

Kahan

Laser engraver, cutter and marker

KH-20 Fiber Laser Marking Machine

Kahan

LASER



► **Outstanding Quality**

► **Perpetual Innovation**

► **Satisfying Service**

<http://www.kahanlaser.com>

KH-20 Main Technical Parameter

▶ Model	KH-20 fiber laser marking machine
▶ Laser-type	Fiber laser
▶ Laser-power	20W/30W/50W
▶ Marking size	100*100mm/200*200mm/300*300mm
▶ Laser wavelength	1060nm
▶ Max. scanning speed	8000nm/s
▶ Max. marking speed	7000nm/s
▶ RMin. letter	0.2mm
▶ Min line width	0.01mm
▶ Certification	CE
▶ Warranty	2 Years

The Product Features

- Imported high speed galvo scanner. (China brand optional)
- High precision with repetition as tiny as 0.2mm.
- Fiber laser marking machine can make deep marking up to 1.0mm on stainless steel.
- Fast marking speed.
- Simple and convenient operation. Easy to learn and handle.
- Create intelligent designs.
- Stable structure, little vibration during work.
- For different marking requirement, we have four type for you.
- Adopting Air Cooling.
- Run without maintenance.
- No consumables: Fiber laser machine can be used for 8-10 years without any consumables.
- Low power consumption: low cost, only 0.5kw per hour.
- Perfect performance, 24 hours continuous working ability.
- Long working life.
- For long-term consideration, the cost is much lower than other laser marking machine.

Configuration details

▶ Laser source	Raycus / IPG / Super / CAS Laser
▶ Scanning galvanometer	Sino / ZBTK
▶ Control board and Software	Beijing JCZ and Ezcad
▶ F-theta lens	Wavelength (Singapore genuine brand)
▶ Computer	Industrial PC, Yanhongtech
▶ Outside red point	Easy to focus laser for marking
▶ LED light	Lighting when it is pooly lit
▶ Working table	100x100mm 150x150mm 200x200mm 300x300mm or Customerized
▶ Protective tool	Protective glasses
▶ Foot switch	Replacement for manully click of a mouse

Advantages

- 1. Fiber Laser Marking Machine, Fast Speed and High Efficiency**
- 2. High Electro-optic Conversion Efficiency**
- 3. High Precision Leads to Perfect Marking Effect**
- 4. Integrated Structure, Small and Compact Size, Easy for Transportation**
- 5. Long Service Life, Up To 100000 Hours**

Difference of 20w 30w 50w 100w laser power

20w fiber laser marking machine: for surface marking

The most hot selling system by lowest price advantage.

Especially on plastic and hard metals, it occurs perfect results.

Automotive, packing, kitchenware equipment, hand tools sectors are main ways preferred on F20

30w fiber laser marking machine: for faster surface marking and deep engraving

Suitable for job shops and people who needs more power.

One upper level then marking towards cutting.

Especially for cutting, this is the first machine fits your requirement to cut.

50w fiber laser marking machine: for deep engraving and jewelry cutting

Do deep engraving, micro cutting, marking and 3D engraving perfect.

Mostly preferred by jewelry sector, F 50 creates 40% more effective results according to its competitors. One of the fastest model in market.

Applicable Industries

Mobile phone keypad, plastic translucent keys, electronic components, integrated circuits (IC), electrical appliances, communication products, sanitary ware, tools, accessories, knives, eyeglasses and clocks, jewelry, auto parts, luggage buckle, cooking utensils, stainless steel products and other industries.

Products Details



Scanning galvanometer

Sino- galvanometer scanning head adopts scanning laboratory technology, digital signal, higher precision.

The machine can mark precisely with high speed, free control of engraving depth

Raycus laser source

Raycus laser, Chinese best brand, has a better working performance.

No need to design a new laser for each laser beam. Just transform the picture on the computer to obtain the desired beam shape.



Ezcad control card

The machine equips with original JCZ-Ezcad control card, easy to operate.

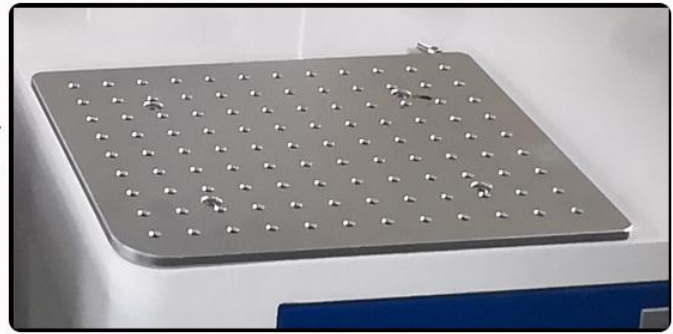


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Working platform

Aluminum working table. Flat and smooth. Compact structure, taking into account the light, compact, simple interface, flexible processing direction, adjustable control.



Lift wheel

It is used to adjust the focus. You can move it up and down to get the perfect focus distance.

Computer

Every fiber laser marking machine is equipped with a complete computer and all essential software, controllers and machine parameters are installed, Even a novice can operate the machine easily.



Sample Exhibition

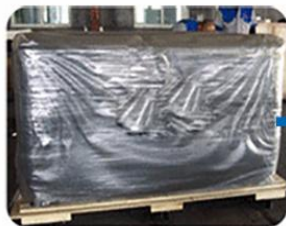




Packaging Details:

1. Outside package: Standard marine export plywood case.
 2. Inner package: Three layers in total; EPE pearl cotton film+PE stretchy film.
- Improved package, much more strong and environmental protection.
We can also make package according to your requests.

Protective Film Wrapping



Wood Container Sealing



Container Loading



Transportation



Container Sealing

Delivery Detail:

Shipped in 15-30 working days after payment.

Guarantee:

2 year warranty for the whole machine. Within 24 months under normal use and maintenance, if something is wrong with the machine, you will get spare part for free. After 24 months, you will get spare parts at cost price. You will also get technical support and service all the lifetime.

Technical support:

1. Technical support by phone, email or WhatsApp/Skype around the clock.
2. Friendly English version manual and operation video CD disk.
3. If needed, we can send our engineer to your site for training or you can send the operator to our factory for training.

After sales services:

Normal machine is properly adjusted before dispatch. You will be able to use the machine immediately after received machine. Besides, you will be able to get free training advice towards our machine in our factory. You will also get free suggestion and consultation, technical support and service by email/WhatsApp/tel etc.

Spare parts are supplying on time or doing some inventory if promising certain sales volume.

Faster delivery, we will support our sole agent to do the stock if good sales, then more convenient and helpful.

If the sales are good, we will arrange some famous exhibition fairs in the local or surroundings, and give our full support to our agents at the fair. We will provide our sample machines, catalog, DVD, manuals, etc. All native customers belong to our local agent, which is our basic rule. And we promise the final delivery is the same as displayed prototype.

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