

Fiber Laser Cutting Machines Specification Sheet

Industrial fiber laser cutting machine for metal sheet processing, built for precision and efficiency.

Glass Laser Cutting Machine

Parameter	Value
Machine Name	Picosecond Laser Glass Cutting Machine
Laser Power	30w 50w 70w
Work Size	500x400mm
Laser Source Wavelength	1064um
Laser Source	Wuhan Huaray laser
Function	Cutting glass
Cutting Speed	0-500mm/s adjustable
Control System Brand	Cypcut
Supported Files	DXF,PLT,DWG
Servo Motor	Yaskawa
Cooling System	Constant temperature water cooling
Machine Structure	Sheet metal welding
Work Table	Marble
Reposition Accuracy	±1.5um
Vacuum Adsorption	Intelligent vacuum constant pressure adsorption system
CCD Vision Positioning Accuracy	±3um

HT Series Enclosure Metal Sheet Tube Fiber Laser Cutter

Parameter	Value
Models	WH-3015HT, WH-4020HT, WH-6020HT
Rated Sheet Size	WH-3015HT: 1500 x 3000 mm; WH-4020HT: 2000 x 4000 mm; WH-6020HT: 2000 x 6000 mm
Machine Tool Travel	WH-3015HT: X 1530 mm, Y 3050 mm; WH-4020HT: X 2030 mm, Y 4050 mm; WH-6020HT: X 2030 mm, Y 6050 mm; Z 100 mm (all)
Max Positioning Speed	80 m/min
Linkage Max Positioning Speed	120 m/min
Max Acceleration	1.5 G
Max Pipe Length	7000 mm
Pipe Diameter Range	WH-3015HT/WH-4020HT: φ20-φ230 mm; WH-6020HT: φ20-φ350 mm
Positioning Accuracy	0.03 mm/m
Repeat Positioning Accuracy	0.02 mm

Parameter	Value
Max Worktable Load	WH-3015HT: 800 kg; WH-4020HT: 1500 kg; WH-6020HT: 2000 kg
Control System	Laser dedicated system with handheld terminal

ET Series Metal Sheet Tube Fiber Laser Cutter

Parameter	Value
Model	WH-3015ET / WH-4020ET / WH-6020ET
Rated Sheet Size	1500 x 3000 mm / 2000 x 4000 mm / 2000 x 6000 mm
Machine Tool Travel	X 1530/2030/2030 mm, Y 3050/4050/6050 mm, Z 100 mm
X/Y Maximum Positioning Speed	80 m/min
Linkage Maximum Positioning Speed	100 m/min
Maximum Acceleration	1.0 G
Maximum Pipe Length	7000 mm
Pipe Diameter	20 to 230 mm or 20 to 350 mm
Positioning Accuracy	0.03 mm/m
Repeat Positioning Accuracy	0.02 mm
Maximum Load of Worktable	800 kg / 1300 kg / 2000 kg
Maximum Speed of Chuck	100 r/min
Operation Terminal	Laser dedicated system and handheld terminal

T Series Metal Tube & Pipe Fiber Laser Cutter

Parameter	Value
Model	WH-6020T / WH-6035T
Maximum Length of Pipe	7000 mm
Pipe Diameter	φ20-φ230 mm (WH-6020T) / φ20-φ350 mm (WH-6035T)
Maximum Positioning Speed	100 m/min
Maximum Speed of Chuck	100 r/min
Maximum Acceleration	1G
Positioning Accuracy	0.03 mm/m
Repeat Positioning Accuracy	0.02 mm
Maximum Load of Worktable	300 kg (WH-6020T) / 1000 kg (WH-6035T)
Operation Terminal	Laser dedicated system with handheld terminal

Full Enclosure Fiber Laser Cutter With Exchange Table

Parameter	Value
Model	WH-3015H / WH-4020H / WH-6020H / WH-6025H
Rated Sheet Size	1500 x 3000 mm / 2000 x 4000 mm / 2000 x 6000 mm / 2500 x 6000 mm
Machine Tool Travel	X 1530 / 2030 / 2030 / 2530 mm, Y 3050 / 4050 / 6050 / 6050 mm, Z 260 mm
X/Y Axis Maximum Positioning Speed	100
Linkage Maximum Positioning Speed	150 m/min
Maximum Acceleration	1.5 G
Positioning Accuracy	0.03 mm/m
Repeat Positioning Accuracy	0.02 mm
Maximum Load of Worktable	800 kg / 1500 kg / 2100 kg / 2700 kg
Operation Terminal	Laser dedicated system and handheld terminal

3015A Fiber Laser Cutter With Exchange Table

Parameter	Value
Model	WH-3015A
Rated Sheet Size	1500 x 3000 mm
Machine Tool Travel	X 1530 mm, Y 3050 mm, Z 260 mm
X/Y Maximum Positioning Speed	100 m/min
Linkage Maximum Positioning Speed	130 m/min
Max Acceleration	1.2 G
Positioning Accuracy	0.03 mm/m

Parameter	Value
Repeat Positioning Accuracy	0.02 mm
Max Load of Worktable	800 kg
Laser Head	Raytools auto-focus

3015 E 3000w Fiber Laser Cutting Machine

Parameter	Value
Model	WH-3015E
Rated Sheet Size	1500 x 3000 mm
Machine Tool Travel	X 1530 mm, Y 3050 mm, Z 110 mm
Laser Power	1500 W / 2000 W / 3000 W
Power Adjustment Range	300 to 3000 W
Max Cutting Thickness Carbon Steel	14 mm
Max Cutting Thickness Stainless Steel	6 mm
Max Cutting Thickness Aluminium Alloy	5 mm
X/Y Maximum Positioning Speed	90 m/min
Linkage Maximum Positioning Speed	132 m/min
Max Acceleration	1.4 G
Positioning Accuracy	0.03 mm
Repeat Positioning Accuracy	0.01 mm
Max Load of Worktable	800 kg
Laser Head	Raytools auto-focus

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