



FYS Multi-roll consumable drying box

Installation and Operation Instruction

☆ Please refer to this guide to complete the installation of the tool.



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产品链接: <https://www.thingiverse.com/thing:6660002>

Parts List



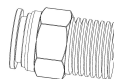
M3 hexagon
thin nuts (x12)



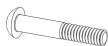
M3x8 Countersunk
head hexagon socket
screws(x10)



M3x5x4 studded
nut(x140)



PC4-01 Pneumatic
connector straight
through black(x5)



M3x18 Hexagon
socket head cap
screws (x2)



M3x40 cheese
head socket head
cap screws (x4)



M3x8 Hexagon socket
head cap screws with
round head (x140)



M3x10 Hexagon socket
head cap screws with
round head (x4)



6x3mm Neodimium
Magnet(x8)



Orange
buckle(x7)



Switch(x1)



5x85mm Shaft(x10)



power
supply(x1)



Tracheal
claw(x7)

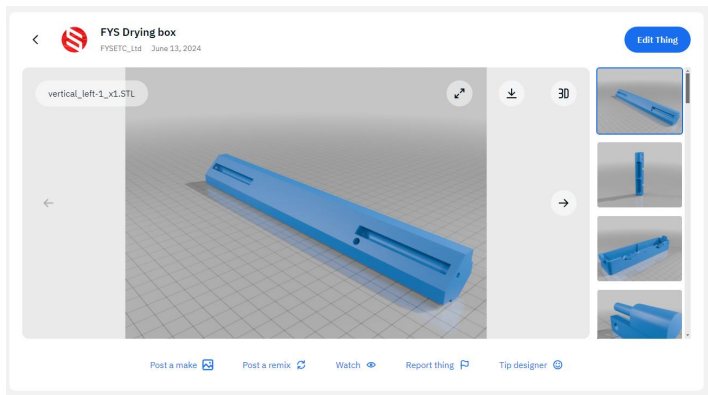


625 Bearing(x20)



7530 Fan(x2)

Installation instructions

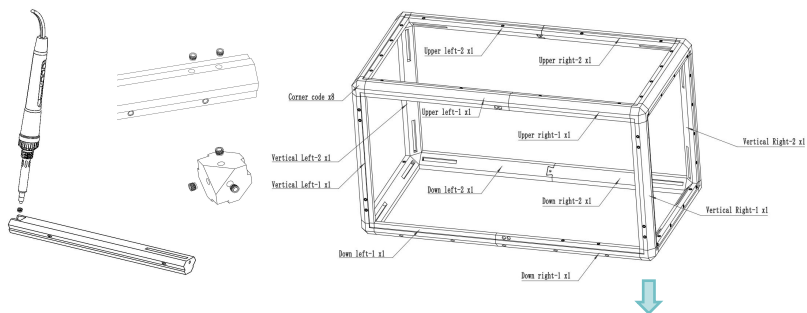


- ① First, download the STL file from the link. Make a print.
(<https://www.thingiverse.com/thing:6660002>)

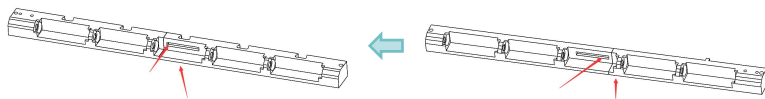
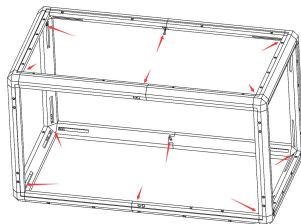
Notice: When printing, please note that the end face of the printed part must be vertical, otherwise the product will be deformed after assembly.

- a. Print the shrink tool in your material at 100% scale;
- b. Measure the size of the printed piece, the length should be 475mm;
- c. Divide 475mm by your measured value to get the shrinkage percentage;
For example: the measured length is 475mm.
Calculate shrinkage; $475 / 473 \times 100 = 100.42\%$
- To compensate for shrinkage, print at 100.42%
- d. Print the shrink tool again on the same material according to the found proportion;
- e. Verify the length of the tool. It should be 475mm. A deviation of 0.4 +/- is acceptable

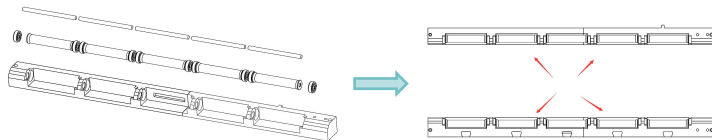
Installation instructions



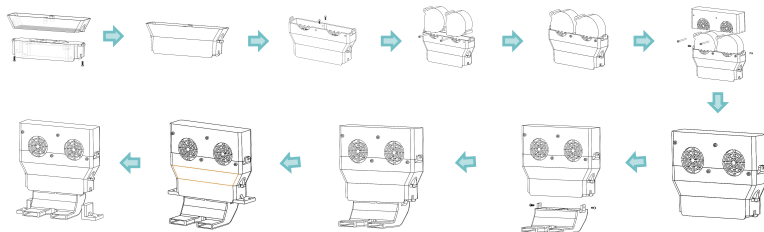
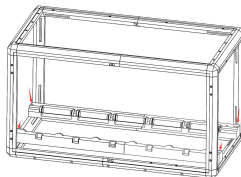
- ② Welding M3 hot melt nuts on printed parts.And peel off the protective sticker on the acrylic board
- ③ Assemble according to the structural sequence shown in the figure and use M3x8 screws to fix it.
- ④ Assemble the tray frame and fix it with M3x8 screws.



Installation instructions

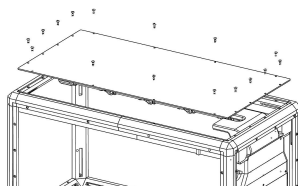
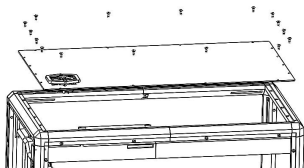
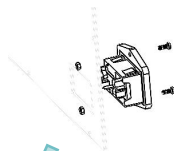
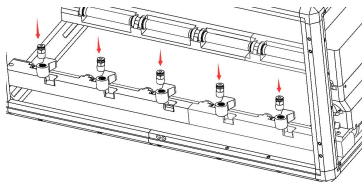
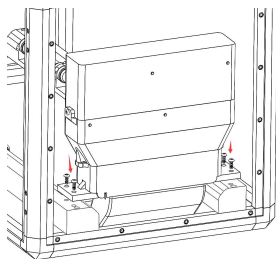


- ⑤ Pass the $\varnothing 5 \times 85 \text{mm}$ shaft through the roller print, install 625 bearings on both ends, and install the roller assembly to the pallet rack in step ④;
- ⑥ Install the components in step ⑤ to the frame in step ③ and fix them with M3x8 screws at both ends;
- ⑦ Installation: Follow the steps below to assemble the printed parts and use M3x8- 8 Pcs and M3x40- 4 Pcs for fixation.



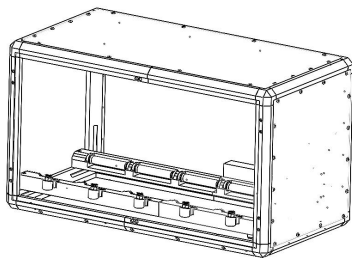
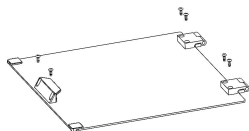
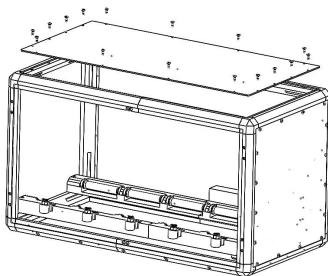
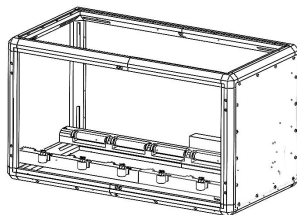
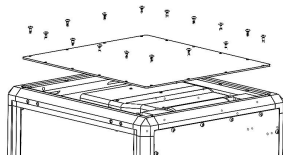
Installation instructions

- ⑧ Install step ⑦ on step ⑥ and use M3x8- 4 Pcs to fix it;
- ⑨ Install the PC4-01 pneumatic connector on the Spout x5 bracket and install it on the material rack;
- ⑩ Install the acrylic base plate and use M3x8- 12 Pcs for fixation;
- ⑪ Install the power socket on the acrylic back panel and lock it with a flat head M3x8-2 Pcs+M3 nut;
- ⑫ Install the back panel on ⑥ and use M3x8- 12 Pcs to fix it;



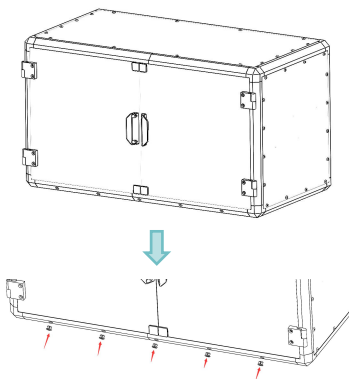
Installation instructions

- ⑬ Install acrylic panels on both sides and use M3x8- 24 Pcs for fixation;
- ⑭ Install the upper cover and use M3x8-12 Pcs to fix it;
- ⑮ Install Hinge, Handle, Door Stopper on the acrylic panel of the door panel and use M3x8- 12 Pcs+M3 nuts to fix it;



Installation instructions

- ⑰ Install the assembled ⑮ on ⑭ and use flat head M3x8- 8 Pcs to fix it;
- ⑱ One end of the power supply is connected to the fan extension cord, and the other end is connected to the switching power cord of the socket; the fan extension cord is connected to the fan, and the power supply is placed on the back panel;
- ⑲ Finally, insert the pneumatic switch claw at the interface, insert the Teflon tube, and the assembly is completed.。





Thanks!



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