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II. CNC Cutting Machines

4). Table CNC laser cutting machines

--RateTech Fiber II



RateTech Fiber II, is fiber laser cutting machine. This machine equip with German CNC controller.

Main technical parameters of RateTech Fiber II

Type	RateTech Fiber II	
Input voltage	AC380V, 50/60Hz	
Input power	7.5KW	
Laser output power	500W, 700W, 1000W, 2000W, 3000W	
Laser type	Fiber laser	
Laser wave length	1064nm	
Effective cutting area	1500*3000mm	2000*6000mm
Repeatability	≤±0.05mm	
Position accuracy	≤±0.04mm	
Min kerf	≤0.12mm	
Cutting speed	0-10000mm/min, 0-18000mm/min	
Rapid speed	50000mm/min	
Cutting thickness	0.2-30mm	
Time rating	24h	
Diver system	Servo driver + reducer	
CNC system	Specialized fiber laser, integrated nest software	
Cutting head	External, manual adjustable focus provides accurate, repeatable focus settings	
Focusing system	Automatic tracking system of stable Z axis	
Cooling	Water cooling	
Machine body	Heat treated load table structure	
Cutting material	Carbon steel, stainless steel, copper alloy, aluminium alloy, etc.	

