

**Bill of Materials for the Isis One Dual Extruder 3D Printer by Isis3D. Design is released under the Creative Commons Attribution---ShareAlike 4.0 International License.**

<b>FRAME</b>	<b>Qty.</b>	<b>HARDWARE</b>	<b>Qty.</b>
350 mm extrusion	2	M2.5x10	6
360 mm extrusion	1	M2.5 pem nuts	6
400 mm extrusion	5	M3x3 set screw	2
510 mm extrusion	4	M3x5 set screws	10
L brackets	4	M3x5 FH	8
Slot cover	0.4	M3x5	6
		M3x10 FH	3
		M3x10	24
		M3x14	6
		M3x18	6
		M3x25	
		M3x30	8
		M3 washers, thin	3
		M3 washers, thick	8
		M3 pem nuts	24
		M3 thumb screw heads	1
		M4x8	4
		M5x10	82
		M5x12	16
		M5x14	6
		M5x14 FH	8
		M5x18	4
		M5 x 30 BHCS	2
		M5 black washers	92
		M5 PEM Nuts	8
		M5 thin nuts	8
		M6 thin nuts	4
		M8 washers	16
		Bed rubber washers	8
		Rubber Feet	4
		T-slot nuts	81
		Zip ties (normal 4")	
		Zip tie for backend	1
		Zip tie for shipping (long)	2
		Zip tie for shipping (short)	2
<b>ELECTRONICS</b>	<b>Qty.</b>		
Bed Heater	1		
Cable Wrap, 1 ft.	8		
Cable Wrap, printhead, 1 ft.	4		
Cartridge heaters	2		
Cooling Fan, 50 mm	2		
DBL Switch (leverless)	1		
Heatsrink Tubing, 2 ft	1		
Heatsrink, 18 awg			
Heatsrink, Thermistors	0.3333		
Printhead	1		
LCD Screen	1		
Nema 17	6		
Power cord	1		
Power Socket	1		
Power Switch	1		
PSU, 24V	1		
RAMBo Board/adapter	1		
Servo for DBL	1		
Spade terminal	3		
Thermistors (honeywell)	2		
Wire, 18/2, zipcord, 1 ft.	9.8		
Wire, 24/2, zipcord, 1 ft.	9.3		
Wire, 22/4, jacketed, 1 ft.	9.9		
Wire, 22/2, shielded, 1 ft	14.5		
Wire, 22/4, shielded, 1 ft	5.2		
<b>X-Y-Z AXES</b>	<b>Qty.</b>		
Z Couplers	2		
X Carriage Plate	1		
Al Lower Y sheet	1		
20x20 V-Slot Rail, 1 m	2		
20x40 V-Slot Rail, 1 m	0.5		
Wheels	17		
X Idler	2		
Eccentric spacers	7		
Acme Threaded Rod Leadscrew	2		
Acme Steel Leadscrew Nuts	2		
PC Corners, 1 ft.	0.5		
GT2 Belt, 1 m	2		
GT2 Pulley, 20 tooth	2		
Boro	1		
Acrylic, 1/8"	0.333		
Acrylic, 1/4"	0.667		