# Prusa Mendel documentation

ThingDOC.py
April 9, 2011

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

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#### 1 Bill of materials

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

#### 1.1 Printed

- 8x Bar clamp
- $\bullet$  4x Belt clamp
- 2x Coupling
- 3x Endstop holder
- 2x Frame vertex
- 4x Frame vertex with foot
- 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
- $\bullet$  68x M8 washer
- 2x M8 spring
- 19x M3 nut
- 25x M3 washer
- $\bullet$  17x M3 10mm screw
- $\bullet$  3x M3 20mm screw
- $\bullet$  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 X carriage

Slides on the x-axis with extruder.



## 2.13 Pulley



# 2.14 Coupling



#### 2.15 X end motor



# 3 Assembly Instructions

Instructions to assemble the machine

#### 3.1 Assemble Prusa Mendel

• Assembly info