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| Component | Price USD | Supplier | Link (url) | Prime? 1/0 | Comment |
| ender 3 | 169.99 | comgrow amazon | https://www.amazon.com/Comgrow-Creativity-Enders-Aluminum-220x220x25mm/dp/B07BR3F9N8/ref=sr_1_1 | 1 | reuse if you already have |
| Modular Y Carriage Plate Upgrade | 25.99 | befenbay amaz | https://www.amazon.com/gp/product/B08Z2Z9L5V/ref=ox_sc_act_title_1?smid=A3C0HXPA4AGBIQG | 1 | add to existing plate on ender to double thickness and improve stiffness. |
| Variac | 57 | Yusanaga amaz | https://www.amazon.com/gp/product/B0FC5GM2CZ/ref=ox_sc_act_title_2?smid=A2Y9HFRRZJT338 | 0 | |
| 110-240 V step up transformer | 69.99 | Yinleader amaz | https://www.amazon.com/gp/product/B07SZFF97X/ref=ox_sc_act_title_3?smid=A1LG46BH79P7G | 1 | |
| 1200 watt flex shaft grinder with hand piece | 79.99 | Vevor amazon | https://www.amazon.com/gp/product/B0DSK8LN4Z/ref=ox_sc_act_title_4?smid=A2EWC6ZPTX9ERE | 0 | |
| second Z axis screw for ender 3 | 25.99 | Comgrow amazon | https://www.amazon.com/gp/product/B07VJG4ZCG/ref=ox_sc_act_title_8?smid=A2ALB3RNMRLRH8 | 1 | |
| X axis linear rail upgrade for ender 3 | 27.99 | Creality amazon | https://www.amazon.com/gp/product/B0C7QJMMBW/ref=ox_sc_act_title_7?smid=A14C0ELW35RHNN | 1 | |
| Z axis linear rail upgrade | 52.99 | Box3d amazon | https://www.amazon.com/gp/product/B0BMRK2V7M/ref=ox_sc_act_title_6?smid=A3RFW7W2S842X5 | 1 | |
| Y axis linear rail upgrade ender 3 | 52.99 | box3d amazon | https://www.amazon.com/gp/product/B0BMRK5MBMJ/ref=ox_sc_act_title_5?smid=A3RFW7W2S842X5 | 1 | |
| 1 1/2" arbor hole 0.02" wide HSS slitting saw blade | 17.76 | Mcmaster | https://www.mcmaster.com/3044a58/ | 1 | can be purchased for ~6 USD / piece from malco directly. typically lasts ~100 hours printing in aluminum. |
| Total USD | 580.68 | | | | |
| you will need to print a wire spool holder and some way to hang or otherwise support the grinder motor. | | | | | |
| You may also want to enclose the printer, as it tends to be quite noisy, like a table saw, it also produces some swarf and debris as in grinding or sawing, if you use this printer unenclosed you do so at your own risk and should wear adequate hearing and eye/face/body protection while it is in operation. | | | | | |
| Custom Parts (PCBWayPrices) | | | | | |
| SK 25 spindle holder for flex shafthandpiece | 70.48 | | https://github.com/Sindry-Manufacturing/rototorge/blob/5657fceeaa8cc7267cb5c8fe33ddc3ae800ea73/src/parts/CAD/SK25%20v7_step | | |
| Arbor clamp for Saw blade | 34.53 | | https://github.com/Sindry-Manufacturing/rototorge/blob/5657fceeaa8cc7267cb5c8fe33ddc3ae800ea73/src/parts/CAD/sawbladeclamparborend%20v2_step | | |
| Rototorge 6mm shaft X 1 1/2" arbor for saw blades | 36.64 | | https://github.com/Sindry-Manufacturing/rototorge/blob/5657fceeaa8cc7267cb5c8fe33ddc3ae800ea73/src/parts/CAD/RototorgeArbor%20v4_step | | |
| Rototorge wire guide arm bracket for supporting wire | 33.9 | | https://github.com/Sindry-Manufacturing/rototorge/blob/5657fceeaa8cc7267cb5c8fe33ddc3ae800ea73/src/parts/CAD/Rototorgewireguidearmbracket%20v12_step | | |
| Wire guide shoe | 35.2 | | https://github.com/Sindry-Manufacturing/rototorge/blob/5657fceeaa8cc7267cb5c8fe33ddc3ae800ea73/src/parts/CAD/rototorgewireguide%20v11_step | | |
| Total USD | 210.75 | | | | |
| Total Mod Cost: | 791.43 | | | | |

| Order Information | | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------------|---------|------------------|--------------|
| Part No. and description | HS CODE | Size (mm) | Qty | Unit price (USD) | Amount (USD) |
| Bicycle Part Universal for bicycle specific spare parts Material:Aluminum BSCF v5 No. C-CHN0W9705A | 8714980000 | 30.00x40.00x70.00 | 2 (pcs) | 70.48 | 140.96 |
| CNC Lathe Replacement Arm Universal for parts used in CNC machine 1 only Material:Alloy steel steelshishibingboronand v2 No. C-CHN0W9705A | 8466930000 | 18.00x8.50x17.87 | 2 (pcs) | 34.53 | 69.06 |
| CNC Lathe Replacement Arm Universal for parts used in CNC machine 1 only Material:Alloy steel Rototorgewire v4 No. C-CHN0W9705A | 8466930000 | 18.00x22.00x17.87 | 2 (pcs) | 34.64 | 69.28 |
| CNC Lathe Replacement Arm Universal for parts used in CNC machine 1 only Material:Aluminum Rototorgewireguidearmbracket v7 No. C-CHN0W9705A | 8466930000 | 54.00x17.00x48.00 | 2 (pcs) | 33.90 | 67.80 |
| CNC Lathe Replacement Arm Universal for parts used in CNC machine 1 only Material:Stainless steel Rototorgewireguide v4 Rototorgewireguide v4 No. C-CHN0W9705A | 8466930000 | 11.00x50.25x48.21 | 5 (pcs) | 35.20 | 176.00 |
| Summary | | | | | |
| Total products amount (USD) | | | | | \$923.10 |
| Total Freight cost (USD) | | | | | \$37.31 |
| DTP service fee (USD) | | | | | \$15.54 |
| Bank fee (USD) | | | | | \$41.10 |
| Duty & Tax (USD) | | | | | \$340.00 |
| Total (USD) | | | | | \$952.05 |