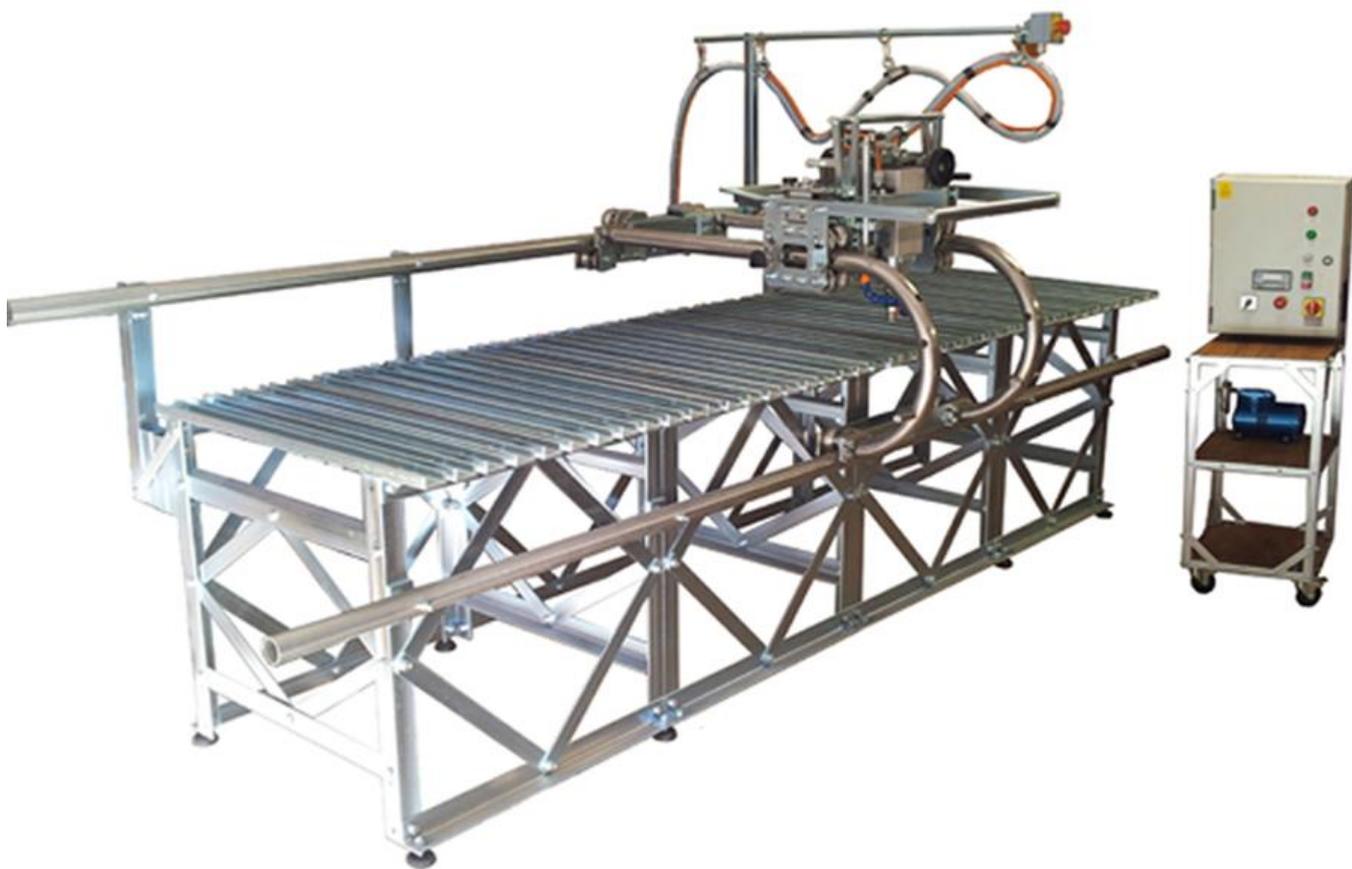
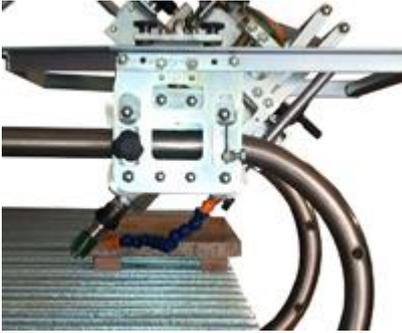




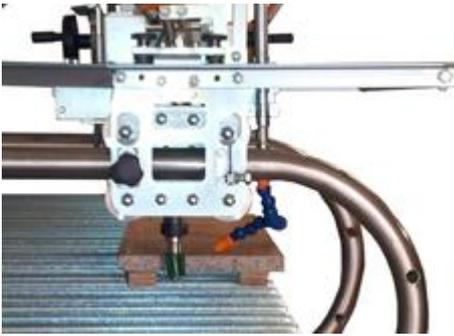
**REVOLUTION manual 4 axis stone processing center.**

**REVOLUTION** is designed to produce, counter tops, bath tops, window sills, stairs, shower bases, tables. The use of profiled wheels, cutters, drill-bits, disks and other tools, allows the achievement of any kind of moulding, cutting and drilling, from frequent and standard jobs to the most elaborate and difficult, making of **REVOLUTION** the perfect stone processing center.





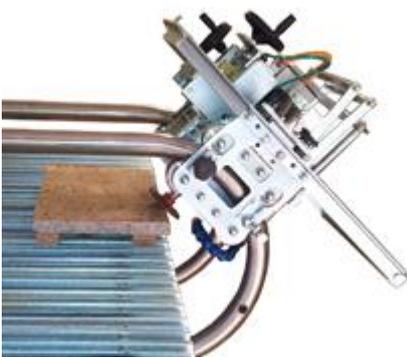
Pos. 1 45° profiling, disk cutting



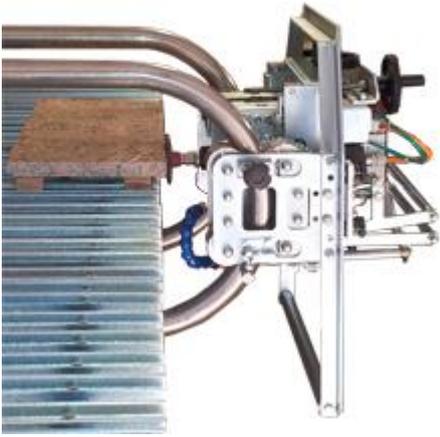
Pos. 1 0° profiling, drilling, drainboard



Pos. 1 -30° profiling, disk cutting



Pos. 2 45° disk cutting, bevelling



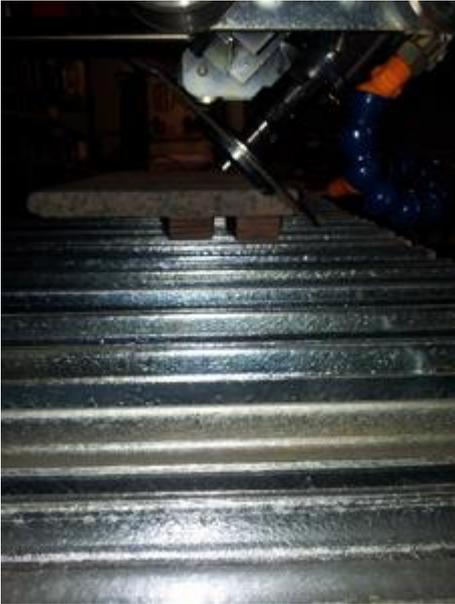
Pos. 3 Flat edge polishing



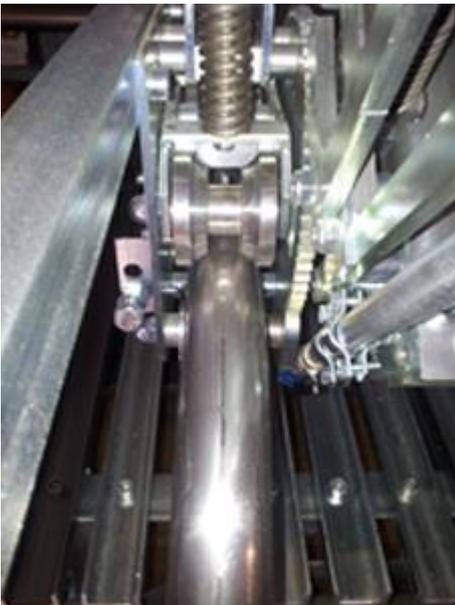
Pos. 1 0° sink profiling



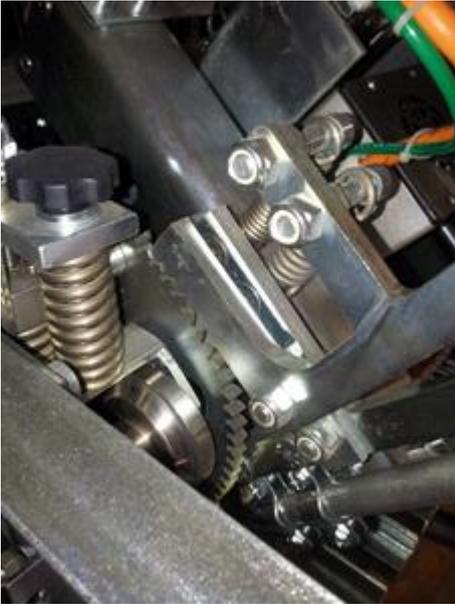
Spindle with ER32 collet and adapter 22,2 mm



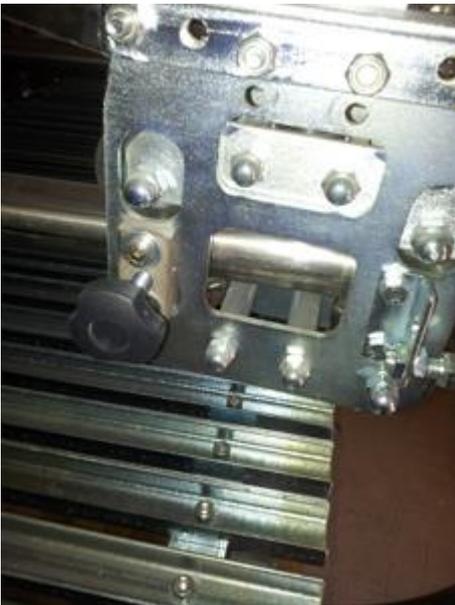
Pos. 1 45° disk cutting



Head. AISI 304 stainless steel wheels



Head R-axis  $-90^{\circ}$  -  $+90^{\circ}$  in  $5^{\circ}$  steps



Head rapid position lock

## **REVOLUTION PERFORMANCE**

### **REVOLUTION is built to work**

- marble, granite, engineered stone, concrete, glass, quartz, corian, solid surface, silestone, quarella, kalingaston, cesarstone, bretonstone, tecnistone, samsung, okite ....

### **REVOLUTION can work as**

- surface polisher
- edge polisher

- sink cut out machine
- drill press
- in line back splash polisher
- drainboard machine
- v-grooving machine
- floating machine
- bevel machine
- cutter machine
- 45° cutter machine

### **REVOLUTION is built to produce**

-countertops, bathtops, window sills, stairs, shower bases, fireplaces, swimming pools, door frames, window frames, thumbstones, furniture

.....

### **REVOLUTION is built to use the following tools**

high wire diamond tooling made in italy

- profiled wheels: bulbouse; half bullnose; OG; triple full; eazed edge; bevelled edge....



.....

REVOLUITION can use sintered tool, vacuum braced tools, electroplated tools, abrasiv tools, diamond polisher tools, dimond tissue tools, brushes...

REVOLUTION with two adapters of 22,2 mm and 35 mm attachemet, given as standard, can use almost any tools. Adapters with 20 mm, 22 mm, 1/2" gas male and female, 5/8" male and female, m12, m14 are available on request.

With REVOLUTION **you can use any tool that you have in your company.**

- cutters: crowncutters up to 22 m of diameter; fingercutters.



- drill-bits: up to 60 mm diameter



- disks: up to 200 mm of diameter



- and other tools, allows the achievement of any kind of moulding, cutting and drilling, from frequent and standard jobs to the most elaborate and difficult, making of REVOLUTION the perfect stone processing center.

### **REVOLUTION - tool benefits**

- Revolution that is equipped with variable and prefixed spindle speed has always the best speed for tools performance and a longer tool life.
- Revolution with wet working procedure gives to the tools a longer life and better performance.

### **REVOLUTION - can work dry and wet**

### **REVOLUTION - template works**

- Revolution works with templates in scale 1:1 that can be built in plywood, pvc, steel or any other material that is resistant and precise.
- Templates are fixed directly over the slab to work. This has the big advantage that there is absolute no flexion between template and slab, as on other machines.
- Templates fixed directly over the slab to work, are to handle much easier and faster like no other solutions.
- Machines that have the template not over the slab to work need much more space in the production, almost the double, without having any benefit.

### **REVOLUTION - environmental benefits**

- Revolution working wet, do not produce dangerous powders that causes silicosis.
- Revolution control the spindle with an inverter that save energy and protects it.

### **REVOLUTION - safety benefits**

- Revolution has a big distance between hand and tools
- No more finger cuts with dangerous working practice
- No dust
- No silicosis

### **REVOLUTION - positioning**

- Revolution can be unloaded with crane or forklift.

- Revolution is easy to be moved with transpallet.
- Revolution doesn't need any masonry work
- Revolution is easy to be installed
- Revolution can be leveled on almost all rigid undergrounds thanks his 8 feet that can be regulated and level the machine perfectly.
- Revolution needs only electrical and water connection for working.

## **REVOLUTION CONSTRUCTION CHARACTERISTICS**

### **REVOLUTION - modular mainframe**

- FE360 steel cold galvanized

### **REVOLUTION - standard frames**

- **REV 150** – 1500 mm. **cutting performance**
- **REV 225** - 2250 mm.
- **REV 300** – 3000 mm.
- **REV 375** – 3750 mm.

### **REVOLUTION - guides and wheels**

- All guides and wheels are in AISI 304 in stainless steel

### **REVOLUTION - pressuriced high precisiion high speed spindle**

#### POWER

- the spindle is available with 2.2 Kw single phase, 3.3 Kw three phase and 4.5 Kw three phase.

#### PROTECTION

- All spindles are under constant air pressure. The constant air pressure ensures to keep the spindle clean and to avoid to enter liquids. Air compressor on board.

#### ATTACHMENT

- Every spindle is equipped with ER32/22.2 mm and ER32/35mm Adapter.
- The spindle speed is variable from 1500 – 12000 rpm. The control panel is equipped with an switch for predefined speeds. 1500, 2800, 6000 and 10000rpm. Any other speed are can be select by +/- buttons.

## **REVOLUTION - CERTIFICATION CE**

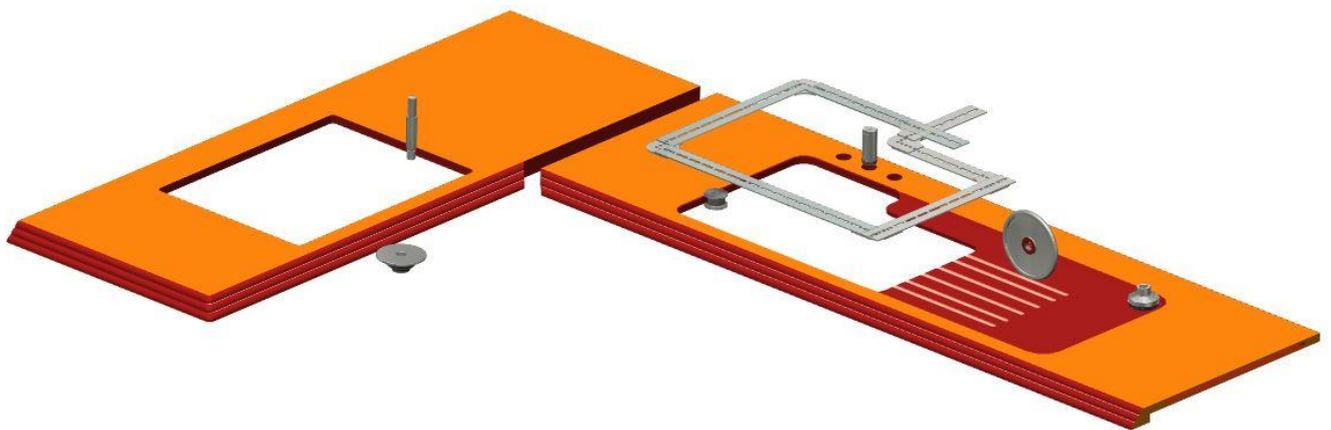
The manual stone processing center REVOLUTION is projected and produced under european CE regulations and laws

## **REVOLUTION - control panel**

- The control panel is installed on the tool trolley. This makes the work easier and protects the control panel from water.

## **REVOLUTION - dotation**

- machine complete assembled
- nr. 8 feet
- nr. 4 rapid endstroke stoppers
- nr. 2 rapid position stoppers
- nr. 1 flanges for disk
- nr. 1 support for disk carter
- nr. 1 carter for disk
- nr. 8 spacer for slab in marine plywood
- nr. 4 spacer for template in marine plywood
- nr. 4 clamps for slab
- nr. 4 clamps for template
- nr. 2 adapters
- nr. 2 tracers
- nr. 1 tool trolley
- nr. 1 electric control panel
- nr. 6 different tool fixing screws



# YOU BUY



MADE IN ITALY

You buy perfect polished profiles

A B E H L Q T V Z



You buy perfect polished marble, granite, quartz, corian, silestone, concrete



You buy perfect polished edges

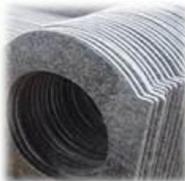
You buy perfect polished sinks

You buy perfect polished drainboards

You buy 45° cuts

You buy perfect bevels

You buy a dust free production



You buy serial production

You buy grave stones

You buy stairs

You buy window sills

You buy fireplaces

You buy showerbases

You buy Profession



## REVOLUTION

Manual 4 axis stone processing



BUY NOW