laser cutting machine TI-2010S	
Laser source	Glass CO2 laser tube sealed (optional RF laser)
Laser power	150W – 700W
Effective work area	2000 x 1000 mm
Max. speed	1500 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 Systeem	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 (O2) can be used and is operated by a separate valve during cutting.
Additional features	Red dot laser pointer, auto focus, compressor (24liter), electrical valve for air / Oxygen supply
Laser Beam guiding	3 mirrors Mo, Ø 25 mm, 3 mm thickness
Focus lens	Znse, Ø 25 mm, focus length 63.5 mm
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 (organic material can also be cut)
Operation temperature	10 – 45°C
Moisture	5 – 95%
Power usage	Depending on laser power en options. Max 4.5 kW
Dimensions	3100 (b) x 1700 (d) x 1400 (h) mm
Warranty	24 months for construction and electronics, 9 months for laser source