

Fiber laser cutting machine TI-3015F	
Laser source	Fiber laser (standard CW fiber)
Laser power	300W – 2kW
Effective work area	3000 x 1500 mm
Max. speed	500 mm/s
Controller + software	DSP controller system and laser software (laser works)
Motors	Easy servo closed loop system
Cooling system	6000-series active industrial cooling
Repeatability	< 0.05 mm
Life Focus System	The special laser head is controlled by a controller that cooperates with the machine controller. The focus height can be adjusted from 0.5 mm to 5 mm from the metal surface. The height control is automatically controlled by a capacitive sensor. Cutting gas such as oxygen or Nitrogen can be used and is operated by a separate valve during cutting.
Additional features	Auto focus, compressor (24liter), electrical valve for cutting gas
Laser Beam guiding	Fibre cable
Focus lens	Special fiber optics
Worktable	Cutting bars
Safety	Door switches, main switch, on/off key, door locks, emergency stop, laser protection during cooling problems, LFS protection
Communication	USB, Ethernet
Compatible computer system	Windows XP, Vista, 7, 8 and 10
Supported file format	BMP, PLT, DST, DXF en AI
Workable materials	Mild steel, Stainless steel and other metals
Operation temperature	10 – 45°C
Moisture	5 – 95%
Power usage	Depending on laser power en options. Max 10 kW
Dimensions	4000 (b) x 2500 (d) x 1500 (h) mm
Warranty	24 months for construction and electronics, 12 months for fiber laser source

