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WANHAO 3D PRINTER

Duplicator5S MINI Catalogue



MAX 295*195*205MM

Resolution 0.02mm

Speed 300mm/second

Software: Wanhao Maker

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WANHAO Duplicator 5S MINI





Thanks Joining of John from MIT and Mike from Tsinghua. Wanhao has developed it's own Software WANHAO MAKER1.2.5.2210. and superior Printer Duplicator 5S. This is super fast printer, 300mm/second printing speed and unique slicing software. Any huge object can be sliced at least 3 times faster compared with before. At same time it's quilter than any Wanhao Machine before. Wanhao keeps improving it's quality and technical support. There are over 25 office over 25 countries shall provide you fast and efficient service in no time. Choosing Wanhao, Choosing Future!

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.

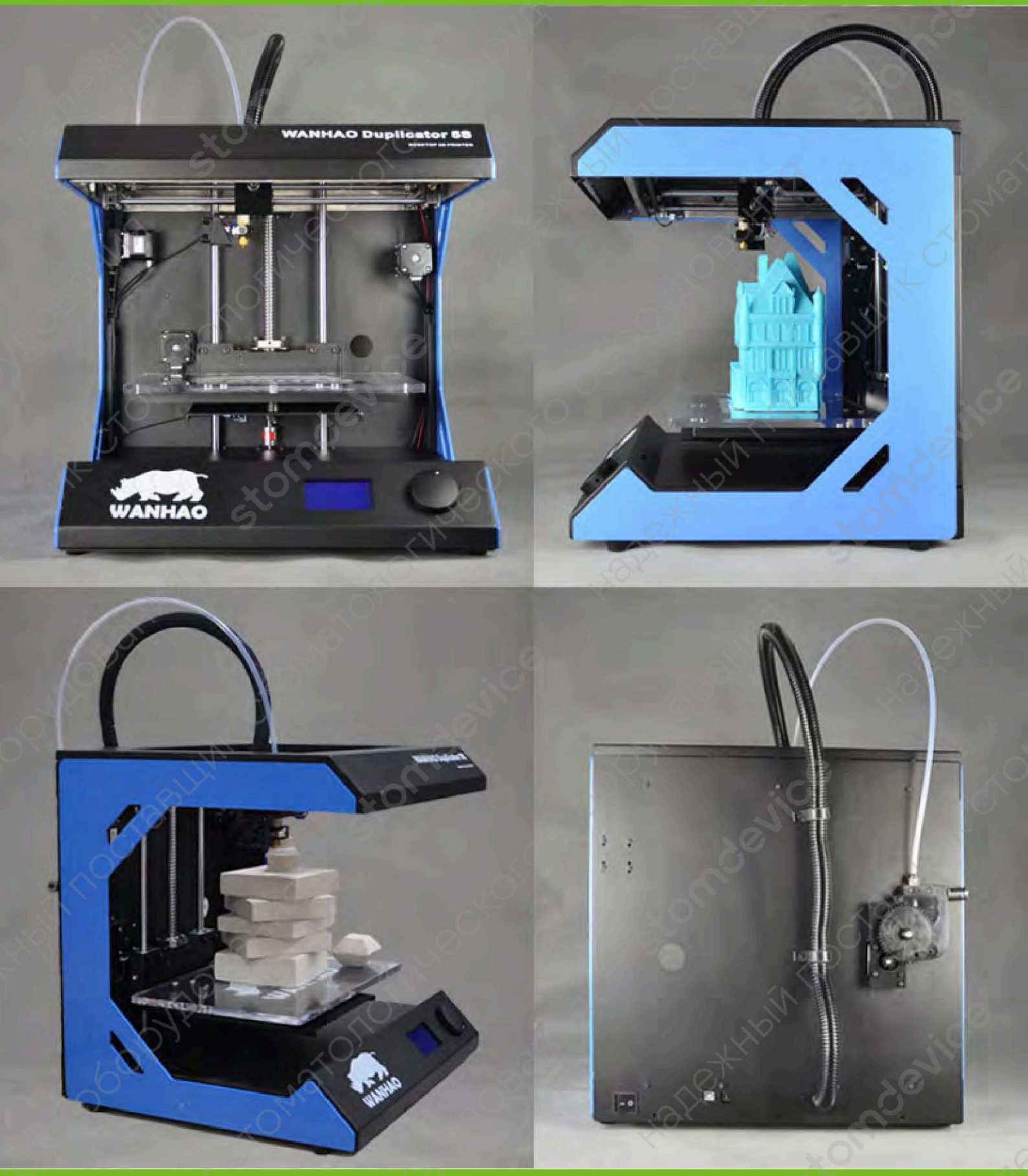
On 1st Oct 2012 WANHAO 2 EXTRUDER Printer, Duplicator 3, was be sold in our local market. This is big step for us.

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.

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DUPLICATOR 5S MINI SPECIFICATION

MECHANICAL PROPERTY

Shipping Weight: kg (lbs)
Linear ball bearings
Precision ground Core XY.
Snap-on,snap-off filament assemblies
Full Extreme Rock XV steel Structure

ELECTRONICS PROPERTY

4 axis, 1/16 micro-stepping motor control
4x20 LCD character display and turning and press control pad
Piezoelectric buzzer
Universal Power Supply: 115-250V, 50/60Hz, 4.0A (input), and takes standard IEC cable

SOFTWARE: WanhaoMaker

Compatibility: Linux, OSX, and Windows
Print from SD card or over USB
Input file type:STL

OVERVIEW FEATURES SPECIFICATIONS

Build volume About 34 liters
Layer thickness Choose 0.02-0.4 mm which is adjustable by software
Stock nozzle diameter Stock 0.4 mm
Speed 20-300 mm/s
Flow Rate Approximately 200 cc/hr
Extruder Temperature Recommended Maximum 200-230 C
Positioning precision 2.5 micron on Z axis
11micron on XY axis

MATERIALS

Filament diameter: 3.0 mm

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WANHAO DUPLICATOR 4/5S COMPARISON CHART

DUPLICATOR
POWEREDGE

	DUPLICATOR 4	DUPLICATOR 5S MINI
Description	D4, black, double extrude	D5S MI I, single extruder
Out Look		
Printing Volume		
	225*145*150mm	295*195*205mm
Printing Speed		
	30mm/s to 80mm/s(maxmal)	30mm/s to 300(maxmal)
Layer Thickness		
	0.1mm-0.4mm	0.02mm-0.4mm
Extruder Quantity		
	2	1
Slicing Speed		
	2	1
Soft Ware		
	Open Source	Made by Wanhao
	Replicator G	Wanhao Imaker
Case Material		
	Plastic Cover	Steel Cover
	DPP plat	Extreme XV Rock Steel Structure
Printing Mate		
	ABS/PLA 1.75mm	PLA 3.0mm
Conclusion		
	Duplicator4 is more suitable for family usage.For small object and longer slicing and printer time.The 100 micron resolution is sufficient for most users.	Duplicator5S is designed for printer large size object.We design it for designer and industry level usage. And 20 micron resolution is very much accurate with D4.
	Duplicator 4	Duplicator 5S MINI

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