

## STONE SAWS

# Monoblock bridge saw GOLD

High precision 4-axis or 5-axis monoblock bridge saw

Monoblock bridge saw with **automatic head rotation** to perform **straight cuts in all directions**. Manual or automatic head tilt from 90° to 0° for **tilted and horizontal cutting** with special connection for mounting **core drills**. High precision head motion on **linear guides with recirculating ball slides**.

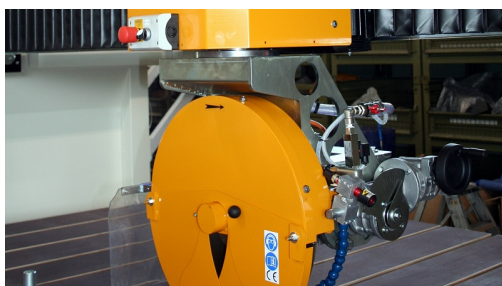


## Features



### STURDY STRUCTURE

Steel frame, sandblasted and ceramic coated (hot-dip galvanized upon request).



### HEAD ROTATION

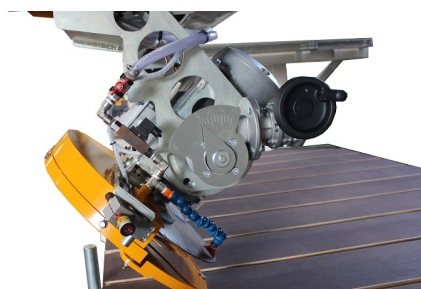
Automatic rotation of the head controlled by cnc. Permits the execution of cuts along different interpolated lines and the execution of cutting programs without any manual operation.



### HEAD MOTION

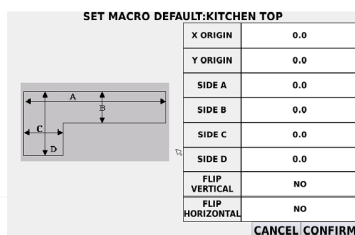
High precision head motion, on linear guides (X and Z axes) with recirculating ball slides by means of motors equipped with digital inverters.

Y axis runs on steel guides with bearings. X and Y axes run on angled rack and pinion.



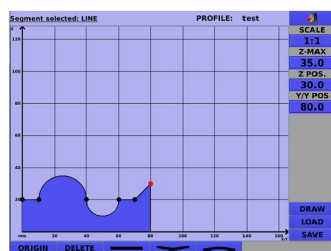
### HEAD TILT

Manual or automatic head tilt from 90 to 0 degrees for inclined and horizontal cuts, degrees displayed by scale and arrow (manual version) or on the touch screen panel (automatic version).



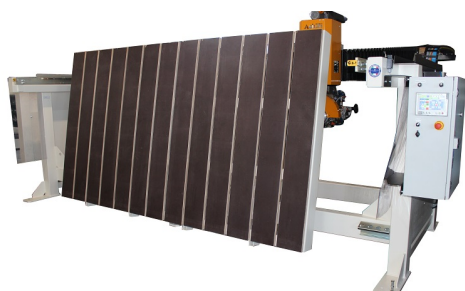
### MACRO

Pre-loaded parametric figures such as hexagon, octagon, kitchen top, trapezium, polygon, etc.



## SURFACE PROFILING

The "PROFILING" environment of the CNC control unit, through the drawing menu, permits to create artistic frames and decorations for funerary art, square columns or capital.



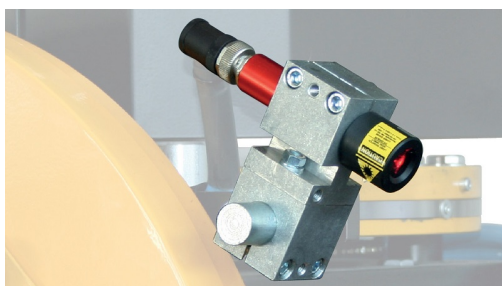
## WORKTABLE

Available with fixed or tilting worktable. The worktable can be covered with replaceable marine plywood boards, or ready to pour concrete.



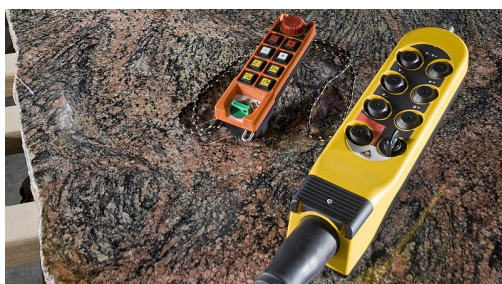
## CNC CONTROL

CNC axis control unit with touch-screen colour display for cuts programming. It allows the automatic execution of cutting programs without manual intervention.



## LASER ALIGNMENT DEVICE

To achieve an effective cutting optimization, a laser diode mounted on the head shows the blade's cutting line.



## REMOTE PENDANT CONTROL

Machine is available with a remote control unit which, connected to the electrical panel by cable, enables quick head movement when the operator is working far from the control position.

## Advantages

GOLD is the new generation **4 or 5 axis bridge saw** for cutting stone slabs:

- **Customizable** according to customer requirements;
- **Monoblock** structure for **easy installation** (does not require foundation);
- **Automatic head rotation**;
- **Precision Stone Cutting**: extremely accurate and consistent stone sawing.
- **Simple to Operate**: GOLD is capable of fully automatic operation or can be operated in a semi-automatic mode to give the operator full control of sawing operations;
- Manual or **CNC controlled head tilt** from 90 to 0 degrees;
- **1/2" gas connection** for mounting core drills and perform an automatic drilling cycle to easily cut corners and remove the tension from the sintered material plates;
- **Pre-loaded parametric figures** such as hexagon, octagon, kitchen top, trapezium, polygon, etc.
- **Profiling environment of the CNC** to create artistic frames and decorations.

## Technical details

X axis travel	3500/3900 mm (11'5"/12'8")
Y axis travel	2350 mm (7'8")
Z axis travel	330 mm (13")
Worktable dimensions	3500x2200 mm (11'5" x 7'2")
Diamond blade diameter	525 mm (20")
Blade bore size	50 mm
Head tilt	90° - 0°
Head rotation	0° - 360°
Main motor power	11kW = 15HP
Main motor variable speed	800 - 3000 rpm

## Monoblock bridge saw GOLD

High precision 4-axis or 5-axis monoblock bridge saw

Standard voltage/frequency

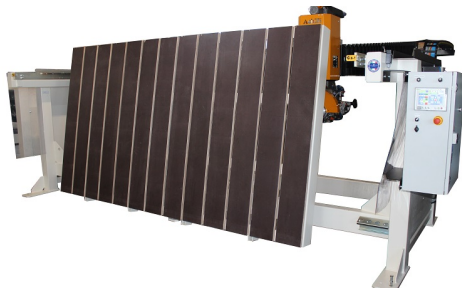
3ph. 400V-50/60Hz 230V-60Hz

## Accessories



### GALVANIZED FRAME

Sturdy, monoblock design with hot dipped galvanized frame which will provide many, many years of reliable performance. The hot-dip galvanized frame maximizes the machine durability.



### TILTING WORKTABLE

Motorized and CNC-controlled hydraulic worktable tilt, for easy slab loading. The worktable can be covered with replaceable marine plywood boards, or ready to pour concrete.



### POP-UP ROLLERS

Hydraulic motorized pop-up rollers for easy slab loading and positioning.



### DRILLING: ENVIRONMENT OF THE CNC CONTROL UNIT

Software to perform an automatic drilling cycle. The head of the saw will be set with 1/2" GAS connection and refrigerant fluid passage for the tool and compressed air to facilitate ejection of the material (not retrofittable).



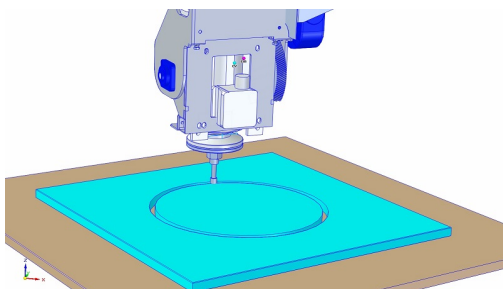
## Monoblock bridge saw GOLD

High precision 4-axis or 5-axis monoblock bridge saw



### WATER TANK

Water tank with built in recycling pump for model with fixed worktable.



### INCREMENTAL MILLING SOFTWARE EXPANSION

It allows the creation of curves and square, round and elliptical shapes with an incremental cutter.



### RUBBER COVERING OF THE WORKTABLE

The replaceable rubber sheets on the bed of the saw provides grip to the material while cutting, avoiding it to move and also reduce vibration. It also acts as a protecting layer for the bed of the saw to avoid it being cut by the blade.

## They chose our product



### INCOMIL - INDÚSTRIA E COMÉRCIO DE MINÉRIOS E MÁQUINAS

*"...For more than 20 Years we work together in Brazil. Achilli gives us and for our costumers, the best support and the best technology!"*

## Monoblock bridge saw GOLD

High precision 4-axis or 5-axis monoblock bridge saw

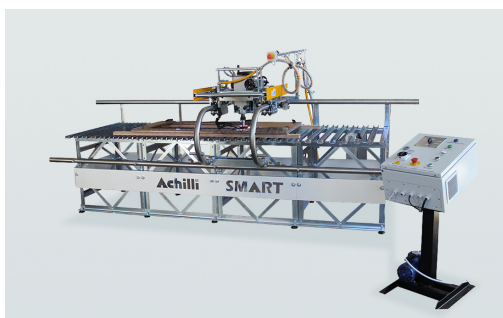
## Related products



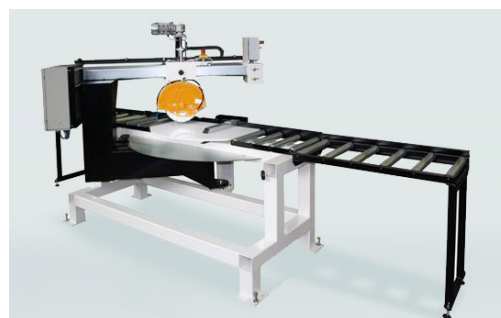
SINK machine for sink cut-outs



Automatic bench saw TFR A



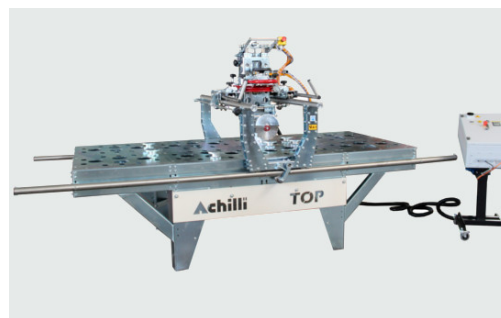
SMART multipurpose machine



Revolving saw ARS



Manual stone cutting machine AFR-C



TOP manual working center

## Achilli tailor made

**TAILORED ACHILLI MACHINES  
CONTACT US FOR DETAILS**

**REQUEST CUSTOMIZATION**

## Always at your disposal. Contact us.

Do you need information about Achilli products? Contact us for technical or commercial information on floor grinders, bench saws and bridge saws.

 +39 0541 387066

 +39 0541 389058

 [info@achilli.com](mailto:info@achilli.com)

**REQUEST INFORMATION**

## I nostri canali social

Elit ea duis sunt do esse cillum dolore ipsum ut est eu quis ipsum. Consectetur enim deserunt elit in exercitation ipsum sunt veniam eu commodo cupidatat. Id nostrud esse eu eiusmod sunt ipsum ipsum in adipisicing adipisicing deserunt

 Facebook

 LinkedIn

 Youtube