



IMAGINATION TO REALITY.



i2R CNC

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i2R NY



i2R TW



A . B . W Series
Professional / Gamer / Elite · Woodworking
Milling / Engraving

- **Compatible materials** : soft metals, wood, plastics, etc.
- **Suitable for flat panel material carving and shaping.**
- **Automatic tool setting device.**

- **Optional Accessories** :
Machine Stand, Toolbox, Overarm Dust Collection Kit, 10W Laser module, Rotary 4th axis, Dust shoe, LED kit, 2x2 Vacuum table set,



i CNC controller



i CNC controller



i CNC controller



A Series	A.22i / A.23i / A.24i
Machine Travel (A.22i)	610 x 610 x 150 mm / 24" x 24" x 5.9"
Machine Travel (A.23i)	610 x 910 x 150 mm / 24" x 36" x 5.9"
Machine Travel (A.24i)	610 x 1210 x 150 mm / 24" x 48" x 5.9"
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	X / Y / Z
Rapid Shuttle Rate	300 IPM (5m/min)
Power Requirements	Single-Phase 220 Vac, 50/60 Hz, 10A breaker
Positioning Accuracy	±0.0393" / ±0.10mm
Machine DIM (A.22i)	950mm x 995mm x 770mm
Machine DIM (A.23i)	950mm x 1300mm x 770mm
Machine DIM (A.24i)	950mm x 1600mm x 770mm
Machine Weight	A.22i : 136kgs / A.23i : 152kgs / A.24i : 167kgs
Controller	i CNC controller with 15.1" Touch-Screen
Applicable Language	Multilingual Languages Supported

B Series	B.22i / B.23i / B.24i
Machine Travel (B.22i)	605 x 610 x 100mm / 23.81" x 24" x 3.937"
Machine Travel (B.23i)	605 x 910 x 100mm / 23.81" x 36" x 3.937"
Machine Travel (B.24i)	605 x 1210 x 100mm / 23.81" x 48" x 3.937"
Spindle Power	1HP (0.8kw) / 2HP (1.5Kw)
Spindle Configuration	ER11 collet / ER16 collet , Air Cooled
Maximum Speed	24,000 rpm
Precision Linear Guide	X / Y / Z
Precision Ball Screw	X / Y / Z
Rapid Shuttle Rate	150 IPM (3.81m/min)
Power Requirements	115V 15A 1PH 50-60Hz/220V 10A 1PH 50-60Hz
Positioning Accuracy	±0.0589" / ±0.15mm
Machine DIM (B.22i)	890mm x 965mm x 710mm
Machine DIM (B.23i)	890mm x 1270mm x 710mm
Machine DIM (B.24i)	890mm x 1575mm x 710mm
Machine Weight	B.22i : 98kgs / B.23i : 112kgs / B.24i : 125kgs
Controller	i CNC controller with 15.1" Touch-Screen
Applicable Language	Multilingual Languages Supported

W Series	W.42i
Machine Travel (X)	48" (1220mm)
Machine Travel (Y)	24" (610mm)
Machine Travel (Z)	5.9" (150mm)
Spindle Power	3HP (2.2Kw)
Spindle Configuration	ER20 collet , Air Cooled
Maximum Speed	24,000 rpm
Precision Linear Guide	X / Y / Z
Precision Ball Screw	X / Y / Z
Axis Motor	Close Loop Stepper Motor
Rapid Shuttle Rate	250 IPM (6m/min)
Ball Screw Diameter	16mm
Power Required	1-Phase 220 Vac, 50/60 Hz, 10A breaker
Positioning Accuracy	±0.0393" / ±0.10mm
Machine Dimensions	1680mm x 1030mm x 860mm
Machine Weight	183kgs
Controller	i CNC controller with 15.1" Touch-Screen
Applicable Language	Multilingual Languages Supported