

<b>Fiber laser cutting machine TI-1510F</b>	
<b>Laser source</b>	Fiber laser (standard CW fiber)
<b>Laser power</b>	300W – 1kW
<b>Effective work area</b>	1500 x 1000 mm
<b>Max. speed</b>	500 mm/s
<b>Controller + software</b>	DSP controller system and laser software (laser works)
<b>Motors</b>	Easy servo closed loop system
<b>Cooling system</b>	6000-series active industrial cooling
<b>Repeatability</b>	< 0.05 mm
<b>Life Focus System</b>	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.
<b>Additional features</b>	Auto focus, compressor (24liter), electrical valve for cutting gas
<b>Laser Beam guiding</b>	Fibre cable
<b>Focus lens</b>	Special fiber optics
<b>Worktable</b>	Cutting bars
<b>Safety</b>	Door switches, main switch, on/off key, door locks, emergency stop, laser protection during cooling problems, LFS protection
<b>Communication</b>	USB, Ethernet
<b>Compatible computer system</b>	Windows XP, Vista, 7, 8 and 10
<b>Supported file format</b>	BMP, PLT, DST, DXF en AI
<b>Workable materials</b>	Mild steel, Stainless steel and other metals
<b>Operation temperature</b>	10 – 45°C
<b>Moisture</b>	5 – 95%
<b>Power usage</b>	Depending on laser power en options. Max 10 kW
<b>Dimensions</b>	2450 (b) x 1700 (d) x 1900 (h) mm
<b>Warranty</b>	24 months for construction and electronics, 12 months for fiber laser source

