

## 1612 Pro Specifications

<b>Maximum Engraving Area:</b>	16" x 12"
<b>Max. Workpiece Clearance:</b>	18.5"x Any Width x 5"
<b>Table Overall Dimensions:</b>	31.5" x 21" x 19"
<b>Controller Dimensions:</b>	15" x 15" x 4.5"
<b>Standard Spindle:</b>	1 1/64" or 1/4" Top Loading
<b>Spindle Options:</b>	Top/Bottom collet, 60K RPM Spindle
<b>Spindle Clearance:</b>	1 7/8" standard, 5" with optional riser blocks
<b>Z-Axis Stroke:</b>	1.75"
<b>Standard Features:</b>	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
<b>Available Options:</b>	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
<b>Software:</b>	Vision Windows or Vision Pro, drivers for 3rd Party Software
<b>Control Display Panel:</b>	LCD with digital display of Position, Feeds, Job Time
<b>Motion Control:</b>	Independent Microstepping Drives and Motors for each axis (X,Y & Z)
<b>Resolution:</b>	.0002"
<b>Speed/Spindle RPM Control:</b>	Control of all speeds from software and/or front panel
<b>Computer Interface:</b>	Ethernet (recommended) or Serial (RS232 - 9 pin port)
<b>3-D Capabilities:</b>	2 1/2D and 3D capable with additional software
<b>Electrical Requirements:</b>	110/220V, 50/60Hz 10 amp
<b>Max. Ambient Temperature:</b>	32°C (90°F) Maximum Ambient Room Temperature
<b>Warranty:</b>	Two year factory warranty. Up to Three additional years available.
<b>Shipping Information:</b>	41" x 43" x 30" 290lbs