

| Component                  | Quantity | Source   |
|----------------------------|----------|--|
| Nema 17 stepper motor      | 2        | <a href="https://www.amazon.co.uk/gp/product/B077YMH8P/ref=ppx_yo_dt_b_asin_title_o06_s00?ie=UTF8&amp;psc=1">https://www.amazon.co.uk/gp/product/B077YMH8P/ref=ppx_yo_dt_b_asin_title_o06_s00?ie=UTF8&amp;psc=1</a>  |
| Limit switches             | 2        | <a href="https://www.amazon.co.uk/gp/product/B07F342J8K/ref=ppx_yo_dt_b_asin_title_o04_s00?ie=UTF8&amp;psc=1">https://www.amazon.co.uk/gp/product/B07F342J8K/ref=ppx_yo_dt_b_asin_title_o04_s00?ie=UTF8&amp;psc=1</a>  |
| A4988 Stepper Motor Driver | 2        | <a href="https://www.pololu.com/product/2128">https://www.pololu.com/product/2128</a>  |
| Teensy 3.2                 | 1        | <a href="https://www.pjrc.com/store/teensy32.html">https://www.pjrc.com/store/teensy32.html</a>  |
| PCB                        | 1        | Gerber files   |
| Large pulley               | 2        | STEP/STL   |
| Arm 1                      | 2        | STEP/STL/DXF   |
| Arm 2                      | 2        | STEP/STL/DXF   |
| Arm spacer 1               | 2        | STEP/STL/DXF   |
| Arm cover                  | 2        | STEP/STL/DXF   |
| Motor spacer               | 4        | STEP/STL/DXF   |
| Motor holder 1             | 2        | STEP/STL/DXF   |
| Motor holder 2             | 2        | STEP/STL/DXF   |
| Joint 1                    | 2        | STEP/STL/DXF   |
| Limit switch holder        | 2        | STEP/STL/DXF   |
| Limit switch spacer        | 6        | STEP/STL/DXF   |
| End effector spacer        | 1        | STEP/STL/DXF   |
| End effector spacer 2      | 1        | STEP/STL/DXF   |
| M6 screws                  | 4        |  |
| M6 nuts                    | 4        |  |
| M4 screws                  | 16       |  |
| M4 nuts                    | 12       |  |
| M4 brass threaded inserts  | 4        |  |
| M3 screws                  | 20       |  |
| M3 nuts                    | 12       |  |
| M8 screws                  | 3        |  |
| M8 nuts                    | 3        |  |
| M8 washers                 | 2        |  |
| Skateboard Bearings        | 3        |  |
| Timing belt                | 2        | <a href="https://uk.rs-online.com/web/p/timing-belts/7785054/">https://uk.rs-online.com/web/p/timing-belts/7785054/</a><br><a href="https://www.amazon.com/RuiLing-Aluminum-Synchronous-Printer-Accessories/dp/B07PPGQV6K/ref=sr_1_1_sspa?dchild=1&amp;keywords=Gt2+Pulley&amp;qid=1601485169&amp;sr=8-1-spons&amp;psc=1&amp;spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUEzNUpVRDE5NkJKWlk5JmVuY3J5cHRIZElkPUeWnJmZnJyUyQTJBNzdOU1dVVjBYJmVuY3J5cHRIZEFkSWQ9QTA5OTUxNTJISUVEVzISNEQxSjcmd2IkZ2V0TmFtZT1zcF9hdGYmYWNOaW9uPWNSaWNrUmVkaXJlY3QmZG9Ob3Rmb2dDbGljaz10cnVl">https://www.amazon.com/RuiLing-Aluminum-Synchronous-Printer-Accessories/dp/B07PPGQV6K/ref=sr_1_1_sspa?dchild=1&amp;keywords=Gt2+Pulley&amp;qid=1601485169&amp;sr=8-1-spons&amp;psc=1&amp;spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUEzNUpVRDE5NkJKWlk5JmVuY3J5cHRIZElkPUeWnJmZnJyUyQTJBNzdOU1dVVjBYJmVuY3J5cHRIZEFkSWQ9QTA5OTUxNTJISUVEVzISNEQxSjcmd2IkZ2V0TmFtZT1zcF9hdGYmYWNOaW9uPWNSaWNrUmVkaXJlY3QmZG9Ob3Rmb2dDbGljaz10cnVl</a> |
| Small pulley               | 2        |  |