

D4S IRON MAN



WANHAO Duplicator 4S



WANHAO has involve in 3D printer filed since early 2011. Several Roommates used all their pocket money and bought one Thing-O-Matic from Makerbot. This precious awesome machine brought these college students great enthusiasm in 3D project making and help these buddy build their dream. On 1st Oct WANHAO Duplicate the Thing-O-Matic and named it DEPLICATOR ONE. This 1st Generation Made In China 3D printer has combined most of the advantage of RepRap and Makerbot, and upgrade the extruder to Non Block one.

In June 2012 WANHAO has invent it's 3D printer with LCD displayer which is now called DEPLIATOR TWO. This is geat step that free your computer that you don't have to print while keep your computer running. Just a simple SD card will do all the rest job.

On 1st Oct 2012 WANHAO 2 EXTRUDER Printer, Duplicator 3, was be sold in our local market. This is big step for us.

On 18th June 2013, WANHAO Duplicator 4 with Improving extruding system make PLA printing like a piece of cake. All our Duplicator 3 customer can replace your D3 Nozzle with D4 PLA Nozzle free of charge. We hope Wanhao D4 Service Care program(For detail, please visit our website) can benifit all cusomers around the world.

Cheers!

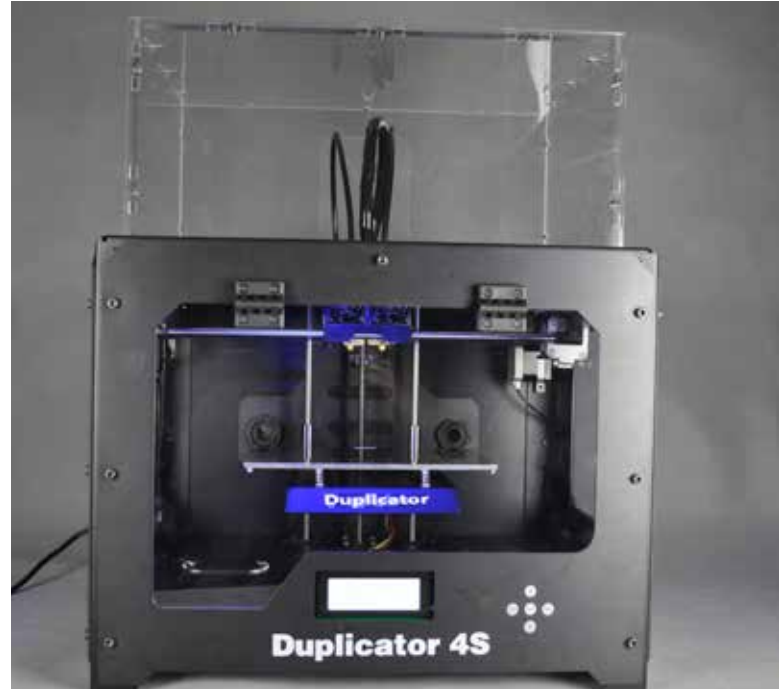
General Manager Frank Hua

Duplicator 4S over all view



Full covered heating chamber, No curving in ABS printing

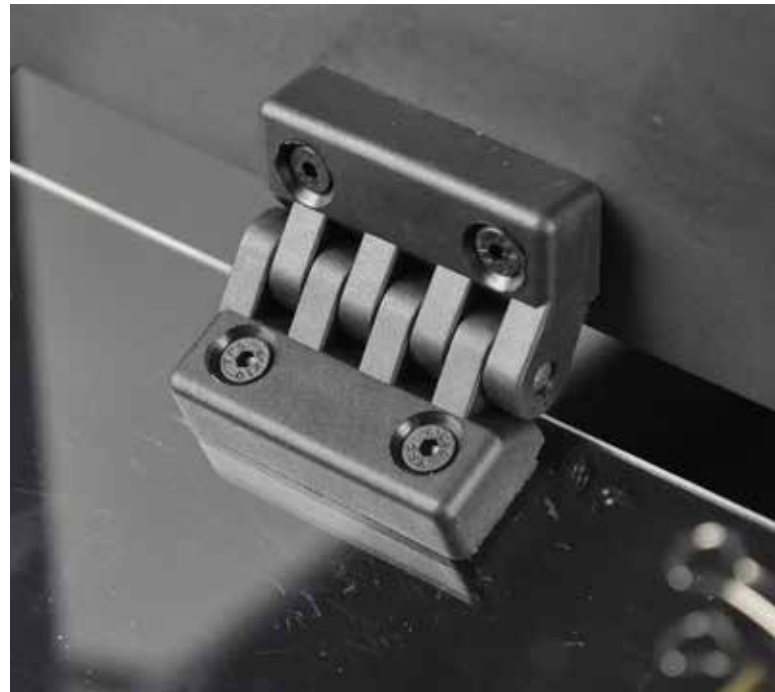
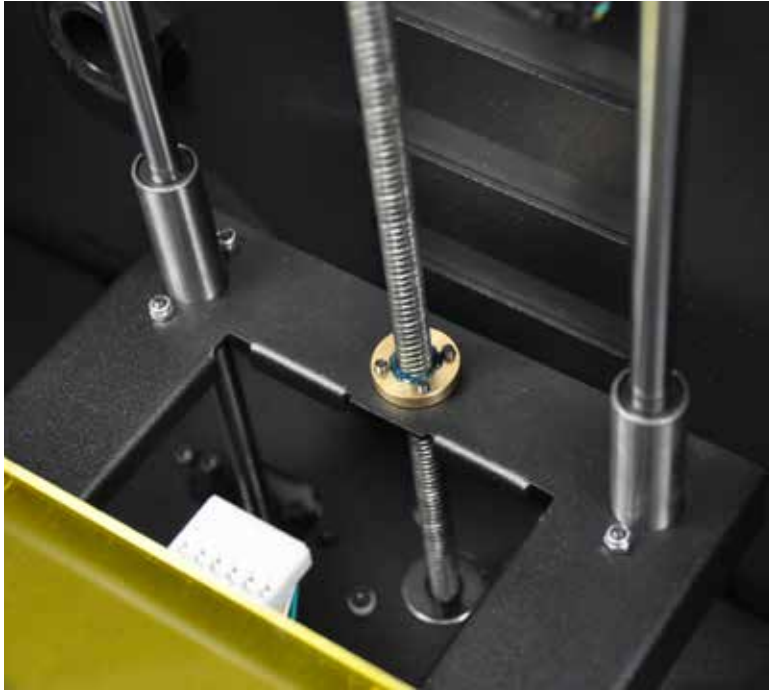
Side transparent Window, better view from side too.



Full steel structure, tough as a rock

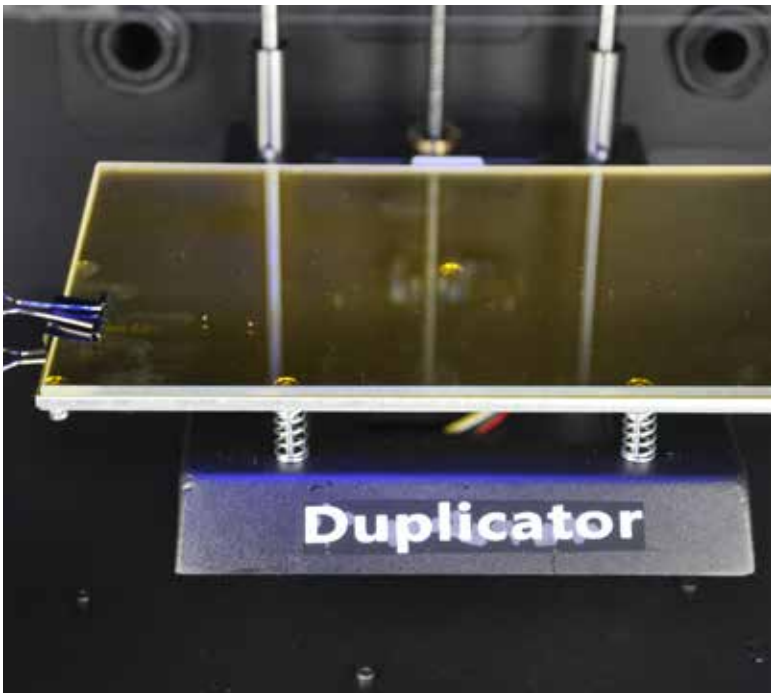
Better looking, better printing

Duplicator 4S Detail



Tough Steel platform, No shaking
Better printing quality ,

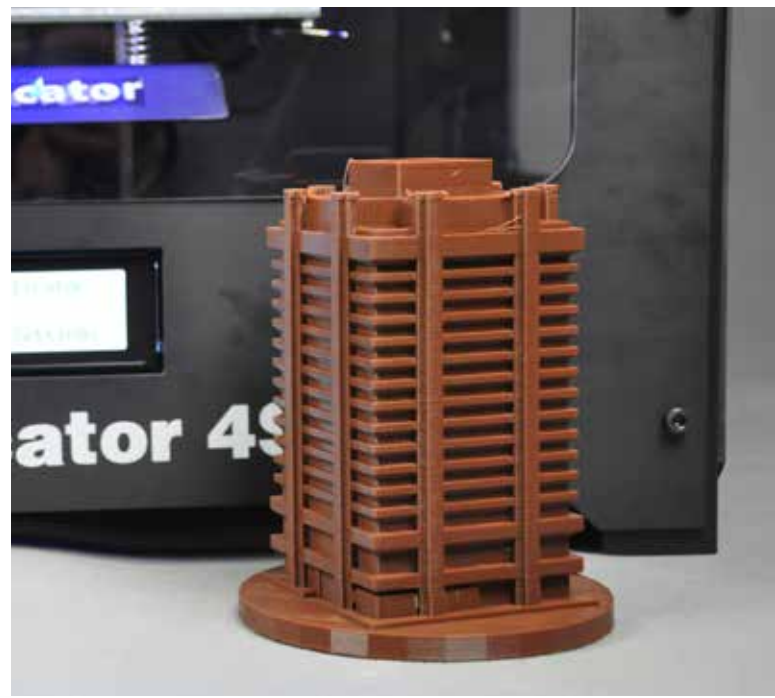
Every Screw and components are refined,
Better quality, better printer.



Full window cover ensure more consistant
temperature for ABS printing.

High strength silicon glass, flat as mirror,
make your print extrodinary flat than ever.

Duplicator 4S Print





DUPLICATOR 4S SPECIFICATION

MECHANICAL PROPERTY

Overall dimensions: 320 x 466 x 382 mm | 12.6 x 18.4 x 15 in

Shipping Weight: 25kg

Linear ball bearings

Precision ground 8mm shafts

Snap-on, snap-off carriage assemblies

ELECTRONICS PROPERTY

Duplicator 4S single-piece motherboard

5 axis, 1/16 micro-stepping motor control

4x20 LCD character display and multi-direction control pad

Piezoelectric buzzer

DOUBLE Power Supply: 110 AND 250V, 50/60Hz, 4.0A (input), and takes standard IEC cable

SOFTWARE: REPLICATORG/ SIMPLIFY 3D(Optional)

Compatibility: Linux, OSX, and Windows

Print from SD card or over USB

Input file type: STL, gcode

OVERVIEW FEATURES SPECIFICATIONS

Build envelope 225 x 145 x 150 mm | 8.9 x 5.7 x 5.9 in

Build volume About 5 liters

Layer thickness Choose 0.1-0.5 mm which is adjustable by software

Stock nozzle diameter Stock 0.4 mm

Speed 40 mm/s

Flow Rate Approximately 24 cc/hr

Extruder Temperature Recommended Maximum 230 C

Heated Build Platform 120 C Maximum

Positioning precision 2.5 micron on Z axis

11.micron on XY axis

MATERIALS

Works with ABS, PLA and other materials

Filament diameter: 1.75 mm