



Ultimate Sink Machine

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Categories: [Sink Machine](#), [Terzago Macchine](#)

Product Description

Machine with small dimensions, specially made for laboratories with space problems. It 's compact robust and easy to be used . It's a 3 axes CNC machine ideal for cutting /polishing sink bowls of any stone and ceramic material and it is equipped with 9 ISO 40 tools station with automatic change . Maximum material working dimensions 3500 x 1000 x 50 mm



Cute 36 625

Mono-Block Sawing Machine 4 Axis. Machine with compact dimensions. The spin of the head 360°. All the Axis drivers complete with elevated inertia BRUSHLESS motors. Complete CNC control with a Touch screen panel.

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Categories: [Bridge Saws](#), [Terzago Macchine](#)

Product Description

- Slide of disc-holder slips on guides in hardened steel with recirculating balls pre-loaded for the elimination of the mechanical clearance.
- Positioning with pinion-helical rack system of precision and epicycle reducer with 0 clearance (Axis X).
- Sliding of the bridge on guides in hardened steel, cold-drawn, in a class of precision H and sliding-block with recirculating balls pre-loaded.
- Positioning with 2 motors in electrical-axis with pinion- helical rack system of precision and epicycle reducers with 0 clearance (Axis Y).
- Sliding of head-holder on the over-dimensioned chromed cylinder.
- Positioning with system screw-nut with recirculating balls pre-loaded and epicycle reducer with 0 clearance (Axis Z).
- The spin of the head $\pm 185^\circ$ with a reducer of high precision with eccentrics with 0 clearance (Axis C).
- The spin of the mandrel 0° - 90° by the manual wheel.
- Disc motor, power 15 kW, directly connected to the blade, electronic control of rotation speed by mean of INVERTER.
- Switchboard with isolation IP 55 at the right of the machine and outside of the foundation wall, with the general switch and block door. In the control panel are grouped the contactors with the relative thermal protections, the drives, and the electronic controls, the complete PLC control while the Touch screen panel and the keyboard are positioned in a remote pendant box.
- Laser beam facilitates positioning of the blade on cutting line.
- Water pressure switches stop the machine if cooling water insufficient.
- Tools are protected by an electronic ammeter to prevent the use above preset values.

- Refrigeration pipes and electrical wiring protected in plastic cable trailer chain.



EASY 625

5 Axis Mono-Block Bridge Saw. Machine with compact dimensions. The spin of the head 360°. All the Axis drivers complete with elevated inertia BRUSHLESS motors. Complete CNC control with a Touch screen panel.

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- Positioning with 2 motors in electrical-axis with pinion- helical rack system of precision and epicycle reducers with 0 clearance (Axis Y).
- Sliding of head-holder on the over-dimensioned chromed cylinder.
- Positioning with system screw-nut with recirculating balls pre-loaded and epicycle reducer with 0 clearance (Axis Z).
- Spin of the head $\pm 185^\circ$ with a reducer of high precision with eccentrics with 0 clearance (Axis C).
- Spin of the mandrel 0° - 90° reducer of high precision with eccentrics with 0 clearance (Axis A).
- All the drives complete with elevated inertia BRUSHLESS motors, digitally controlled with system CAN-BUS.
- Disc motor, power 11 kW, directly connected to the blade, electronic control of rotation speed by mean of INVERTER.
- Possibility of tilted cut in small steps obtained with interpolation of the axis horizontal and vertical.
- Switchboard with isolation IP 55 at the right of the machine and outside of the foundation wall, with the general switch and block door. In the control panel are grouped the contactors with the relative thermal protections, the drives, and the electronic controls, the complete CNC control while the Touch screen panel and the keyboard are positioned in a remote pendant box.
- Laser beam facilitates positioning of the blade on the cutting line.
- Water pressure switches stop the machine if cooling water insufficient.
- Tools are protected by an electronic ammeter to prevent the use of above-preset values.
- Refrigeration pipes and electrical wiring protected in plastic cable trailer chain



Easy 725 5-axis

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Categories: [Bridge Saws](#), [Terzago Macchine](#)

Product Description

EASY 725 SUPER 5 AXIS Saw - Machine with compact dimensions, specially made for laboratories with space problems, for the production of worked like: shaped pieces, shaping with horizontal blade, plans shower, plans kitchen of average and great dimensions, several contornature both in marble than granite. Its main characteristics are: - Slide of disc-holder slips on guides in hardened steel, cold-drawn, in class of precision H and sliding-block with recirculating balls pre-loaded for the elimination of the mechanical clearance - Positioning with pinion- helical rack system of precision and epicycle reducer with 0 clearance (Axis X) - Sliding of the bridge on guides in hardened steel, cold-drawn, in class of precision H and sliding-block with recirculating balls pre-loaded - Positioning with 2 motors in electrical-axis with pinion- helical rack system of precision and epicycle reducers with 0 clearance (Axis Y) - Sliding of head-holder on over-dimensioned chromed cylinder. - Positioning with system screw-nut with recirculating balls pre-loaded and epicycle reducer with 0 clearance (Axis Z) - Spin of the head with reducer of high precision with eccentrics with 0 clearance (Axis C) 360° - Spin of the mandrel 0°-90° reducer of high precision with eccentrics with 0 clearance (Axis A) - All the drives complete with elevated inertia BRUSHLESS motors, digitally controlled with system CAN-BUS - Motor of the blade directly connected to the disc, rated power 15Kw (S6) - Possibility of tilted cut in small steps obtained with interpolation of the axis horizontal and vertical. - Switchboard with isolation IP 55 at the right of the machine and outside of the foundation wall, with the general switch and block door. In the control panel are grouped the contactors with the relative thermal protections, the drives and the electronics controls, the complete CNC control while the Touch screen panel and the keyboard are positioned in a remote pendant box. - Laser beam facilitates positioning of blade on cutting line. - Water pressure switches stops machine, if cooling water insufficient - Tools are protected by an electronic ammeter to prevent use above preset values - Refrigeration pipes and electrical wiring protected in plastic cable trailer chain. MAIN FEATURES OF CNC CONTROL - CNC Numerically controlled programmer for the management of 5 axes (X-Y-Z-A disc inclination and C head rotation), Y Bridge translation X Right-left translation of the head slide Z Up-Down movement of the mandrel A Mandrel inclination 0° -90° C Head rotation 360° - Control of the horizontal and vertical cutting movement of the disc head, of the bridge translation and of the rotation of the head - Complete control of the inclination of the disc motor. - Cutting programs in single step for marble or multiple steps, with small increments programmable, for granite - Auto teach-in and electronically set of the end-stroke cutting and return on the slide of the disc head - Auto teach-in and electronically set of the end-stroke for the bridge translation - Setting of the cut-return with different values on the cut and return and last cut. - Programming of circle or curve cutting cycles, diagonal or orthogonal cuts by interpolation of Y-X and C axes - Positioning of the machine with all the axes moving at the same time, reducing waste time - Execution of the finishing cycle with the side of the blade (brushing system obtained with interpolation of Z-Y axes and steps of X axes) - Execution of excavation cycles both in roughing and finishing, concave and convex obtained with interpolation of X-Z axes with steps of Y) - Completely automated cycles permit the execution of all the programs without the presence of the worker - MACRO programs for the execution of shaping with the disc, contouring and excavation with discs - Programming on the touch screen on-board of the machine or on a remote computer with CAD software, DXF files loadable created on 12 or newer editions. - CNC control ready to use camera image acquisition system to load SLABS pictures and create cutting programs - CNC control ready to use TELESERVICE, it is necessary to have a Ethernet Cable and an INTERNET connection (not supplied)



Rapida

Automatic Bridge Saw Machine. Bridge saw machine with main parts built-in cast iron, supplied with a PLC of easy and intuitive use to program slabs cutting and cuts and movement. It is possible to execute linear shaping. Manual table rotation and head tilting

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Categories: [Bridge Saws](#), [Terzago Macchine](#)

Product Description

- Cheap to install (steel or cement walls) and easy to use: for marble, granite, and similar stones.
- Construction built-in cast iron for stability, low resonance, and durability.
- The motor of reduced dimensions co-axial with the blade.
- Blade holder slides electrically powered on bearings; guides well-protected from water and dust.
- Electric bridge translation on sliding rails protected by everlasting belt and guards.
- Mono-axial positioning for bridge translation with encoder.
- Vertical movement of the head with 2-speed self-braking motor on prismatic guides, controlled by the encoder.
- Motorized rotating table, with fixed locks every 90° can be blocked in any position 0° - 360°.
- Manual tilting head from 0° to 90° to cut marble and granite even in short passes.
- The PLC with a graphic touch screen allows programming and interpolation of two-axis for concave-convex shaping, contouring, shaving, and control of table rotation.
- Separate potentiometer for left/right slide speed and operational controls.
- Amperometer to protect from use of tools above-accepted tolerances. Electrical cables and cooling water pipes in nylon cable trailer chain.
- Soundproofed blade guard.



Forma

Bridge Saw With CNC. Machine for all handicraft and industrial laboratories for processing marble and granite. Disc diameter up to 1.200 mm, management of 4 axes, head inclination motorized. CNC for programming slabs cut, linear, concave, and convex shaping, honing of shapes with side of the disc, circular and interrupted cuts.

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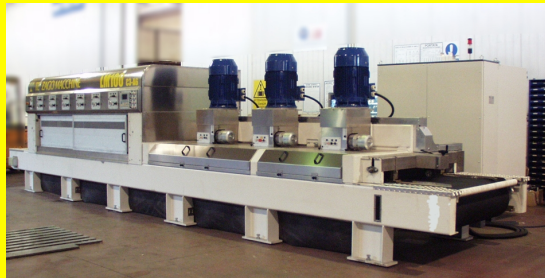
Product Description

- Machine suitable for both small and large workshops for marble/granite.
- Bridge mainframe/table in cast iron for stability / minimum vibration/greater machine life.
- Long-lasting stainless steel protective covering.

- Small-dimension motor connected directly to blade, with the inverter.
- Blade unit/bridge action electronically controlled on bearings, by the encoder.
- Head vertical action with auto-braking motor, controlled by the encoder on the prismatic guide.
- Motorized rotating bench with auto-positioning 0° - 360°; blocking with hydraulic brakes.
- 0° - 90° tilting head even for small runs, auto-blockable in position with hydraulic brake.
- P 55 LX cabinet houses electronic and electrical control / right-left slide, forward-backward bridge movement, head raising/lowering, bench rotation.
- Collimatore a raggio laser per facilitare il posizionamento del disco sulla linea di taglio.
- Laser beam for ease of positioning of the blade on cutting line. Bridge mainframe/table in cast iron for stability / minimum vibration/greater machine life.

Main Functions of Controls

- Automatic axes control with fast reaction; translation of bridge; automatic table rotation.
- Electronic tilting of blade cutting unit.
- Single marble run / small increasing granite steps according to programmed depth.
- Selection of 20 different cutting widths to be repeated up to 99 times.
- Cutting, and blade head return limit switches self-setting electronically.
- Beam movement limit switches self-setting.
- Differential regulation of cut-and-return speed and last cut speed.
- Automatic bench tilt programming for continuous circular or orthogonal cutting.
- Through runs or part runs possible.
- All axes can be moved together to reduce lime wastage.
- Profiles can be set directly from the keyboard; concave/convex arches on rising/descending tilts of any angle.
- Linear and circular profiles for horizontal/vertical axes of the blade head possible.
- Resident menu cycles: cross-cutting, facing - slab-cutting, concave-convex, shaping, interpolated shaping.
- Specific prog. with CAD/CAM, converter, and ISO, for profiles and shapes drawn on CAD connected externally in serial RS 232 (optional)



Polishing-Calibrating LM 65

LM 65 - Calibrating Polishing Machine For Marble. Machine suitable for calibrating and polishing semi-worked strips and/or sized pieces in marble or similar stones. Machine base in electro welded steel plates with fully worked top covered and protected by stainless steel covering over which conveyor belt passes. Up/down movement automatic as material passes thanks to the electronic programmer to set length of time and position. The machines are built on the specific requests of customers matching any kind of polishing process or any kind of natural stone.

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Categories: [Polishing Machine](#), [Terzago Macchine](#)

Product Description

- The main structure covered in electro-welded steel sheets.
- Conveyor belt seated on a level surface, covered in stainless steel.
- The belt runs on two cylinders - one at the entrance to the stretch belt, one at the exit with an electronically

controlled variable speed gear motor.

- Operating heads centrally housed on strong, electro-welded beam.
- Pneumatic vertical movement on chrome column.
- Transverse spindle unit beam movement powered by an electronically controlled electric motor.
- Beam at the front bearing diamond calibrating heads.
- Abrasive/calibrating head up/down movement is pneumatic; working pressure of individual heads can be regulated and seen on pressure gauge; automatic gauging of material thanks to the electronic programmer for time/position.
- Individual heads can be excluded.
- Conveyor speed/spindle-holder beam on display in real-time; motor absorption.
- Fault-detection.
- Individual heads with raising device for abrasive wear irrespective of material thickness.
- LX board, placed away from the main body of the machine, provides power, auxiliaries, accident protection, and PLC.



L 22 S

L 22 S - Polishing Machine For Marble/Granite Slabs. The standard version of the machine suitable for polishing marble and stone. With optional 5 satellite planetary head (can also be retro-fitted), can polish hard granite.

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Product Description

L 22 S - Polishing Machine For Marble/Granite Slabs. Standard version of machine suitable for polishing marble and stone. With optional 5 satellite planetary head (can also be retro-fitted), can polish hard granite.



NEPTUNE 3

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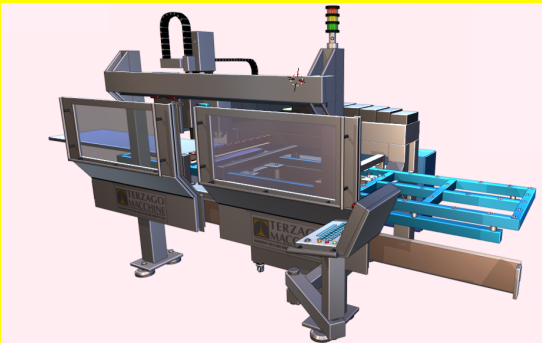
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Categories: [Terzago Machine](#), [Waterjet](#)

Product Description

Neptune 3 - 3 Axes Waterjet Modular structure machine is made up of a series of rigid pedestals (modules), subjected to heat treatment, with structure of the type to "drawbridge" with fixed table. The modules of multiple strokes by the two / three meters, thanks to its particular constructive concept are connected to each other until reaching the required stroke in Y; equally tubs, and always with modular worktops self-supporting, are inserted and installed between the two shoulders. The Mobile Bridge flowing in the longitudinal direction (Y axis),

supported by two trolleys lateral (right-left) which slide guides with double ball. At the edge of the bridge runs the X carriage (transverse movement): The vertical axis Z positioning (controlled by CN) is on board the wagon X. One of our characteristics concerning the handling of the bridge based on 'setting "gantry mastermaster" of the axis Y1-Y2: two brushless motors controlled by the CNC independently manage the synchronization of the two engines of parallel axes (Y1-Y2). The whole structure "Bases, Front, Bridge" is heat-treated to ensure over time the appearance of kinematic structural - This approach allows more accelerations / decelerations, control of orthogonality along its entire dimension X-Y1/Y2, then constant accuracy over the work area. The raceways are made with precision guides and skates double ball bearing, the transmission of motion with rectified racks tilted teeth (19 ° 42 "41 ') to ensure the accuracy and repeatability even on very long runways. We guarantee an accuracy class H5. The movements of the axes of the machine are fully protected by special crankcase labyrinth and waterproof bellows which prevent water, dust of abrasive, and any foreign matter intrusion between the elements of the handling. Technical features: Structure with mobile Bridge Y AXES (mm) 5400 (213") X AXES (mm) 3200 (126") Z AXES (mm) 220 (8,66") -CNC handling Brushless digital Gantry Y1-Y2 Brushless digital X Brushless digital Z-C-A Speed 0 40.000 m/m Tolerance +/- 0.05 m/m +/- 0.05 m/m +/- 0.05 m/m Positioning repeatability +/- 0,005 m/m +/- 0,005 m/m +/- 0,005 m/m Planetary gearboxes 1/10 NM N° 2 Y1-Y2 1/10 NM absolute. TANK TABLE WORKING The system is supplied with a water table to curb the power of the jet, and deaden the noise. The tub support pieces is separated from the structure and is supported by legs 12 for each module (3x2), and is made of sheet media with the center of the tub-support blades. The blades of support are removable individually in order to be able to replace only the worn-out parts from the jet. The comb blades are available in different models depending on the type of material to be cut: all models have been designed to ensure a minimum return of the jet (reflux) and to allow a simple and partial replacement when needed at low cost. Normally the comb support blades are in the shape of "Wave", such as to reduce the mechanical backflow of water



Sink Machine

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Product Description



Slab Polisher

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Categories: [Polishing Machine](#), [Terzago Macchine](#)

Product Description

Marble Slab Polishing Machine. Machine suitable for calibrating and polishing semi-worked slabs and/or sized

pieces in marble or similar stones. Machine base in electro-welded steel plates with fully worked top covered and protected by stainless steel covering over which conveyor belt passes. Up/down movement with automatic positioning as material passes thanks to the electronic programmer that sets the length of time and position thickness and profile of the slab.



T14 SM - T16 SM Block Cutter

Block Cutters T14 SM - T16 SM. As a tradition Terzaghi, the block cutters are built with dimensional generosity, with a strong cast iron bridge for a time performance of undisputed length. Built-in the four columns frame and in the two columns frame. For marble and granite, mono or multi discs

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Categories: [Block Cutters](#), [Terzaghi Machine](#)

Product Description

- Block cutter with the automatic cycle for cutting marble.
- Heavy-duty type for transforming blocks of marble and similar stone into strips. Built-in cast iron on four columns. Connecting beams and over-size bridge in cast iron.
- The working speed of the electrically powered blade-head unit can be regulated.
- Hydraulic opening/closing of the horizontal blade with a dedicated line.
- Transverse bridge movement is electric with a rack/pinion system, running on interchangeable levels and positioning with encoder.
- Vertical movement with four precision screws mounted on columns with four worm screws. Four counter-screws prevent accidental falling of the bridge. One-speed step-cutting motor for rotation of screws synchronized by the connecting shaft; encoder for positioning.
- The main transmission by high-performance tracks with the oil-bathed gearbox. Shaft rev. changes by pulley Motorised block carriage.
- Centralized lubrication. Water-tight electrical cabinet.
- Control panel with keyboard and real-time display of operator instructions, alarms, and operating parameters.



T30 S Block Cutter

Electronic Giant Disc Saw. Stability of machine in operation guaranteed by a over dimensioned frame in welded steel. On the electrical board it is installed the control panel with Touch Screen to visualize alarms, operator instructions and operational parameters for development of correct working cycle to be seen in real time.

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Stock: instock

Categories: [Block Cutters](#), [Terzaghi Machine](#)

Product Description

- Cutting unit with rack/pinion system powered for beam travel by electric gear motor that allows cutting speed selection.
- Bridge translates on bearings with rack/pinion system powered by an electric gear motor with inverter for perfect speeds.
- Head vertical movement with the self-braking motor, on prismatic guides (with guard). Accurate positioning of all axes thanks to the encoder.
- Main transmission through high-performance belts and oil-bathed gear. The inverter provides a spindle rev. changes.
- A mobile control pad can be connected to a water-tight electrical cabinet.
- The terminal on the control panel comprises a display and keyboard and operator instructions, alarms, and operating parameters that can be viewed in real-time.



T35 SE Block Cutter

Giant Blade Saw. Two strong welded steel columns support and guide vertical movement of the bridge of large dimensions made in special cast iron. The structure is given added stability/reduced vibration/less resonance thanks to ribs in cast iron

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Categories: [Block Cutters](#), [Terzago Macchine](#)

Product Description

- Built-in welded steel with a giant blade for extra cutting depth, a robust machine built on two columns that support and guide the vertical cutting unit movement along the cast-iron bridge.
- Manual setting of limit switches avoided because of an encoder for setting cutting length.
- Rev. variator and encoder for cutting unit traverse. Different cutting depths can be set from the terminal.
- Blade-head unit moved horizontally by servomotor coupled to gear motor and rack and pinion system.
- Speed electronically regulated from the control panel. Vertical movement on two precision screws with two worm screws. Two counter-screws for safety. One-speed step-cutting motor for rotation of screws which are synchronized by the connecting shaft; encoder for positioning.
- The main transmission by high performance tracks with oil-bathed gear box. Shaft rev. changes by a pulley (standard) or rev variator (optional).
- Centralized lubrication. IP 55 electrical cabinet. Control panel with keyboard and real-time display of operator instructions, alarms, and operating parameters.



TERZAGO BOREA AUTOMATIC POLISHING MACHINE

A machine for polishing marble and granite sheets, constructed according to the current requirements of quality, productivity, respect for the environment and safety. The block - the load bearing structure of the machine - is a single electrically welded, non-deformable steel block. The running plane of the thick steel sheet is worked in a single

piece to guarantee perfect flatness. The stainless steel belt tightening devices are enclosed in the bench and are easily manoeuvred. The belt is driven by a gear motor with a hydraulic speed changer and has an electronic advance speed display on a monitor. The spindle support beam is supported by two cast iron slides on abundantly sized guides, running in an oil bath on tempered and ground roller tracks. The system is accessible from the outside via a stainless steel cover and is protected by a labyrinth casing, also made of stainless steel, extractable from the outside. The alternate movement of the beam is provided by an electronic frequency speed changer (inverter): this is of the closed ring type for constant beam control at every instant with gentle inversions and adjustable speed ramps: a stabiliser with tempered gears, guarantees the parallel positioning of beam translation. An automatic control unit periodically manages the lubrication of all the main moving parts.

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Product Description