and operate. The **accuracy and quality of the cutting** and the **speed of the cutting cycle** together with user friendly controls to switch from one program to another make this a popular machine with all types of manufacturing industries throughout the world.*



The CNC HOPPER band sawing centre is available in three working sizes with a maximum cutting length of **1300, 2000 and 2500 mm**.

The machine can process **large panels of various dimensions and small panels** with the facility to load the small panels on **two working stations**, therefore increasing production and output from the machine.

Machines of a larger working capacity can be manufactured upon request.

CNC HOPPER 013

CNC HOPPER 020

CNC HOPPER 025

CUTTING SECTION

1300 x 1200 x 100 h mm

2000 x 1200 x 100 h mm

2550 x 1250 x 100 h mm

ANGLE OF CUT

+/- 90°

MINIMUM RADIUS OF CUT

45 mm

ALUMINIUM FLYWHEEL

ø 900 mm

BLADE DIMENSIONS

5900 x 13 (16-19) mm

SELF-BRAKING MOTOR

HP 15

MACHINE DIMENSIONS

4000 x 3200 x 2500 h mm

5400 x 3200 x 2500 h mm

6000 x 3600 x 2500 h mm

MACHINE WEIGHT

2800 Kg

3400 Kg

3800 Kg

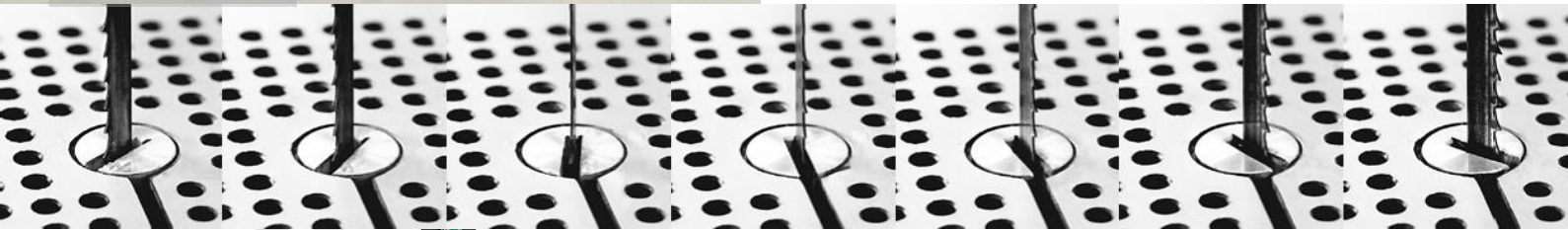
STANDARD EQUIPMENT

- The **blade rotation of $\pm 90^\circ$** to the saw cut is one of the main features of our machines and what distinguishes our CNC Band Saw machines from other manufacturers!



FANUC numerical control and servo motors control all axes on the machine with high speed, precision and accuracy.

WARRANTY 18 MONTHS



- Vertical pressure roller to secure the material during the cutting operation.

- Strong pneumatic clamps to hold the material.

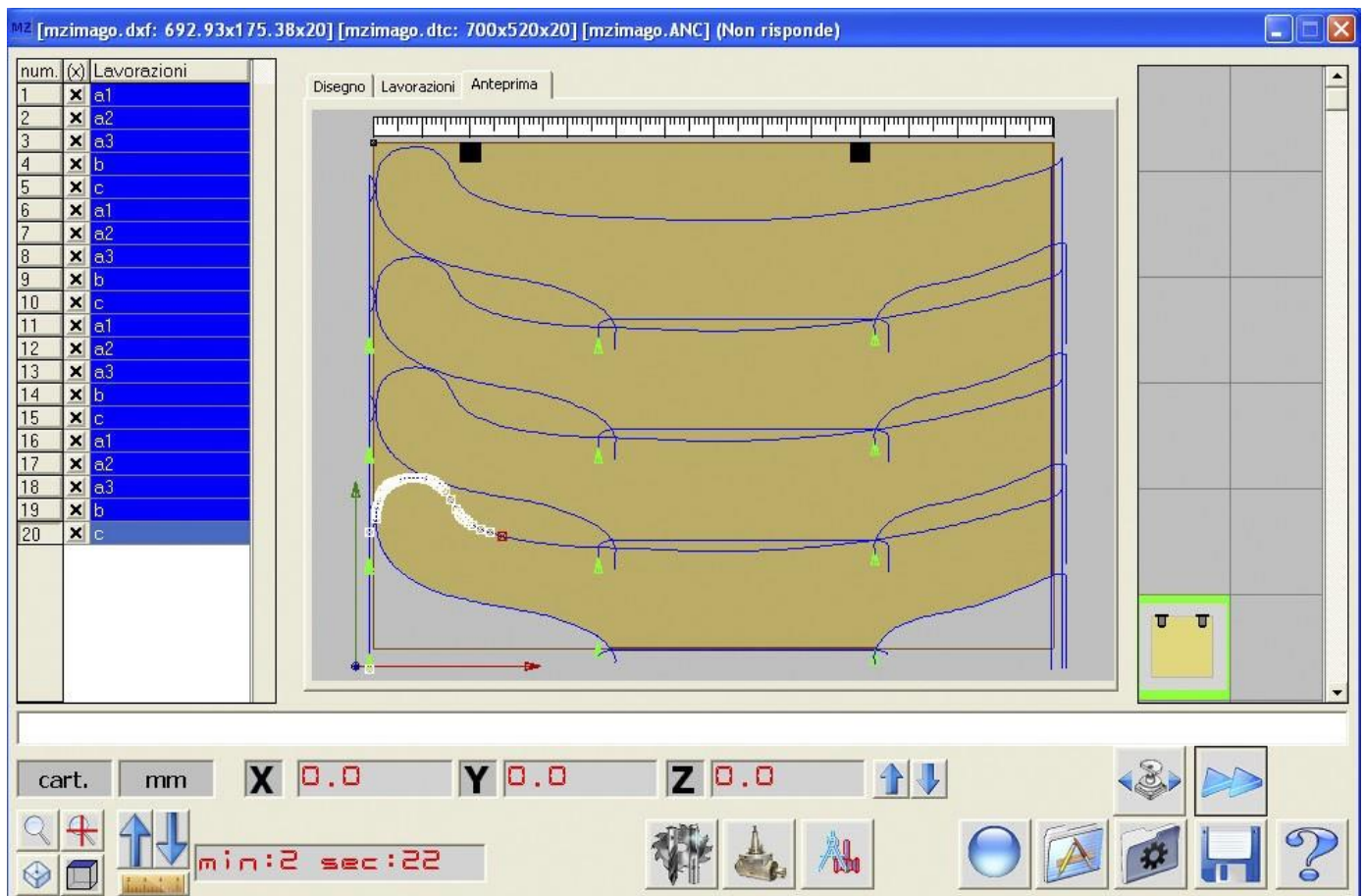
IMAGO SOFTWARE

Programming is simple, all you have to do is provide a “DXF” drawing of the work piece to be produced, Imago software will take care of the rest. From the DXF drawing details, Imago will process the essential work piece details to make the program for the NC control.

Imago Software will take care of all the shapes and the dimensions for the new work piece program with the software technology to ensure the production of an **error free program**. Imago optimizes time and material through dedicated algorithms of speed calculation and nesting. The new program under the control of the software simulation machining environment will visually show the **overall dimensions of the machine table the cutting program and the removal of the waste**.

How much material do we have available? How many pieces do we need to produce?

These are the only two questions you need to ask yourself.



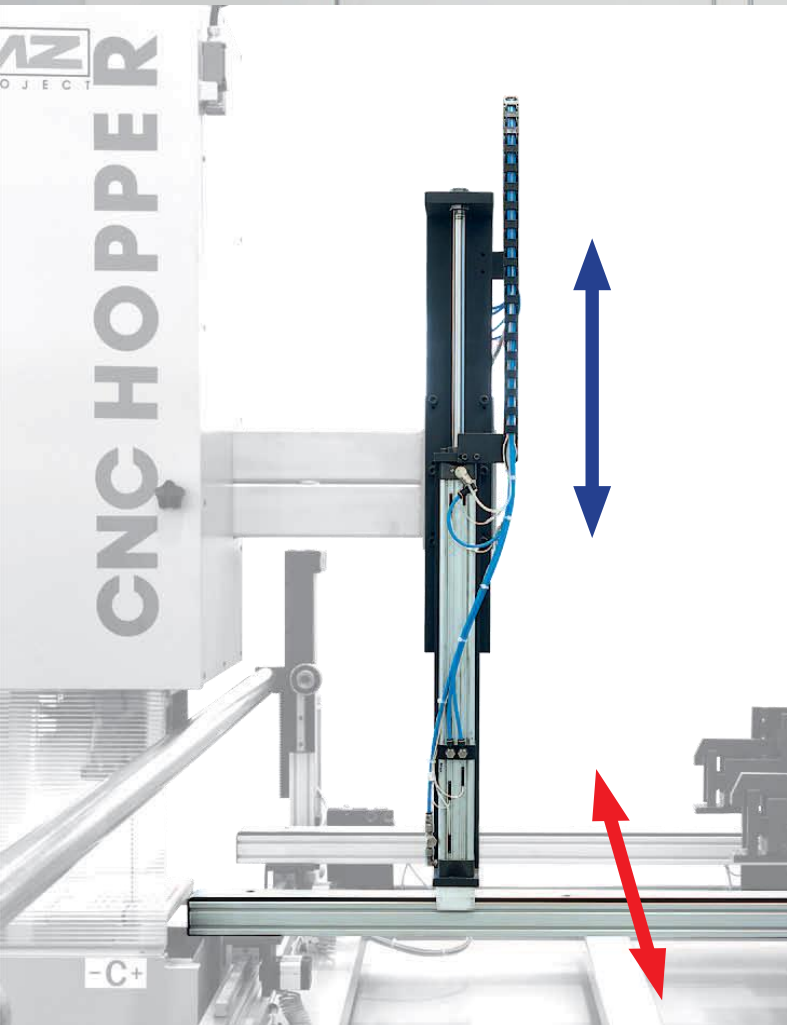
- > WORKING CYCLE SIMULATION
- > DINAMIC SAWING OF REJECTS
- > SPEED CALCULATION
- > NESTING CALCULATION

MACHINE OPTIONS *UPON REQUEST*

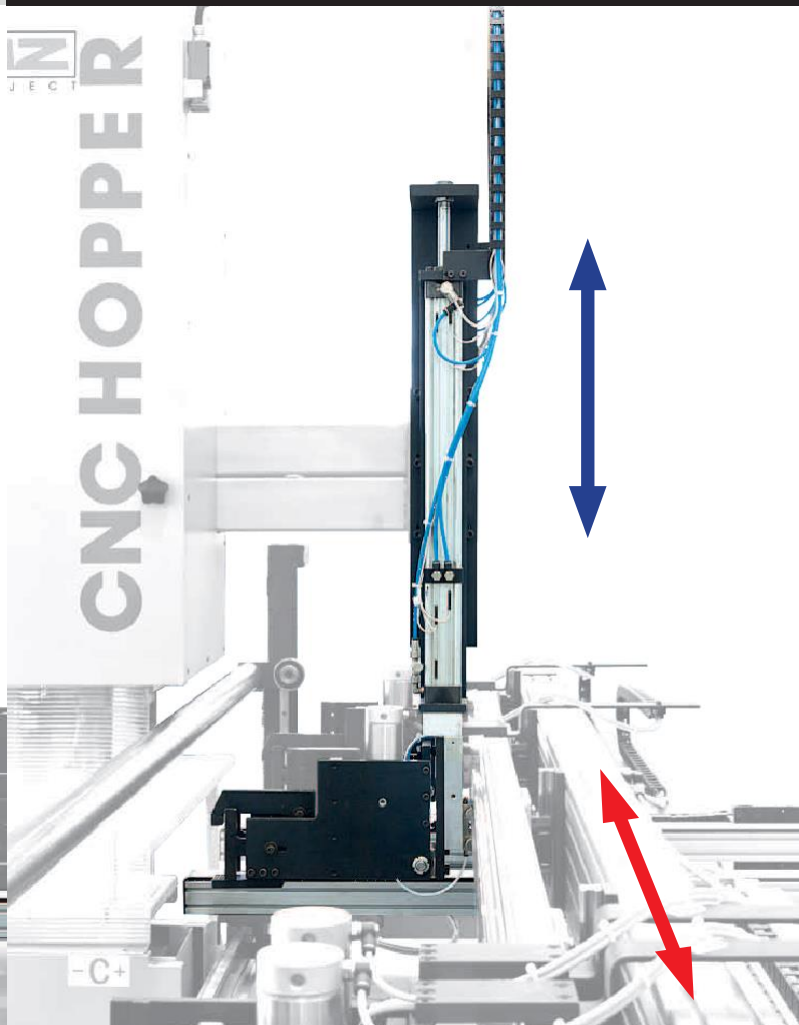
*Design your machine to suit your production requirements by choosing from the various **options** available:*



› Tables and clamps for **more working station**.



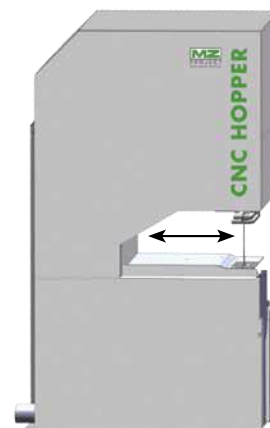
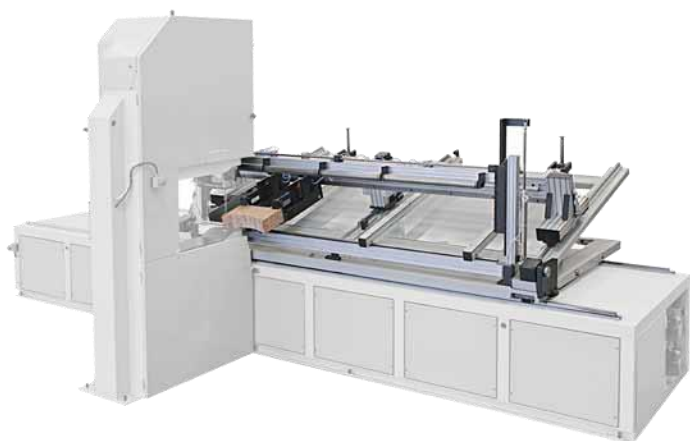
› Device for **automatic positioning of tables**.



› Device for **automatic positioning of clamps**.

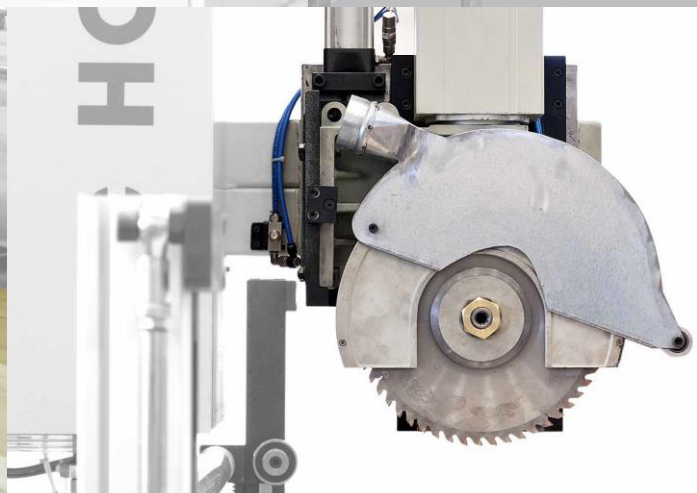
➤ *"Y" axis tilting up to 20°.*

➤ *Distance between blade and column up to 1050 mm.*



CNCHOPPER
1050 mm

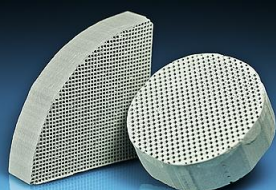
➤ *Conveyor belt to collect sawn parts.*



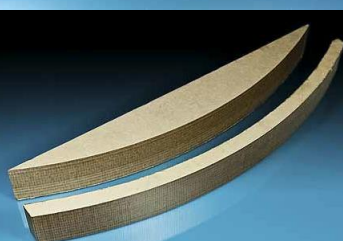
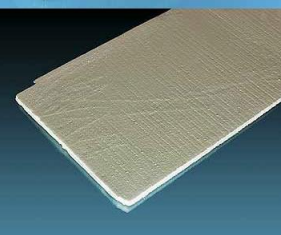
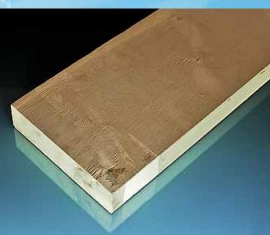
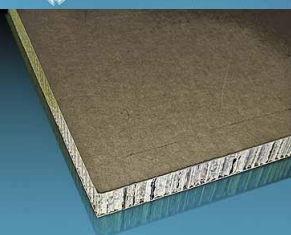
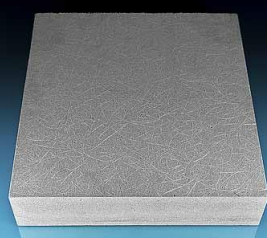
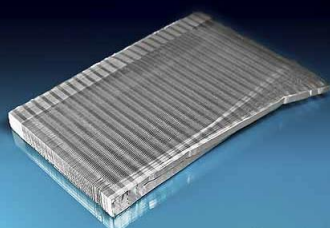
➤ *5 Spindle drilling unit with independent control for all 5 spindles run by the NC program.*

➤ *Circular saw for cuts in "Y" axis.*

The **CNC HOPPER** band sawing centre has been designed for cutting **chipboard, plywood, OSB, multilayered panels, MDF, fiberboard and other types of composite materials.**



The machine is able to work on any type of material such as **foam, gypsum, aluminum, cork, rock wool etc**; assuming that the material is of a regular rectangle/ square shape without any defects.

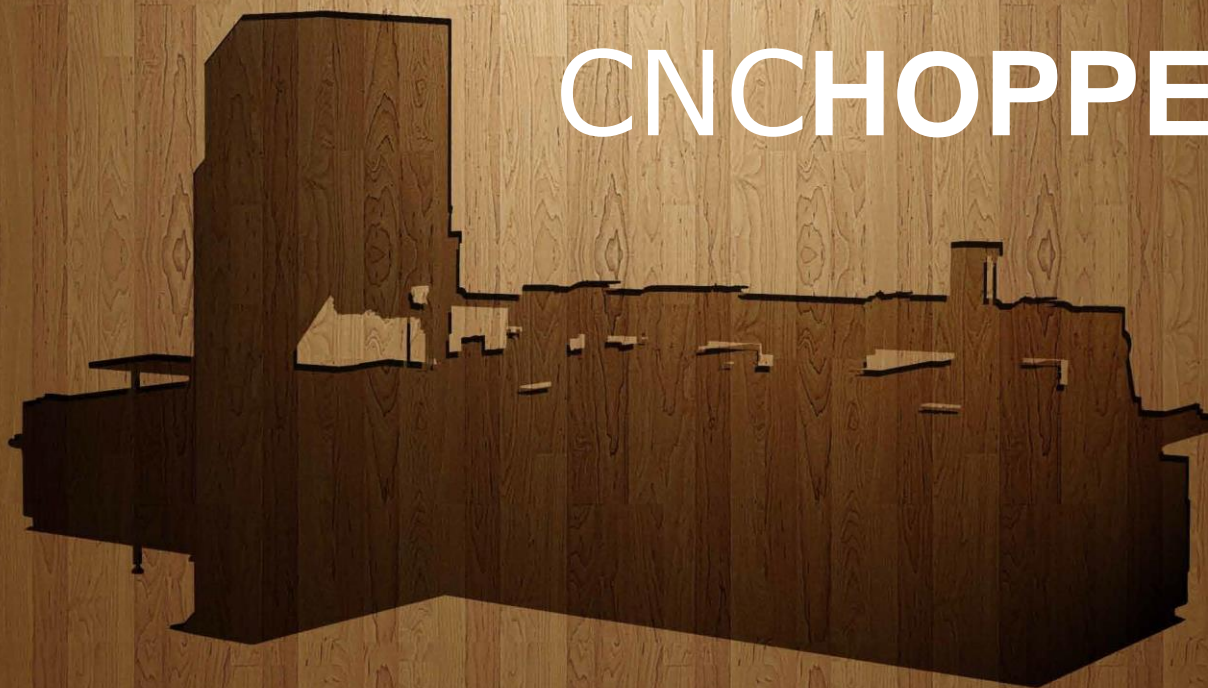


“YOUR DESIGN OUR MACHINE”

*MZ PROJECT are in a position to design and manufacture customized machines to client's specification.
If a special machine is required, please provide drawings of your products and list your machine requirements; we will be only too happy to supply you with our proposals.*



CNCHOPPER



“BUILT AROUND YOUR NEEDS”

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