



Solution Innovation

3D Systems Solution

전문가를 위한 최적의 3D Printer Series
상상하는 모든 것을 구현해 드립니다.

TPC 3D PRINTER

FINEBOT FB-9600

TPC Mechatronics corp.

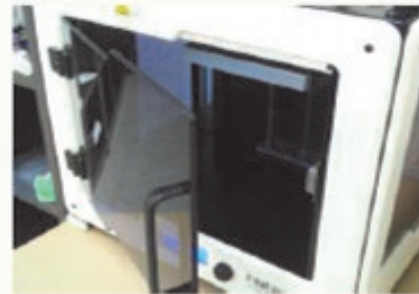
FINEBOT-AnyWorks



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Main features

- Strong steel frame.
- Vibration resistant.
- Long durability.



- Transparent front door.

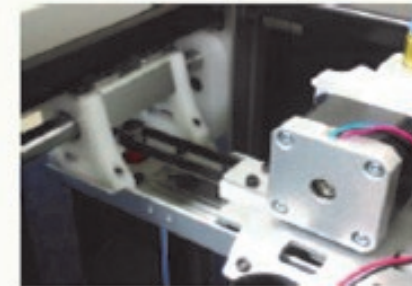


- Large bed(265x200mm)
- Max build size (265x200x180)

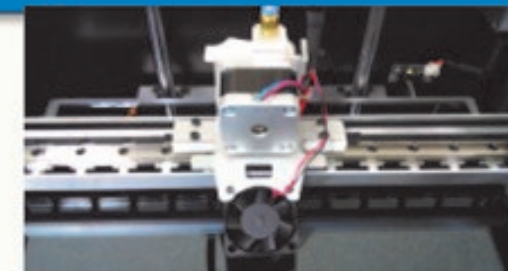


- OPEN SOURCE APPLICATION
- Easy software.
- Easy firmware.

- Engineering plastic applied.



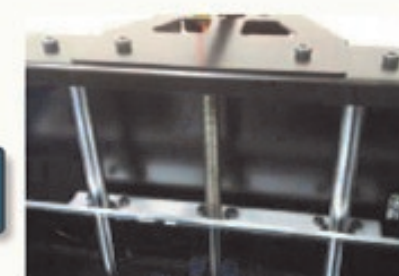
- Precise LM GUIDE applied (X axis)
- Strong SHEET METAL structure



- Aluminum profile post applied.



- BALL SCREW SIZE-UP



SALES POINTS

People are making all kinds of things with 3D printers, such as rapid prototype, RC parts, toys, accessories for industrial, educational and hobby purpose.

1. Durability and precise structure.

More shock resistant with strong metal frame and precise structure.

2. High precision and wide size of outputs

High resolution with 0.01mm high positioning.

Precise printing with max 0.05mm layers.

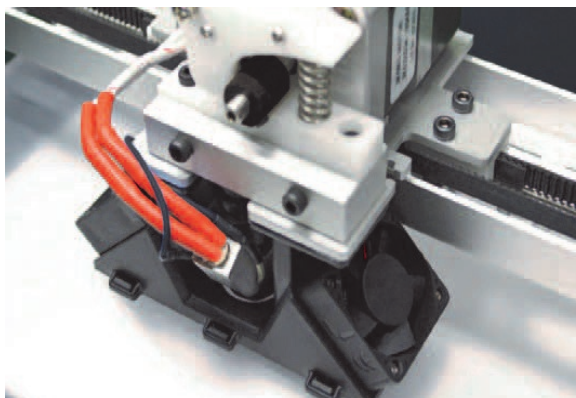
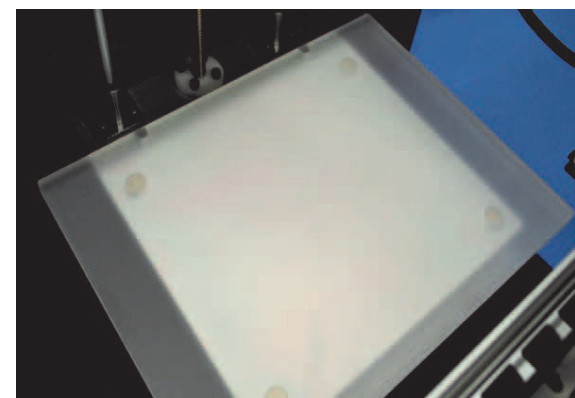
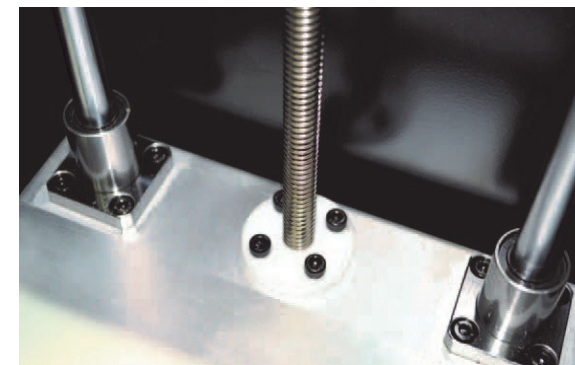
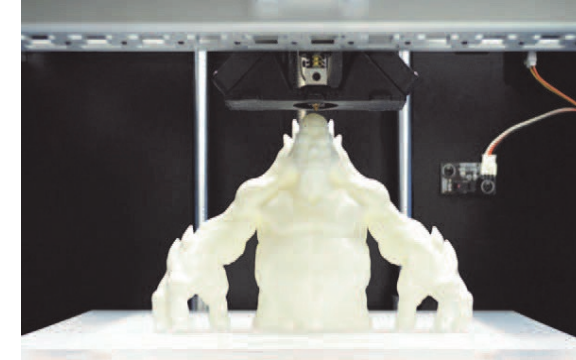
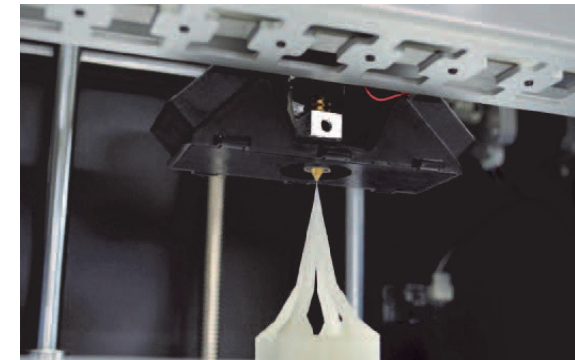
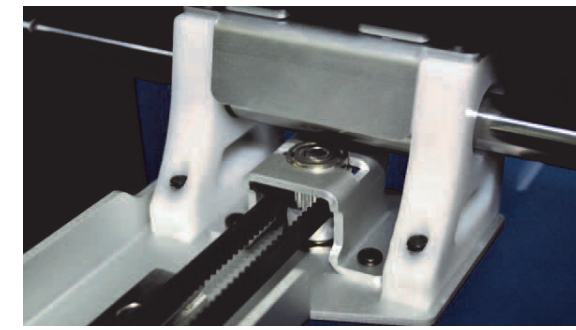
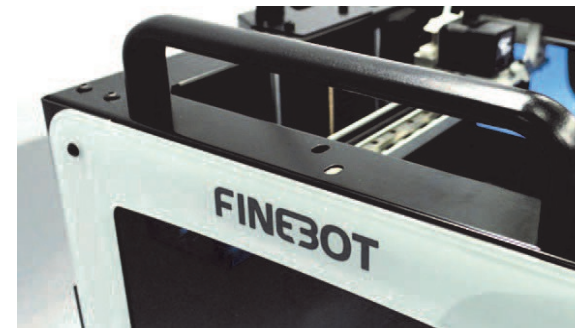
Max output : 265 x 200 x 180mm (49% bigger than competitor E)

3. High printing speed

High speed printing(150mm/sec) with vibration resistant and dual cooling fan.

4. Convenient usage

Detachable bed with magnet button and LCD control panel.



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FINEBOT FB-9600

► SPECIFICATIONS

Size : 480 x 400 x 425mm(W X D X H)

Bed size : 265 x 200(W X D)

Material of bed : acrylic

Max build size : 265 x 200 x 180mm (W X D X H)

Extruder : single (one color)

Moving motor : 2 phase bipolar 1.8 degree step motor

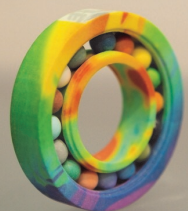
Weight : 18kg

► Printing

Diameter of nozzle : $\varnothing 0.4\text{mm}$

Accuracy of layers : 0.05~0.3mm

Accuracy of positioning : X,Y axis = 0.01mm, Z axis = 0.00625mm



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► Control

Main board CPU MAGA2560

Step motor control type 1/16 micro step control A4988

LCD 16 x 2 lines back light blue LED

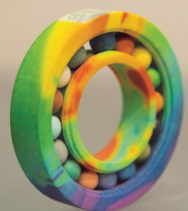
Electric power : 100~240V, 250W

► Software

File format : STL, OBJ, DAE, AMF, gcode

► Filament

Model : PLA(polylactic acid), ABS(Acrylonitrile butadiene styrene)
Ø1.75mm



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