

Deluxe Shapeoko Parts List

| Check | Qty. | Item description | Approximate Sizes | |
|-------|------|------------------|-------------------|--------|
| | | | Metric | Inches |

Large:

| | | | | |
|--|---|--|---------|---------|
| | 2 | Waste-boards | 58x36cm | 22x14in |
| | 2 | long extrusions/rails, no tap holes | 60cm | 24in |
| | 1 | long extrusion/rails, two tapped holes | 60cm | 24in |

Red Plates:

| | | | | |
|--|---|---|---------|--------|
| | 2 | "L" shaped base ends | 72cm | 28in |
| | 1 | "I" shape (Cross strap, for sub base) | 68cm | 27in |
| | 1 | center strap, 4 slotted holes | 58cm | 22in |
| | 2 | side strap, 2 holes | 58cm | 22in |
| | 1 | moving Z axis plate, 2 tabs | 18x16cm | 7x6in |
| | 1 | fixed Z axis plate (moves with Y axis), centered large motor hole | 25x17cm | 10x7in |
| | 2 | Y axis end plates, offset motor hole. (Moves with X axis) | 21x16cm | 8x6in |

Electronics:

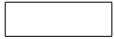
| | | | | |
|--|---|---------------------------------|--|--|
| | 4 | Wantai stepper motors (NEMA 23) | | |
| | 1 | 1x Stepoko controller board | | |
| | 1 | 1x usb cable | | |
| | 1 | 1x SPST toggle | | |
| | 1 | 1x IEC power cord, US | | |
| | 1 | 1x power supply brick | | |

Misc HW:

| | | | | |
|--|----|--|------------|---------|
| | 1 | 1DPN611 spindle mount | 10x9x3cm | 4x4x1in |
| | 2 | extrusions with 45deg rail, z axis rails | 20x2x2.7cm | 8x1x1in |
| | 1 | red plastic enclosure with pre-milled holes | | |
| | 1 | red plastic enclosure lid | | |
| | 1 | Shapeoko placard | | |
| | 2 | expansion springs | 5.5cm | 2in |
| | 6 | Belt clips, angle with two slots and two holes | | |
| | 10 | 3M Bump-on rubber bumpers | | |
| | 1 | 10mm open end wrench | | |
| | 1 | 8mm open end wrench | | |
| | 1 | 13mm open end wrench | | |
| | 5 | Allen hex keys | | |
| | 1 | Tube thread-locker (jet-lube branding) | | |
| | 1 | Sharpie | | |
| | 1 | Thermal gap filler pad | 7.5x10cm | 3x4 in |
| | 3 | cable carriers | 1x1.5x50cm | ~20 in |

Spacers and Stand-Offs:

| | | | | |
|--|---|-----------------------------------|-------|----------|
| | 2 | 10-24 x 1 inch, threaded | 2.5cm | 1in |
| | 4 | 9mm O.D, 1-1/4 inch long | | 1 1/4 in |
| | 4 | 3/8in O.D., .219in I.D, by 3/8in | | 3/8 in |
| | 1 | 3/8in O.D., .219in I.D, by 5/16in | | 5/16 in |
| | 2 | M5 x 15mm threaded | 1.5cm | 0.6 in |
| | 6 | 0.5in O.D., 0.319 I.D, x10mm | 1cm | 0.4 in |

**Belts:**

| | | | | |
|--|---|------------------------------|--------|---------|
| | 3 | Split belts (GT2, 800mm) | 80cm | 31.5 in |
| | 1 | Continuous belt (GT2, 524mm) | 52.4cm | 20.6 in |

Pulleys:

| | | | | |
|--|----|----------------------------------|--|--|
| | 4 | 6.3mm bore (GT2 profile) | | |
| | 1 | 5mm bore (GT2 profile) | | |
| | 10 | (or more) set screws for pulleys | | |

Bolts/screws:

| | | | | |
|--|----|-------------------------------------|------|----------|
| | 6 | M8 x 35mm | 35mm | 1.4 in |
| | 30 | M6 x 12mm | 12mm | 0.47 in |
| | 1 | M6 x 30mm | 30mm | 1.2 in |
| | 25 | M5 x 16mm | 16mm | 0.63 in |
| | 22 | M5 x 20mm | 20mm | 0.79 in |
| | 2 | M5 x 55, cylindrical hex cap (SHCS) | 55mm | 2.16 in |
| | 4 | M5 x 40mm | 40mm | 1.6 in |
| | 1 | M5 x 25mm | 25mm | 1 in |
| | 2 | 10-24 thread, 3/4inch | 19mm | 0.75 in |
| | 12 | M3 x 12mm gnarled hex cap (SHCS) | 12mm | 0.5 in |
| | 6 | 6-32 x 3/4in for red enclosure lid | 19mm | 0.75 in |
| | 8 | 4-40 x 3/8in for PCB mounting | 9mm | 0.375 in |

Nuts:

| | | | | |
|--|----|--|--|--|
| | 6 | M8 Hex Nut | | |
| | 1 | M6 x 6mm Hex Nut | | |
| | 4 | M6 Square Nut | | |
| | 29 | M5 Hex Nut | | |
| | 8 | Hex Nut with eccentric hole and shoulder | | |
| | 12 | M3 Hex Nut | | |

Washers:

| | | | | |
|--|----|----------------|--|--|
| | 4 | M6 Flat Washer | | |
| | 18 | M5 Flat Washer | | |

Bearings:

| | | | | |
|--|----|---|--|--------|
| | 16 | Black V-guide pulleys | | |
| | 12 | 25mm outside diameter(8x22x7mm) | | 1 in |
| | 2 | 14mm outside diameter (6mm flanged bearing) | | 0.5 in |