

Parts for fiber lasers



FIVE LASER TECHNOLOGY CO., LTD

ALAN YAN

INFO@FIVELASER.COM

WECHAT/WHATSAPP: 008615920201400

#106, BUILDING 11, SHUNLIAN ROAD 10, WANJIANG DISTRICT, DONGGUAN CITY, CHINA. 523039



Content

I.	Machine body	3
II.	Fiber laser source.....	3
III.	Motion controller.....	4
IV.	Scanner head.....	4
V.	F-theta lens.....	5
VI.	Red pointer.....	5
VII.	Red pointer bracket.....	6
VIII.	Combiner lens.....	6
IX.	Foot switch.....	7
X.	Press button.....	7



XI.	Emergency stop.....	8
XII.	EMI filter.....	8
XIII.	CO2 motion controller.....	9
XIV.	CO2 focus lens.....	10
XV.	CO2 reflective mirror.....	11

I. Machine body—only cabinet



Blue color



Red color



Gray color

The machine body provide a cabinet for building fiber laser marking machine

- 1. Vertical type
- 2. 500mm lifting bar
- 3. 4 holes for buttons
- 4. Blue, Red, Gray color for optional

II. Fiber laser source



Fiber laser source used for generating laser beam, fiber laser source provides different models such as RFL-P20QS, RFL-P30QS, RFL-P50QB

III. Motion controller

Motion controller used for controlling all signals to fiber laser source, to scanner head, to rotary attachment and other components



This is original JCZ brand laser marking controller, model: FBLI-B-LV4

IV. Scanner head



Sino-galvo brand

SG7110 model



ZBTK brand

ZB2D10CL1064

Scanner head used for delivery laser beam to any location in working area

V. F-theta lens



F-theta lens makes the laser beam getting smaller & stronger, we provides 110*110mm, 150*150mm, 200*200mm working area for optional

VI. Red pointer



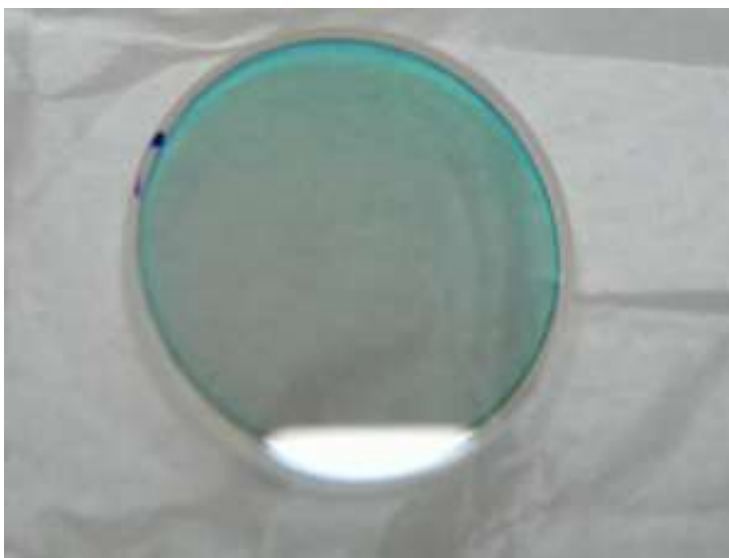
Red pointer generate red light for guiding the marking location, the size 12*40mm

VII. Red pointer bracket



Red pointer used for holding the red pointer, aluminum materials made

VIII. Combiner lens



Combiner lens used for combine the red light and 1064nm laser beam together

The popular size is 20*2mm

IX. Foot switch



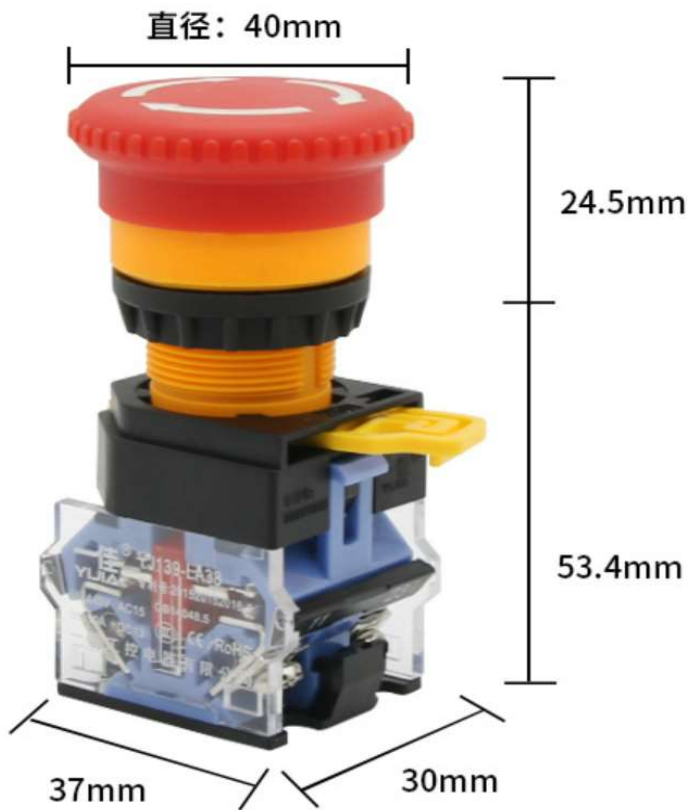
Foot switch used for starting the laser marking by foot

X. Press button



Press button under 22mm holes, provide green, red, white color for option

XI. Emergency stop



Emergency stop under 22mm holes, for stop machine under emergency situation.

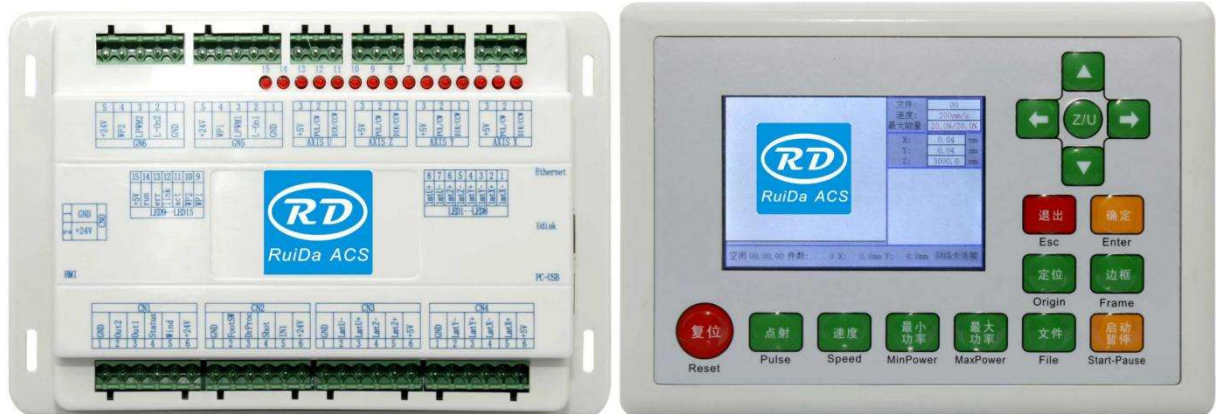
XII. EMI filter



EMI filter provides CW4L2-3A-S, CW4L2-6A-S, CW4L2-10A-S

XIII. Motion controller

1. Ruida controller/Ruida motion card for CO2 laser cutter/engraver



The popular model RDLC320A, RDC6442S, RDC6445G, RDC6332M and etc

2. Ruida CCD motion controller for vision cutting for CO2 laser cutter/engraver



RDV6442G & RDV6445G for updating machine to CCD vision cutting

XIV. CO2 focus lens

1. Chinese PVD ZnSe material based focus lens ([LA series-- made in China](#))



2. USA CVD ZnSe material based focus lens--II VI brand ([B series-- made in China](#))



3. USA CVD ZnSe material based focus lens ([C series-- made in China](#))



XV. Co2 reflective mirror



Reflective mirror—Mo.(metal) mirror
or silicone based mirror 20mm/25mm/30mm for option

The End

FIVE LASER TECHNOLOGY CO., LTD

ALAN YAN

INFO@FIVELASER.COM

WECHAT/WHATSAPP: 008615920201400

#106, BUILDING 11, SHUNLIAN ROAD 10, WANJIANG DISTRICT, DONGGUAN, CHINA. 523039