

KLFN20
KLFN30
KLFN50
KLFN100

LASER FIBER MACHINE

COMPACT SIZE
EASY TO HANDLE
GREAT PERFORMANCE



Plastic



Aluminum



Wood

WIDELY USED

EFFICIENT STABLE FLEXIBLE



Leather



Crystal



Metal



THE ONLY MANUFACTURER TO OFFER



**NO CONSUMABLES
MAINTENANCE FREE
EASY TO OPERATE**

FIBER LASER



Specifications

	KLFN20	KLFN30	KLFN50	KLFN100
Model	KLFN20	KLFN30	KLFN50	KLFN100
Laser Type	Fiber Laser			
Wavelength	1064 nm			
Laser Power	20W 30W 50W 100W			
Positioning Mode	Automatic focus with red light, positioning and preview			
Marking Speed	Depends on the size and content of the text to be marked Material complexity influences the result			
Number of Lines	Unlimited			
Character Height	0.6 mm maximum engraving range			
Minimum Line Width	0.02 mm			
Marking Surface Distance	0.01 mm			
Languages	Spanish, English, French, German, Italian, Japanese, and others			
Typography	Windows environment for Spanish and English			
File Format	JPG, BMP, PNG, DXF, DWG, PLT, AI			
Barcode / QR Code	EAN8, EAN13, CODE 39, CODE 128, GS1-128			
Coding Range	Standard (110 x 110), optional (50-300)			
Galvanometer	High precision 2D digital scanning system			
Controller	10.1-inch color industrial touch screen			
Operating System	Embedded secure Linux operating system			
Cooling System	Air cooling			
Host (Length x Width x Height)	585 mm x 160 mm x 189 mm			
IP Protection Level	IP43			
Production Line Speed	Controlled with or without encoder with phase A and B			
User Interface	Photoelectric signal, encoder signal, alarm signal, I/O (NPN, PNP, switch-type signal), RS232 communication, multiple inputs/outputs			
Input Voltage	100 V – 240 V / 50–60 Hz			
Total Power Consumption	≤ 600 W			
Laser Material	Aluminum alloy			
Laser Controller Material	Aluminum alloy			
Operating Temperature and Humidity	External temperature 0 – 45, humidity ≤ 95%; No condensation; No vibration			
Laser Lifespan	100,000 hours of beam life			
Main Sectors That Require Laser Printers	Metal sector, Sanitary and medical sector, Cosmetic sector, Machinery manufacturers, Watch-makers, Auto parts, Electronic hardware, And others with high-quality marking requirements			
Dimensions (L x W x H)	790 mm x 380 mm x 310 mm			
Gross Weight	18 kg			
Support Dimensions (L x W x H)	1390 mm x 480 mm x 275 mm			
Gross Weight	30 kg			