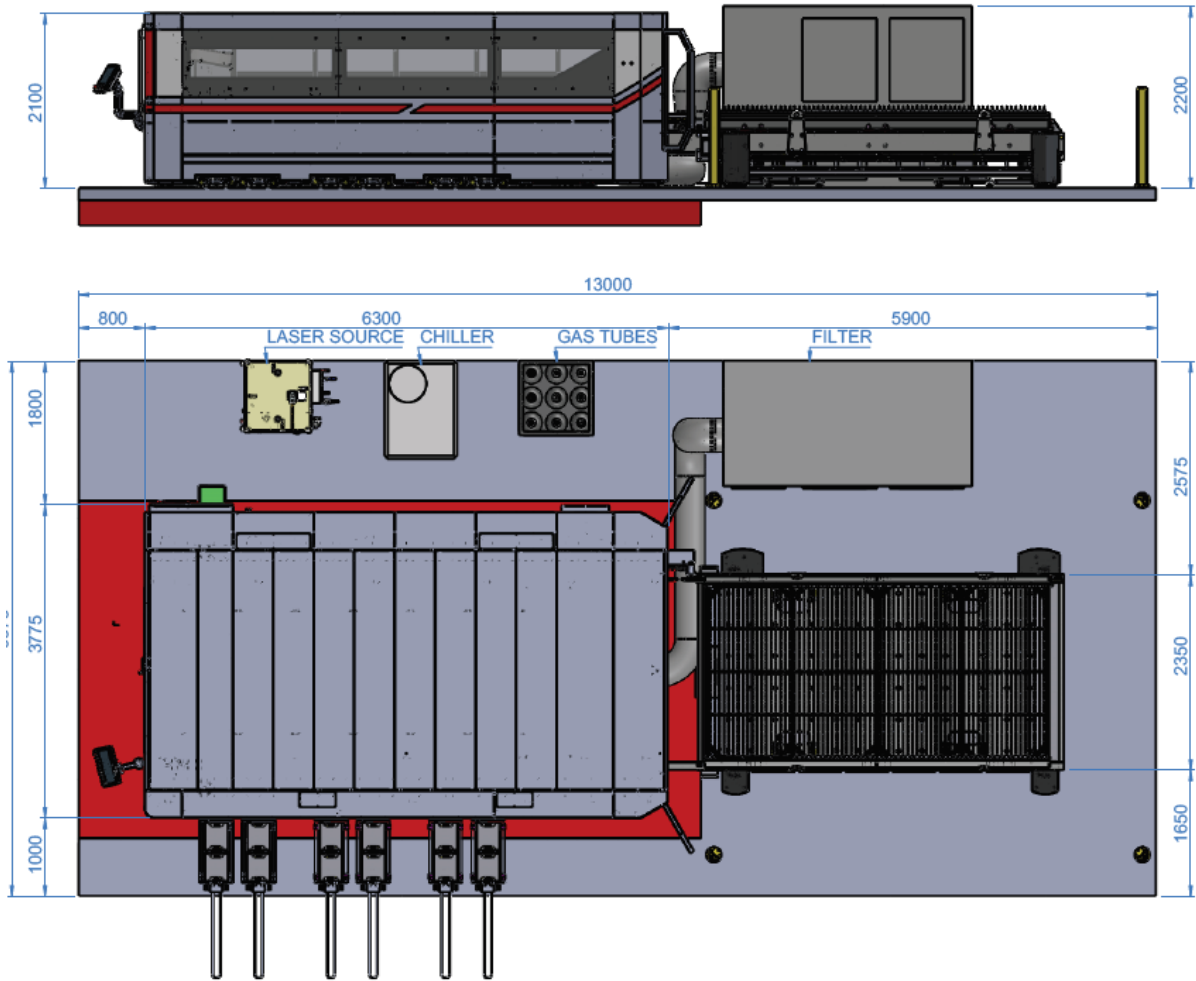




<b>Technical Data</b>		
Working Area	Width	2000 to 4000 mm
	Length	3000 to 15000 mm
Laser Power	6 kW - 15 kW	
Resonator	IPG - nLIGHT - Max Photonics	
Cutting Head	Precitec ProCutter 2.0 (Standard)	
CNC Control Unit	Beckhoff CNC (18.5" TFT - Windows 10)	
Motion System	X Axis Rack and Pinion ( Wittenstein) Y Axis Linear (Bosch Rexroth)	X + Y Axis Linear (Bosch Rexroth)
Motors & Drivers	Beckhoff (Rotary Servo)	Beckhoff (Linear Servo)
Rapid Traverse	115 m/min.	150 m/min.
Vector Speed	165 m/min.	215 m/min.
Acceleration	2.2G (22m/s <sup>2</sup> )	3.0G (30m/s <sup>2</sup> )
Absolute Positioning Accuracy	±0.02 mm	±0.01 mm
Repeatability	±0.02 mm	±0.01 mm
Programmable Feed Rate	Up to 100 m/min.	Up to 125 m/min.
Transfer Table Motorized	Motorized - Automatic Exchange	
Max. Load Capacity	2500 kg for 2000x4000 mm / 3500 kg for 2000x6000 mm	
Nesting Software	LANTEK Expert Cut II or Metalix AutoNest Pro	
Nozzle Cleaning & Calibration	Automatic	
Bevel Cutting Head	Optional	
Automatic Nozzle Changer	Optional	
Fume Extractor	Optional	

**BLS PRO** Fiber Laser Cutting Machine



Material	6 kW	8 kW	10 kW	12kW	15 kW
Mild Steel	25 mm	30 mm	35 mm	40 mm	45 mm
Stainless Steel	16 mm	25 mm	30 mm	35 mm	40 mm
Aluminum	12 mm	25 mm	30 mm	35 mm	40 mm
Copper	8 mm	12 mm	10 mm	15 mm	15 mm
Brass	10 mm	16 mm	16 mm	15 mm	20 mm



\* Material cutting thickness is dependent on many factors including material specifications, condition and machine parameters. All specifications are subject to change.