

Laser engraving and cutting machine TI-6040	
Laser source	Glass CO2 laser tube sealed (optional RF laser)
Laser power	50W
Effective work area	600 x 400 mm
Max. speed	1500 mm/s
Controller + software	DSP controller system and laser software (laser works)
Motors	Easy servo closed loop system
Cooling system	3000-series passive cooling
Repeatability	< 0.01 mm
Minimum engraving characters	1 x 1 mm
Additional features	Red dot laser pointer, auto focus, air pump or compressor low noise (24 liter) electrical valve for air supply
Laser Beam guiding	3 mirrors Mo, Ø 25 mm, 3 mm thickness
Focus lens	Znse, Ø 20 mm, focus length 38.1 en 63.5 mm
Worktable	Cutting bars, electrical up/down 100 mm
Safety	Door switches, main switch, door locks, emergency stop, laser protection during cooling problems
Communication	USB, Ethernet
Compatible computer system	Windows XP, Vista, 7, 8 and 10
Supported file format	BMP, PLT, DST, DXF en AI
Workable materials	Wood, Acrylic, Plastic, Rubber, Paper, Textile, Stone, etc.
Operation temperature	10 – 45°C
Moisture	5 – 95%
Power usage	Depending on laser power en options. Max 1 kW
Dimensions	1050 (b) x 790 (d) x 550 (h) mm
Warranty	24 months for construction and electronics, 6 months for laser source

