

## FIBER LASER MARKING MACHINE



**Overview:** Our Fiber Laser Marking Machine is a versatile solution suitable for various industries, including gold & silver jewelry, sanitary ware, food packaging, tobacco products, medicine packing, medical apparatus and instruments, watches & glassware, auto accessories, and electronic hardware.

**Applicable Materials:** Capable of marking on gold, silver, stainless steel, ceramics, plastic, glass, stone, leather, cloth, bamboo, and more. Specifically designed for marking auto accessories, tobacco products, beer bottles, rings, and electronic products.

TKS Industries offers the below three variants:

**20w Fiber Laser Marking Machine**

**30w Fiber Laser Marking Machine**

**50w Fiber Laser Marking Machine**

### Key Features:

- Long Working Life (100000 Hours) with High speed with the galvanometer.
- Small volume, lightweight
- Low power, consumption power is less than 500w
- Completely air cooling, low energy
- No influence of the severe environment and temperature change. If no power, battery and car cigarette lighter can be used for working.
- Greatly reduce the depreciation cost, satisfying customers' stable large-quality produce.
- It will mark a clean and colorful graph on the surface of your materials.



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### TECHNICAL SPECIFICATIONS AND PARAMETERS

Laser Module	MAX
Laser Power	20W/30W/50W
Wavelength	1060nm
Beam Quality	$m^2 < 1.5$
Laser Repeat Frequency	$\leq 100$ kHz
Standard Marking Scope	110*110mm/200*200mm/300*300mm
Optional Marking Scope	50×50 100×100, 150×150(mm), 150×150(mm)
Marking Depth	$\leq 1.2$ mm
Marking Speed	$\leq 12000$ mm/s
Minimum Line Width	0.01mm
Minimum Character	0.05mm
Repeated Accuracy	$\pm 0.001$ mm
Consumption Power	$\leq 500$ W
Power Supply	220V/50Hz/10A