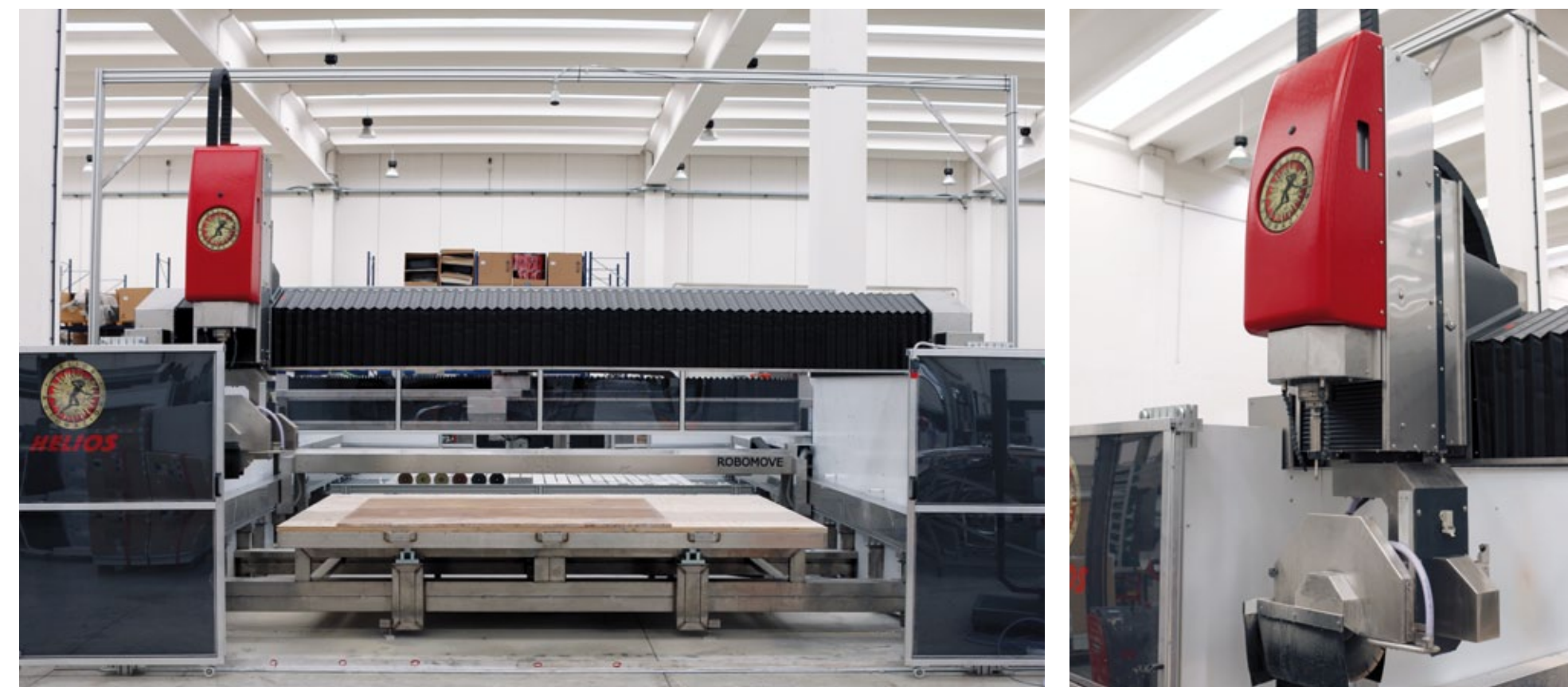


# ALL IN ONE MACHINE: from the slab to the finished countertop.

The **Integrated System 4.0** is a fully automated equipment that changes the traditional concept of the stone workshop, thanks to the complete digitalization of the productive cycle.

It is composed of three stainless steel machines that simultaneously interchange data each other in total safety and without any manual intervention from the fabricator.

- All in one system:
- **6-Axis bridge saw**
  - **Patented system for the slabs handling: Robo-Move**
  - **Machining center with two working heads (3+5 axes).**

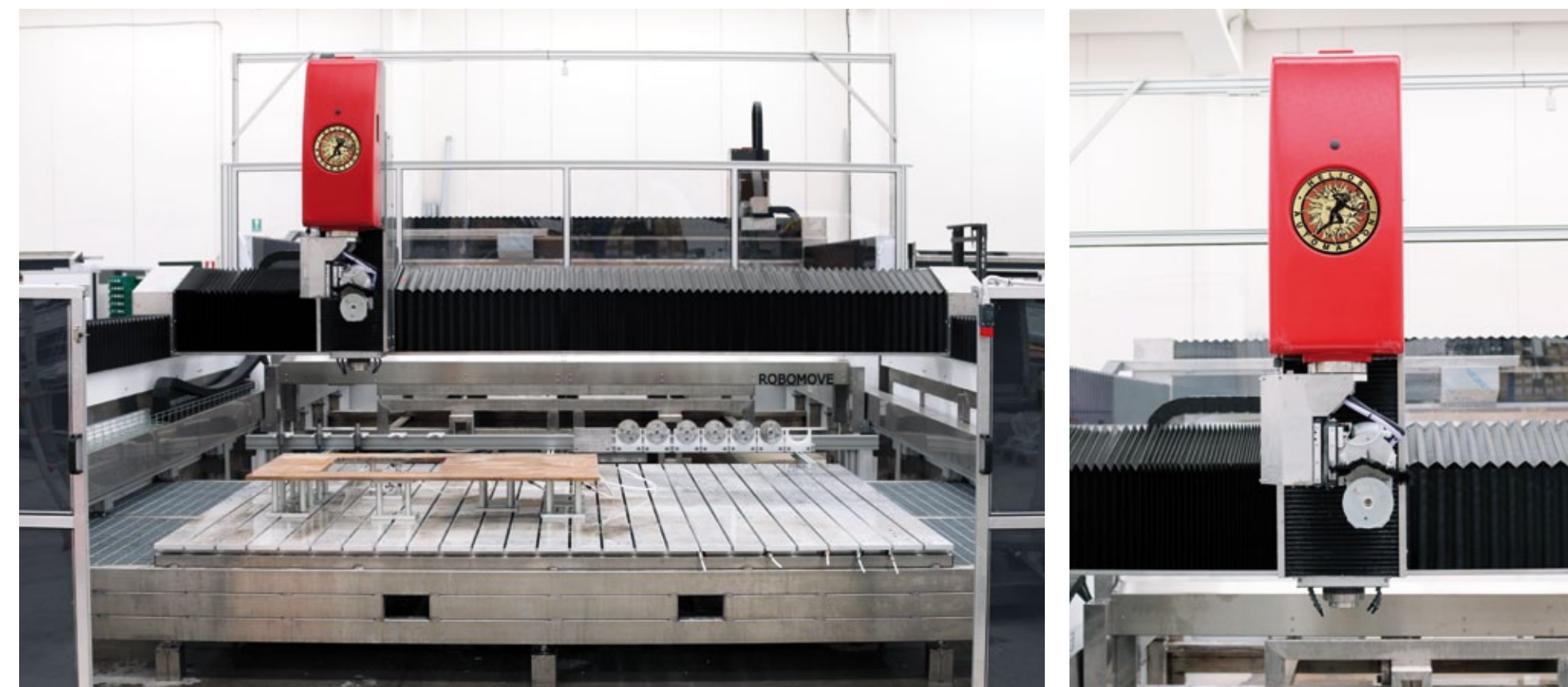
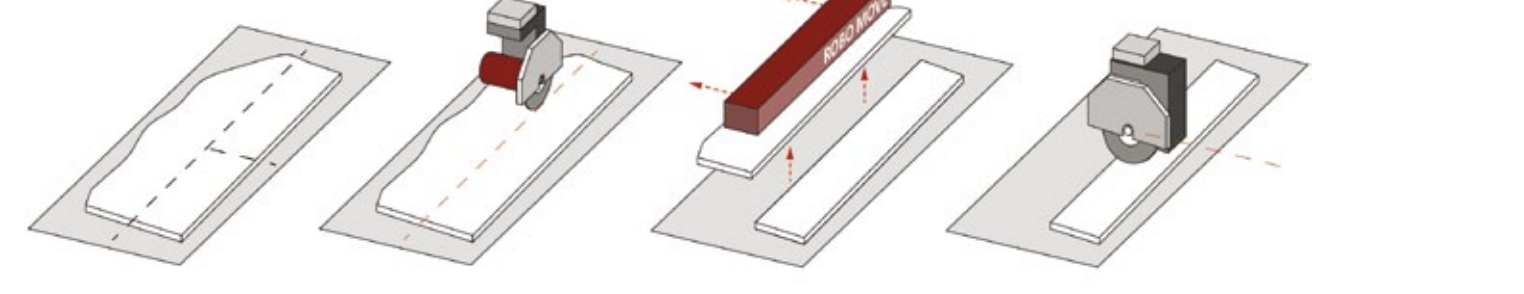


### 6-AXIS BRIDGE SAW

The bridge saw is a fast and performing 5 interpolated axes cutting machine. It has been conceived for high precision cutting processes on ceramics, quartzites, as well as on marbles and granites. The second retractable head (the 6th axis) uses a tool or a core drill for holes and for the finishing of the closed cuts. The main feature of the bridge saw is the mechanical precision, guaranteed by recirculating ball screws and zero backlash gears (Harmonic drive).

### PATENTED ROBO-MOVE SYSTEM

The patented Robo-Move system is a cnc handling girder that works independently inside the working area of the whole Integrated System 4.0. It moves the pieces of the cut slabs to avoid the intersection, interacts with the cutting head and moves the countertop to the table of the machining center for the final process of polishing and job conclusion.

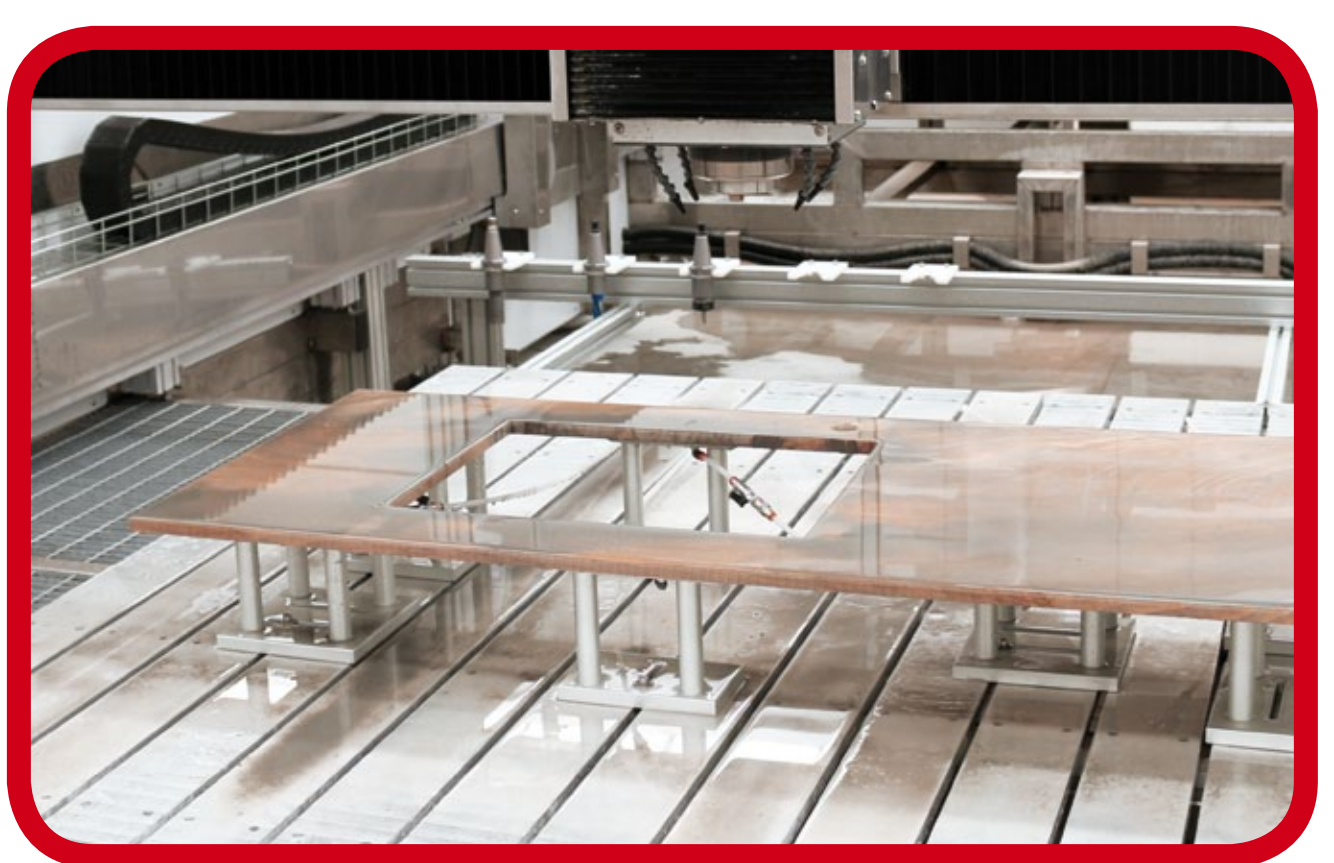


### 8-AXIS MACHINING CENTER

The machining center is equipped with two heads: a 3-axis head with automatic tool change ISO 40 for drilling, lowering, milling, and drain-boards, the 5-axis head with automatic tool change H7 can check the pressure and it is ideal for all the processes of the edge polishing.

### 3-AXIS ISO 40 HEAD

The 3-axis head runs all the operations of the traditional machining center: cutting with the tool, drilling, lowering, engraving, profiling, etc...



### ISO 40 AND H7 TOOL MAGAZINE

A big tool magazine up to 60 positions, ISO 40 and H7 for the best availability of the tools.



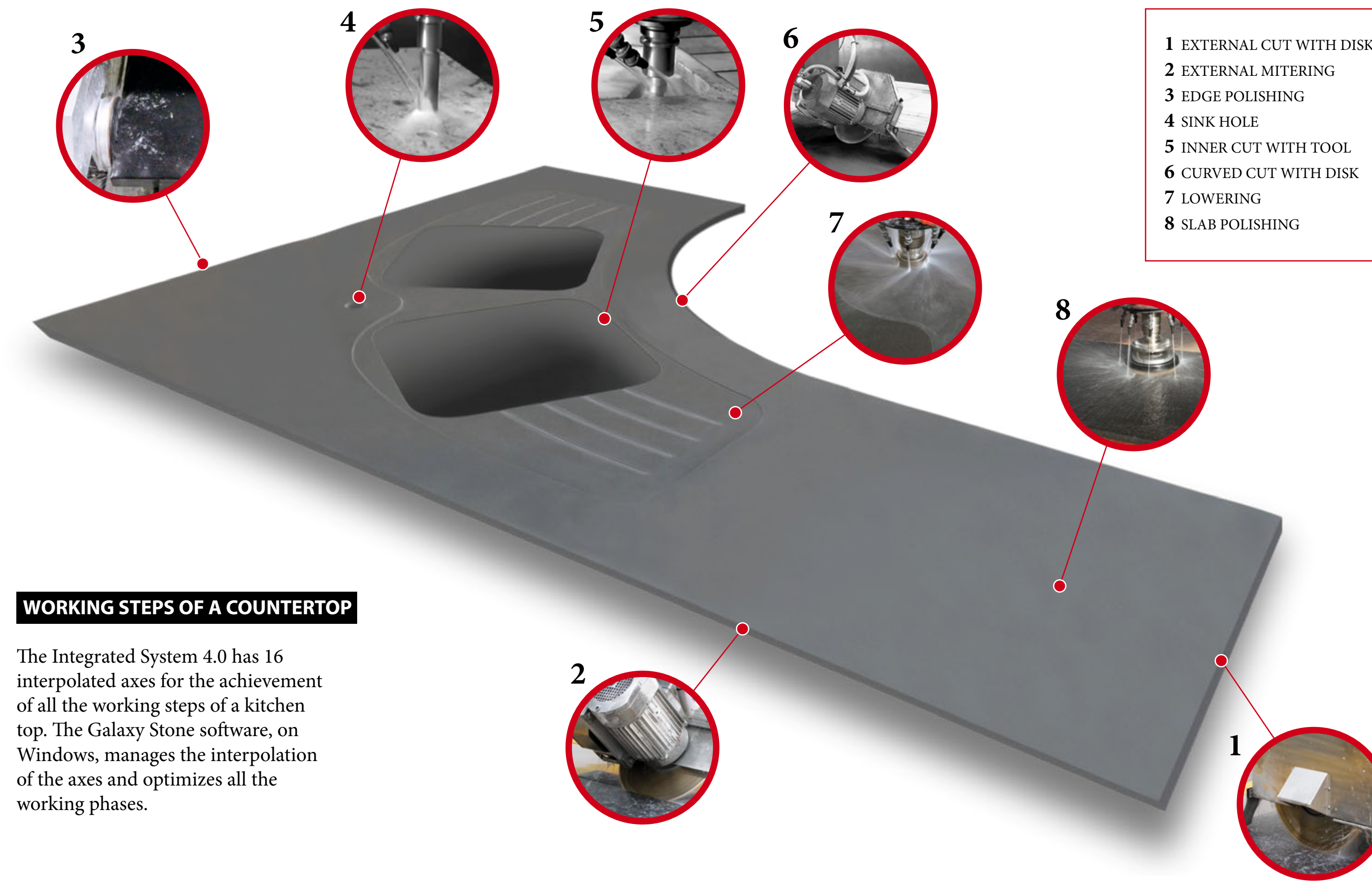
### 5-AXIS BRIDGE SAW

The 5-axis head runs all kind of cuts in automatic / semi-automatic or interactive mode.



### TILTING TABLE

The tilting table allows an easy load of the slabs without the minimal effort of the operator.

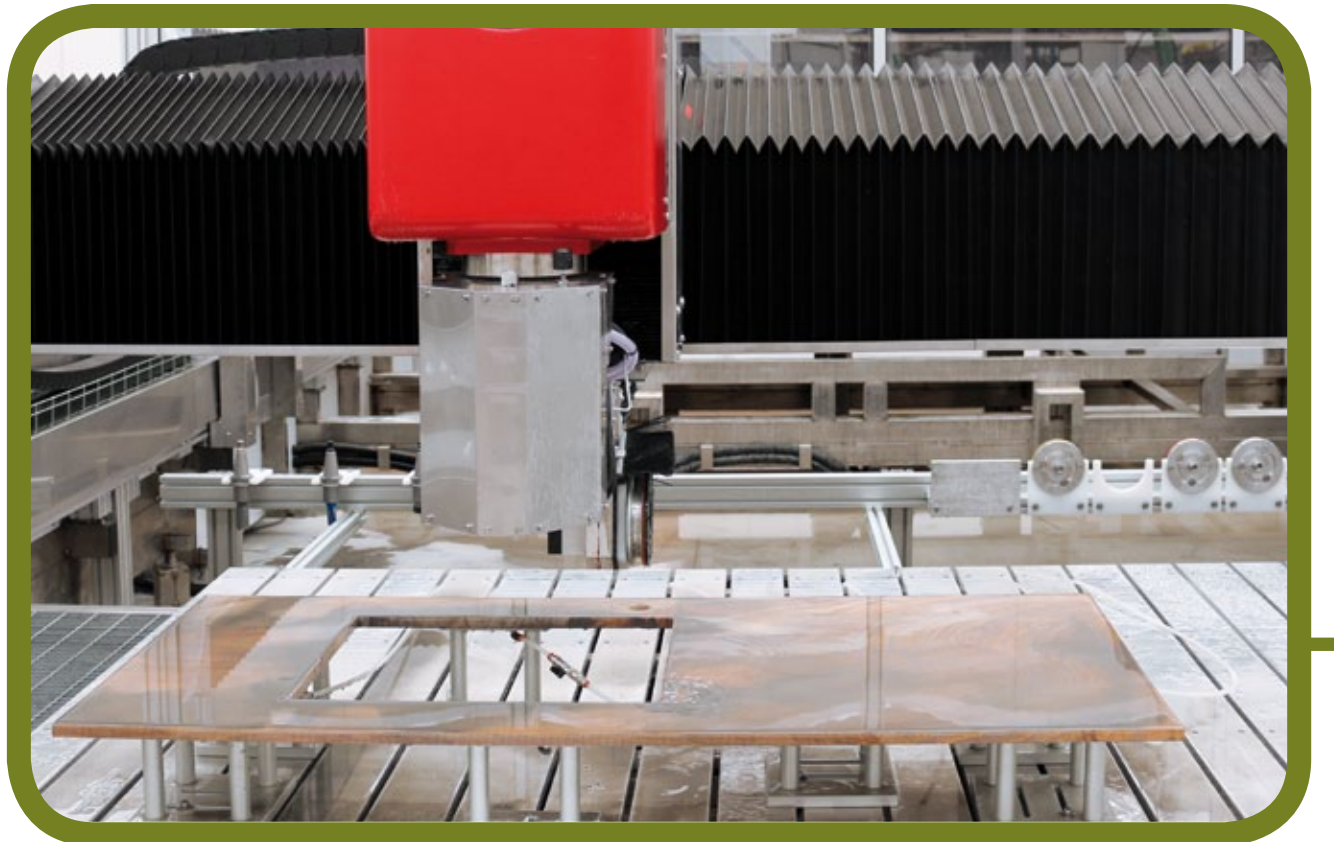


### WORKING STEPS OF A COUNTERTOP

The Integrated System 4.0 has 16 interpolated axes for the achievement of all the working steps of a kitchen top. The Galaxy Stone software, on Windows, manages the interpolation of the axes and optimizes all the working phases.

### 5-AXIS H7 HEAD

The 5-axis head runs all the processes of the edge polishing, guaranteeing a perfect quality and a remarkable money saving on tools, compared to the traditional systems. The small head can work inside the sink cutouts.



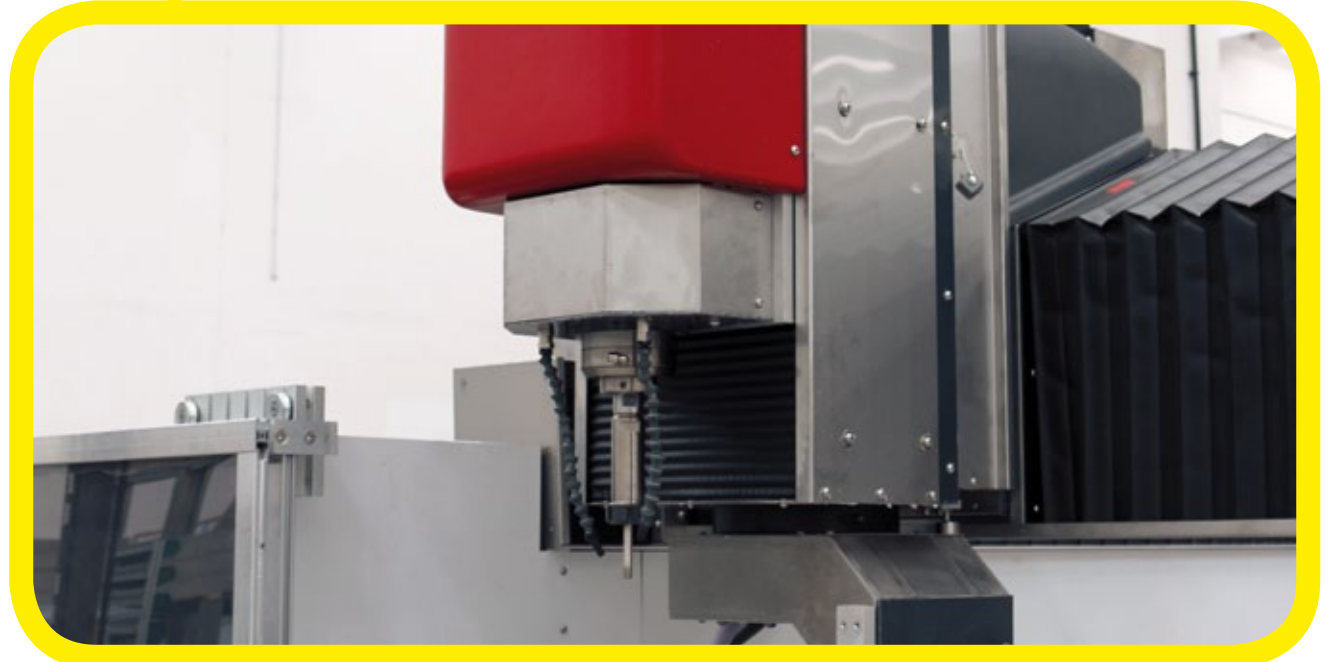
### ALUMINUM RECTIFIED TABLE

The aluminum rectified table allows the perfect clamping of the suction cups where the countertops will lie for the final processes.



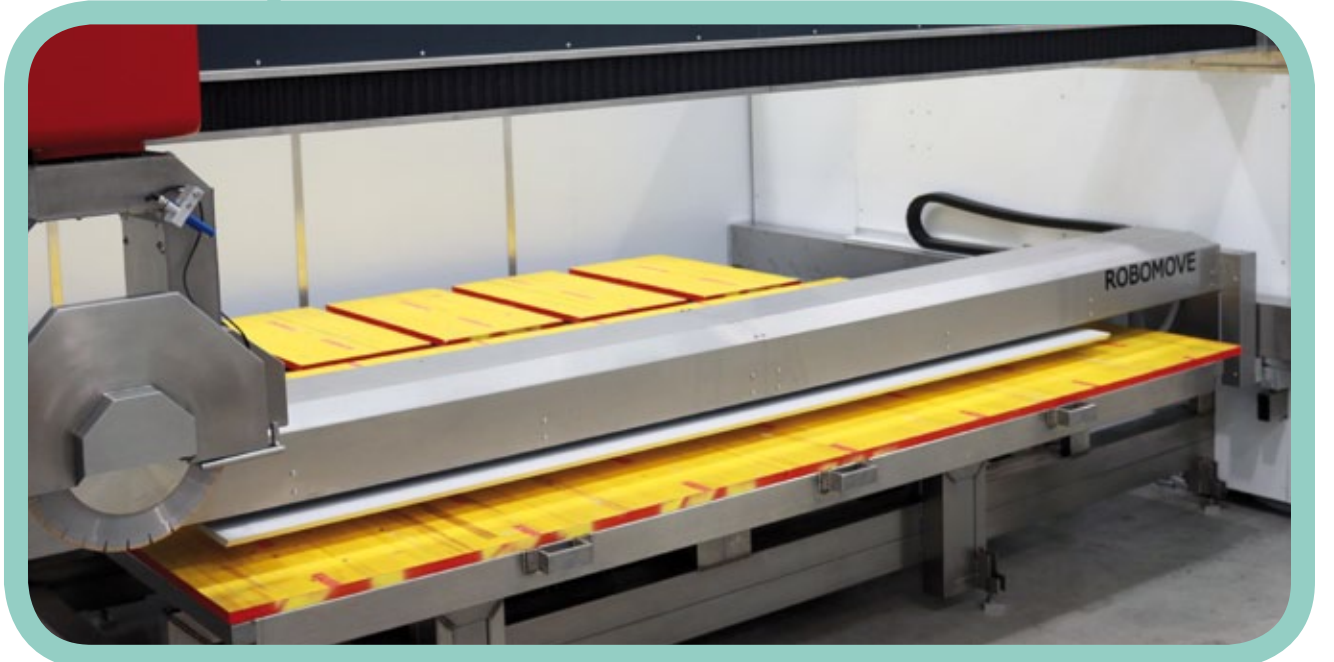
### SECOND HEAD FOR DRILLING OPERATIONS

The second head with 12.000 RPM electro-spindle works on the finishing of the closed corners or on small radius cuts.



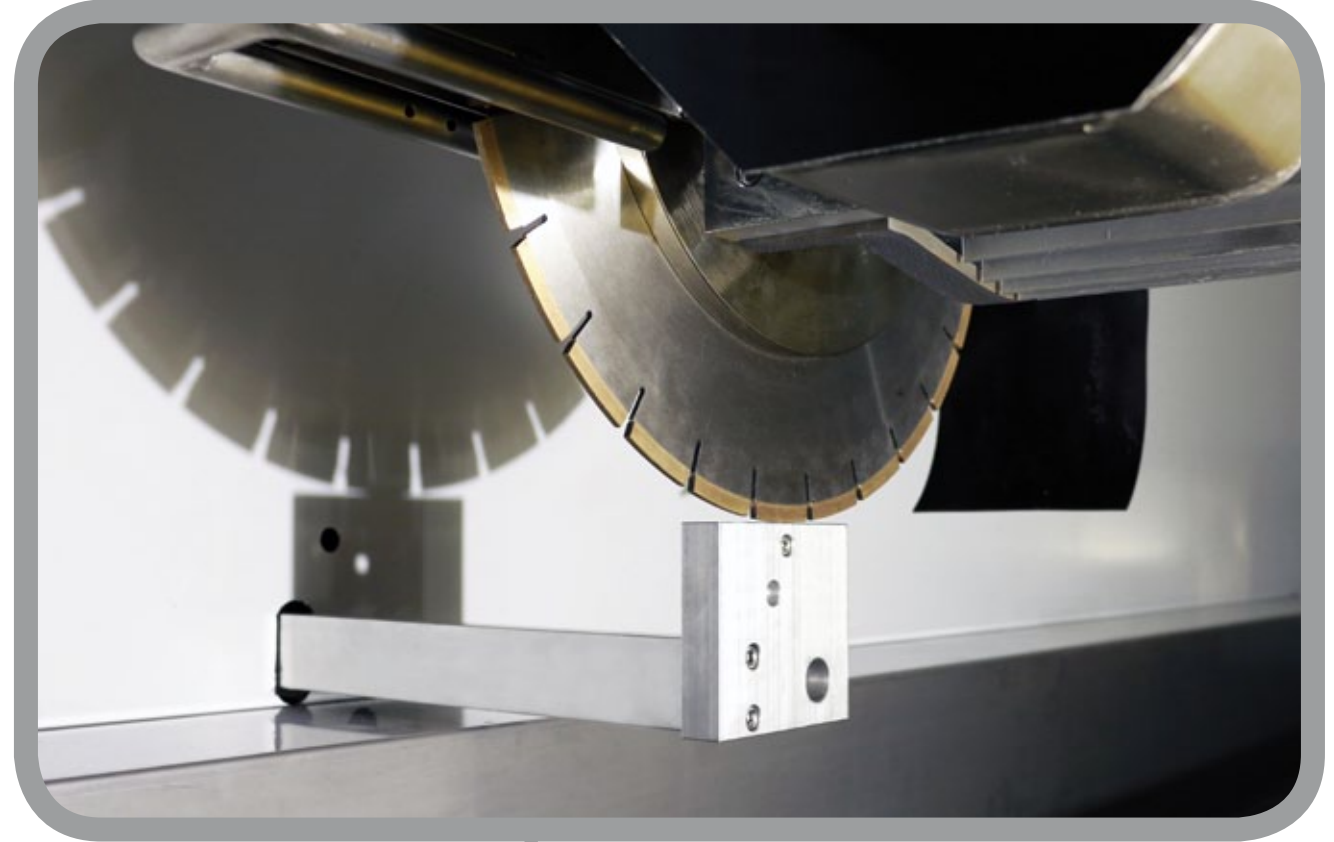
### ROBO-MOVE SYSTEM

The patented Robo-Move System moves the slabs from the bridge saw to the machining center quickly and independently for a whole digital productive cycle.



### DISK PRESETTING

The disk Presetting device allows to automatic measure of the disk diameter and thickness.

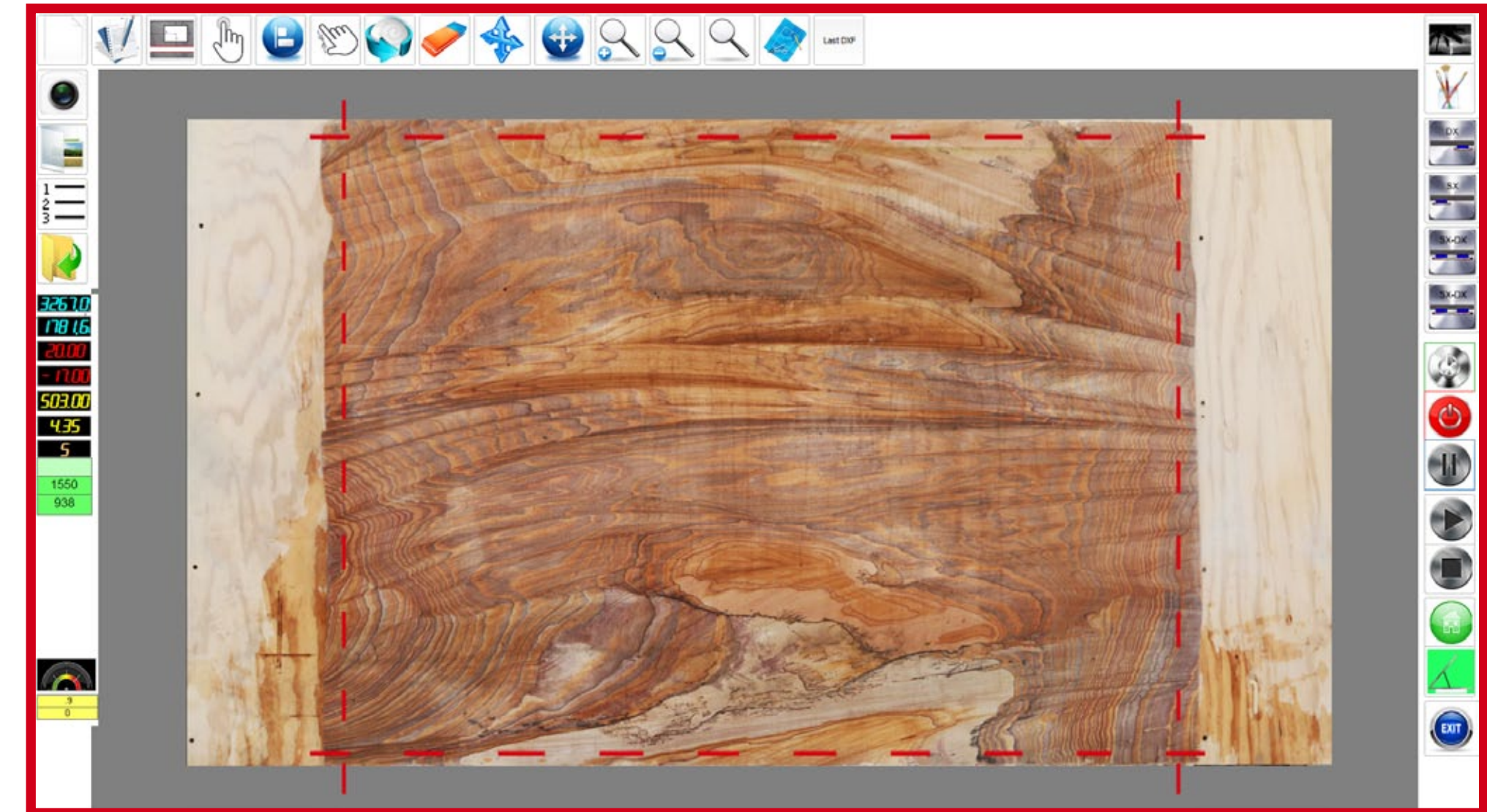


### PHOTOSCAN SYSTEM

The Photoscan system, with the integrated Run-touch 1.0 software, digitizes and measures the slab. It manages the cutting processes with the macros, improves the arrangement and management of a slab warehouse (scraps included) and works as a template reader. Moreover, it has the Vein-Matching App for the complex layouts that need to follow the natural flow of the material.



### BOOK MATCHING SOFTWARE



### MATERIALS

