

# Printbot Plus Bill of Materials

Plastic Parts			LaserCut Parts	
QTY	Part #	Description	QTY	Description
1	LGGR	Large Herringbone Gear	1	LaserCut Print Bed (9.5x14")
1	SMGR	Small Herringbone Gear	1	Base sub-assembly S01
2	PULY	XL Belt Pulley	1	Bridge sub-assembly S02
			1	X-carriage sub-assembly S03
			1	Extruder Mount sub-assembly S04
Bearings			1	LaserCut PLUS Base Stand - Left
QTY	Part #	Description	1	LaserCut PLUS Base Stand - Right
4	LME12UU	12mm Linear Bearing	1	LaserCut PLUS Base
7	LM8UU	8mm Linear Bearing	1	LaserCut PLUS Bridge
3	Kit8031	608ZZ Shielded Bearings		
17	ZT	Zip Ties		
8	TZT	Thick Zip Tie		
			Nuts & Bolts	
Heat Bed/Cables			QTY	Description
QTY	Part #	Description	40	Bolt - #6-32 0.5"
1	PRB-3000	Heat Bed (8" x 8")	24	Bolt - #6-32 0.75"
3	EES	Endstop	15	Bolt - #6-32 1"
1	EHEPC	Hotend Power Cable	10	Bolt - #6-32 1.25"
1	EHETC	Hotend Thermistor Cable	10	Bolt - #6-32 1.5"
1	ETC	Thermistor with Cable	10	Bolt - #6-32 2"
			1	Button-Head Cap Screw 5/16th 1.25"
Rods			4	Bolt - M3 18mm
QTY	Part #	Description	2	Bolt - M3 25mm
4	8mm x 13"	8mm x 13" Smooth Rod	24	Bolt - M3 8mm
2	12mm x 13"	12mm x 13" Smooth Rod	2	Fender Washer - 1.25"
2	11"	11" Threaded Rod	100	Nut - Hex - #6-32
			3	Nut - Hex - #6-32 (locking)
Belts			3	Nut - Hex - 5/16"-18
1		20" Belt	1	Nut - Hex - 5/16"-18 (locking)
1		33" Belt	10	Nut - M3
			4	Nylon Spacer - 16mm
Electronics			2	Nylon Spacer - 8mm
QTY	Part #	Description	4	Retainer Ring
1	ELB	Electronics Board	2	Vinyl Tube - 0.75"
1	YCAB	Y Adapter for Power Cable	100	Washer - #6
1	JMPR	2" Green Jumper Cable	6	Washer - 0.25"
1	UHE	Ubis Hot End		
1	EEXC	Extruder Extension Cable	Extruder Hardware Bag	
1		Z Motor Coupler	QTY	Description
5		Large Motors	1	Bolt - 1.25" 5/16-18
Note: 2 motors connect to Z motor coupler & plug into "Z-mot" on printboard			3	Bolt - #6-32 0.5"
Misc Parts			7	Bolt - #6-32 1"
QTY	Part #	Description	1	Bolt - #6-32 1.25"
1		Diablotek ATX Power Supply with cable	2	Bolt - #6-32 3"
1		ABS Filament Spool	2	Nut - Hex - #6-32
1		Extruder Kit (wood plate, hardware)	2	Nut - Hex - #6-32 (locking)
1		Micro USB Cable	1	Nut - Hex - 5/16-18 (locking)
1		Small kapton for heated bed	3	Washer - #6
			3	608 Bearing
			2	Springs (3/4")
			2	Wooden Bushing
			1	Hobbed Bolt - 2" 5/16"-18

## Required Reading

Printbot Getting Started Guide - Blue Button on home page at [printbot.com](http://printbot.com)

## Need Help?

[help.printbot.com](http://help.printbot.com)