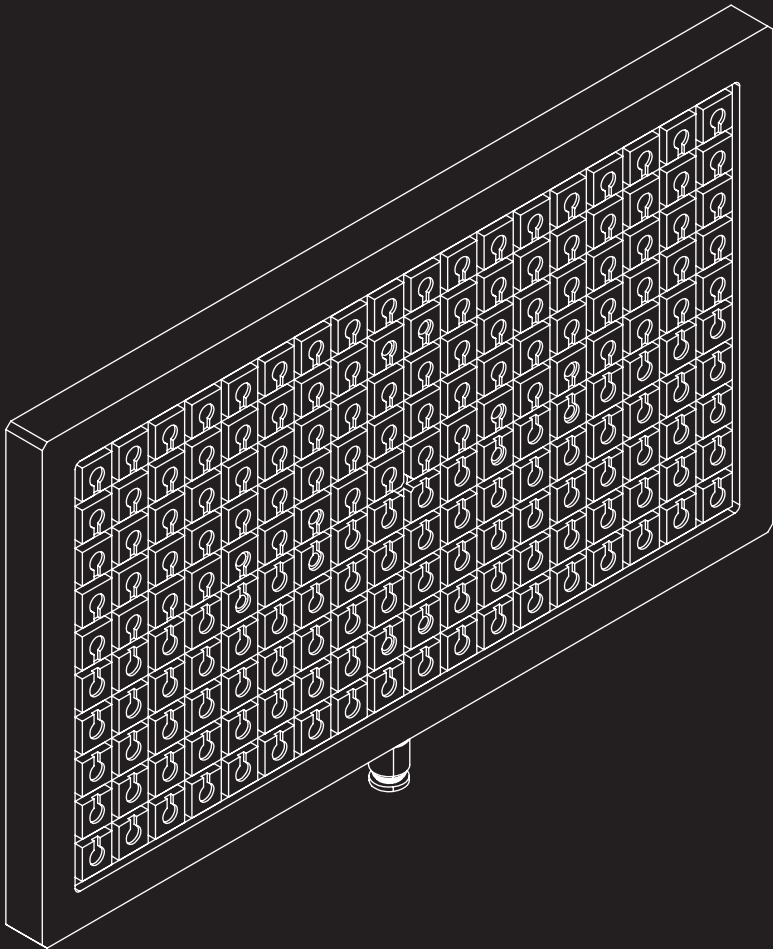


Genmitsu

CNC Aluminum Vacuum Table Assembly Guide



Package List



- 1 Vacuum Table,
A6061, 300x180x15mm



- 2 Fixed Plates,
42x32x3mm (2)



- 3 Silicone Sealing Strip,
Φ3.5, 200cm



- 4 Internal Hexagonal Wrench,
2.5mm, 4mm, 5mm



- 5 Socket Cap Screw,
M5*12 (5)



- 6 Socket Cap Screw,
M6*12 (11)



- 7 Tube Coupling,
C6-M5



- 8 Reducing Union
Connector, PG10-6



- 9 Assembly Guide



- 10 Air Tubing Pipe
Hose, 15cm



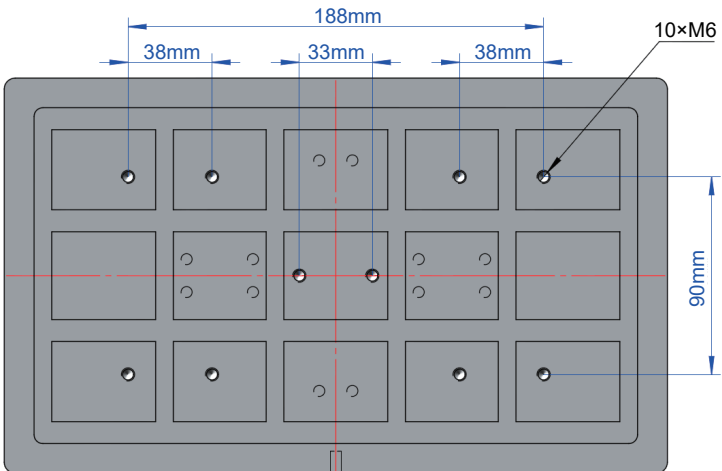
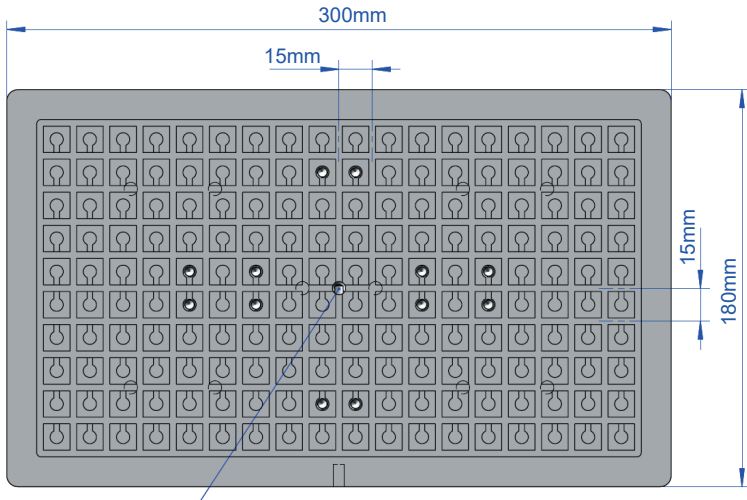
- 11 Flat Washers,
M6 (11)

Note:

1. Please wear protective glasses and other protective equipment before operating this vacuum table.
2. Please make sure that the contact side of the engraving material should be smooth and flat, without the air leakage points. The recommend engraving size range is: minimum size 33*33mm, maximum size 180*300mm.
3. The silicone sealing strip should be enclosed as a airtight circle according to the engraving material size. It will be much more better to circle a larger area. Also, please make sure that the air suction hole is inside the circle.
4. Please make sure that there is no air leakage points at the interface of the silicone sealing strip when forming a circle.
5. Please make sure that the material is firmly gripped before engraving. Otherwise, the material may leave the setting position during operation. You should use the fixed plates at the edges of the material when the workpiece is small.

Specification

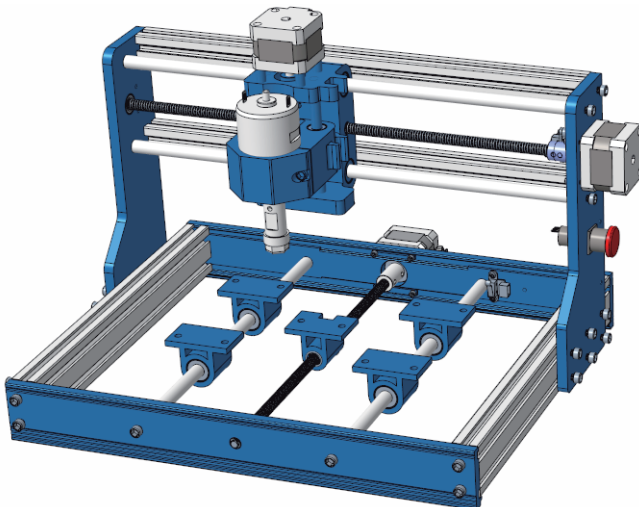
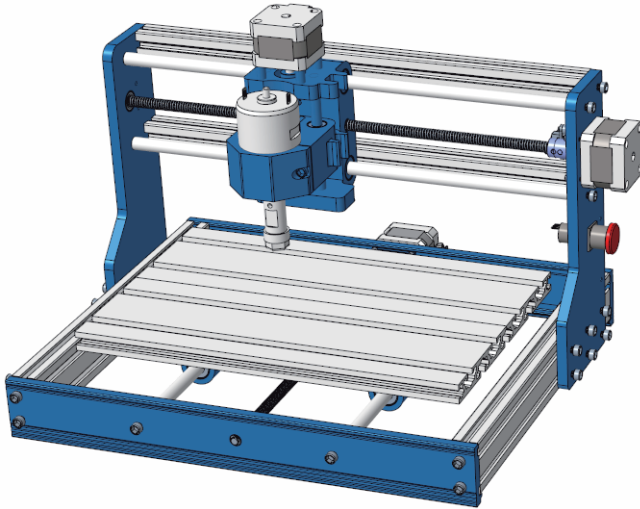
1. Material: A6061 Aluminum
2. Weight: 1.9KG (4.19 LBS)
3. Recommended adsorption size range:
minimum 33mm*33mm, maximum 153mm*273mm
4. Compatible CNC Machine: 3018-PROVer / PROVer Mach3
5. Dimensional Drawing:



Step 1

Remove the Original Aluminium Plate from the Machine

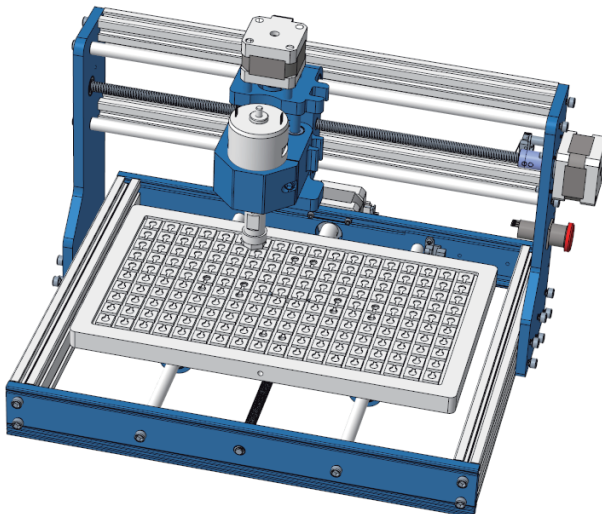
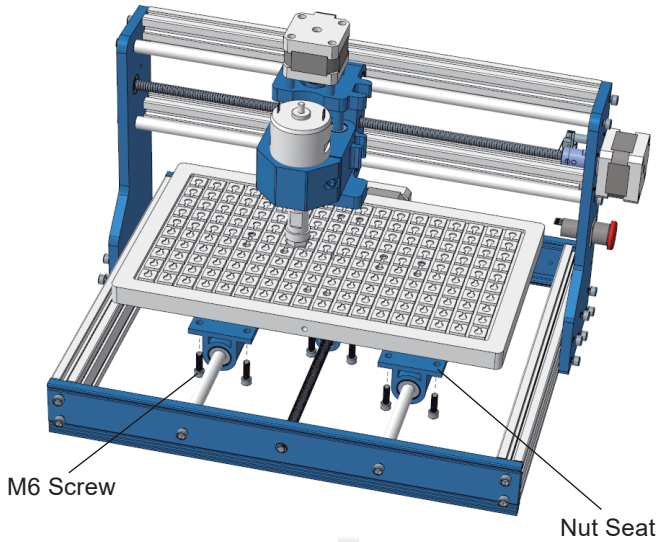
Remove 10 pieces of M5 screws from the back of the aluminium plate with a 4mm hex key.



Step 2

Install the Vacuum Table

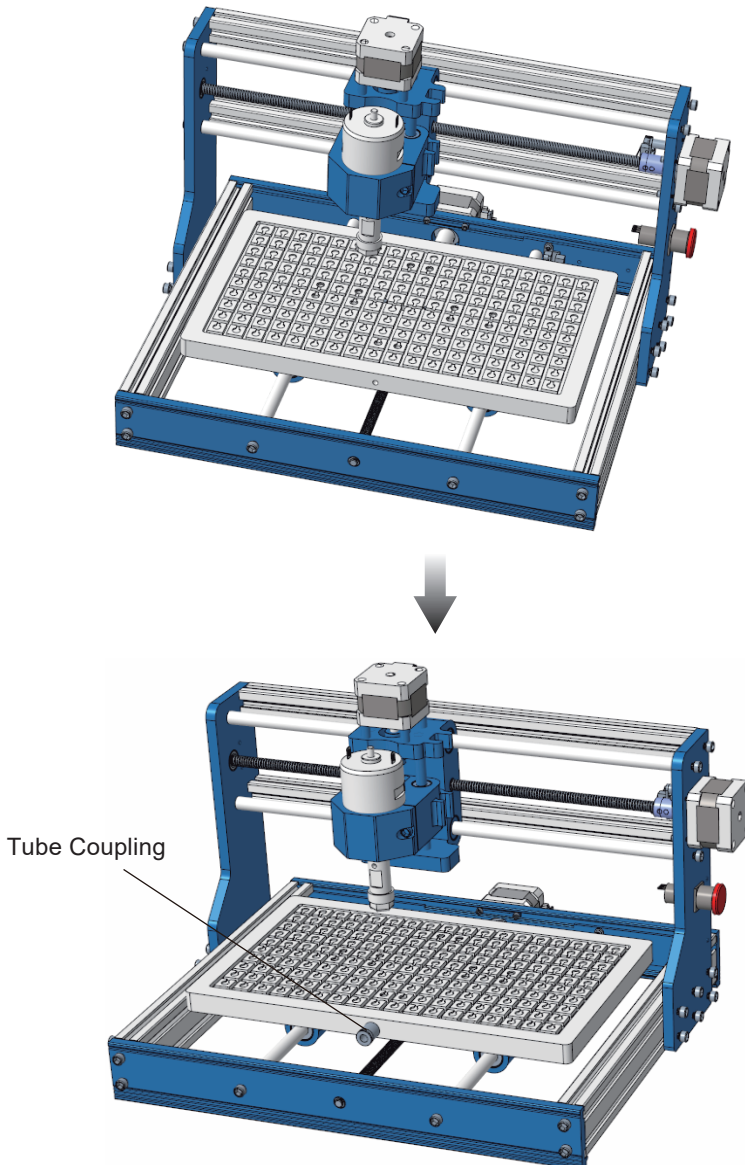
Place the vacuum table on the nut seats and align the threaded hole of the vacuum table with the hole of the nut seats, install 10 pieces of M6 screws and lock them with a 5mm hex key.



Step 3

Install the Tube Coupling

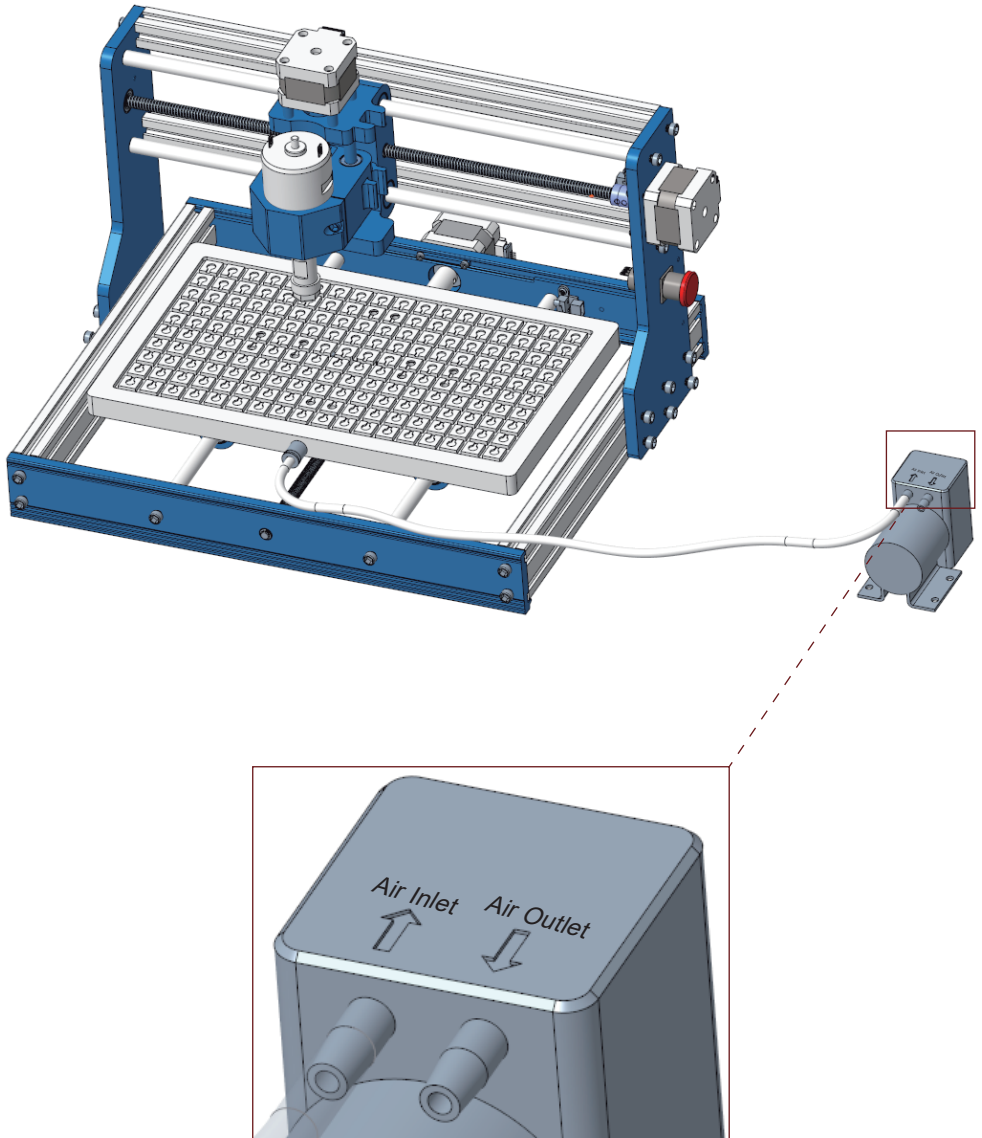
The tube coupling should be installed at the position as the below image shows. Then tighten it with a 2.5mm hex key.



Step 4

Connecting the Vacuum Table to the Vacuum Pump

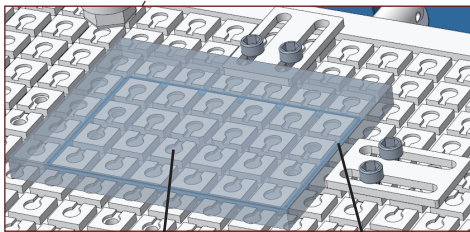
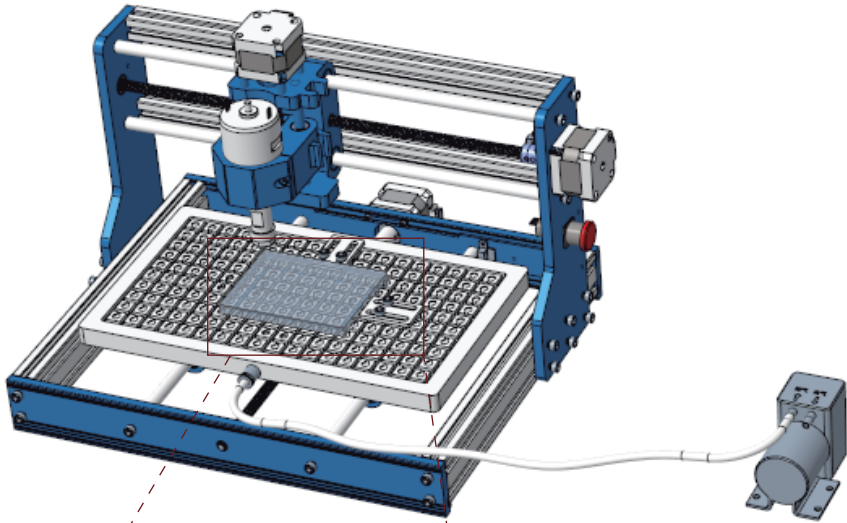
Connect the vacuum table to the vacuum pump as the below image shows. Please make sure that you choose the correct port of the vacuum pump.



Step 5

Fix the Engraving Material

As the below image shows, the silicone sealing strip should be installed in the inner vacuum table slot that closest to edge of the material. Then lock 4 pieces of M5 screws that on the mount plates with the included 4mm hex wrench.

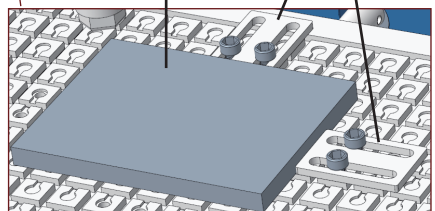


Silicone Sealing Strip

The position of the suction holes must be concentric with the centre of the engraving material.

Engraving Material

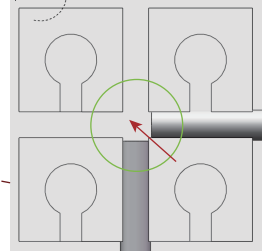
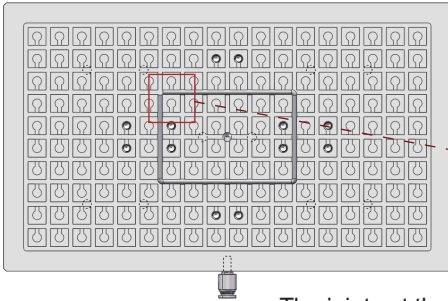
Fixed Plate



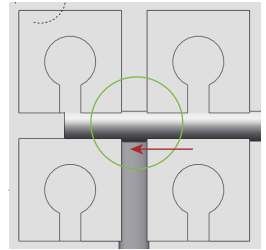
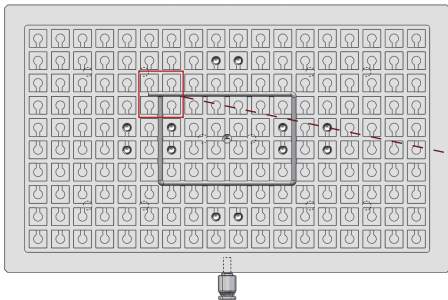
Step 6

Silicone sealing strip Setting

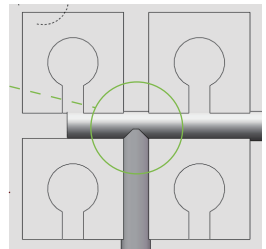
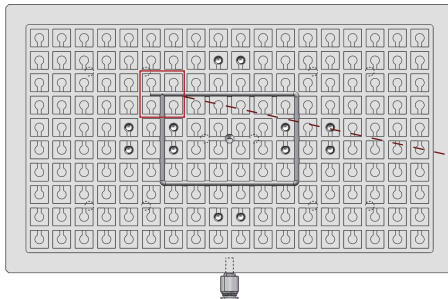
The tube coupling should be installed at the position as the below image shows. Then tighten it with a 2.5mm hex key.



The joints at the ends of the silicone sealing strip are not overlapping and crossing. There are air leakage points.



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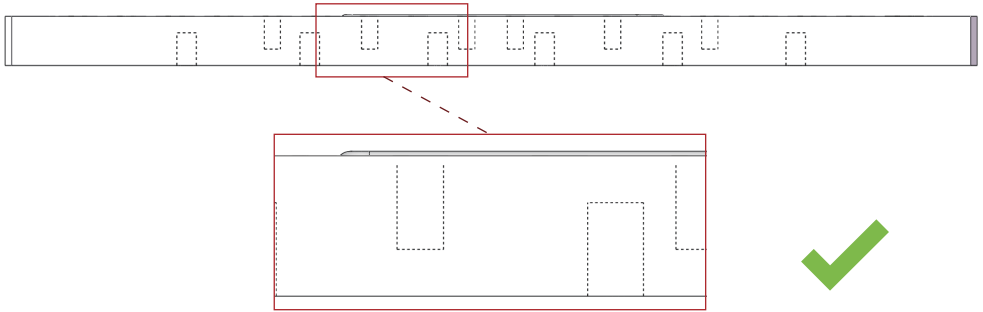


The joints at the ends of the silicone sealing strip is overlapping, crossing and been squeezed tightly. There isn't any leakage points.

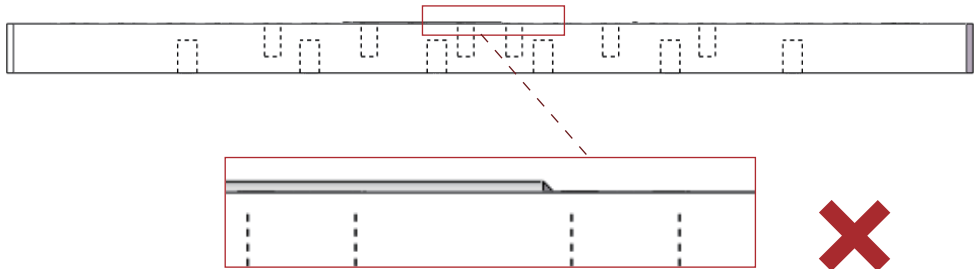
Step 6

Silicone sealing strip Setting

The tube coupling should be installed at the position as the below image shows. Then tighten it with a 2.5mm hex key.

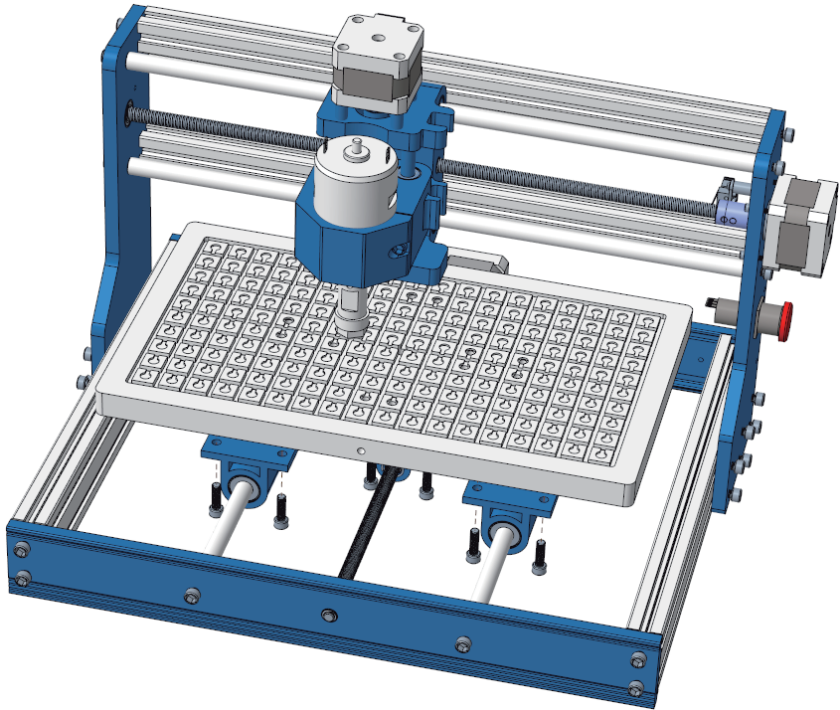


When viewed from the side, the tops of the silicone sealing strip are all exposed outside the platform and there are no air leakage points.



The silicone sealing strip is stretchy. Overstretching may make the diameter of the silicone sealing strips smaller. When viewed from the side, the tops of the strip is not exposed outside the platform and there are air leakage points.

Assembly Overview



If you need any assistance, please contact us via:

✉ Email: support@sainsmart.com

📘 Facebook messenger: <https://m.me/SainSmart>

Help and support is also available from our Facebook Group

