

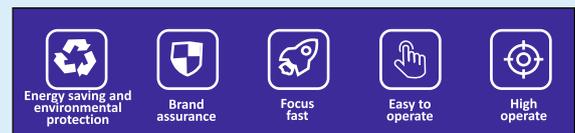


SN Machinery & Tools

SNMT Fiber Laser Cutting Machine



HIGH SPEED MACHINE



FEATURES

1. HIGH PRECISION MACHINE WORKTABLE

The Deviation of worktable levelness is with $\pm 0.01\text{mm}$. So the worktable will be hard to be out of shape during a longer period working

2. HIGH CUTTING ACCELERATION AND PRECISION

Max cutting acceleration for this machine can be to 1.5G, which can ensure the machine cuts corner of turning points very smoothly, higher cutting precision and speed.

3. INTELLIGNET DUST & PARTICLES EXTRACTION SYSTEM

It help to extract the dust and metal particles to protect the laser equipment. This Design can concentrate the extraction power onto the only one working cell to increase the extraction capacity.

4. SOLD MACHINE BODY

Heat treatment to strengthen the intensity and stiffness of base.

Its structure matches industrial machine tool standard with high accuracy and rigidity, and machine mechanical steel has been completely removed during the welding of process of welding and machining.

TECHNICAL PARAMETERS

Model	DM-1530	Accelerated Speed	1.5G
Working Area	1500x3000mm	Positioning Accuracy	±0.02mm/m
Laser cutting control system	CypCut 2000	The Best Running Speed	0-20m/min
Laser Cutting Head	RAYTOOLS Head Auto focus Bm110	The Max Running Speed	60m/min
Laser Device Servo Motor	Raycus/Max	Max Cutting Speed	50m/min (up to material thickness, machine power)
Driver Motor	Taiwan DELTA Servo Moto	Cooling Way	Water Cooling
Driver	Delta	Water tank	1.5P for 1000W 2P for 1500W (Double Temperature Dual Control)
Reducer	Italy Motovario	Applicable material	Stainless Steel/ Galvanized sheet/Carbon steel aluminum and others metal
Transmission	Taiwan SHAC guide rail China Leadrack/Taiwan YYC gear and rack	The whole machine power	1000W-16KW
Lance Lance	USA II-VI	Computer With Original laser Software	Wifi function available
Proportional valve	Japan SMC	Standard accessory	Water chiller, Exhaust Blower, Protective mirro
Solenoid valve	Japan SMC	Power supply	380V/50HZ
Gas	N2-stainless steel or less than 2mm carbon steel aluminum brass O2-carbon steel (cutting with gas is better than cutting with air compressor, but use air compressor, the cost will be lower)		

SAMPLES



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