

## **Model:W8090/W1313/W1518**

### **Feature:>**

- 1. New outline design, annealed and foundry body as a whole, provide a stable platform to ensure the processing precision and smooth.**
- 2. Using the high-precision movement unit for 3 axes, the import C5 level precision ballscrew and the AMT linear guideway.**
- 3. High-precision, high-speed, low noise of the spindle motor, the knife handle root beats less than 0.02mm when the knife is mounted.**
- 4. Victortech latest dual-CPU multi-axis DSP controller, using advanced algorithms to optimize the speed, so the whole machine performance even can match with the one with servo system.**
- 5. 128M flash memory, 512M bytes or 1G can be optional, a real long time to work independently from the computer, saving resources.**
- 6. Can read directly from the USB flash disk, making the engraving machine and the mainframe completely separate and the engraving machine also can work in poor conditions.**
- 7. High-speed USB transmission speed, the actual speed can reach 400K bytes / s, the big file transfer completed quickly.**
- 8. Open software interface to support the standard G code and a variety of CAD / CAM softwares can be compatible.**
- 9. Unique "fixed-point re-engraving" function, it desn't necessary for the user to guess the broken knife type, just move the knife head near to the point of "re-engraving", the system autamatically finds the knife type and starts to re-engraving.**
- 10. Batch copy function can make the job processing in order according to the size of the material.**
- 11. Handle controller with multi-languages LCD display ,high-precision automatically ZS sensor, easy to learn and operate, a key to complete the repeat processing.**
- 12. Simulated computer keyboard can be exactly the same operation as the handle keyboard,it will not impact the use even if the handle keyboard is damaged.**

13. Widely applied to the woodworker , upholster ,advertising signboard ,furniture and the other engraving works etc.

Technical Data:>

Model No.	W8090	W1313	W1518
X , Y , Z - Axis Travel	800×900 × 120mm	1300×1300×120mm	1500×1800×120mm
Worktable Area	800×1300mm	1400×1800mm	1600×2300mm
Z Max. feeding Height	150mm		
X , Y , Z -Working Accuracy	±0.02 5 / 300 mm		
X , Y , Z -Repeat Accuracy	±0.02 5 mm		
X , Y , Z -Resolution	0.00 312 5 mm		
Drive System	Step Motor micro-step Subdivision Drive		
Max. Moving Speed	9000 mm/min		
Max. Working Speed	6000mm/min		
Processor	Double CPUs DSP 100MHZ		
Interface	USB1.1		
Flesh Memory	128M Flash Memory		
Command	G-Code / HPGL-3D		
Operating System	Windows98/2000/XP		
Voltage	AC 220V / AC 110V ±10%		
Power Consumption (Spindle not included)	450W	750W	750W
Spindle	2500W B rushless Air-cooling Spindle With Frequency Inverter		
Spindle Rotating Speed	0~ 18 000 rpm		
Collet	ER20- φ3.175 , φ6 , φ 8		
Weight	460kg	780kg	920kg
Operating Environment	Temperature:+5 °C ~+35 °C ;Humidity:30%~75% ; Air Pressure: 86 ~ 106 Kpa		

Note : 1.Can select AC servo system.

2.Can select vacuum table , dust collector and vacuum pump

## **Model:W1325/W1530/W2030**

Feature:>

- 1.New outline design, annealed and foundry body as a whole, provide a stable platform to ensure the processing precision and smooth.
2. Using the high precision movement unit for 3 axes, X,Y axis with rack and pinion,the import C5 level precision ballscrew on Z axis and the AMT linear guideway.
3. High-precision, high-speed, low noise of the spindle motor, the knife handle root beats less than 0.02mm when the knife is mounted.
4. Victortech latest dual-CPU multi-axis DSP controller, using advanced algorithms to optimize the speed, so the whole machine performance even can match with the one with servo system.
5. 128M flash memory, 512M bytes or 1G can be optional, a real long time to work independently from the computer, saving resources.
6. Can read directly from the USB flash disk, making the engraving machine and the mainframe completely separate and the engraving machine also can work in poor conditions.
7. High-speed USB transmission speed, the actual speed can reach 400K bytes / s, the big file transfer completed quickly.
8. Open software interface to support the standard G code and a variety of CAD / CAM softwares can be compatible.
9. Unique "fixed-point re-engraving" function, it desn't necessary for the user to guess the broken knife type, just move the knife head near to the point of "re-engraving", the system automatically finds the knife type and starts to re-engraving.
10. Batch copy function can make the job processing in order according to the size of the material.
11. Handle controller with multi-languages LCD display ,high-precision automatically ZS sensor, easy to learn and operate, a key to complete the repeat processing.
12. Simulated computer keyboard can be exactly the same operation as the handle keyboard,it will not impact the use even if the handle keyboard is damaged.

13. Widely applied to the woodworker , upholster, advertising signboard , furniture and the other engraving works etc.

Technical Data:>

Model No.	W1325	W1530	W2030
X , Y , Z - Axis Travel	1300×2500 × 180mm	1500×3000×180mm	2000×3000×180mm
Worktable Area	1400×3000mm	1600×3500mm	2100×3500mm
Z Max. feeding Height	200mm		
X , Y , Z -Working Accuracy	±0.02 5 / 300 mm		
X , Y , Z -Repeat Accuracy	±0.0 5 mm		
X , Y , Z -Resolution	0.0 12 5 mm		
Drive System	Step Motor micro-step Subdivision Drive		
Max. Moving Speed	20000 mm/min		
Max. Working Speed	12 000mm/min		
Processor	Double CPUs DSP 100MHZ		
Interface	USB1.1		
Flesh Memory	128M Flash Memory		
Command	G-Code / HPGL-3D		
Operating System	Windows98/2000/XP		
Voltage	AC 220V / AC 110V ±10%		
Power Consumption (Spindle not included)	1800W	1800W	1800W
Spindle	3000W B rushless Air-cooling Spindle With Frequency Inverter		
Spindle Rotating Speed	0~ 24 000 rpm		
Collet	ER20- φ3.175 , φ6 , φ 8		
Weight	1250kg	1450kg	1650kg
Operating Environment	Temperature:+5 °C ~+35 °C ;Humidity:30%~75% ; Air Pressure: 86 ~ 106 Kpa		

Note : 1.Can select AC servo system.

**2. Can select vacuum table, dust collector and vacuum pump.**