

Metal and Nonmetal CO2 Laser Cutters Specification Sheet

A CO2 laser engraving and cutting machine for workshops that cut both metal and non-metal parts in industrial work.

1390 Hybird Laser Cutter

Parameter	Value
Model	WH-1390M
Work Size	1300 x 900 mm
Laser Power	150 W / 180 W / 200 W / 300 W / 500 W / 600 W
Laser Type	CO2 sealed laser tube, 10.6um
Positioning Accuracy	±0.02 mm/m
Max Cutting Speed	20 m/min
Max Cutting Thickness	40 mm (material dependent)
Control System	Ruida control software with offline control
Cooling	Water cooling chiller
Voltage	AC110-220V ±10%, 50-60Hz
Rated Power	<2000 W

CO2 Hybrid Laser Cutting Machine

Parameter	Value
Model	WH1325M
Cutting Size	1300 x 2500 mm
X Axis Travel	1300 mm
Y Axis Travel	2500 mm
Z Axis Travel	40 mm
Laser Power	150 W (220 W / 300 W optional)
Laser Type	Sealed CO2 glass laser tube
Positioning Accuracy	±0.05 mm
Repeatability Accuracy	±0.01 mm
Control System	Ruida control
Driving System	Stepper motor & Leadshine driver
Cooling System	S&A; CW5200 chiller
Power Supply	AC110/220±10%, 50Hz-60Hz
Rated Power	4 kW
Machine Weight	1200 kgs
Machine Dimension	3600 x 1850 x 1300 mm

1390 Tube Laser Cutting Machine

Parameter	Value
Model	WH-1390M
Work Size	1300 x 900 mm
Laser Power	300 W and 80 W
Laser Type	Sealed CO2 laser tube
Wave Length	10.64 μ m
Control System	Ruida 6332m
Max Cutting Speed	10000 mm/min
Repetition Accuracy	$\leq \pm 0.01$ mm
Min Letter Size	Chinese 1.5 mm, English 1 mm
Cooling Mode	Water chiller CW6000
Laser Power Control	0-100% software control
Working Voltage	Single phase 110V/220V, 50-60HZ

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Figures are the published machine data. Options and configurations are confirmed per order.