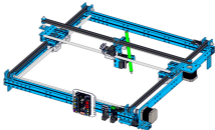
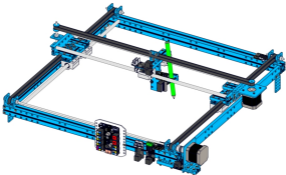


# XY Plotter V2.0

## Assembly Instructions





2 x Beam D824-496

2 x Beam 2424-504

2 x Linear Motion Shaft D80x456mm

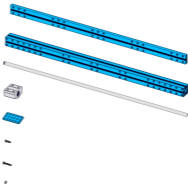
4 x Linear Motion Slide Unit 8mm

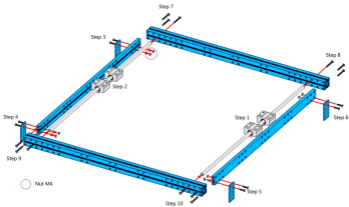
4 x Plate 3x6

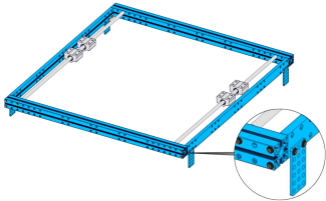
8 x Screw M4 x 14

12 x Screw M4 x 30

8 x Nut M4







2× Linear Motion Shaft D6×H6mm

1× Linear Motion Shaft D4×H80mm

1× 42BYG Stepper Motor Bracket

1× 42BYG Stepper Motor

4× Beam 0824 48

4× Beam 0824 96

1× Beam 0824 112

2× Linear Motion Slide Unit 8mm

2× Flange Bearing 46×3mm

4× Headless Set Screw M3×5

2× Nut M4



5× Screw M4×8

16× Screw M4×14

2× Screw M4×18

8× Screw M4×22

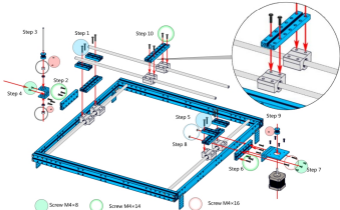
4× Countersink Screw M3×8

1× Shaft Collar 4mm

1× Timing Pulley 18T

1× Bracket U1





Screw M4x6



Screw M4x14



Screw M4x16



Screw M4x22



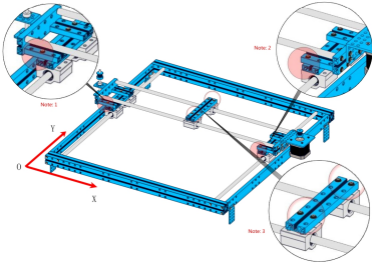
Nut M4



Headless Set Screw M3x5



Shaft Collar 4mm





1xMicro Switch Button



1xLS Bracket

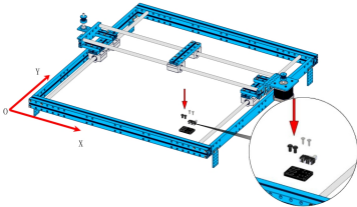


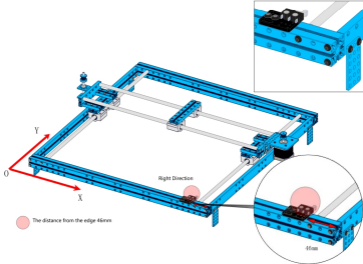
2 x Cross Recessed Pan Head  
Tapping Screws ST2.2x6.5



2xScrew M4x8







1x Linear Motion Shaft (4x512mm)

2x D Shaft 4x56mm

4x Bracket U1

4x Timing Pulley L8T

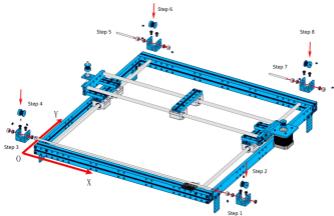
7x Shaft Collar 4mm

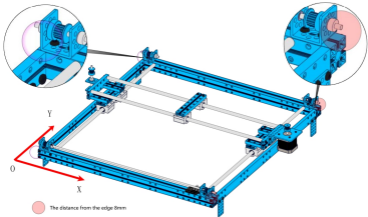
8x Flange Bearing 4x5x3mm

11x Headless Set Screw M3x5

8x Screws M4x8







-  The distance from the edge 8mm
-  The distance from the edge 3mm

2x Open-end Timing Belt (3.3m)

2x Belt Connector

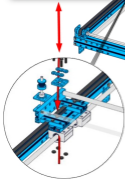
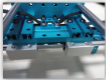
4x Curtable Linkage 3

4x Screw M4x16

4x Screw M4x8

8x Nut M4





Step 1



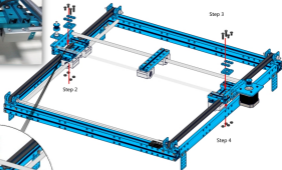
Step 2



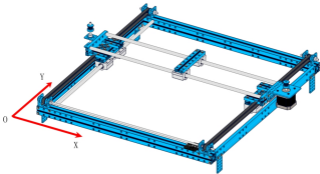
Step 3



Step 4







1xBracket 3x3



1x Belt Connector



1xOpen-end Timing Belt (1.3m)



2xScrew M4x16

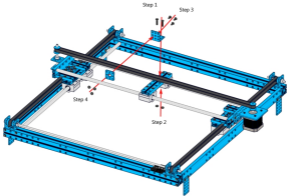


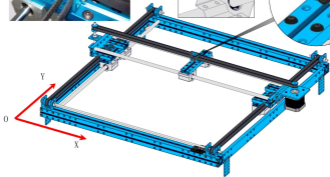
3xScrew M4x8



5xNut M4







1=42BYG Stepper Motor



1=42BYG Stepper Motor Bracket



1=Beam 0824 112



1=Flexible coupling 4x4mm



1=Plate 3x6



5=Screw M4x16

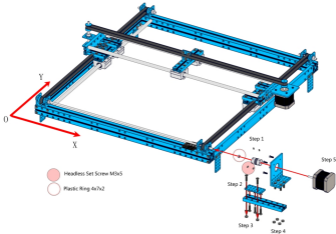
6=Nut M4

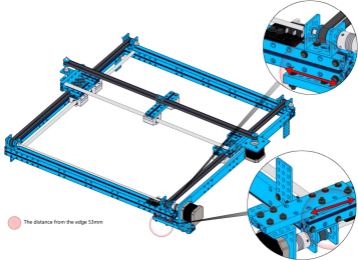
4=Screw Countersunk M3x8

4=Headless Set Screw M3x5

1=Plastic Ring 4x2







1x Pencil, etc (provide for oneself)

1x Beam 0824 80

1x Beam 0826 16

1x Beam 0806 72/80

1x Micro Servo - Fixed Slices

1x 9g Micro Servo

1x Threaded Shaft - 4x22mm

2x Screw M4x30

2x Screw M4x36

2x Screw M4x8

2x Screw M2x10

3x Nut M4

2x Nut M2

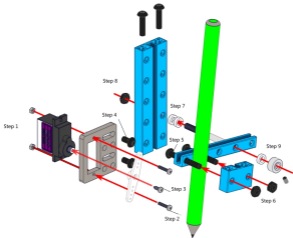
1x Screw Headless M3x5

1x Shaft Collar - 4mm

3x Plastic Ring 4x7x2



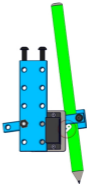




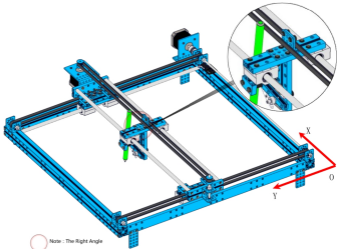


Note : The Right Angle

View 1



View 2



Note : The Right Angle

3=Micro Switch Button



3=LS Bracket



8=Cross Recessed Pan Head  
Tapping Screws: ST2.2 x 6.5



2 = Screw M4 x 8

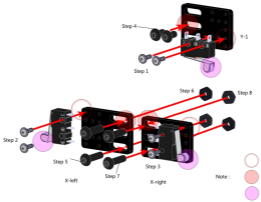


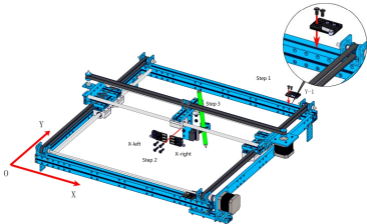
4= Screw M4 x 10

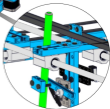
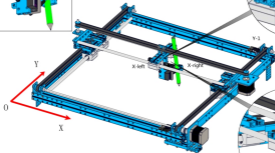


4= Nut M4









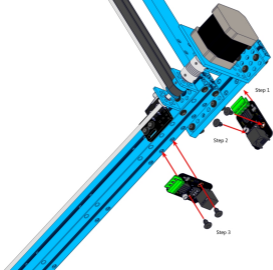
2x Mini Stepper Driver V1.0

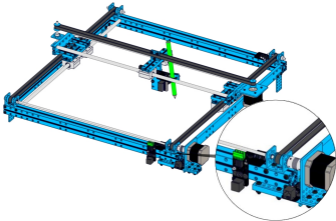


4x Plastic Rivet 4060









3 = Mc RJ25 Adapter



1 = Bracket 3x3

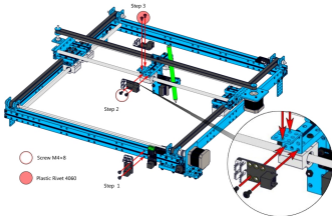


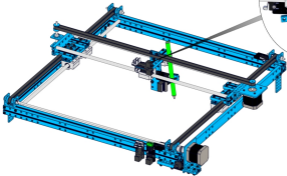
2 = Screw M4x8



4 = Plastic Rivet 4000







1= Me Baseboard



1= Base Board Plate

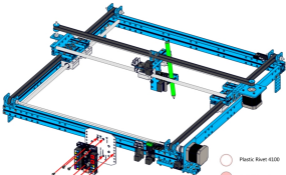


2= Screw M4x8



4= Plastic Rivet 4300



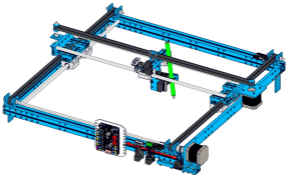


Step 1

Step 2

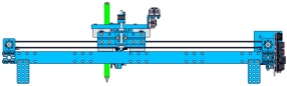
Plastic Rivet 4100

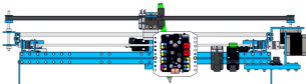
Screw M4 x 8

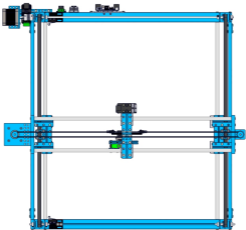


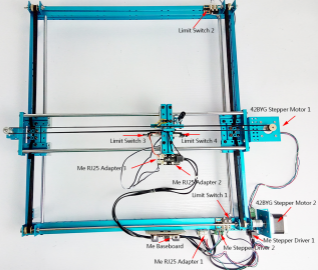
The distance from the edge 149mm

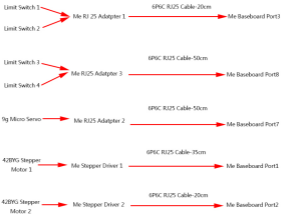


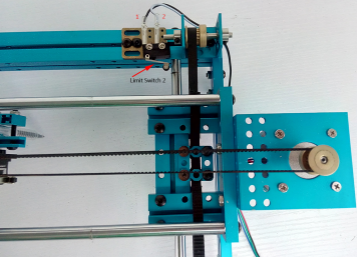








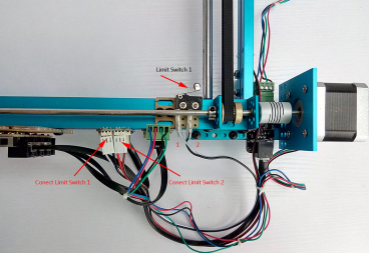


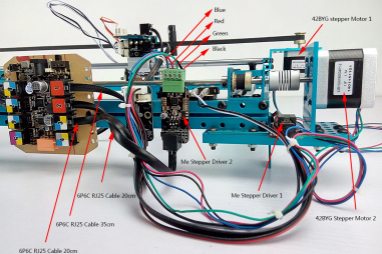


1

2

Limit Switch 2





Blue  
Red  
Green  
Black

42BYG stepper Motor 1

42BYG Stepper Motor 2

Me Stepper Driver 2

Me Stepper Driver 1

6P6C RJ25 Cable 20cm

6P6C RJ25 Cable 35cm

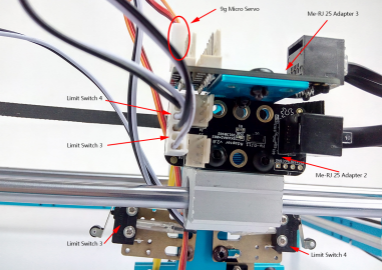
6P6C RJ25 Cable 30cm

42BYG0020-1  
1.2V 0.1A  
1801461193



Limit Switch 3

Limit Switch 4



5g Micro Servo

Me-RJ 25 Adapter 3

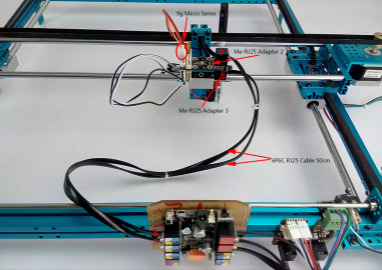
Limit Switch 4

Limit Switch 3

Me-RJ 25 Adapter 2

Limit Switch 3

Limit Switch 4



9g Micro Servo

Me-RJ25 Adapter 2

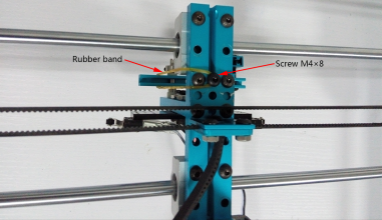
Me-RJ25 Adapter 3

GP6C RJ25 Cable 50cm

5

Rubber band

Screw M4×8



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