

Machine Parameters:

Model No.	YT48-Series
Table size	1280*2500mm
Power	1000W
The table moving	Gantry construction
Laser output power	High power axial flow CO2 laser source
X-axis travel-length	1220mm
Y-axis travel-length	2440mm
Cutting speed	90-90m/h
Rapid speed	20m/min
Re-Positioning Precision	≤0.02mm
Cutting width kerf	0.45mm, 0.71mm, 1.05/1.07mm，1.42mm at one time (die board)
Controlling system	Germany PA
Transmission system	Ball screw & Linear guide (TAIWAN)
Driving system	Japan high-precision servo motors
Optical system	US
Moving structure	Gantry
Chiller system	Made in China
Overall dimensions (L x W x H)	4800*2300*2300mm
G. Weight	4200kg
Laser generator gas matched	He, N2, CO2 (99.999%)
Laser cutting thickness	0.1-30mm
Laser cutting thickness	0.1-30mm (plywood, acrylic board, rubber, pvc board, leather, MDF board)
Metal cutting thickness	Carbon steel/Iron steel: 8mm
	Stainless steel: 3mm

Consumption:

Total rated Power	Electricity consumption	consumption (Gas He)	Consumption (Gas N 2)	Consumption (Gas co2)
15KW	15 degree/H	150hours/bottle	150hours/bottle	1bottle/year