Shenzhen FLS Laser Technology Co.,Ltd

10W Fiber Pulsed
Laser Marking Machine

FLS Laser Marking Machine —— FLS-500D

Applicable scene	Mainly used for integrated laser marking of automatic production line
Content that can be marked	Date code, serial number, pipeline code, Chinese and English characters, bar code, two-dimensional code, logo, etc
Application product	chip

Parameter

Laser wavelength/nm	1064nm
Laser output power/W	10W
Input power/V	AC220V
Rated power of the whole machine	≤300W，without PC
communication mode	DB15 Male connector（IO Mode）+ RJ45
Size/mm	380mm*100mm*283mm
Weight /kg	7.6kg （laser host only）
Marking speed mm/s	500~7000mm/s
Maximum speed mm/s	7000mm/s
Standard marking range	50x50mm (F100)
Minimum character/mm	0.3mm
line width/um	40~100um（Depends on the material）
Power adjustable range/%	10~100%
Repeat positioning accuracy/%	0.01%
Supported file format	PLT、DWG、DXF

Configuration

Laser	FLS Laser
Galvanometer	Independently developed high-speed digital galvanometer, wave-optics lens
24V switching power supply	LM350-10B24
Control system	Self-developed Win XP/Win 7/Win 10-based system

Accessory (optional)

PC	Toplong 4U, dual-core 2.6G, solid state drive, 2G memory

Function (optional)

Scan the barcode of the work order to retrieve the document	Users can use the barcode gun to scan the barcode of the work order, and the laser software automatically calls the document on the local computer or the network server, automatically downloads the document and runs ※This function requires the use of a barcode gun
Connect with customer's ERP or MES system	Customized development according to customer needs

Environment

Environment temperature/℃	5℃-38℃
Environment humidity/%	40-90%

Dimensions

仰视图