

BRIDGE MILLING:

Technical characteristics

Programming
<ul style="list-style-type: none"> • Through integrated FPCAM interface • Direct in ISO 6983 code • Importing of programs generated by CAD-CAM of third-party
Manual Cuts
with the aid of manipulators in an entirely assisted manner by CNC
with fixed disc or with orientating disc (Oblique cut) and/or tilting disc (Tilted cut)
Slab Cutting
They can be programmed directly with assisted parameter set-up
They are entirely assisted by the CNC: compensation algorithms, selection of cycle in function of the material (marble or granite)
Main Cutting: <ul style="list-style-type: none"> • <i>Single</i> (also Tilted and Oblique), • <i>Multiple</i> (also Tilted), • Cut of <i>tiles</i> with the utility of Automatic Rotation of table, • Cutting of <i>circumferences</i> or <i>arcs of a circumference</i>, • Cutting of <i>Polygons</i>
Slab smoothing: in order to remove any defects, to reduce the thickness
Profiling
<i>standard</i> profiles: semicircle (concave/convex complete, first and second half), angle (concave/convex complete, first and second half)
<i>free</i> profiles generated through CAD
Shaping
<i>standard</i> shapes: cylindrical (concave/convex), angle (concave/convex complete, first and second half), taper (concave/convex)
<i>free</i> shapes generated through CAD

<p>ISAC S.r.l.</p> <p>CAPITALE SOCIALE 100.000,00 € P.I/ C.F..01252870504</p>	<p>VIALE CAMPANIA, 61 – ANG. VIA ETRURIA, 36 56021 CASCINA (PI) ITALY</p>	<p>TEL 050 711131 FAX 050 711472</p>	<p>WWW.ISACSRL.IT isacsrl@isacsrl.it</p>	<p>Azienda con sistema di qualità certificato UNI EN ISO 9001:200</p>
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Shoulder working: finish to remove crests
Profiling+Shaping: the mixed working are allowed
Aids for profiling and shaping are available: <ul style="list-style-type: none">• Selection of the material (marble, granite)• Automatic adapting to the disc thickness
Graphical Simulation: in advance testing of generic errors or end-stroke alarms
Drawing archives
Free organization (also for job orders)
Preview visualization in order to simplify the selection