



XF20 Jet Fiber Laser Marking Machine



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I . Introduction:

XF20 is a small, lightweight, powerful and affordable fiber laser marking machine. It can make a permanently mark on a wide range, and can be used on an assembly line marking. The marking quality of XF20 is beautiful and high contrast.



Key Benefits:

- ◆ Equipped with tablet personal computer, ease for operation.
- ◆ Permits remote operation by WIFI.
- ◆ Wide range of application, beautiful and high contrast of marking quality.
- ◆ Lightweight, easy to install.
- ◆ Laser life is about 100,000hrs. Saving the cost.

Substrate suitability:

Stainless steel; iron; aluminum; plastic;
PVC; PC; PE; jewels; paper; anodized
and coated material etc.



II. Quote

Product Name	Model	Quantity	Unit	Price
XF20 Jet Fiber Laser Marking Machine	XF20	1	set	

III. Technical Parameters

Model		XF20
Project		
Machine Features	Equipment material	aluminum
	Laser type	fiber laser
	Continuous output power	≥20W
	Central wavelength	1064um
	Scan head	high precision,2D scan system
	Marking speed	30,000mm/s
	Host computer	inside highly compact PC
	Operating system	Windows7
	Cooling mode	fan cooling
Parameters of marking	Focusing lens	standard:160mm
	Marking type	lattice and vectorgraph
	Minimum line width	0.015mm
	Repositioning accuracy	0.003mm
	Scan volume	110mm×110mm (Optional)
	Positioning method	red light positioning, red light preview
	Marking lines	no limited within scan volume
	Fonts	simple Chinese, traditional Chinese, English

Support Type	File format	Dxf,dwg,plt,cnc,gbr,xml,ai,rtl,pas,eps,bmp,cmpcal,clp,cu r,emf,fpx,ico,wmf,psd,png,jpg,tif,tga,pcx,dst
	Barcode	data matrix(ECC 000~140,ECC200),PDF417, maxi code,PDF417 truncated, micro pdf417, Aztec code
Parameters	Power supply	220V
	Power consumption	400W
	N.W	17.5KG
	G.W	21KG
	Package dimensions	83*58*25cm,
Environment		Operating temperature 0°C - 45°C, Operating humidity ≤90%, Noncondensing, No vibration

IV. Configuration Table

No.	Subsystem	Component	XF20	Quantity
1	Scan head	Beam Expanders	1064	1piece
		High-speed scanning galvanometer		1set
		Field lens	110*110	1piece
2	Laser device	Fiber laser device	20W	1set
3	Red light positioning system			1set
4	Computer & software	Marking software	tablet personal computer APP , WIN7	1set
5	Power supply	Power switch		1set
6	Trestle		Length*weight*high: 34*21*53cm	1set

7	Foot pedal	Foot pedal switch		1set
8	Protective goggles			1 pair

Note : The above configuration is standardly. It' s changeable according to customer requirements. If the price is different, negotiation is available.

Any questions, please feel free to contact us. Thank you!

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