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| Buy list | | | | | |
| Item | Qty | Usage | Picture | Link | Example price |
| 20x20 Aluminium extrusion 20cm | 3 | To make the frame. |  | <https://www.ratrig.com/aluminium-profiles/v-slot-2020/v-slot-2020-638.html> | €11.25 (for 150cm) |
| 20x20 Aluminium extrusion 40cm | 2 |  |  |  |  |
| Corner connector | 4 | To connect the extrusions in the frame. You will need to tap the extrusions to make threads. |  | <https://www.ratrig.com/hardware2/openbuilds/brackets/openbuilds-90-degree-angle-corner-connector.html> | €11.04 |
| Corner bracket | 2 | To connect the middle 20cm extrusion. |  | <https://www.ratrig.com/hardware2/openbuilds/brackets/cast3030-black.html> | €1.80 |
| T-Nuts (25 Pack) | 1 | To connect all the hardware to the extrusions.  M5 threads |  | <https://www.ratrig.com/hardware2/openbuilds/nuts-spacers-washers/openbuilds-tee-nuts-25-pack.html> | €4.05 |
| Ball bearing 608Z | 2 |  | Bearing 608 2Z | <https://shop.prusa3d.com/en/mini/1108-bearing-608-2z.html> | €2.14 |
| Linear bearing LM6UU | 8 | To slide on the rods. Need to fit 6mm diameter rods. |  | <https://www.romasterl.com/index.php?main_page=product_info&products_id=40302> | €24.72 |
| Rubber feet | 4 |  |  | <https://www.ratrig.com/hardware2/openbuilds/general-hardware/slider-bumper-kit-pair.html> |  |
| Rods 20cm ø=6mm | 4 | For the pedals to slide along. |  |  |  |
| Spring | 1 |  |  |  |  |
| mm M5 Screw |  |  |  |  |  |
| mm M5 Screw |  |  |  |  |  |
| mm M5 Screw |  |  |  |  |  |
| mm M5 Screw |  |  |  |  |  |
| M5 nut |  |  |  |  |  |
| M5 Nyloc nut |  |  |  |  |  |
| mm M3 Screw |  |  |  |  |  |
| mm M3 Screw |  |  |  |  |  |
| mm M3 Screw |  |  |  |  |  |
| M3 nut |  |  |  |  |  |
| M3 Nyloc nut |  |  |  |  |  |
| BU0836A 12-Bit Joystick Controller | 1 |  | BU0836A 12-Bit Joystick Controller | <http://www.leobodnar.com/shop/index.php?main_page=product_info&cPath=94&products_id=204> | 24.99 |
| USB A to B cable | 1 |  | 3m USB A to B cable | <http://www.leobodnar.com/shop/index.php?main_page=product_info&products_id=270> | 3.87 |
| Magnetic (Hall effect) sensor Allegro A1302 | 1 |  | Magnetic (Hall effect) sensor Allegro A1302 | <http://www.leobodnar.com/shop/index.php?main_page=product_info&cPath=103_82&products_id=195> | 2.76 |
| Cable with 3 pin connector plug attached | 1 |  | Cable with 3 pin connector plug attached - 30cm ( 12in ) | <http://www.leobodnar.com/shop/index.php?main_page=product_info&cPath=83&products_id=202> | 1.65 |
|  |  |  |  |  | 88,27 |
| Print list | | | | | |
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| Tool list |  |  |  |  |  |
| 3D-printer |  |  |  |  |  |
| Screw drivers |  |  |  |  |  |
| Soldering iron |  |  |  |  |  |
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