

ELF-D

20W/30W/50W/100W Desktop laser marking machine



Arcbro's ELF-D laser Marking machines provide a wide range of opportunities and possibilities.

30W CO2 fiber laser marking machine adopts imported encapsulated CO2 laser, equipped with Germany high-speed scanning vibrator and beam expansion focusing system, using infrared light band, marking accuracy is high, fast; ZJ-2626A laser height can be adjusted up and down, easy to use, can replace the lens of various marking format; Long continuous working time, clear and beautiful marking, powerful software function, can be marked by running number, flight marking; Fixed laser marking design, simple operation, perfect upper and lower ventilation system, environmental protection and safety work.

Applicable fields

Jewelry, animal rings, electric parts, hardware, machinery agricultural implements, sports equipment, shower accessory, advertising, construction works, energy & mining, etc.

Standard configuration



Marking speed:
0-7000mm/s



Marking Area:
100*100mm-300*300mm(Optional)



Laser Power:
20W/30W/50W/100W(Optional)



PRODUCT DETAILS

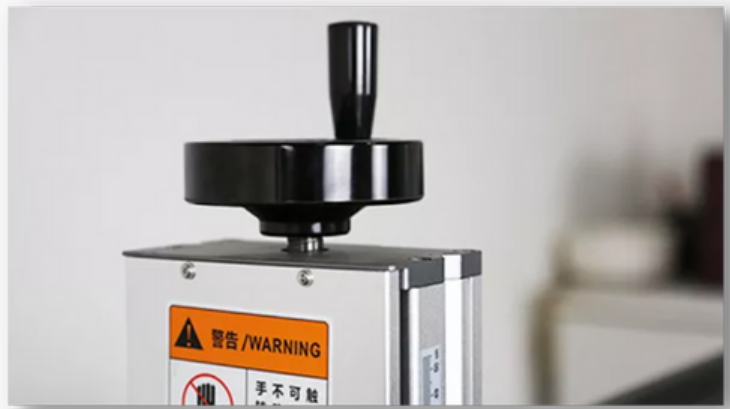


LASER BRAND

- Raycus.(JPT.IPG optional)
- With high average power
- High peak power
- 2-500ns multiple pulse width optional

LIFTING HANDLE

- The focus can be precisely adjusted up and down
- Insulation material is wear-resistant and durable
- Long life of lifting shaft



LASER GALVANOMETR

- Use high-speed digital galvanometer
- Fast marking speed and high light output efficiency
- No maintenance required later

LASER BRAND

- Raycus.(JPT.IPG optional)
- With high average power
- High peak power
- 2-500ns multiple pulse width optional



SPECIFICATIONS

Model	ELF-D
Marking Area	100*100mm-300*300mm(Option)
Working voltage	0.5KW/AC220V/50Hz(option)
Lifting pillar	500mm(customize)
Cooling system	Air Cooling
Working environment	0-35°C humidity≤90%
Minimum character	0.1mm
Repeatability accuracy	0.003mm
Max Marking Depth	1mm (based on different laser power and material)
Resolution	0.001mm
Marking speed	0-7000mm/s
Laser modulation frequency	20kHz-80kHz
Output laser power	20w-50W
Laser wavelength	1064nm
Laser source	MAX/Raycus/JPT laser source
Warranty	2 years for whole machine
After Warranty Service	Video technical support, Online support
Application	Marking on metal, copper, stainless steel, hard plastic, animal ear tags, metal tags, dog tags and so on
Machine's advantages	Easy to use, not need too large space

ARCBRO SUPPORT

ARCBRO LEARN CAMPUS

Learn the machines before you get them.

Make the work simple! View ARCBRO learn campus online to learn the machines before you get them. ARCBRO learn campus is a online CNC plasma cutting training program in the industry. It takes our customers through a series of knowledgeable and concise videos and files to give them in-depth training and technical instruction. These videos will take even your newest operator to an expert level in no time. They were formulated with our customers at the forefront of our minds, which has transcended into fast and effective training for many different markets, such as: education, metal art, custom automotive part fabrication, and many others. Link: <https://www.arcbro.com/learning-campus/>



ARCBRO TROUBLESHOOTING

You can buy any arcbro product without any hassle!

All our products have a precise and reliable manufacturing quality inspection system. In addition, all products have a one-and-a-half year warranty and are accompanied by the best after-sales protection system in China. Multilingual professional engineers perform online machine diagnostics in 24 hours. We bear the cost of any parts failure or damage during the warranty period and you only need to pay the shipping cost.

In addition, you can easily find all the after-sales solutions you may need on our official website. We have organized the questions that customers have asked us when using the machine for many years, and gave answers in detailed but easy to understand words to help you solve the problem as quickly as possible.

Want to know more, just browse our official website, click support, enter Arcbro troubleshooting system. Link: <https://www.arcbro.com/troubleshooting/>



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