

BOM

| Category | Component | Quantity | Notes | My Source | Alternative Source | Price(with shipping, My source) |
|------------------|-----------------------|----------|---|--------------------------------|---|---------------------------------|
| Motion | 20T 8mm Pulley | 3 | One for each side on the Rod, one for the printed 80T Gear. | Aliexpress | Aliexpress | 2,40 € |
| | 16T 5mm Pulles | 1 | Motorshaft | Aliexpress | Aliexpress | 0,85 € |
| | Gt2 Belt | 2 Meter | Don't buy the cheapest. You should go for one with glassfiber | Amazon Germany | Aliexpress | 6,00 € |
| | 188mm Looped Belt | 1 | | Aliexpress | Aliexpress Affiliate(Voron) | 1,96 € |
| | F623ZZ 3*10*4 bearing | 4 | 2 Pieces for one side | Aliexpress | | 5,20 € |
| | 608ZZ Bearing | 4 | Do you have an old skateboard? You can steal the bearings from the wheels;) | Aliexpress | Aliexpress | 2,04 € |
| | 8mm Rod | 330 mm | Theres no link, just go to your local hardware store and take a cheap 8mm (aluminium) rod. Mine costs around 3€. You don't have to buy a hardened steel one. They are way to expensive and hard to cut. | | | 3,00 € |
| Fasteners | M5x8mm | 16 | Any type of M5x8mm screw can be used. I really like the openbuilds one | Aliexpress | | 2,58 € |
| | M5x40mm | 6 | Screwhead have to fit under the extrusion from the X-Axis. (Inside with the exentric nut on the plates.) | Aliexpress | Aliexpress (cheaper) | 2,56 € |
| | M5x30mm | 4 | Optional. for the top of the frame; the stock will work as well but only have a few millimeter to grip | Aliexpress | | [2,27€] |
| | M5 T-nuts | 16 | | Aliexpress | | 2,00 € |
| | M3x16mm | 10 | If you have no screws, you should buy a kit. Especially for the tensioner a longer screw can be good. | Aliexpress | | 5,86 € |
| | M3 nuts | 10 | | | | |
| Filament | Petg | ??kg | Yes you can use PLA, but you shouldn't ;) | | | |
| | | | | | | Total costs: 36,72€ |

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