

Parts for co2 lasers



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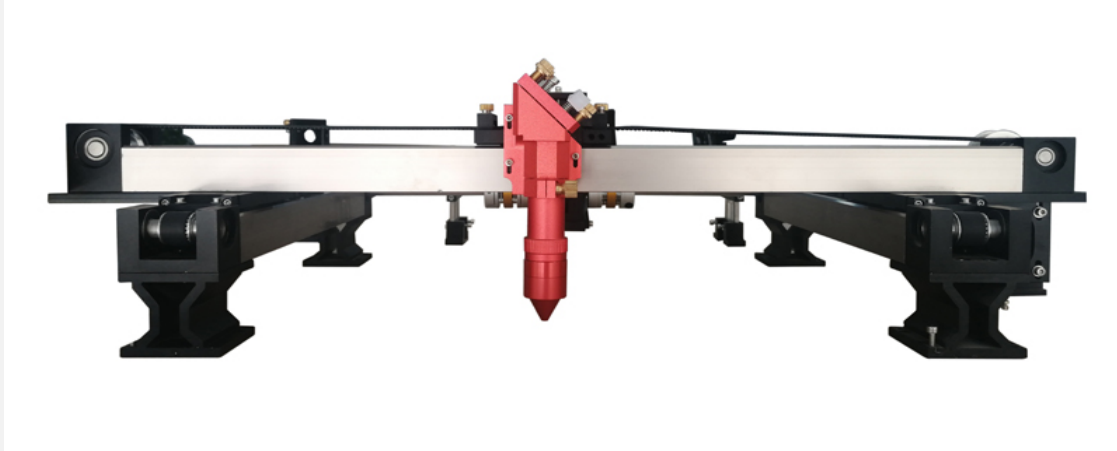
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I. X/Y linear guide rail



If you want to build your own machine, or replace the linear guide on your old machine, then the XY linear guide rail will be needed



Inner sliding type (A series)



Outer sliding type (B series)

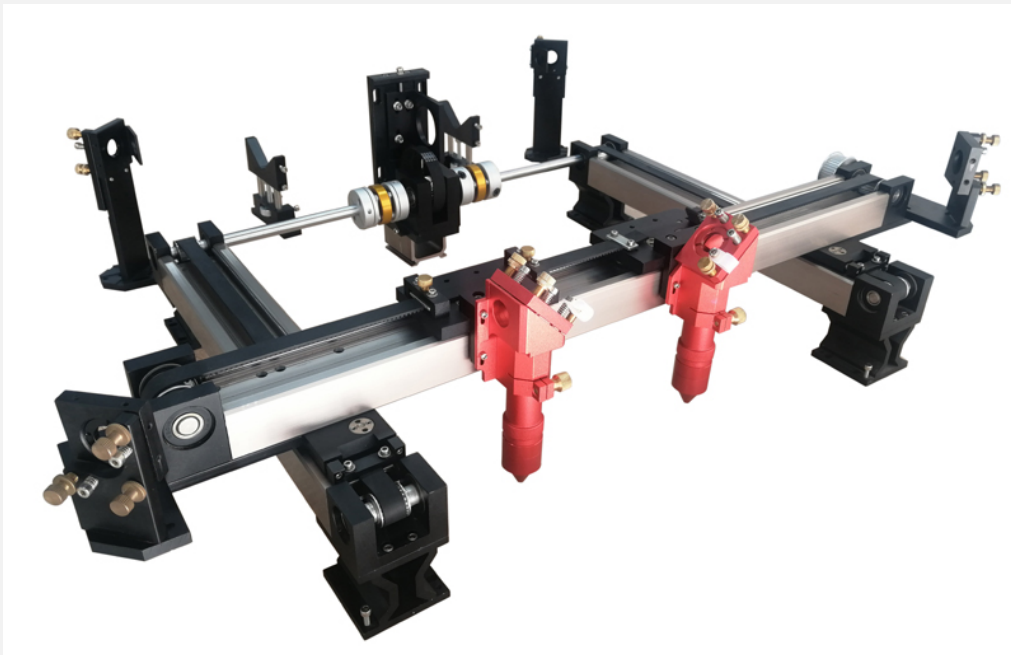
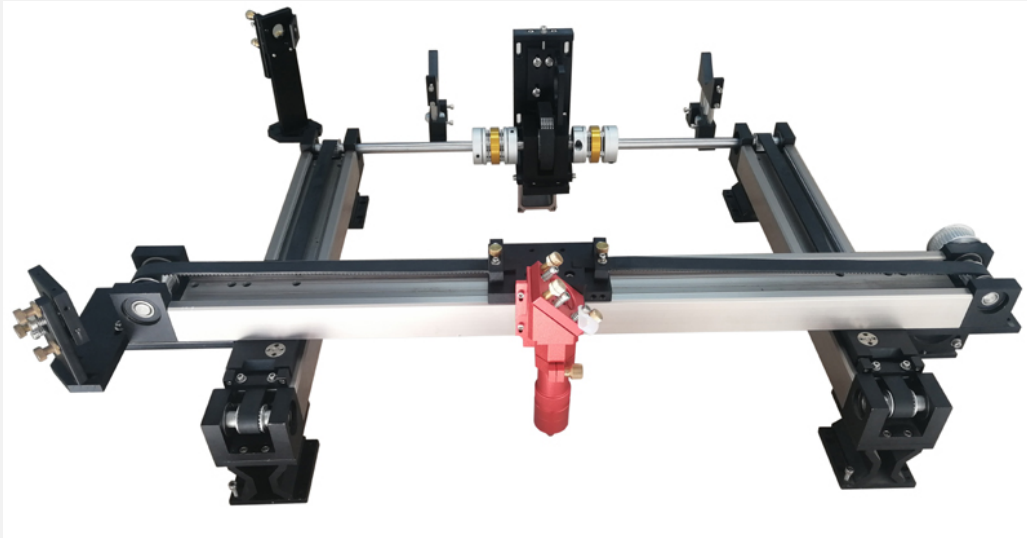
Unique feature:

1. Popular models
2. Complete set gathering
3. Inner sliding and outer sliding for option

Working area available (can be customized):

600*40mm, 900*600mm, 1300*900mm, 1400*1000mm,

1600*1000mm, 1800*1200mm single head or double heads area available.



Single head and double heads XY linear guide rail

The complete set XY linear guide rail has included parts such as x axis guide rail, y axis guide rail, bearing, timing belt, brackets, slider block, transmission shaft, speed reducer, first mirror mount, drag chain, second mirror mount, third mirror mount, cutting head and laser tube mounts.

II. Laser tube

1. CO2 laser tube (SPT C series)



C50	L=1000mm	D=50mm	Rated power 50w	Peak power 60w
C60	L=1200mm	D=50mm	Rated power 60w	Peak power 80w
C80	L=1600mm	D=60mm	Rated power 80w	Peak power 110w
C90	L=1250mm	D=80mm	Rated power 80w	Peak power 100w
CS100	L=1350mm	D=80mm	Rated power 95w	Peak power 110w
C100	L=1450mm	D=80mm	Rated power 100w	Peak power 120w
C130	L=1650mm	D=80mm	Rated power 130w	Peak power 150w
C150	L=1850mm	D=80mm	Rated power 150w	Peak power 170w



More investment, advanced workshop, only for better quality of laser tube

2. W series laser tube ([RECI](#))



W1-W2-W4-W6-W8 (Diameter 80~90mm)

3. T series laser tube ([RECI](#))



T1--T2--T4--T6 (Diameter 65mm--new series)

III. Laser power supply

1. Hongyuan laser power supply (T series)



Universal series—T series such as T60, T80, W120, T150

2. Hongyuan laser power supply (DY series)



DY series—used for RECI laser tube, models like DY10, DY13, DY20

3. ZYE laser power supply (JG series)



MYJG60 (50w-60w tube); MYJG100w(80w~100w laser tube);
MYJG150w (130w~150w tube)

IV. Znse focus lens and Mo. Mirror

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--Five laser brand ([C series-- made in China](#))



4. Mo. Metal mirror



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

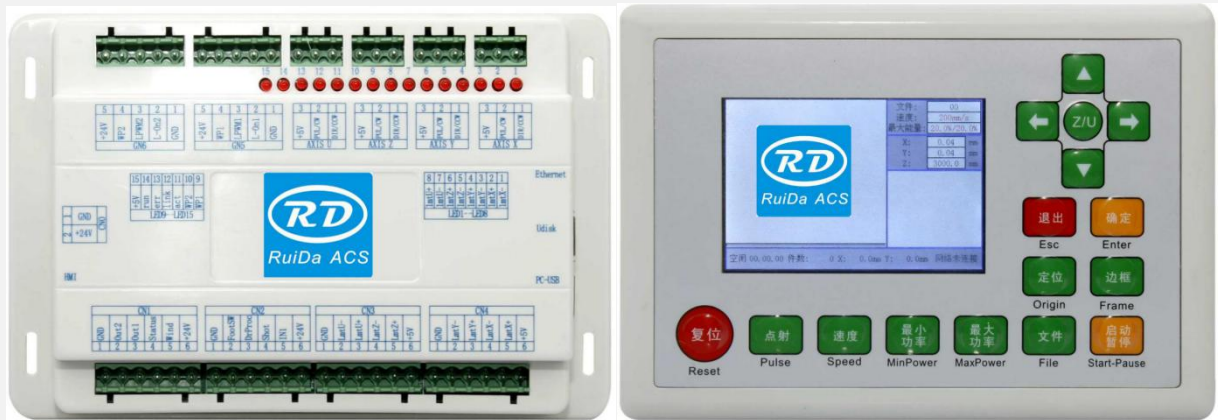
V. Motion controller

1. Leetro controller/Leetro motion card



The latest model MPC8530S with new version software Lasercut2017

2. Ruida controller/Ruida motion card



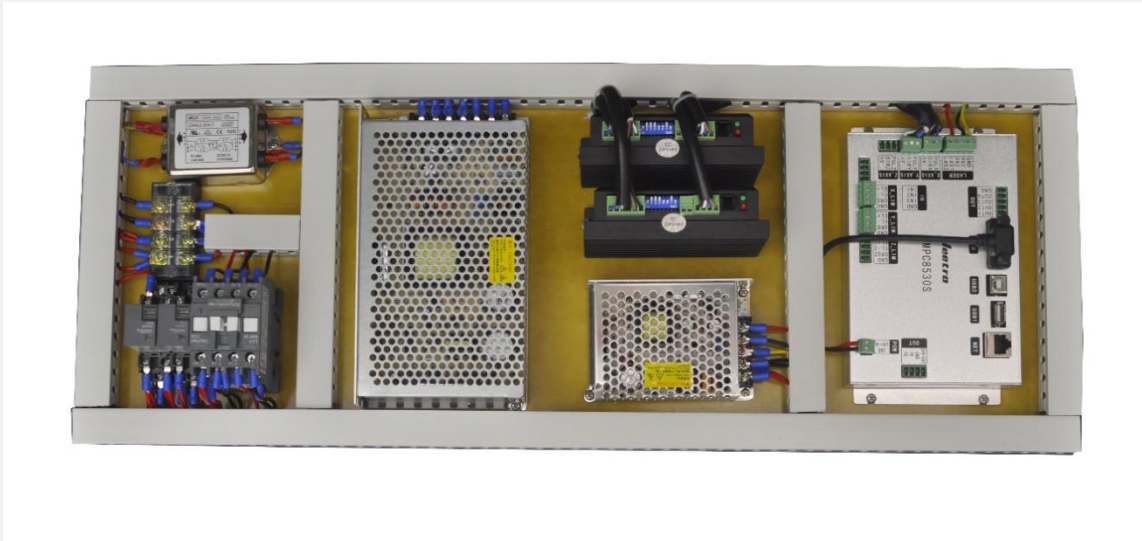
The popular model RDLC320A, RDC6442S, RDC6445G, RDC6332M and etc

3. Ruida CCD motion controller



RDV6442G & RDV6445G for updating machine to CCD vision cutting

VI. Control circuit and control box



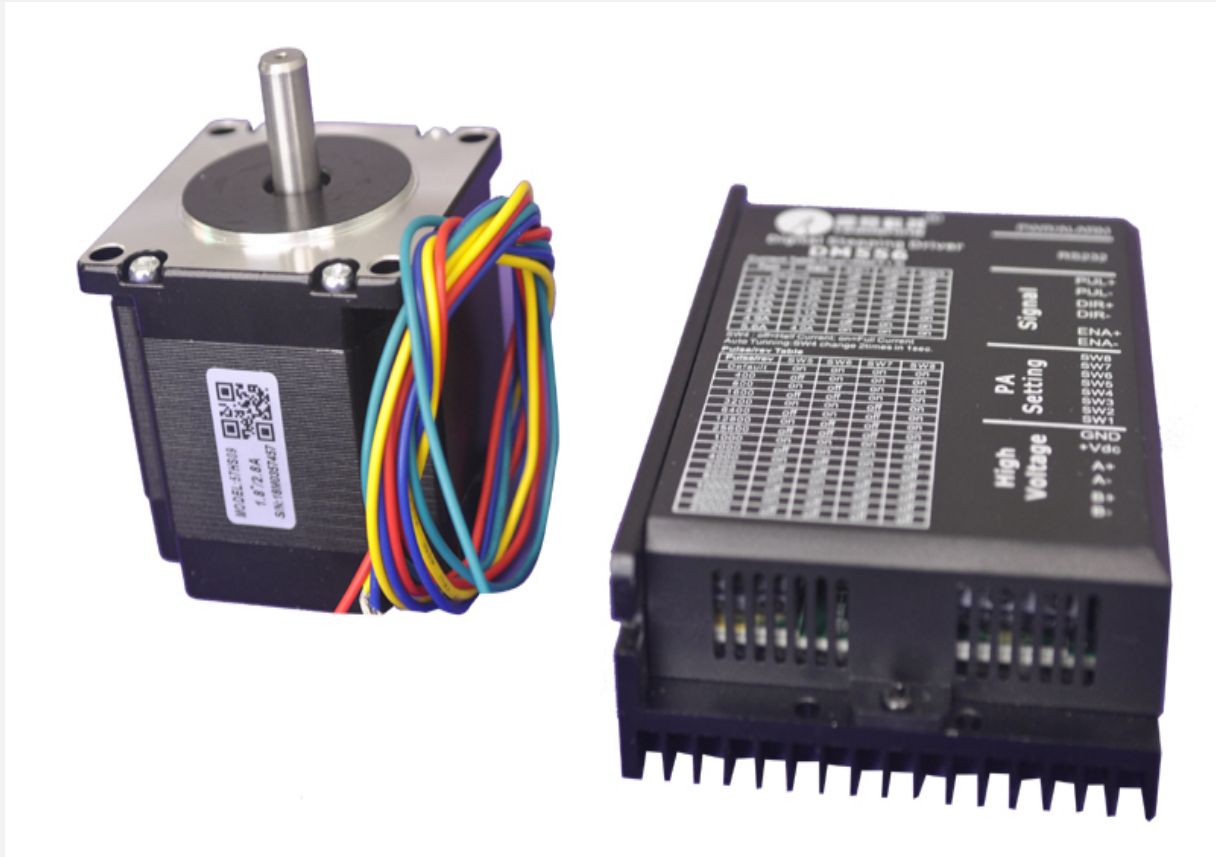
If you want to build your own machine, or replace the control system on old machine, then you can think about to buy our complete control circuit board, the wire connections are ready on our board, it will be easy and faster for you.

The motion card is optional between RD controller and Leetro controller

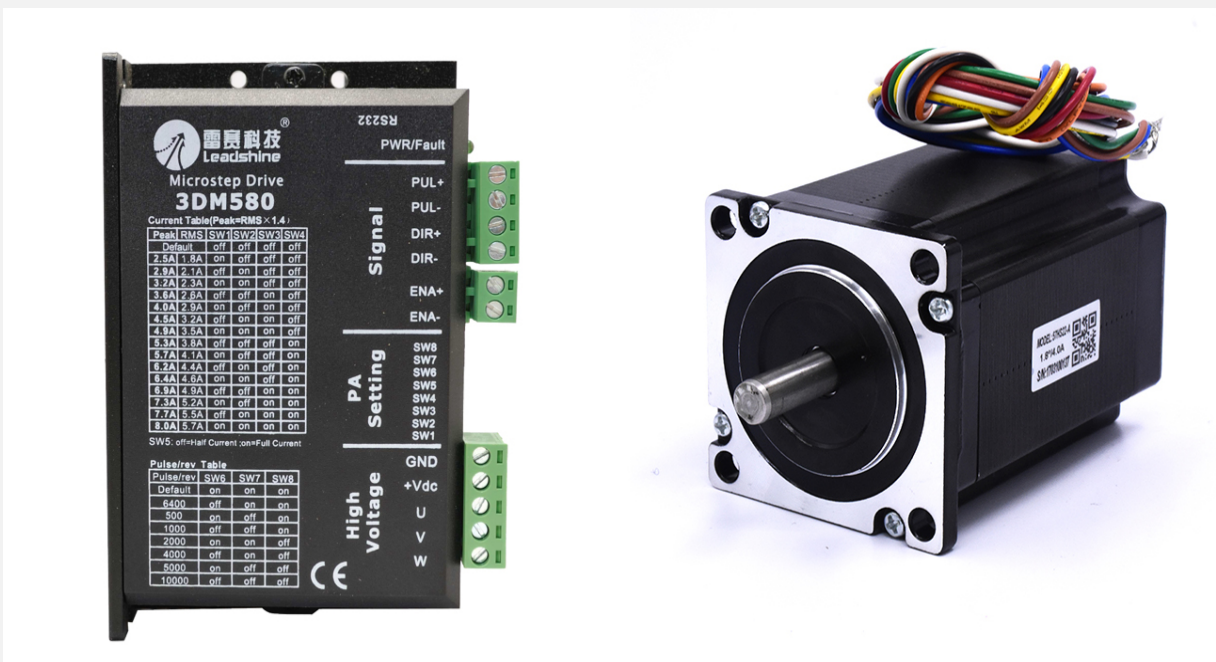


The control box also available if the DIY laser without machine body

VII. Motor & drivers



Single phase leadshine stepper motor and driver
 DM556+57HS09+57HS22



3 phase leadshine stepper motor and driver
 3DM580+573S10+573S20

VIII. Water chiller

1. Blue penguin brand water chiller (JL series)



The water chiller with models—JL3000, JL5000, JL5200

2. Teyu S&A water chiller (CW series)



The models such as CW3000, CW5000, CW5200, CW5202

VII. Other parts

1. Suction blower



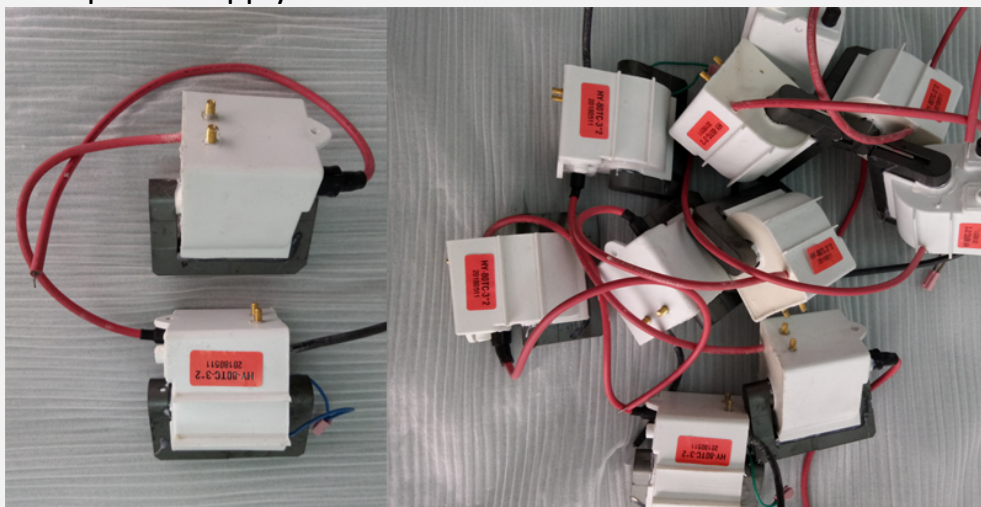
The popular power of suction blower used for low power co2 laser cutter is 550w, 750w

2. Air compressor



The popular model is ACO-388, ACO-388D, ACO-009D, ACO-009E

3. Flyback of power supply



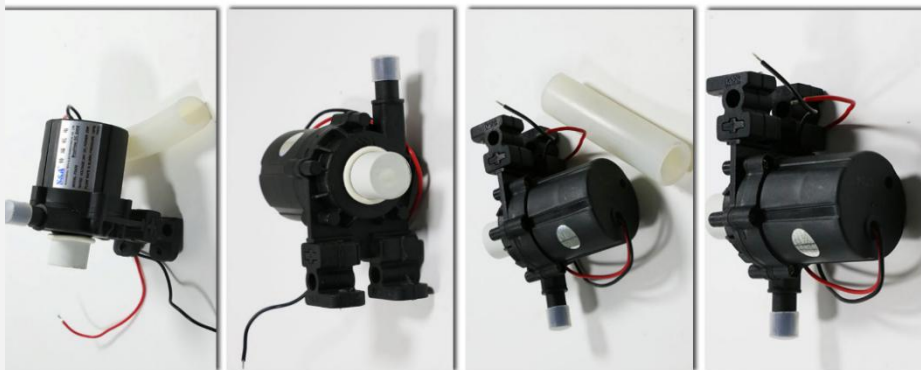
High voltage fly back for laser power supply

4. Water flow switch HT-30



Water flow switch for protecting the water chiller

5. Water pump P2430 & P2450



Water pump: P2430 for CW3000/5000, and P2450 for CW5200

6. Guide rail slider



Slider for square linear guide rail, also match with Hi-win

7. Beam combiner



Beam combiner for installing red pointer to co2 laser machine

8. Mirror mount & cutting head-can be customized



Reflective mirror mount includes first mirror mount, second mirror mounts
 And the third one mirror mount commonly integrated with cutting head
 The length, diameter for cutting head can be different and customized

9. Switch power supply



Hengfu switch power is famous in China, commonly 5V, 24V and 36 used more

10. Water pipe: 8*12mm silicone based



11. Air pipe-PU 6*4mm



12. Open timing belt HTD3M*15mm



13. Other electrical elements



Notice: if something not shown on catalog you can ask quote directly such as current meter, relay, buttons, foot switch and etc

The End

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