

Technical task for the supply of fiber laser cutting equipment for metal cutting

Technical requirements

№	Parameter	Requirement
1.	Tables size	Not less than 4000x2000 mm
2.	Laser power	Not less than 3 kW
3.	Positioning accuracy	Deviation not more than $\pm 0,05$ mm
4.	Basic equipment	<ul style="list-style-type: none">• CNC system;• cooling system;• filtration system;• nozzle cleaning system;• operator protection system;• compressor with air cleaning and drying;• automatic table exchanger.
5.	Power supply parameters	3-phase alternating current with 400V voltage and 50Hz frequency
6.	Software	<ol style="list-style-type: none">1. Compatibility with majority of CAD and CAM files.2. Opportunity of optimal cutting parts laying out automatically and manually (autonesting and nesting).
7.	Documentation	Equipment maintenance manual, repair guideline with the list of names, of exchangeable details and units codes, electrical, kinematic and other schemes. Language of technical documentation — Latvian or Russian.
8.	Certificates	CE certificate
9.	Delivery, training, launching	Equipment delivery (DDP, address: Ganibu dambis 53, Riga, Latvia, LV-1005, staff training, commissioning and testing works, as well as necessary additional materials (cables etc.) must be included in final price.
10.	Warranty	<ul style="list-style-type: none">• at least 12 months ;• post-warranty support ;• the possibility of replacing parts and components .