

Laser Marking Machines Specification Sheet

Fiber laser marking machines for permanent identification on metal and select non-metals without consumables, designed for workshops needing fast and precise serial numbers, logos and barcodes.

Glass Laser Sandblasting Machine

Parameter	Value
Model	WH-F1325 / WH-F1530
Working Area	1300 x 2500 mm / 1500 x 3000 mm
Laser Power	50W / 60W / 80W / 100W / 200W
Laser Source Lifetime	80000-100000 hours
Laser Wavelength	1064nm
Marking Scope	100*100-200*200mm (Splicing engraving)
Power Stability (Average)	<=1%rms
Power Stability (Peak)	<=5%rms
Frequency Range	20Hz-2000Hz
Beam Quality	M2<1.2
Working Focal Length	163±2mm (110*110MM) / 295±2mm (215*215mm)
Marking Line Speed	<=7000mm/s
Z-Axis Lift	Up to 150mm
Control Switch	France Schneider Electric
Guide Brand	Taiwan HIWIN
Electronic Control System	Taiwan MEAN WELL

Portable Laser Marking Machine

Parameter	Value
Model	WHF-20W / WHF-30W
Machine material	Sandblasted anodized all-aluminum construction
Laser source	Fiber laser
Laser wavelength	1064 nm
Actual output power	At least 20W for WHF-20W and at least 30W for WHF-30W
Marking speed	Up to 12000 mm/s
Control system	8-inch touch controller
Cooling system	Normal temperature air cooling
Minimum line width	0.0012 mm
Repeatability	0.003 mm
Marking range	75 mm by 75 mm or 120 mm by 75 mm or customized

Parameter	Value
Targeting	Red light indication
Number of lines of characters to be engraved	Any row within the marking range
Software	Multi-lingual English French Spanish German Chinese Russian Arabic and others
Administrative permissions	Multi-user management permissions
Operating system	Linux system

UV Laser Marking Machine

Parameter	Value
Model	WH-5W
Laser Power	5 W
Laser Source	JPT laser
Laser Wavelength	355 nm
Beam Quality	M2 <1.2
Frequency	20 KHZ-200 KHZ
Cooling System	Water cooling
Marking Scope	150 mm x 150 mm
Marking Scope Optional	110 mm x 110 mm, 175 mm x 175 mm, 200 mm x 200 mm, 300 mm x 300 mm
Minimum Line Width	0.01 mm
Marking Speed	<10000 mm/s
Minimum Height Of Characters	0.2 mm
Max Marking Depth	0.1 mm
Re Position Precision	±0.003 mm
File Format Supported	PLT, JPG, BMP, PNG, DXF etc
Rated Power Of Whole Machine	500 W

30W Fiber Laser Marking Machine

Parameter	Value
Laser Power	20 W / 30 W / 50 W
Power Supply	AC 110 V/220 V 50 Hz/60 Hz
Laser Wavelength	1064 nm $\pm$ 1 nm
Marking Frequency	20-80 kHz
Reposition Precision	$\pm$ 0.003 mm
Minimum Line Width	0.02 mm
Marking Depth	0.001-0.2 mm / 0.001-1 mm
Marking Speed	7000 mm/s
Minimum Character Height	0.2 mm
Standard Marking Scope	110 x 110 mm / 150 x 150 mm / 175 x 175 mm
Optional Marking Scope	200 x 200 mm / 300 x 300 mm
Rated Power of Whole Machine	500 W
Cooling System	Air cooling
Software	Beijing EZCAD
Machine Dimension	92 x 80 x 138 cm
Z Axis Height	470 mm

30w Handheld Laser Marking Machine

Parameter	Value
Model	WH-30H
Output Laser Power	30 W
Laser Generator	Fiber Laser
Laser Wavelength	1064 nm
Marking Scope	110 mm x 110 mm, 150 mm x 150 mm
Marking Speed	$\leq$ 7000 mm/s
Minimum Character	0.1 mm
Minimum Line Width	0.01 mm
Repeatability Accuracy	$\pm$ 0.003 mm
Cooling System	Air Cooling
Power Supply	AC 110/220 V 50 Hz/60 Hz

30W CCD Laser Marking Machine

Parameter	Value
Laser Power	30W / 50W
Laser Source	Fiber laser source
Wavelength	1064nm
Work Size	100*100mm - 300*300mm (Option)
Working Voltage	0.5KW / AC220V / 50Hz (Option)
Lifting Pillar	500mm (Customize)
Cooling System	Air Cooling
Power Range	1% - 100%
Minimum Character	0.2mm
Minimum Line Width	0.01mm
Repeatability Accuracy	0.003mm
Resolution	0.001mm
Marking Speed	0 - 7000mm/s
Laser Modulation Frequency	20kHz ~ 80kHz
CCD Camera	Yes, Industrial camera

30W Mopa Laser Marking Machine

Parameter	Value
Laser Power	30 W
Laser Source	JPT Mopa M7 series
Galvo Head	Beijing Sino SG7110
Software	Beijing EZCAD
Laser Wavelength	1064 nm $\pm$ 1 nm
Pulse Repetition Rate	1 ~ 4000 kHz
Reposition Precision	$\pm$ 0.003 mm
Minimum Line Width	0.02 mm
Minimum Characters	0.2 mm
Marking Speed	7000 mm/s
Marking Depth	0.001-0.2 mm / 0.001-1 mm
Marking Scope	110x110 mm / 150x150 mm / 175x175 mm
Other Marking Scope	200x200 mm / 300x300 mm
Z Axis Height	470 mm
Power Supply	AC 110V/220V 50Hz/60Hz
Rated Power	500 W

CO2 Laser Marking Machine

Parameter	Value
Model	WH-30C / WH-60C / WH-100C
Laser Power	30w / 60w / 100w
Laser Brand	Beijing DAVI Laser
Laser Wavelength	10.64um
Galvo Head	Beijing Sino
Control System	EZCAD
Marking Scope	110x110mm, 150x150mm, 175x175mm, 200x200mm
Min Line Width	0.1mm
Min Character Height	0.2mm
Max Marking Depth	0.01-0.2mm
Reposition Precision	$\pm$ 0.003mm
Marking Speed	$\leq$ 7000mm/s
Rated Power	500w
Cooling Way	Air cooling
Machine Weight	85KG

Parameter	Value
Machine Dimension	800*600*140mm

Desktop fiber laser marking machine

Parameter	Value
Model	WH-30
Laser Type	Fiber laser
Laser Power	30 W
Laser Source Brand	Raycus
Laser Source Lifetime	100,000 hours
Marking Scope	110 x 110 mm to 300 x 300 mm
Marking Speed	7000 mm/s
Minimum Line Width	0.01 mm
Etching Depth	0.01 to 1 mm
Software	Beijing EZCAD
Power Voltage	AC110 / AC220V $\pm 10\%$ / 50Hz / 60Hz / 4A
Control Interface	Standard USB port
Machine Size	70 x 60 x 145 cm
Package Dimension	88 x 81 x 110 cm
Net Weight	70 kg
Gross Weight	85 kg

Portable Fiber Laser Marking Machine

Parameter	Value
Laser Type	Fiber laser
Laser Power	20W/30W/50W/100W
Marking Area	100*100mm/200*200mm/300*300mm
Marking Line Width	0.01-0.1mm
Marking Depth	0.01-2mm (depending on material)
Working Voltage	220v/50Hz
Cooling Way	Air cooling
Warranty	3 Years (includes parts & laser power)

Desktop fiber laser marker

Parameter	Value
Laser Type	MOPA Fiber Laser
Laser Source	China Raycus
Galvo Head	Beijing SINO
Laser Power	20 W / 30 W / 60 W
Wavelength	1064 nm
Modulation Frequency	20 kHz ~ 200 kHz
Marking Speed	7000 mm/s
Repeatable Accuracy	0.001 mm
Marking Area	110 mm x 100 mm
Min Line Width	0.01 mm
Min Letter Height	0.2 mm
Spot Diameter	0.025 mm
Cooling System	Air Cooling
Working Voltage	110 V / 220 V, 50/60 Hz
Unit Power	< 0.5 kW

Mini laser marking machine

Parameter	Value
Model	WH-F20
Laser Type	Fiber laser
Laser Power	20 W / 30 W / 50 W
Work Size	100 x 100 mm

Parameter	Value
Software	Beijing JCZ
File Formats	AI, BMP, PLT, DXF
Marking Line Width	0.01 mm - 0.1 mm
Marking Depth	0.01 - 2 mm
Voltage	AC110/220V, 50Hz/60Hz
Cooling Way	Air cooling
Power Consumption	0.5 KW/Hour
Package Size	92 x 46 x 55 cm
Laser Source	China Raycus
Galvo Head	Beijing SINO

Fiber laser marking machine

Parameter	Value
Model	WH-P20
Laser Type	Fiber laser
Laser Power	20 W / 30 W
Marking Size	100 x 100 mm
Software	Beijing JCZ
File Supported	PLT, BMP, AI
Marking Line Width	0.01-0.1 mm
Marking Depth	0.01-2 mm
Cooling Way	Air cooling
Working Voltage	AC110/220v 50hz/60hz
Laser Source	China Raycus
Galvo Head	Beijing SINO

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