

1612 Specifications

Maximum Engraving Area:	16" x 12"
Max. Workpiece Clearance:	18.5" x Any Width x 5"
Table Overall Dimensions:	31.5" x 21" x 19"
Controller Dimensions:	15" x 15" x 4.5"
Standard Spindle:	1 1/64" or 1/4" Top Loading
Spindle Options:	Top/Bottom collet, 60K RPM Spindle
Spindle Clearance:	1 7/8" standard, 5" with optional riser blocks
Z-Axis Stroke:	1.75"
Standard Features:	Relocatable Home Position & Center Engraving Option Surface Sensor for Automatically Setting Down Position Adjustable Edge Guides (Imperial or Metric Markings) Quick Lock Vise Red Laser Pointer for easy set-ups
Available Options:	Hand-Held Pendant Multi Mat work holding mat Diamond Drag Adapter Carbide Engraving Cutters Diamond Burnishers & Burnishing Adapters Vacuum Chip Removal System Versa Vise Table Tape and Dispenser Workholding Jigs and Clamps Risers Blocks (allows up to 5" thick objects) Automatic Raster Braille Inserter
Software:	Vision Windows or Vision Pro, drivers for 3rd Party Software
Control Display Panel:	LCD with digital display of Position, Feeds, Job Time
Motion Control:	Independent Microstepping Drives and Motors for each axis (X,Y & Z)
Resolution:	.0002"
Speed/Spindle RPM Control:	Control of all speeds from software and/or front panel
Computer Interface:	Ethernet (recommended) or Serial (RS232 - 9 pin port)
3-D Capabilities:	2 1/2D and 3D capable with additional software
Electrical Requirements:	110/220V, 50/60Hz 10 amp
Max. Ambient Temperature:	32°C (90°F) Maximum Ambient Room Temperature
Warranty:	Two year factory warranty. Up to Three additional years available.
Shipping Information:	41" x 43" x 30" 290lbs