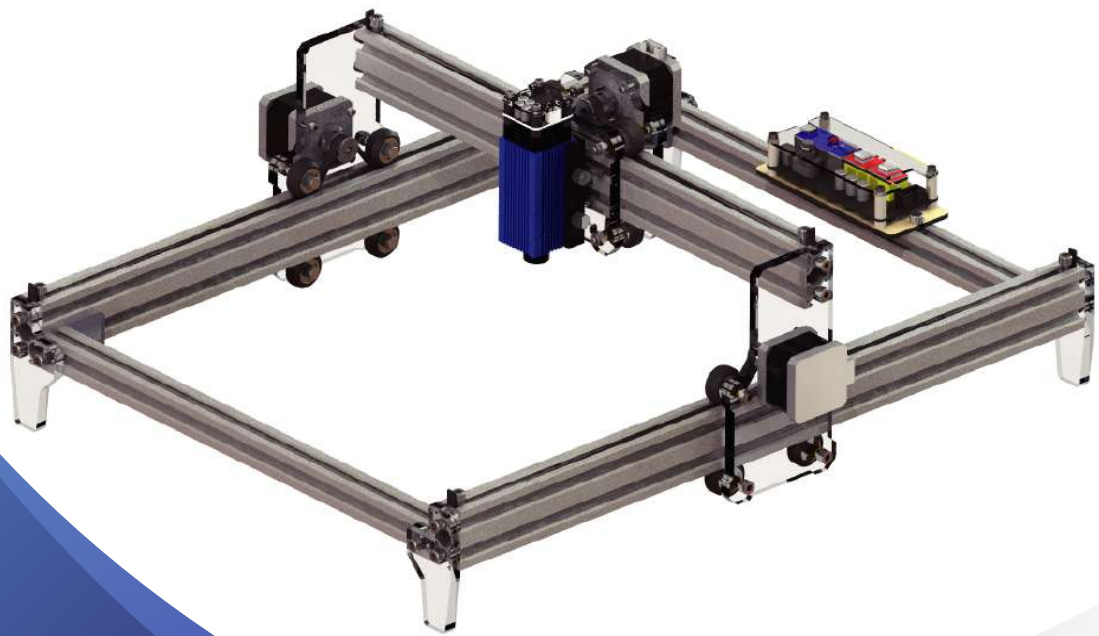
S1 3040

Laser Engraving Machine



User Guide

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Safety Guide

Caution:Avoid eye or skin exposure to direct radiation

Away from children

Always wear protective glasses when use the machine

Prohibited from use in flammable objects or gases .

In case of emergency, cut off the power immediately

Shutdown steps : When you are not using the machine, first cut off the power,then turn off the software, at last dial out the USB cable

Packing List

001	Aluminum profile	2040V-510mm	2	Piece	
002	Aluminum profile	2040V-403mm	1	Piece	
003	Aluminum profile	2020-360mm	2	Piece	
004	Acrylic	PAMA-4050	1	Set	
005	Stepper motor	42HS34	3	Piece	
006	Synchronous belt	GT2-6mm	1.8	Meter	
007	Pulley	5mm	12	Piece	
008	Corner code	2028	4	Piece	
009	Controller	GRBL1.1	1	Piece	
010	Power source	12V 5A	1	Piece	
011	Hexagon socket cap screw	M5*8	16	Piece	
012	Hexagon socket cap screw	M5*12	4	Piece	
013	Hexagon socket cap screw	M5*20	12	Piece	
014	Hexagon socket cap screw	M5*30	8	Piece	
015	Hexagon socket cap screw	M5*50	4	Piece	
016	Hexagon socket cap screw	M3*12	12	Piece	
017	Slide nut	M5	8	Piece	
018	Self-Locking Nut	M5	12	Piece	
019	Square nut	M5	12	Piece	
020	Synchro wheel	GT2-20 5mm	3	Piece	

021	Copper nut	M5*6	8	Piece	
022	Copper nut	M5*8	8	Piece	
023	Socket wrenches	2/2.5/4/8	1	Set	
024	Hand screw	M3*6	4	Piece	
025	Pan head screw	A:M3*12 B:M3*10	3	Piece	
026	Laser wire	80cm	1	Piece	
027	Stepper motor wire	60cm	3	Piece	
028	Screw box	/	1	Piece	
029	coil bobbin	8mm	2	Piece	
030	Aluminum cooling module	A/B	1	Piece	
031	USB flash drive	/	1	Piece	
032	Package	/	1	Piece	
15W Lifting module					
Acrylic		Thickness:8mm	1	Piece	
Hexagon socket cap screw		M3*12	4	Piece	
Optional					
0. 5W	1W	1. 6W	2. 5W	3. 5W	
5. 5W	7W	10W	15W		

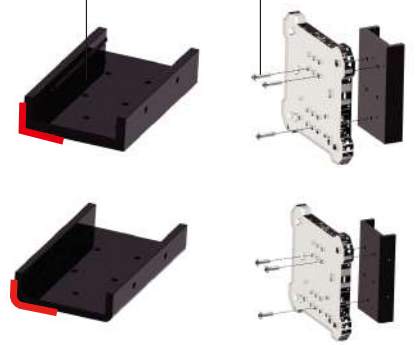
3040 Assemble Manual

025 : M3*12 Pan head Screw 3pcs

030: A/B 1pc

A

B



①

024: M3*6 Hand Screw 4pcs

500mw/2.5W/3.5W/5.5W laser

②

③

016: M3*12 Screw 4pcs

④

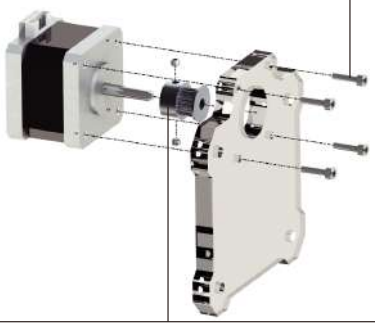
15W Laser

⑤

⑥

7

016: M3*12 Screw 4pcs



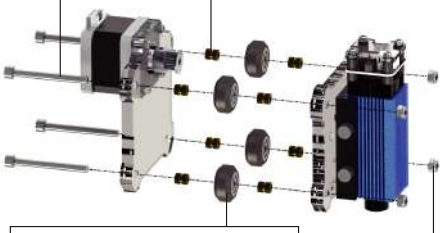
020: GT2-20 Synchro Wheel 1pc

8

9 Finish

015: M5*50 Screw 4pcs

022: M5*8 Copper Nut 8pcs



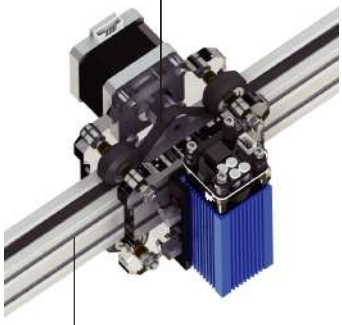
007: 5mm Pulley 4pcs

018: M5 Self-Locking Nuts 4pcs

10

11 Finish

006 : GT2-6mm Belt



002 : 2040V-403mm Frame

12

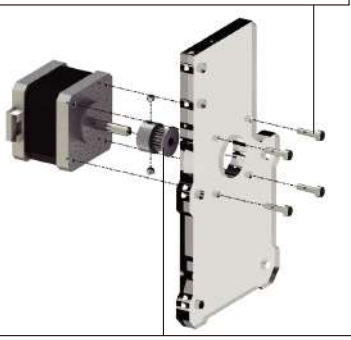
13

011: M5*8 Screw 1pc

019: M5 Square Nut 1pc

14

016: M3*12 Screw 4pcs



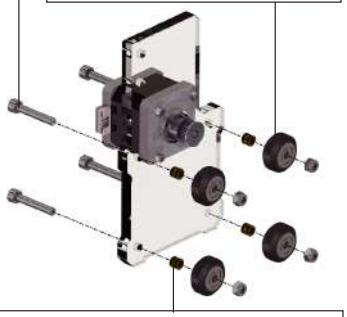
020: GT2-20 Synchro Wheel 1pc

15

16 Y axis Motor Finish

014: M5*30 Screw 4pcs

007: 5mm Pulley 4pcs



021: M5*6 Copper Nut 4pcs

17

18 Y axis Finish

013: M5*20 Screw 2pcs

19

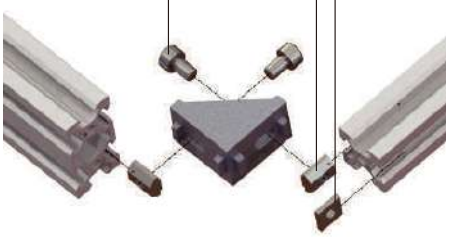
Double Y axis motor

20

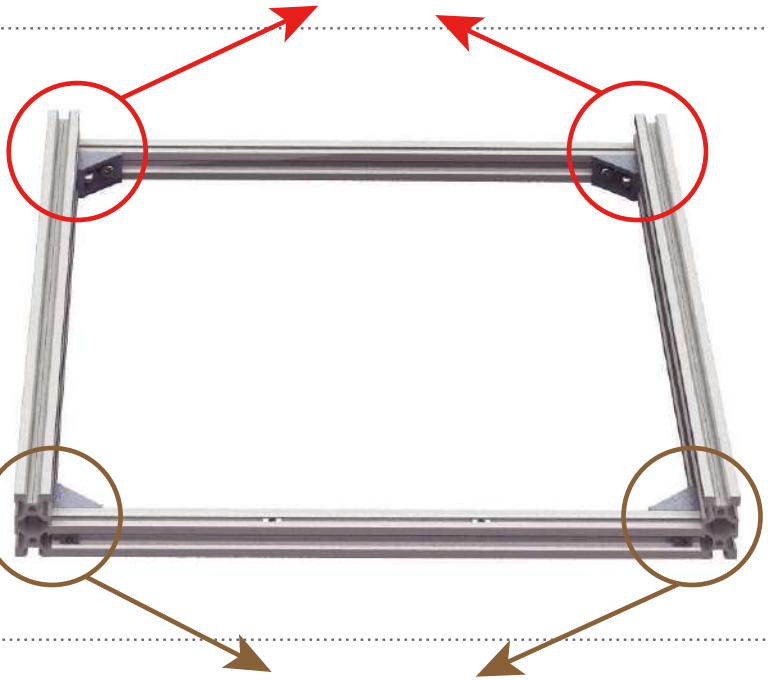
011: M5*8 Screw 2pc

017: M5 Slide Nut 2pcs

019: M5 Square Nut 1pcs

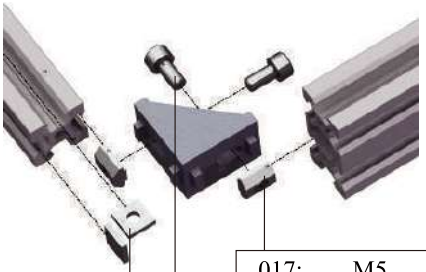


21



23 Finish

22



017: M5 Slide Nut 2pcs

011: M5*8 Screw 2pc

019: M5 Square Nut 2pcs

006: GT2-6mm Belt

24

011: M5*8 Screw 1pc

019: M5 Square Nut 1pc

25

26

27

013: M5*20 2pcs

012: M5*12 1pc

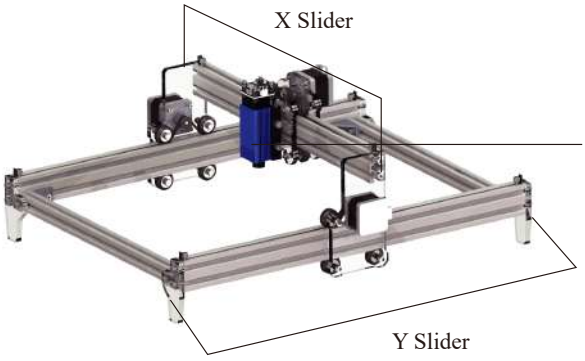
28

Finish

29

30

Finish



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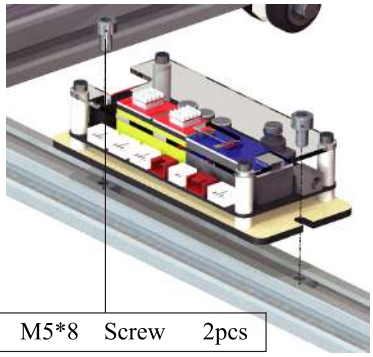
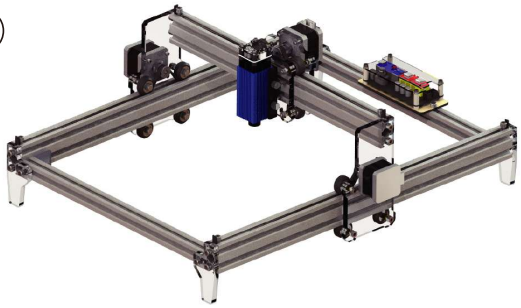


011: M5*8 Screw 2pcs

32

Controller Assemble

33

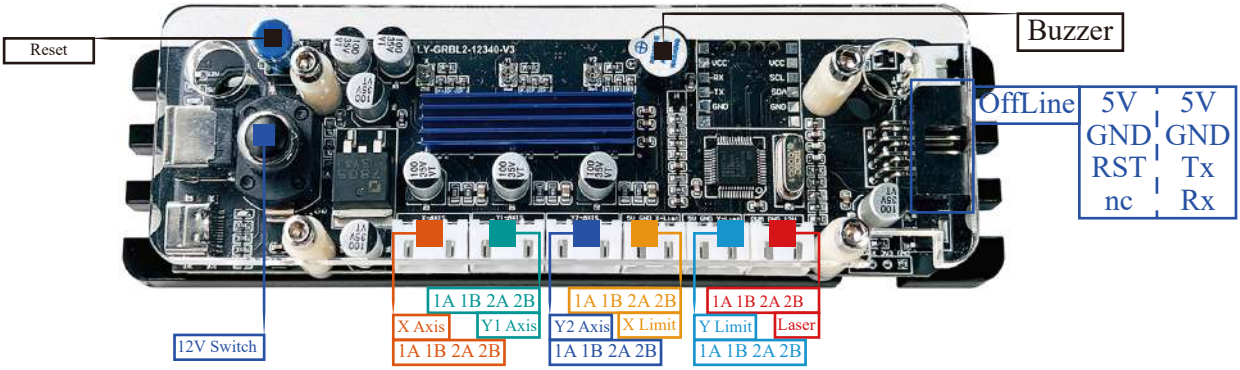


Assemble Finish

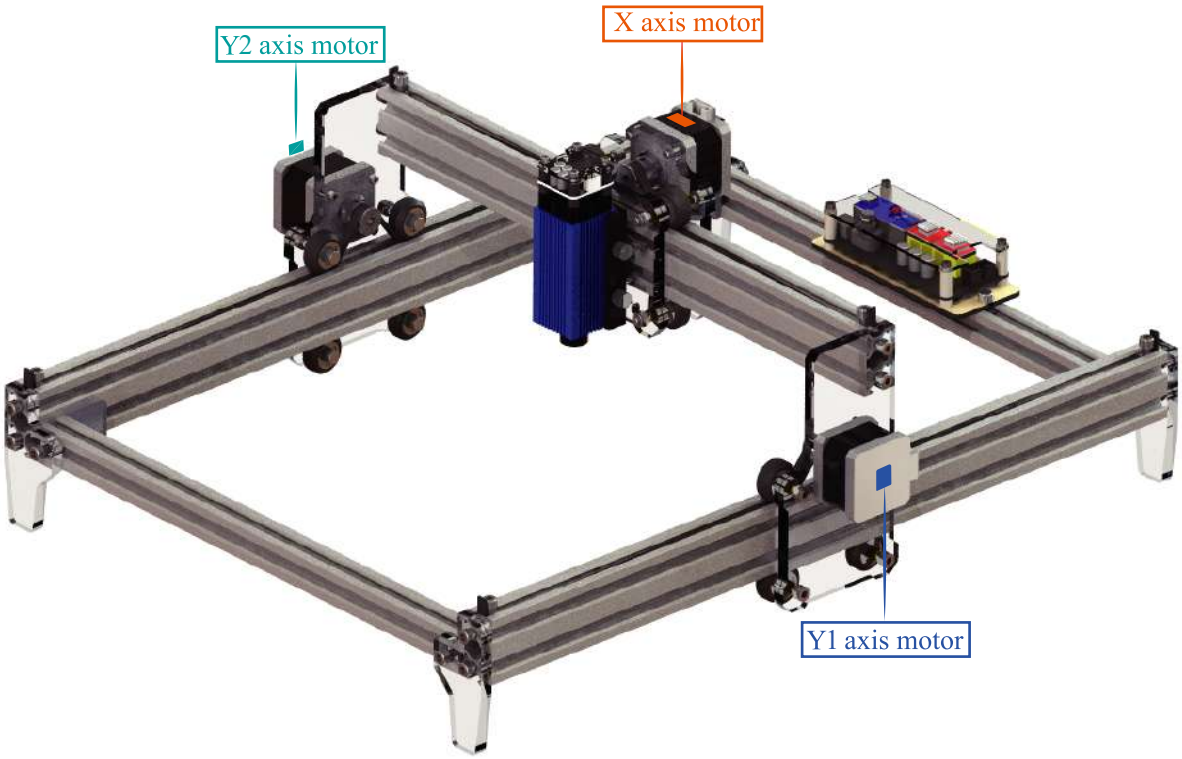
Package

Controller and Port Define

2 Aixs 2.0



2 Aixs 4.0


Y2 axis motor
X axis motor
Y1 axis motor

S1-3040
Laser Engraving Machine

http://dwz.date/Ar3

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