



# KLFP18 | KLFP23

## LASER FIBER MACHINE



The KLFP18 and KLFP23 portable fibre printers are small, lightweight, easy to transport and manufactured with military grade components, they can be installed on any type of application thanks to the variety of mounting brackets available for this series of printers. The 10.1 inch colour touch screen makes data entry highly visible, thanks to a powerful and easy-to-use interface that improves day-to-day operability. A wide variety of substrates or products can be marked such as metals, stainless steel, computer parts, industrial bearings, sanitary ware, medical equipment, eyeglasses, watches, automotive parts, electronic and communication products, aerospace devices, pipes, plastics, etc. ....



Electronic product



Cosmetic packaging

The lifetime of this printer exceeds 100,000 beam hours.

These printers have the capability of static and dynamic marking which is unique in the market.

## WIDELY USED

EFFICIENT STABLE FLEXIBLE



Crystal



Plastic

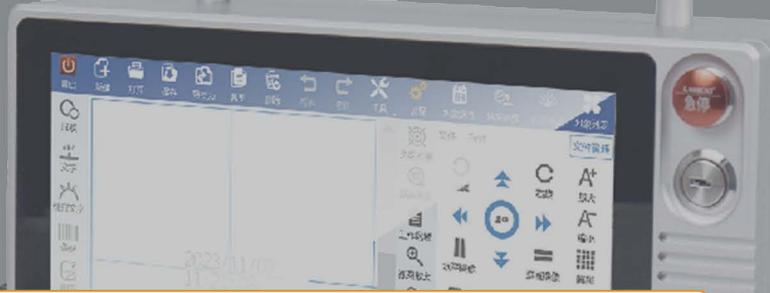


THE ONLY MANUFACTURER TO OFFER



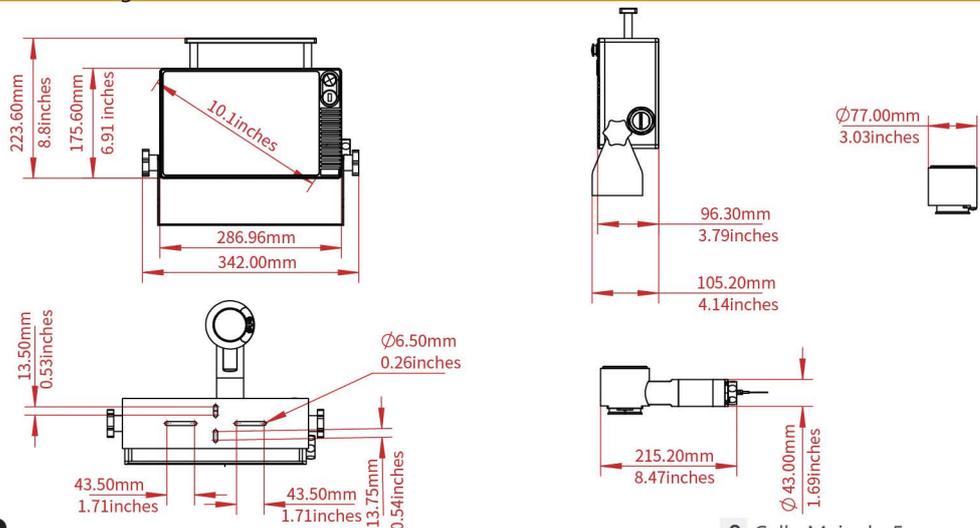
**NO CONSUMABLES  
MAINTENANCE FREE  
EASY TO OPERATE**

**KLFP18 | KLFP23**



**Machine Parameters**

Model	<b>KLFP18   KLFP23</b>
Laser type	Fiber Laser
Laser wavelength	1064nm
Laser power	18W   23W
Positioning method	Automatic red light positioning, focusing, preview
Marking speed	Depends on the size and complexity of the surface material and the marking content;
Number of marking lines	Unlimited
Character height	0.6 to maximum engraving range
Language	English, Simplified Chinese, Traditional Chinese, Korean, Japanese, Russian, Spanish, Persian and other languages.
Graphic format	JPG, BMP, PNG. PLT, DXF, DOT.etc.
Other Data Formats	Support a variety of variable formats (date, time, serial number, random number, VIN code, file data, communication receiving data, scanning gun data, etc), support one-dimensional code and two-dimensional code, arc text, etc
Marking range	Standard (100x100), optional (30x30)/(50x50)
Galvanometer scanning head	High-precision 2D digital scanning system
Controller	10.1-inch color display, industrial touch screen
Operating system	Embedded Linux security operating system
Cooling system	Air cooling
Host (L x W x H)	342mm x 105.2mm x 223.6mm (including bracket)
Protection level	IP43
Product speed monitoring	Support AB phase encoder
User interface	Photoelectric signal, encoder signal, alarm signal, I/O (NPN, PNP, switch type sensor), RS232 communication, etc.
Power requirements	100V-240V/50-60HZ
Machine power	<150W
Material	Aluminum alloy
Operating temperature and humidity	External temperature 0°C-45°C Humidity 95%; non-condensing; no vibration
Laser life	reach up to 100,000 hours
Packing size (L x W x H)	640mm x 400mm x 310mm
Machine gross weight (kg)	11.3kg



**Printers for marking and industrial coding.**

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