

HAND HELD LASER MARKING MACHINE



TECHNICAL SPECIFICATIONS

Software	English system
Cooling type	Air cooling
Laser type	Fiber laser
Laser power	20W,30W,50W
Laser wavelength	1064nm
Minimum font	0.15mm
Repetition accuracy	0.002mm
Working voltage	220V±10% 50/60H
Machine net weight	20KG
Machine gross weight	30KG
Whole machine power	Less than 500W
Marking area	300*300mm

IMPLEMENTED QUALITY STANDARD

Serial number	Name
GB7247-87	Radiation Safety of Laser Products, Equipment Classification Needs and User Guidelines
GB10320-88	Electrical safety of laser equipment and facilities
ISO9000-3	International software standards
GB/T12123-89	sales packaging process
IEC 536	Classification of electric shock protection for electrical and electronic equipment

MAIN CONFIGURATION

SR No.	Subsystem name	Brand	Model	Qty.	Origin
1.	Laser	Wuhan Ruike	D20/30/50	1	PRC -Wuxi
2.	Galvanometer	Shenzhen Zhibotek	ZB2D10C1064	1	Shenzhen, PRC
3.	Field lens	Shenzhen Crystal Lattice	JGZL1-1064-160-110	1	Shenzhen, PRC
4.	Power supply	Taiwan MEAN WELL	S150-24W	1	Taiwan, PRC
5.	Software control system	Shenyang Baichuang	8 built-in control panel	1	PRC -Shenyang
6.	Battery (optional)	Piccolo	12000mA	1	PRC-Zhengzhou
7.	Filter	Taiwan YUNSANDA	CW2B-10A	1	Taiwan, PRC



Adding a synchronizer for flow marking in the pipe industry



Inside display of equipment packaging box



Additional equipment packaging box

TECHNICAL PARAMETER

Project	Product parameter table	CX-20GP	CX-30GP	CX-50GP	
Overall machine characteristics	Machine material	Sandblasted anodized all-aluminum construction			
	Laser	The service life of the fiber laser generator is more than 100,000 hours			
	Laser wavelength	1064nm			
	Actual output power	≥20W	≥30W	≥50W	
	Marking speed	≤12000mm/s			
	Master control	8-inch touch controller			
	Cooling system	Normal temperature air cooling			
	Minimum linewidth	0.0012mm			
	Repeatability	0.003mm			
	Marking range	75mm×75mm or 120×75mm (or customized)			
	Targeting	Red light indication			
	Number of lines of characters to be engraved	Any row within the marking range			
	Production line speed	0~130m/min (depending on the material)			
	Software introduction	multi-lingual	English, French, Spanish, German, Chinese, Russian, Arabic, etc.		
Administrative permissions		Multi-user management permissions			
Operating system		Linux system			
Coding mode		Three printing modes: static, simulation and encoder			
Reserved signal		Start printing, printing status, printing completed, fault alarm			
Data protection		With power-off data protection function			
Missed dose monitoring		Provides over speed alarm function due to false triggering due to material reflection			
go to intersection		Automatically remove intersection points and avoid key points of intersection			
Coding software		Can realize single and double machine code sending			
font		Chinese, English, digital, traditional and other standard fonts			
Support type	file format	BMP/DXF/HPGL/JPEG/PLT			
	barcode	CODE39, CODE128, CODE126, QR, Zhenzhi code (optional)			
	Maintenance parameters	Power supply	Standard configuration: external power supply 220V/50HZ		
		Power consumption	200W		
Environment	Machine net weight	Chassis: 7kg, machine head: 1.25kg, total weight after packaging: 8.25kg			
	Dimensions	Chassis: 312 * 237.8 * 185mm, machine head: 245 * 98.7 * 189 mm, packaging box: 510 * 325 * 41mm			
	Battery life	Optional: Built-in battery: 12000mA, normal use time 12-16 hours			
	Require	External temperature 0°C-45°C; Humidity ≤95%; Non-condensing; No vibration			