



IMAGINATION TO REALITY.



i2R CNC

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i2R NY

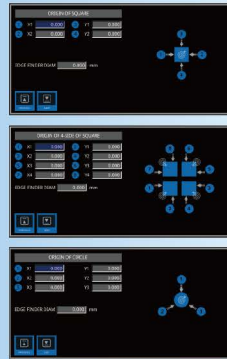


i2R TW



G Series
Elite · Woodworking
Milling / Engraving

- * Cutting height: 250mm.
- * Compatible materials: soft metals, wood, plastics, etc.
- * Suitable for flat panel material carving and shaping.
- * Driven by 750W medium inertia EtherCAT absolute position of the servo motor.
- * 2.2 kw water-cooled spindle, ER20 collet, 0-24000 RPM, Optional 2.2/4.5/ 6.5KW and ATC spindle.
- * 220V single-phase power with 18A current.
- * X/Y1/Y2 axes use Helical Rack & Pinion & Planetary GearBox.
- * Z axis is ball screw drives.
- * All axes use high-precision linear guides.
- * Automatic tool setting device.
- * Standard accessories provide Stand, Toolbox.
- * i-CNC 4-axis CNC controller with a graphical user interface on a 21.5-inch touch screen.
- * Optional Accessories: dust shoe, overarm dust collection kit, rotary 4th axis, five-piece vacuum cup set, 8 tools set 2x2 vacuum table set, 10W laser module, LED lighting kit.



Probe Funtion

G Series	G.48i
Machine Travel (X)	1220mm / 48"
Machine Travel (Y)	2500mm / 98.4"
Machine Travel (Z)	250mm / 9.8"
Table Work Area	1296 x 2700 mm / 54" x 106.3"
Spindle Power	3HP (2.2Kw)
Spindle Configuration	ER20 collet , Water-Cooled
Maximum Speed	24,000 rpm
Precision Linear Guide	X / Y / Z
Precision Ball Screw	Z
Ball Screw Diameter	25mm
Working Table	High rigidity Aluminum Extrusion + MDF
Gantry Bridge	One-Piece Square Steel Tube
Gantry Supports	One-Piece Square Steel Tube
Rapid Shuttle Rate	1890 IPM (48m/min)
Power Requirements	1-Phase 220 Vac, 50/60 Hz, 18A breaker
Positioning Accuracy	±0.0079" / ±0.2mm
Machine Dimensions	1895mm x 3210mm x 1910mm
Machine Weight	1220kgs
Automatic tool setting	Included
Automatic Tool Change	2.2Kw water cool ATC, 4.5kw/6.5kw Air cool ATC
Controller	i CNC controller with 21.5" Touch-Screen
Applicable Language	Multilingual Languages Supported



i CNC controller



G.48i