

PRUSA PLUS 210X210X310 MM

Main Feature

Build Volume:- 210 L x 210 W x 310 H mm (21 x 21 x 31CM)

Layer Resolution Height:- 100 to 400 microns

Number Extruder:- 1

Machine Size:- 440L x 570W x 570 H mm

Machine Weight:- 12Kg

Power Consumption :-240V,50-60 H'Z,200W

Connectivity:- USB,SD

Filament Use:- 1.75mm

Nozzle Dia:- 0.4mm

Filament:- PLA, ABS, Composite

Print File Type:- Gcode ,STL

Features

- Imported High quality Acrylic frame
- Even improved design of Prusa i3 rework for better strength
 - 8mm threaded rod instead of 5 mm for better performance and strength
 - replaced threaded rod with 12 mm acrylic support in Y assembly for higher stability
 - Combined smart LCD controller mount with X-Z assembly
 - Heated bed calibration also from the center of plate for perfect bed leveling, removing need of glass
 - Added Spool holding facility along with extra side support
 - Redesigned the plastic parts for : Z upper, Y idler, Y motor, Extruder idler, X idler , X motor
- Guaranteed High quality accurate finished plastic parts
- High quality (quality 304) Stainless Steel based smooth rods : 7.95 mm diameter , just perfect for LM8UU bearing
- Highly smooth extrusion which gives professionally finished object (Sample pictures shown here are printed in this machine)
- Updated Ramp : Replace Mosfets with higher heat resistance, no need of fan for electronics
- Build Manual + Technical Support

Specification :

Printing Size	210mm X 210mm X 31s0mm
Nozzle Diameter	0.4 mm
Filament Diameter	1.75 mm
Supported Filament	ABS, PLA, PETG, Nylone, Composites, HIPS,PVA
Resolution	0.0125mm
Accuracy	0.1 mm
Machine weight	13 KG
Run through	Memory card , USB Cable
Print Technology	Fused Deposition Modeling

Package includes (Everything required for one 3d printer)

- **Mechanical structure (Semi assembled : Can be fully assembled in less than 1 hour using manual we provide)**
 - Y Assembly
 - X-Z Assembly
 - Extra side support
 - Spool Holder

Direct Drive Extruder (Fully Assembled) features :

- Direct drive mechanism
 - All metal hotend
 - 0.4 mm nozzle
- **Electronics Parts**
 - Arduino Mega 2560 (firmware installed)
 - High Quality Ramp 1.4 (improved Mosfet – Longer run capacity : We have tested till 48 hours continuously)
 - A4988 Drivers
 - Smart LCD controller with SD Card Support
 - X, Y , Z axis stepper motor
 - Endstops
 - Ramp Power Supply with all cables and plug (Assembled)
 - Heated bed with thermistor (assembled)

- Memory Card (with inbuilt sample object design)
- USB Cable
- Spool Bearings (2 Pcs)
- Software (via email)
 - Arduino Firmware Marlin- pre-installed
 - Printrun / Repetier

Free 1 Kg PLA Filament

For More Information visit this Link :

Prusa Kit Tutorial : <http://cncparts.in/category/prusa-tutorials/>

For Video :

<https://www.youtube.com/watch?v=R8mqkhJLGiQ&list=PL6zBvlsE3aRf1wq7Os5RWxBu-uDWtuRDk>

<https://www.youtube.com/watch?v=mAfQWG5BwE0&list=PL6zBvlsE3aRf1wq7Os5RWxBu-uDWtuRDk&index=2>

<https://www.youtube.com/watch?v=PX9msHbJd44&index=6&list=PL6zBvlsE3aRf1wq7Os5RWxBu-uDWtuRDk>

For Order Click Below Link :

<http://cncparts.in/product/prusa-plus-210x210x300/>

