



20W Fiber Laser Marking Machine MAX Source

Parameters

Model	RL-20PS
Laser power	20W/30W50W
Supports graphical format	PLT, BMP, JPG, PNG, TIP, PCX, TGA, ICO, DXF
Beam quality	m2 <2
Power stability	(8h) <± 1% rms
Pulse repetition frequency	20KHZ ---- 100KHZ
Power consumed	<800W
Minimum line width	50µm
Minimum character	0.3mm
Laser Wavelength	1064nm
Galvanometer Size	110 * 110mm (optional)
Whole machine power	500w
Cooling way	Air cooling
Operating voltage	110/220V ± 10% /,50/60HZ
Ambient operating temperature	15 ° C - 35 ° C
Weight	80KG
Dimensions	600H * 200W * 700L (mm)
Packing	Wooden case

Advantages

1. The fiber laser generator is high integrated, has superior laser beam and uniform power density. Output laser power is stable. This design highly increase the machine's anti-reflection ability with optical isolator, be able to mark on most high reflective materials such as aluminum, copper, gold and silver without the shadow and virtual open

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phenomenon.



2. Adopts advanced digital high speed scanning galvanometer, quick speed without deviation, small volume, good stability, and performance reached the international advanced level.

3. Modular design, separate laser generator and lifter, more flexible, can mark on bigger area and complicated surface. Air-cooled inside, small occupation, easy to install.

4. Adopt the embedded operating system, which the performance is leading domestic peers, good touch interface and powerful control system, can meet the demand of most industry application process in market.

5. High efficiency for photoelectric conversion, simple operation, Compact in structure, support harsh working environment, no consumables.

Details

	<p>Laser Source Radio frequency tube laser source with high laser energy, fine laser path, low fault rate.</p>
<p>High-speed Digital Galvanometer Scanning System High speed scanning galvanometer with Germany SCANLAAB technology, with fast marking speed, digital signal, high precision.</p>	

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F-Theta Lens

Singapore RONAR-SMITH F-theta lens, very fine focusing, we have 110mm*110mm, 175mm*175mm, 200mm*200mm, 300mm*300mm marking area for optional.

Control Board & Control Software

Famous brand original EZCAD control system with high stability and easy operation, good performance.



Control Button

Humanized control system, easy to operate, dust proof design

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Lifting Handle

To rotate the handle to adjust the height to get focus of laser as per the work piece. It is for 500mm height adjustable.



2D/3D Working Table (Optional)

The working table can be adjusted as to and for up and down, front and behind. Total 6 direction moving. User can adjust the direction as per actual request. It is optional parts.

Rotary Device (Optional)

For round or arc workpiece marking, matched with adjustable-speed motor.



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Certification



Packaging



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