

XY Plotter V2.0

Assembly Instructions



2x Beam 1004 (R)

2x Beam 1122 (R)

2x 10mm Motor Shaft (2000000)

1x Green Motor Shaft (2000000)

4x Pin 3x6

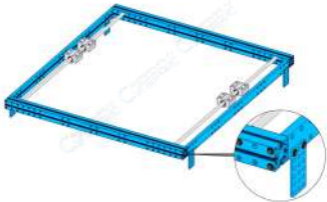
8x Screw M4x10

12x Screw M5x10

8x Nut M4







2 Linear Motion Shaft (20x10mm)

1 Linear Motion Shaft (3x10mm)

1 4/20V Stepper Motor (Market XLI)

1 4/20V Stepper Motor

2 Beam (60x4-6)

4 Beam (60x4-6)

1 Beam (60x4-12)

2 Linear Motion Slide Lead Drive

2 Flange-Bearing 6x6x6mm

4 Washers Set Screw M3x6

2x Nut M4



1x Screw M4x8

10x Screws M4x10

2x Screw M4x12

8x Screws M3x6

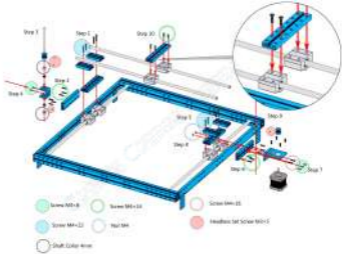
4x Countersunk Screws M3x6

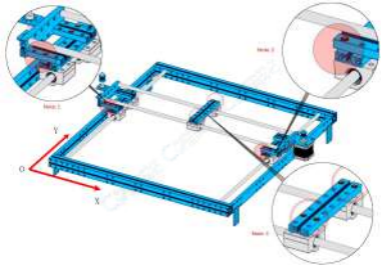
2x Shaft T-Stub 6mm

2x Timing Pulley 20T

2x Nut M4x12







1x Micro Switch Button



3x LED Bracket

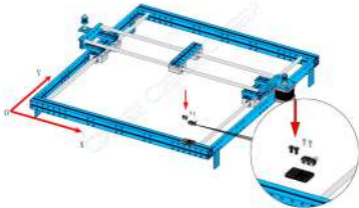


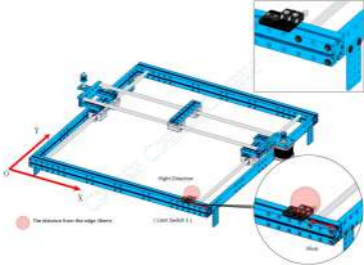
2x 3mm Raised Panel Head
Tapping Screws #12 (x)4



2x Screw Mount







1-Linear Motion Shaft Collar

2-2 Shaft Adapters

4-Bushings

4-Timing Pulley

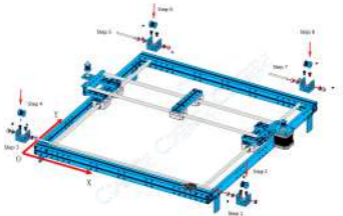
1-Graph Cable

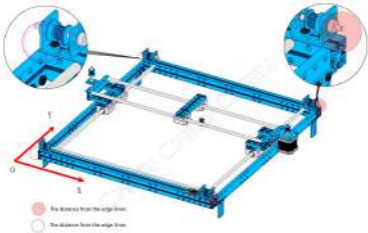
2-Flange Bearing

2-1/2 Washers

2-Clamp







2x Open-end Spring Bolt (1.380)

2x Bell-Camlock

4x Custom Luggage F

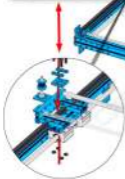
4x Screw 10x1.5

4x Screw 10x1.5

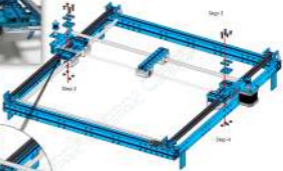
8x Nut M8



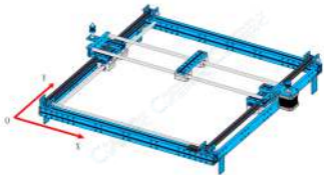
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Step 1
Step 2



Step 1
Step 2



1. Extruder 3D1

2. 1/2" Dia. Extruder

3. Extruder Flange Bolt (1/2" Dia)

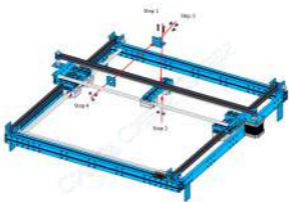
4. 5/8" Hex Bolt

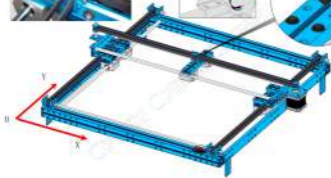
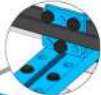
5. Extruder Nut

6. Washer



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1x20V5 Stepper Motor



1x42V5 Stepper Motor Bracket (1)



1xBeam-20x20 (1)



1xFlexible coupling (white)



1xHole 2 (H)



8xScrews M3x16

6xNut M3

4xWasher (for Screws M3x)

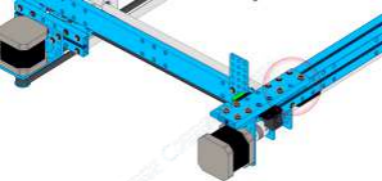
4xWasher (for Screws M3x)

1xFlexible Ring (4x7x2)

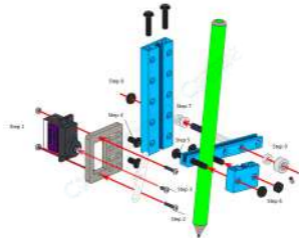




○ The distance from the edge is 25 ± 0.5mm



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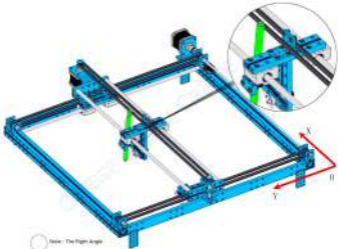


View 1: The Right Angle

View 1



View 2



Note: The Right Angle

4x White Switch Button

4x 1/4 Bracket

4x Cherry Redwood Pin Head
Tapping Screws #2.2 x 1.5

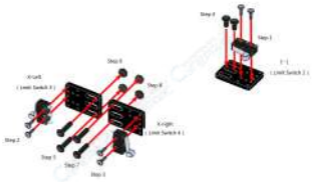
4x Orange Mask

4x Brown 5M x 20

4x Blue 5M



CAROLAN CAMPBELL



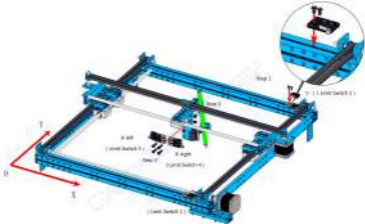




Figure 1: Motor Assembly

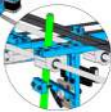


Figure 2: Motor Assembly

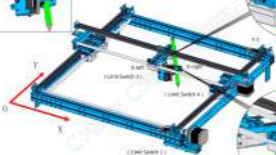
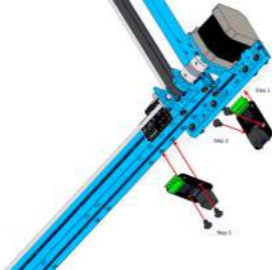


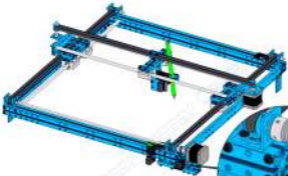
Figure 3: Robotic Arm

2 x 1/4" 303 Stainless Steel W/0

1/4" Plastic Mount W/0







3-Min USB Adapter



1-Bracket (x4)

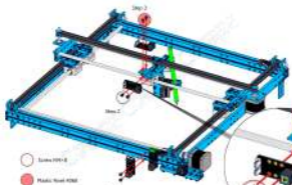


2- screws (x4)



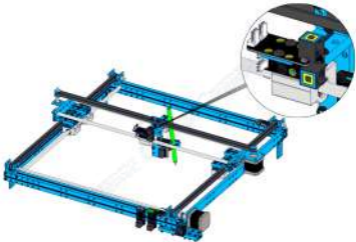
4- Plastic Screws (x4)





-  Axle (100-1)
-  Plastic Bush (100)





1- PCB Boardmount



2- Glass Board Print

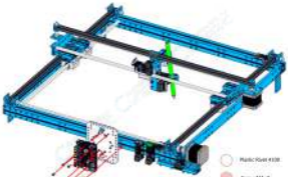


3- Screen Ink (B)



4- Photo Resin (20)

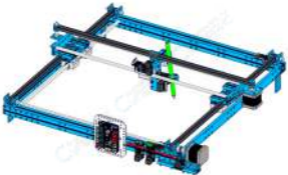




Step 1

Step 2

- Metric Pin 4 (10)
- Spacer 4 (10)



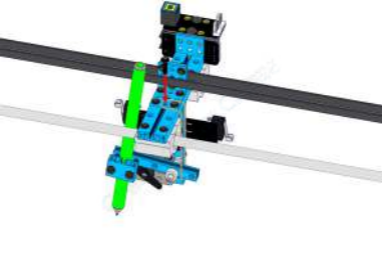
The distance from the edge 140 ± 0.05

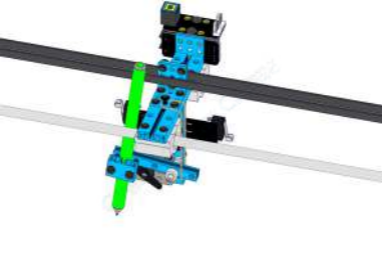
↳ **Le bouton rouge**

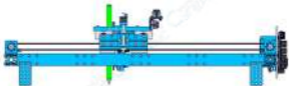


↳ **Le bouton blanc**



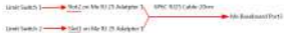


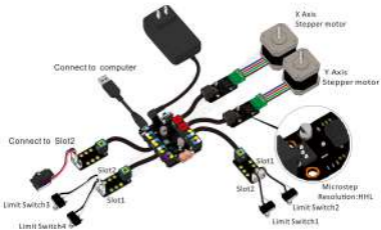


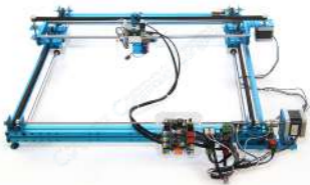












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