

Prusa Mendel documentation

ThingDOC.py

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Prusa Mendel is machine from RepRap project. RepRap is open source 3D printer.

Contents

1	Bill of materials	3
1.1	Printed	3
1.2	Nuts&bolts	3
2	Things overview	4
2.1	Frame vertex	4
2.2	Frame	4
2.3	Y motor bracket	4
2.4	Belt clamp	4
2.5	Bar clamp	4
2.6	Frame vertex with foot	4
2.7	Z motor mount	5
2.8	X end idler	5
2.9	Endstop holder	5
2.10	Rod clamp	5
2.11	Bushing	5
2.12	Bushing	5
2.13	X carriage	5
2.14	Pulley	6
2.15	Coupling	6
2.16	X end motor	6

1 Bill of materials

List of things you need to build the machine divided by categories

1.1 Printed

- 8x Bar clamp
- 4x Belt clamp
- 2x Coupling
- 3x Endstop holder
- 2x Frame vertex
- 4x Frame vertex with foot
- 8x Bushing
- 8x Bushing
- 2x Pulley
- 2x Rod clamp
- 1x X carriage
- 1x X end idler
- 1x X end motor
- 1x Y motor bracket
- 2x Z motor mount

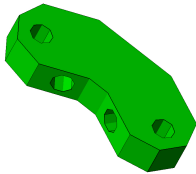
1.2 Nuts&bolts

- 72x M8 nut
- 68x M8 washer
- 2x M8 spring
- 19x M3 nut
- 25x M3 washer
- 17x M3 10mm screw
- 3x M3 20mm screw
- 6x M3 25mm screw

2 Things overview

List of things and their descriptions

2.1 Frame vertex



2.2 Frame

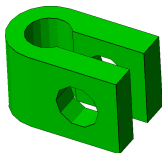
Frame for adding all of the other parts

2.3 Y motor bracket

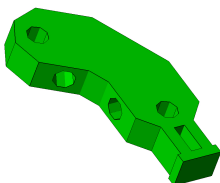


2.4 Belt clamp

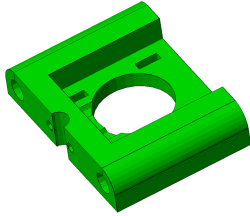
2.5 Bar clamp



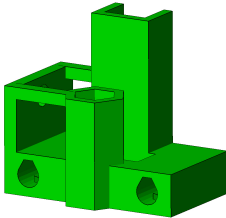
2.6 Frame vertex with foot



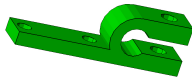
2.7 Z motor mount



2.8 X end idler



2.9 Endstop holder



2.10 Rod clamp

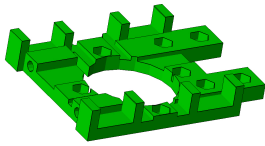


2.11 Bushing

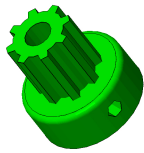
2.12 Bushing

2.13 X carriage

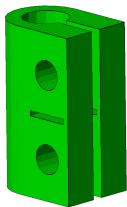
Slides on the x-axis with extruder.



2.14 Pulley



2.15 Coupling



2.16 X end motor

