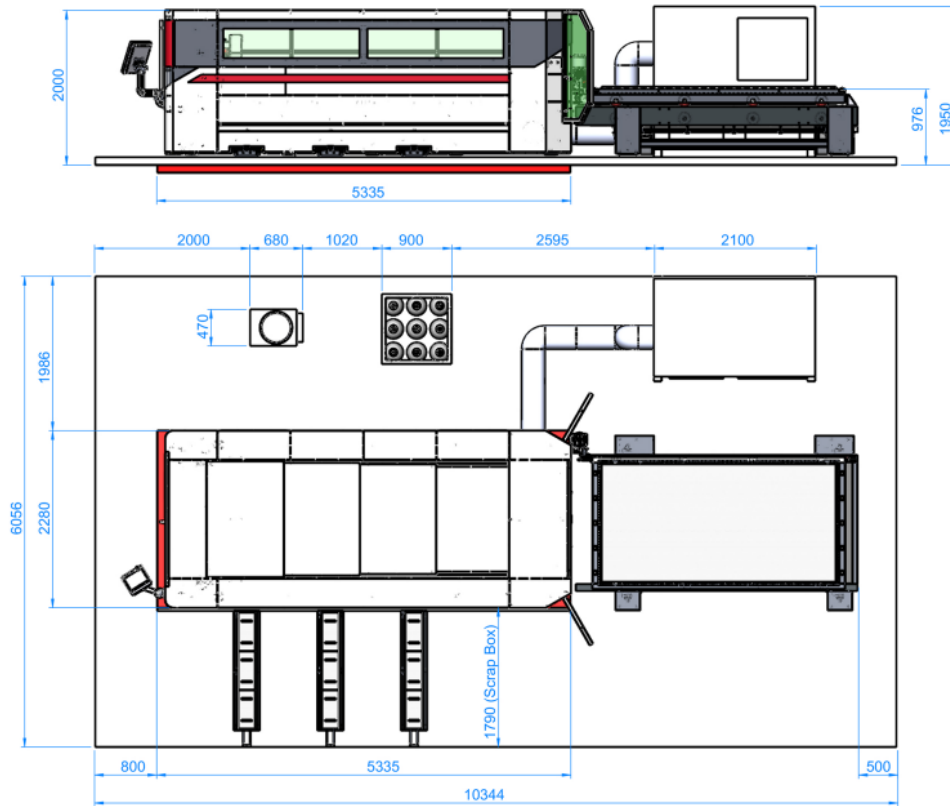


Technical Data

Working Area	Width	1500 mm
	Length	3000 mm
Laser Power	1 kW - 6 kW	
Resonator	IPG- nLIGHT - Max Photonics	
Cutting Head	Precitec ProCutter Thunder (Standard) Precitec ProCutter 2.0 (Optional)	
Motion System	Rack and Pinion (Wittenstein)	
CNC Control Unit	Beckhoff CNC (18.5" TFT-Windows 10)	
Motors & Drivers	Beckhoff (Rotary Servo)	
Rapid Traverse	95 m/min.	
Vector Speed	135 m/min.	
Acceleration	1.8G (18m/s ²)	
Absolute Positioning Accuracy	± 0.03 mm	
Repeatability	± 0.04 mm	
Programmable Feed Rate	Up to 50 m/min.	
Transfer Table Motorized	Motorized - Automatic Exchange	
Max. Load Capacity	1250 kg for Each Table	
Nesting Software	LANTEK Expert Cut II or Metalix AutoNest PRO	
Nozzle Cleaning & Calibration	Automatic	
Automatic Nozzle Changer	Optional	
Fume Extractor	Optional	

BLE PRO Fiber Laser Cutting Machine



Material	1 kW	2 kW	3 kW	4 kW	6 kW
Mild Steel	12 mm	16 mm	20 mm	22 mm	25 mm
Stainless Steel	5 mm	6 mm	8 mm	12 mm	16 mm
Aluminum	3 mm	4 mm	6 mm	10 mm	12 mm
Copper	2 mm	3 mm	3 mm	6 mm	8 mm
Brass	3 mm	4 mm	4 mm	8 mm	10 mm



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