

About

With the use of monobloc structure into multi-purpose concept, we assemble the Hercules Series in its Gamma 300 & 500, starting with the common gyrotary head with independent motorization, implemented the twin cutting heads, with proper bench's or accessories assembled direct on the frame, the advantages are multiple with an vision, stay over monoblock.

It allows the use of a compact structure, where technology is applied for quick movement, and the use of the most advanced software to maximize cutting processes, with precise and solid cutting capacity. Carrying the constant development of the Hercules Series to this integral structure concept.

With capacity to operate the standard material of the market, presents as quick installation solution and potential to be quickly repositioned in order to increase the power of factory layout.

This equipment has several capacities in this concept, from linear cutting to circular cutting.

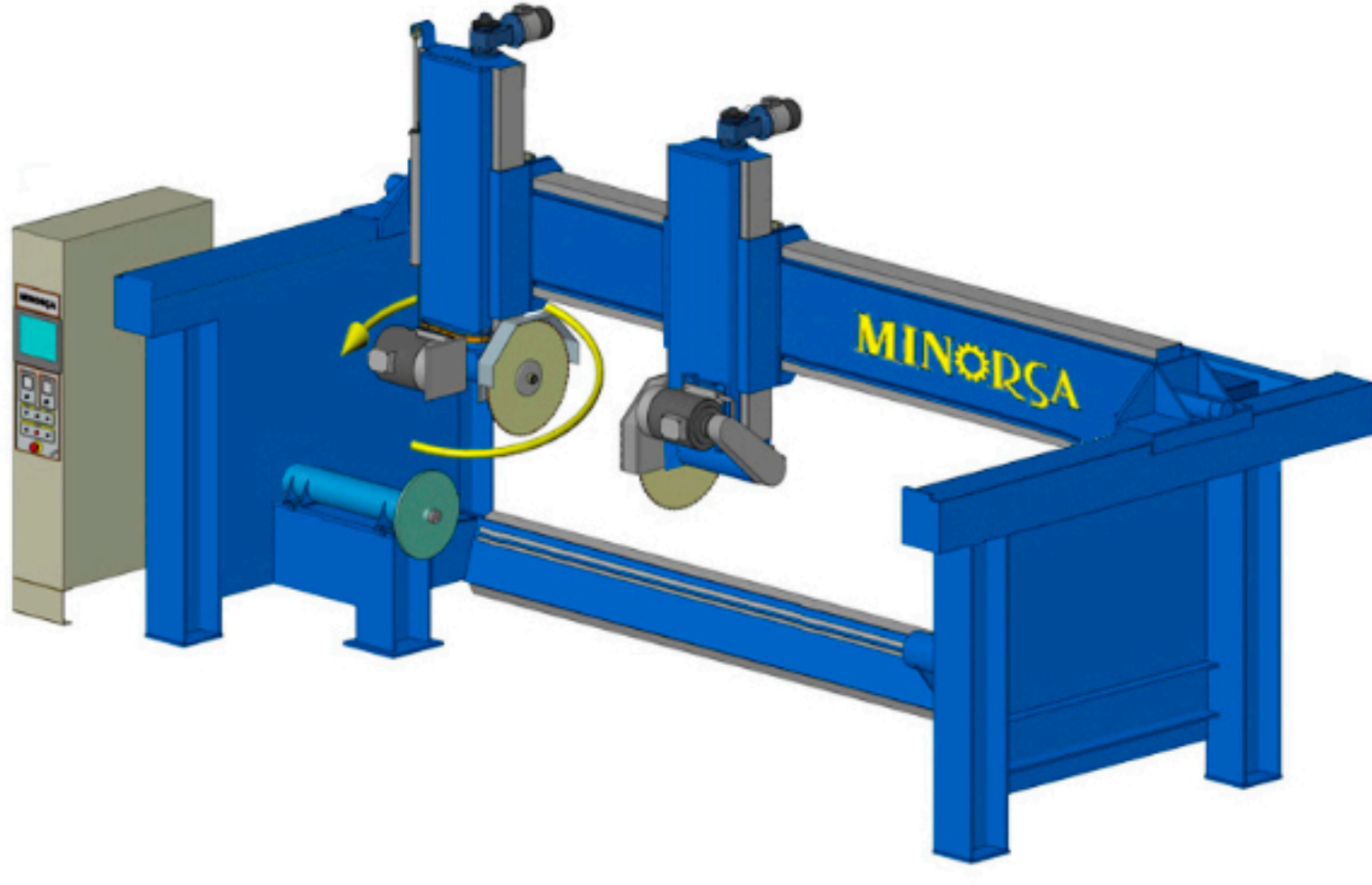
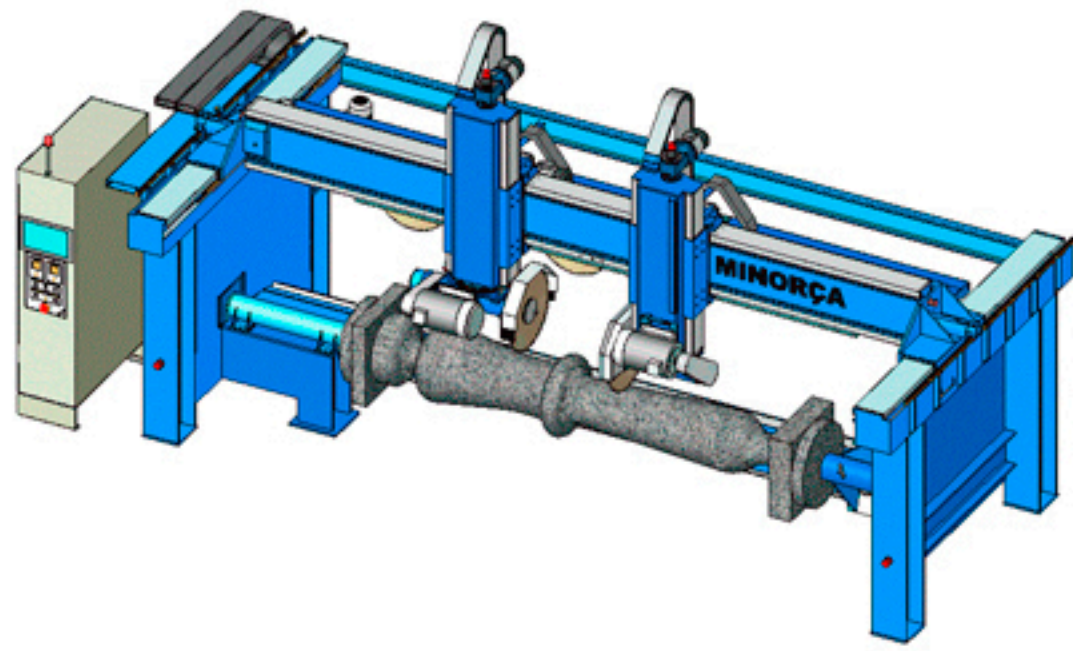
Technical Features

MULTI-PURPOSE TWIN RAM OVER MONOBLOC CONCEPT

- ✓ Diameter of the disc permissible – 23.1/2 in / 60 cm to 28.1/2 in / 72.5 cm
- ✓ Diameter only with Vertical Ability (& above) – 35.1/2 inch (in) / 90 centimeters (cm)

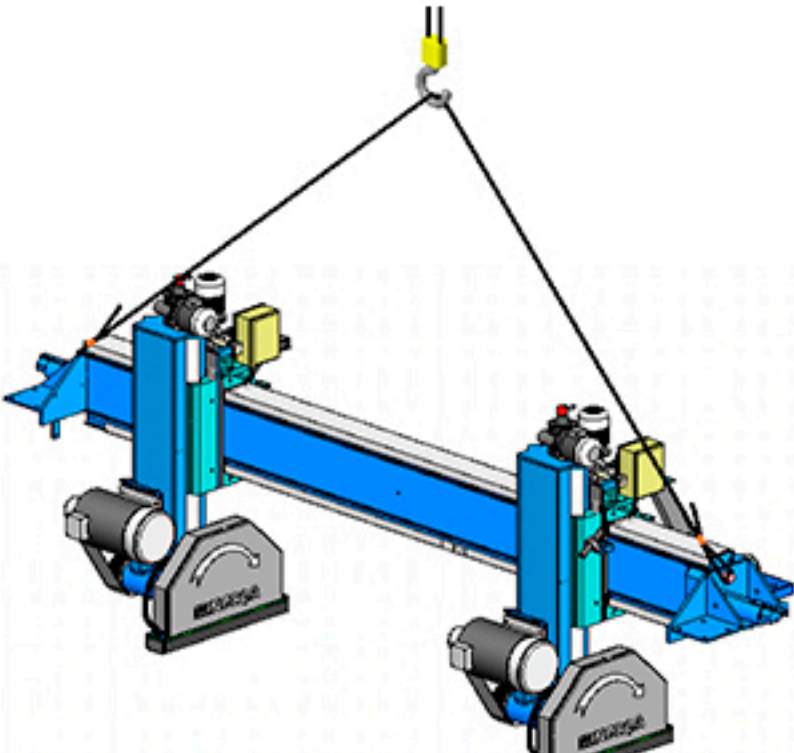
Multi-work dates:

- ✓ Maximum cutting height – 9.5/16 in / 23.7 cm or 20 in / 12.1/8 in / 41 cm (Falange 10in / 255mm)
- ✓ Regular Vertical Effective Travel – Z- 18.1/2 in / 47 cm (Maximum 27.1/2 in / 70 cm)
- ✓ Regular Cutting Capacity on bridge Horizontal Axis - 157.1/2 in / 4 mt (with one or 2 travel RAMs)
- ✓ Power Admitted on Cutting Motor 15 Kw (20 Hp) / 30 Amp.; 22 Kw (30 Hp)
- ✓ Approximate Weight – Starting on 8,800 lbs / 7,000 kilos (kg)
- ✓ Height Required with rotative head saw – 153.1/2 in / 3.9 meters
- ✓ Inside distance between lateral rails – from 208.1/2 inch / 5.3 meters to 236 inch / 6 meters (using gamma 500) 230 inch / 5.84 mt (special size into 20 feet container)
- ✓ Maximum cutting speed shift – 1575 in/minute / 40 mt by minute
- ✓ Admitted peripheral speed of the cutting – 28 or 35 mt/sec (can set up with inverter)
- ✓ Headwaters admitted – regular 118 in / 3 mt., other measure available changing the monobloc concept.
- ✓ Regular monoframes – SAW with head rotation, LATHE with head rotation or round shape, TWIN RAM on bridge, SINGLE cut saw



Multi-Purpose Saw Over Specific Bench

DOWNLOAD PDF



Two sizes on monoframe ability until 9.5/16 in / 23.7 cm or 12.1/8 in / 41 cm cutting capacity.

Gama 300	MINORSA	Gama 500	Gama 800
208, 1/2 inch 5,3 meter		295, 1/2 inch 7,5 meter	334, 1/2 inch 8,5 meter

Decide maximum cutting capacity  
(all adopted features are common across all ranges)

Gamma 300 & 500

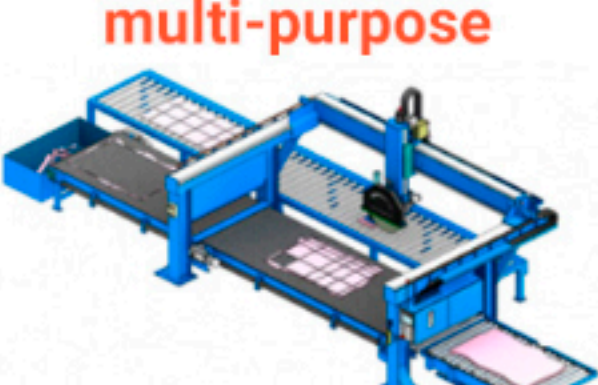
2 sizes on bridge length ( 208.1/2 inch / 5.3 meters & 236 inch / 6 meters )

Direct Flange  
8.1/4 in / 22 cm disc 28.1/2 in / 72.5 cm  
12.1/8 in / 41 cm on 6,000rpm motor with 41 in / 1.1 mt

Pulleys Flange  
9 in / 23 cm disc 23.1/2 in / 60 cm  
9.5/16 in / 23.7 cm disc 28.1/2 in / 72.5 cm  
12.1/2 in / 32 cm disc 35.3/8 in / 90 cm

Falange on angular box  
6.1/4 in / 16 cm disc 23.1/2 in / 60 cm

Belt conveyor multi-purpose



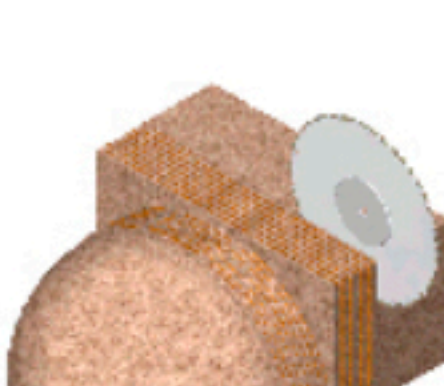
HERCULES SERIES  
GAMA 300 & 500  
MODEL defined by  
max. cut - 14.1/2 in / 37 cm;  
Bridge lenght 236 in / 6 mt.

Twin Heads With lateral inclination



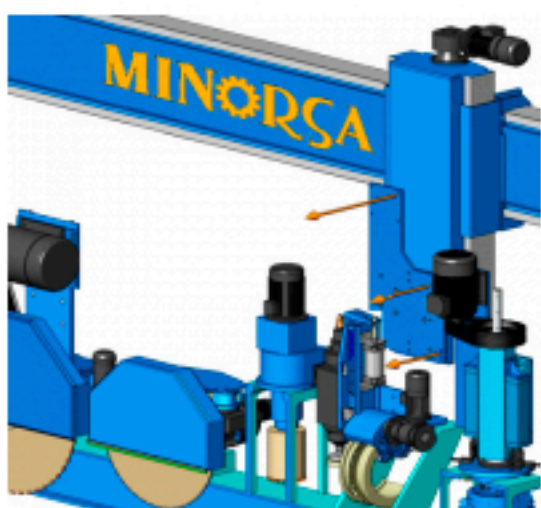
HERCULES SERIES  
GAMA 300 & 500 & 800  
MODEL defined by  
max. cut - 24 in / 63 cm;  
Bridge lenght 315 in / 8mt

Working Types



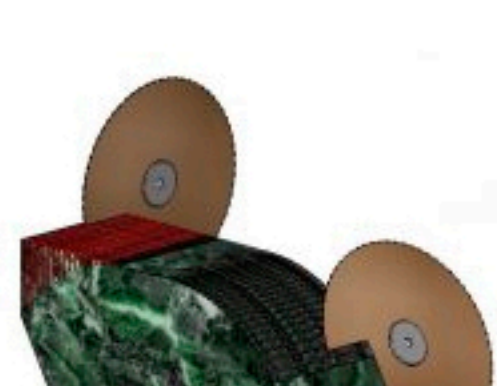
Multiple Axes Movement At Same Time

Can make profiles using several axes, depending of the control system it's possible execute programs generated on cad cam system outside or in proper cad on control machine, the cutting parameters can be changed on machine, the final work quality it's defined by quantity of cross cut spacement



Head Change Ability

Can set several heads on the same RAM allow multiple work on same equipment



Cutting Execution by Lateral Development

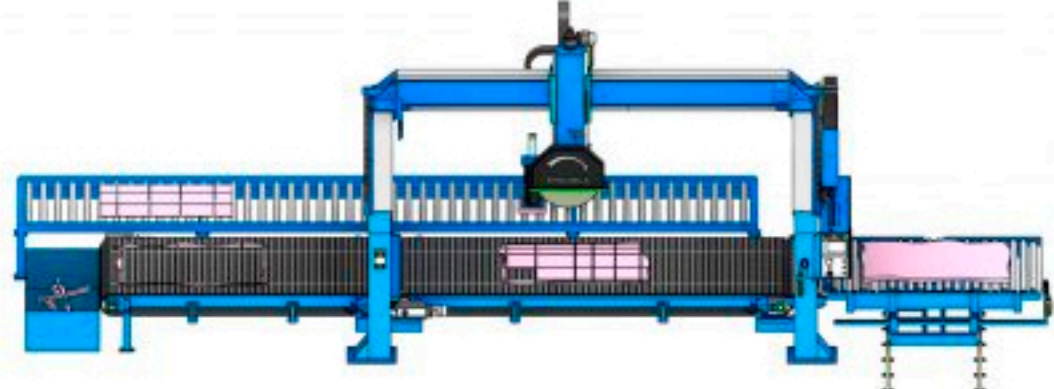
This process can be executed in vertical as well in tilt position, to be a fast cutting can order only one axis cutting movement, much used on primary cleaning or in continued parts

Read More

Multi-Purpose Over Specific Bench on Frame

Working Bench's
Cutting Heads
Particular Cad Draw Programing
Inclination Systems
Increase Potential
Lateral Pillars Solutions
Detailed Pillars Manufacture
Displacement Cutting Cars
Several Length on Bridge
Easy Assembly and Durability
Common Parts
Overall FootPrint
On Request Part's
Hi-Tech Saw on Belt Conveyor
Tilt Table for Easy Load
Single RAM over Monobloc

Best Optimize on Working Table



For each type of work, we have a more suitable bench solution

Exchangeable table with metallic frame



This mechanism allows to load several slabs at the same time in the forklift. Its metal frame allows for safe transport, and also with side supports to allow movement by a crane. With this system can increase machine work, have various types of stone or work in process, the top is lined with pine wood, and the regular dimensions are 149.1/2in / 3.8m by 78.1/2in / 2m.

Rollers table for rear unload or cutting on the dead times



Gallery



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