| Category | Specifications | Production | Qty | Postprocessing | Where used | Notes |
|--------------|--|------------|-----|--|---|-------|
| Window | Window Sensor Holder 3D Printed | 3D Printed | 1 | Smoothing | Window Sensor Holder | |
| Window | Window Right Profile Aluminum 20x20 680mm | Manually | 1 | Drilled M6. Drilled and tapped M3. Deburred. | Window Profile Right | |
| Window | Window Left Profile Aluminum 20x20 680mm | Manually | 1 | Drilled M6 and deburred | Window Profile Left | |
| Window | Window Front Profile Aluminum 20x20 996mm | Manually | 1 | Drilled M6 and M4. Deburred. | Window Profile Front | |
| Window | Window Back Profile Aluminum 20x20 996mm | Manually | 1 | Drilled M6 and deburred. | Window Profile Back | |
| Window | Window Handle 192mm | Purchased | 1 | | Handle | |
| Window | Window Angle Press Fit 20x20 | Purchased | 4 | | Corner Connector | |
| Window | Window Acrylic 1127x876 6mm | Laser Cut | 1 | | Window | |
| Window | Standoff Aluminum M-F M8 15+8 | Purchased | 2 | | Standoff M8 M-F | |
| Window | Piston Support 3D Printed | 3D Printed | 2 | Smoothed | Piston Support | |
| Window | Piston 100N Length 250 Travel 80mm | Purchased | 2 | | Piston | |
| Window | Hinge GN 237-ZD-60-60-A-SW | Purchased | 3 | | Hinge | |
| Optics/Laser | Second Mirror Holder 25mm | Manually | 1 | Drilled and tapped M4 | Second Mirror Holder | |
| Optics/Laser | O ring 20mm | Purchased | 2 | | Rubber Ring | |
| Optics/Laser | Mirror 25mm CO2 Laser | Purchased | 3 | | Mirror | |
| Optics/Laser | Laser Tube Holder 45-80mm | Purchased | 2 | | Laser Tube Holder | |
| Optics/Laser | Laser Tube CO2 A1S 70W | Purchased | 1 | | Laser Tube | |
| Optics/Laser | Laser Pointer Cable | Manually | 1 | | Laser Pointer Cable | |
| Optics/Laser | Laser Pointer Air Connector | Purchased | 1 | | Laser Pointer Air Connector | |
| Optics/Laser | Laser Mirror Spacer 3D Printed | 3D Printed | 1 | Smoothed | Mirror Spacer | |
| Optics/Laser | Laser Lens 20mm Focus 50.8mm | Purchased | 1 | | Lens | |
| Optics/Laser | Laser Head Mirror 25 Lens 20 | Purchased | 1 | | Laser Head | |
| Optics/Laser | Head Holder Aluminum 6mm | CNC Milled | 1 | Deburred | Laser Head Support | |
| Optics/Laser | First Mirror Holder 25mm | Purchased | 1 | The top and rod need to be glued together. | First Mirror Holder | |
| Mechanics Y | Y Shaft 25mm 800mm Tapped M12 | Purchased | 2 | | Y-linear Shaft | |
| Mechanics Y | Y Pulley HTD 5M 26T 9mm with setscrews inserted | Manually | 1 | Enlarge to 12mm. Drill, tap and insert 2x setscrews on the side. | Y Pulley 26-5M-09 | |
| Mechanics Y | Y Pulley HTD 5M 26T 15mm with setscrews inserted | Manually | 4 | Enlarge to 12mm. Drill, tap and insert 2x setscrews on the side | Y Pulley 26-5M-15 | |
| Mechanics Y | Y Pulley HTD 5M 16T 9mm with setscrews inserted | Manually | 1 | Enlarge to fit motor shaft. Drill, tap and insert 2x setscrews in the middle of the teeth. | Y-motor Pulley | |
| Mechanics Y | Y Motor Holder 3D Printed With Inserts | 3D Printed | 1 | Smoothed | Y-motor Spacer | |
| Mechanics Y | Y Motor Belt HTD 5M 9mm 305T | Purchased | 1 | | Y-motor Belt | |
| Mechanics Y | Y Linear Bearing SCE25UU | Manually | 2 | Right Block needs to be drilled and tapped M6 | Y-bearing Block Left, Y- bearing Block Right | |
| Mechanics Y | Y Endstop Holder 3D Printed | 3D Printed | 1 | Smoothed | Y-endstop Sensor Holder | |
| Mechanics Y | Y Belt HTD 5M 15mm 2300mm | Purchased | 2 | | Y-belt 230 cm | |
| Mechanics Y | Y Belt Attacher Aluminum 6mm | CNC Milled | 4 | Deburred | Belt Attacher | |
| Mechanics Y | Shaft 12mm 150mm | Purchased | 1 | | Y-shaft Right 150 | |
| Mechanics Y | Shaft 12mm 1500mm | Purchased | 1 | | Y-shaft 1500 | |
| Mechanics Y | Shaft 12mm 100mm | Purchased | 1 | | Y-shaft Left 100 | |
| Mechanics Y | Pillow Block 12mm UCPA201 (3) | Purchased | 9 | | Bearing Unit | |
| Mechanics Y | Cable Chain 25x18 35x23 2000mm | Purchased | 1 | | Y-chain | |
| Mechanics X | X Belt Attacher Aluminum 6mm | CNC Milled | 1 | Deburred | | |
| Mechanics X | X Plate Aluminum 8mm | CNC Milled | 1 | Deburred | X-plate | |

| Category | Specifications | Production | Qty | Postprocessing | Where used | Notes |
|-------------|---|------------|-----|--|----------------------------|--|
| Mechanics X | X Shaft 12mm 35mm | Manually | 1 | Cut | X-shaft | |
| | | | | Enlarge to fit motor shaft. Drill, tap and insert setscrews in the middle of the | | |
| Mechanics X | X Motor Pulley HTD 5M 28T 9mm with setscrews inserted | Manually | 1 | teeth. | X-motor Pulley | |
| Mechanics X | X Linear Guide HGR15 T 1250mm | Purchased | 1 | | Linear Guide | |
| Mechanics X | X Left Pulley HTD 5M 28T 9mm | Manually | 1 | Enlarge to 21mm. Insert and glue 4x Ball Bearing 6801 | X-shaft Pulley | |
| Mechanics X | X Endstop Holder Pom 6mm | Laser Cut | 1 | Tapped | X-endstop Sensor Holder | |
| Mechanics X | X Chain Spacer 3D Printed | 3D Printed | 1 | Smoothing | Chain Spacer | |
| Mechanics X | X Belt HTD 5M 10 2075mm | Purchased | 1 | | X-belt | |
| Mechanics X | HGR15 Linear Block | Purchased | 1 | | Linear Guide Carriage | |
| Mechanics X | Cable Chain 15x15 24x20 2000mm | Purchased | 1 | | X-chain | |
| Mechanics X | Ball Bearing 6801 | Purchased | 4 | | X-shaft Pulley* | |
| Housing | Window Spacer Right Aluminum 3mm | CNC Milled | 1 | deburring | Spacer Panel Right | |
| Housing | Window Spacer Left Aluminum 3mm | CNC Milled | 1 | deburring | Spacer Panel Left | |
| Housing | Window Spacer Back Aluminum 3mm | CNC Milled | 1 | deburring | Spacer Panel Back | |
| Housing | Top Panel Aluminum 3mm | CNC Milled | 1 | deburring | Top Panel | |
| Housing | Sub Window Right Aluminum 3mm | CNC Milled | 1 | deburring | Subpanel Right | |
| Housing | Sub Window Left Aluminum 3mm | CNC Milled | 1 | deburring | Subpanel Left | |
| Housing | Sub Window Front Aluminum 3mm | CNC Milled | 1 | deburring | Subpanel Front | |
| Housing | Sub Window Back Aluminum 3mm | CNC Milled | 1 | deburring | Subpanel Back | |
| Housing | Separator Panel Aluminum 3mm | CNC Milled | 1 | deburring | Middle Panel | |
| Housing | Right Panel Aluminum 3mm | CNC Milled | 1 | deburring | Right Panel | |
| Housing | Left Panel Aluminum 3mm | CNC Milled | 1 | deburring | Left Panel | |
| Housing | Laser Pointer Switch | Purchased | 1 | | Laser Pointer Switch | |
| Housing | Laser Panel Aluminum 3mm | CNC Milled | 1 | deburring | Laser Panel | |
| Housing | Inner Panel Right Aluminum 3mm | CNC Milled | 1 | deburring and tapping | Inner Right Panel | |
| Housing | Inner Panel Left Aluminum 3mm | CNC Milled | 1 | deburring and tapping | Inner Left Panel | |
| Housing | Front Support 3D Printed | 3D Printed | 2 | Smoothing | Front Subpanel Holder | |
| Housing | Front Panel Aluminum 3mm | CNC Milled | 1 | deburring | Front Panel | |
| Housing | Front Bracket 30x20x3 200mm | Manually | 1 | Cut, drilled M8 and deburred | Front Panel Holder | |
| Housing | Exhaust Adapter 3D Printed | 3D Printed | 1 | Smoothing | Exhaust Adaptor | |
| Housing | Cover Panel Aluminum 3mm | CNC Milled | 1 | deburring | Top Back Panel | |
| Housing | Connecting blocks 20x20 | 3D Printed | 3 | Smoothing | Hinge Support | |
| Housing | Bottom Panel Aluminum 3mm | CNC Milled | 1 | deburring | Bottom Panel | |
| Housing | Back Panel Aluminum 3mm | CNC Milled | 1 | deburring | Back Panel | |
| Frame | Top Aluminum Profile 30x60 Nut 8 1100mm | Manually | 2 | Cut and tapped | Profile 3060-1100 | |
| Frame | Fillet Aluminum Profile 30x30 Nut 8 1510mm | Manually | 1 | Tapped | Fillet Profile | |
| Frame | Bottom Aluminum Profile 30x30 Nut 8 1100mm | Manually | 3 | Tapped | Profile 30-1100 | |
| Fasteners | T-Nut 8 M8 Ball | Purchased | 1 | | T-nut M8 | |
| Fasteners | T-Nut 8 M6 Ball | Purchased | 1 | | T-nut M6 | |
| Fasteners | T-Nut 6 M3 Ball | Purchased | 1 | | T-nut M3 | |
| Fasteners | Standoff Nylon M-F M3 20+6 | Purchased | 1 | | Standoff M3 M-F | |
| Fasteners | Plastic DIN 7985 M3 8mm | Purchased | 1 | | Plastic Screw M3-8 | |
| Fasteners | ISO 7380 M8 60mm fully threaded | Purchased | 2 | | B-screw M8-60 | |
| Fasteners | ISO 7380 M8 35mm | Purchased | 13 | | B-screw M8-35 | |
| Fasteners | ISO 7380 M8 25mm | Purchased | 1 | | B-screw M8-25 | For bottom screw of the Piston Support |

| Category | Specifications | Production | Qty | Postprocessing | Where used | Notes |
|-------------|---|------------------------|-----|---|-------------------------------|---------------------------------------|
| Fasteners | ISO 7380 M8 20mm | Purchased | 30 | | B-screw M8-20 | |
| Fasteners | ISO 7380 M8 16mm | Purchased | 8 | | B-screw M8-16 | |
| Fasteners | ISO 7380 M8 10mm | Purchased | 10 | | B-screw M8-10 | |
| Fasteners | ISO 7380 M8 10mm | Purchased | 34 | | B-screw M8-10 | Can be substituted for B-screws M8-12 |
| Fasteners | ISO 7380 M6 30mm | Purchased | 11 | | B-screw M6-30 | |
| Fasteners | ISO 7380 M6 12mm | Purchased | 4 | | B-screw M6-12 | |
| Fasteners | ISO 7380 M6 12mm | Purchased | 4 | | B-screw M6-12 | |
| Fasteners | ISO 7380 M5 20mm | Purchased | 4 | | B-screw M5-20 | |
| Fasteners | ISO 7380 M5 10mm | Purchased | 5 | | B-screw M5-10 | |
| Fasteners | ISO 7380 M4 10mm | Purchased | 8 | | B-screw M4-10 | |
| Fasteners | ISO 7380 M12 20mm | Purchased | 4 | | B-screw M12-20 | |
| Fasteners | ISO 7380 M10 20mm | Purchased | 6 | | B-screw M10-20 | |
| Fasteners | ISO 7380 M10 12mm | Purchased | 18 | | B-screw M10-12 | |
| Fasteners | DIN 985 M8 | Purchased | 1 | | Lock Nut M8 | |
| Fasteners | DIN 985 M6 | Purchased | 1 | | Lock Nut M6 | |
| Fasteners | DIN 985 M5 | Purchased | 1 | | Lock Nut M5 | |
| Fasteners | DIN 985 M4 | Purchased | 1 | | Lock Nut M4 | |
| Fasteners | DIN 985 M3 | Purchased | 1 | | Lock Nut M3 | |
| Fasteners | DIN 933 M8 150mm fully threaded | Purchased | 4 | | Bed Leg | |
| Fasteners | DIN 933 M6 12mm | Purchased | 1 | | Hex Screw M6-12 | |
| Fasteners | DIN 912 M6 16mm | Purchased | 8 | | C-screw M6-16 | |
| Fasteners | DIN 912 M5 16mm | Purchased | 8 | | C-screw M5-16 | |
| Fasteners | DIN 912 M5 14mm | Purchased | 20 | | C-screw M5-14 | |
| Fasteners | DIN 912 M4 6mm | Purchased | 14 | | C-screw M4-6 | |
| Fasteners | DIN 912 M4 45mm | Purchased | 4 | | C-screw M4-45 | |
| Fasteners | DIN 912 M4 45/min | Purchased | 2 | | C-screw M4-35 | |
| Fasteners | DIN 912 M4 15mm | Purchased | 2 | | C-screw M4-16 | |
| Fasteners | DIN 912 M4 10mm | Purchased | 8 | | C-screw M4-12 | |
| Fasteners | DIN 912 M4 12HHT | + | 6 | | C-screw M4-12 | |
| Fasteners | DIN 912 M4 1011111 | Purchased Purchased | 3 | | | |
| Fasteners | DIN 912 M3 6mm DIN 912 M3 12mm | | 2 | | C-screw M3-6 C-screw M3-12 | |
| | | Purchased | | | | |
| Fasteners | DIN 912 M3 10mm | Purchased | 18 | | C-screw M3-10 | |
| Fasteners | DIN 9021 M8 | Purchased | 1 | | Washer M8 Large | |
| Fasteners | DIN 7991 M8 40mm | Purchased | 6 | | Countersunk Screw M8- 40 | |
| | | | | | Countersunk Screw M8- | |
| Fasteners | DIN 7991 M8 25mm | Purchased | 6 | | 25 | |
| Fasteners | DIN 7991 M4 40mm | Purchased | 3 | | Countersunk Screw M4- 40 | |
| Fasteners | DIN 125 M8 | Purchased | 1 | | Washer M8 | |
| Fasteners | DIN 125 M6 | Purchased | 1 | | Washer M6 | |
| Fasteners | DIN 125 M4 | Purchased | 1 | | Washer M4 | |
| Fasteners | DIN 125 M3 | Purchased | 1 | | Washer M3 | |
| Fasteners | DIN 439 M8 | Purchased | 1 | | | |
| Electronics | Wire Connector 3 slots | Purchased | 5 | | Connector 3 slots | |
| Electronics | Wire Connector 2 slots | Purchased | 4 | | Connector 2 slots | |
| Electronics | Window Sensor PS-3150 with cable 2x0.25 160cm ground shield | Manually | 1 | Cable extension. Join shield to GND. Crimped. | Window Sensor | |
| Electronics | Window Magnet PS-3150 Window Magnet PS-3150 | Purchased | 1 | Cimpou. | Window Magnet | |

| Category | Specifications | Production | Qty | Postprocessing | Where used | Notes |
|-------------|--|------------|-----|---|---|-------|
| Electronics | USB Cable outside 2m or more | Purchased | 1 | | USB Cable | |
| Electronics | USB Cable Inside | Purchased | 1 | | USB Cable Inside | |
| Electronics | U-wire Fixer 3D printed | 3D Printed | 2 | | U-wire Fixer | |
| Electronics | Stepper Motor Driver DM556T | Purchased | 2 | | Motor Driver | |
| | 33777 | | | Cable extension. Labeled (X/Y, A+, A-, | | |
| Electronics | Stepper Motor 24HS39-4204D with cable 4x0.5mm - 85cm (Y) & 163cm (X) | Manually | 2 | B+, B-) and crimped. Crimp the Mains Cable to the Power | X-motor, Y-motor | |
| Electronics | Power Plug 48x28x27mm M4 with Mains Cable AC 3x1.5 13cm | Manually | 1 | Plug. | Power Plug | |
| Electronics | Power Cord (computer style) | Purchased | 1 | | Power Cable | |
| Electronics | Motor Power Supply RSP-500-48A | Purchased | 1 | | Motor Power Supply | |
| Electronics | Logic Power Supply LRS-100-24 | Purchased | 1 | | Logic Power Supply | |
| Electronics | Logic Power Cable AC 3x1.5 128cm combined with Earth Cable 1x1.5 15cm | Manually | 1 | | Logic Power Supply Cable | |
| | Led Strip 24V Warm White 40cm with cable 2x0.75 - 110cm (Right) & 40cm | | | | | |
| Electronics | (Left) | Manually | 2 | Cable extension | LED strip | |
| Electronics | Laser Power Supply | Purchased | 1 | | Laser Power Supply | |
| Electronics | Laser Logic Cable 3x0.25 128cm grounded shield | Manually | 1 | Join shield to GND. Crimped. | Laser Logic Cable | |
| Electronics | Laser high voltage wire with protect connector | Manually | 1 | | Laser (+) Cable | |
| Electronics | Laser Controller PCB | Manually | 1 | Prepared and flashed | Controller PCB | |
| Electronics | Laser connector (screw terminal mammut) 2 pos | Manually | 1 | Cut part of the plastic cover to fit laser tube connector. | Laser Attachment | |
| Electronics | Laser (-) Cable 1x0.5 160cm | Manually | 1 | | Laser (-) Cable | |
| Electronics | Inductive Probe LJ12A3-4-Z/AY with cable 3x0.5mm grounded shield - 120cm (Y) & 330cm (X) | Manually | 2 | cable extension. Join shield to GND. | X-endstop Sensor | |
| Electronics | Fuse 6.3A 5x20mm | Purchased | 2 | casic extension com emercia to emp. | Fuse | |
| Electronics | Expansion Driver TB6600 | Purchased | 1 | | Small Motor Driver | |
| Electronics | Expansion Driver Power Cable 2x1mm grounded shielded 45cm | Manually | 1 | Join shield to GND, Crimped. | Expansion Driver Power Cable | |
| Electronics | Emergency Button With Key AS22-B142 | Purchased | 1 | Controlled to GIVE. Ontriped. | Emergency Button | |
| Licetionics | Emergency Button With Ney A022-B142 | 1 dichased | ' | | Emergency Button | |
| Electronics | Emergency Button Cable AC 2x1/1.5mm 160cm | Manually | 1 | Crimped. | Cable | |
| Electronics | Driver Power Cable Extension 2x1mm grounded shield 15cm | Manually | 1 | Join shield to GND. Crimped. | Motor Driver Power Cable Extension | |
| Electronics | Driver Power Cable 2x1mm grounded shield 75cm | Manually | 1 | Join shield to GND. Crimped. | Motor Driver Power Cable | |
| Electronics | Driver Logic Cable 4x0.5mm grounded shield 45cm | Manually | 1 | Join shield to GND. Crimped. | Driver Logic Cable | |
| Electronics | Controller Power Cable 2x1mm grounded shield 75cm | Manually | 1 | Join shield to GND. Crimped. | Controller Power Cable | |
| Electronics | Controller GND Cable 1x0.75 100cm grounded shield | Manually | 1 | Join shield to GND. Crimped. | Controller GND Cable | |
| Electronics | Chiller Connector 3 Pole with cable 2x0.5mm 25cm | Manually | 1 | Fixed to Chiller Connector. 1 (brown wire) and 3 (green wire) poles of the connector. Crimped. | Chiller Sensor Connector | |
| Electronics | Cable Duct 25x40 700mm | Purchased | 2 | Cut | Cable Duct | |
| Electronics | C-wire Fixer 3D Printed | 3D Printed | 2 | Smoothed | C-wire Fixer | |
| Electronics | AC Power Cable 3x1.5 50cm | Manually | 1 | Crimped. | Motor Power Supply Cable | |
| Electronics | AC Power Cable 3x1.5 30cm | Manually | 1 | Crimped. | Laser Power Supply Cable | |
| Electronics | Chiller Cable 2x0.25 200cm with 2x female connectors | Manually | 1 1 | Sapod. | Chiller Cable | |
| LICOLOTIICO | Offinior Oddio Exc. Ed Eddarf Will Ex fortido Conficciors | Mandany | | Tapped on the ends. Drilled and tapped | Offinior Gabic | |
| Bed | Aluminum Profile 40x40 Nut 8 700mm | Manually | 2 | to fit Bed Legs | Profile 40-700 | |
| Bed | Tesa Double Side Tape 50mm 5m | Purchased | 1 | | Double-sided Tape, Double-sided Tape | |
| Bed | Bed Lamella Aluminum 35x40x0.8 | Purchased | 27 | Deburred. | Bed Lamella | |

| Category | Specifications | Production | Qty | Postprocessing | Where used | Notes |
|-------------|---|------------|-----|---|--|-------|
| Bed | Bed Bracket 37x37x4 1150mm | Manually | 2 | Drilled. | Angle Profile | |
| Bed | Bed Adjuster 3D Printed | 3D Printed | 4 | Smoothing | Bed Adjuster | |
| Air/Water | Water Pipe Outside diameter 9mm 200cm | Purchased | 1 | | Water Tube Outside | |
| Air/Water | Water Pipe Inside Silicon 1m 10x7mm | Purchased | 1 | | Water Tube Inlet Inside, Water Tube Outlet Inside | |
| Air/Water | Water Connector 9-9mm Screw 11.7mm | Purchased | 2 | | Water Connector | |
| Air/Water | Water Chiller CW-3000 | Purchased | 1 | | Chiller | |
| Air/Water | Radial Fan Adapter 3D Printed | 3D Printed | 1 | | Radial Fan* | |
| Air/Water | Radial Fan 150mm 150W Neverest RV-B | Manually | 1 | 2x Radial Fan Adapter attached with silicon. | Radial Fan | |
| Air/Water | Hose Clamps 80mm | Purchased | 3 | | Hose Clamps | |
| Air/Water | Hose Clamps 13mm | Purchased | 4 | | Small Clamps | |
| Air/Water | Filter Adapter 3D Prined | 3D Printed | 1 | | Air Filter* | |
| Air/Water | Exhaust hose 80mm 3m | Purchased | 3 | cut | Exhaust Hose | |
| Air/Water | Air Y Splitter Press Fit 6-6mm | Purchased | 1 | | Pipe Splitter | |
| Air/Water | Air pump Hailea ACO-318 | Purchased | 1 | | Air Compressor | |
| Air/Water | Air pipe adapter 6-10mm with pipe 10mm | Manually | 1 | | Air Compressor Adapter | |
| Air/Water | Air pipe 6x4mm 5m | Purchased | 1 | cut | Head Air tube, Laser Pointer Air Tube, Merging Air Pipe, Air Tube Outside | |
| Air/Water | Air Filter Airmex AM03 or similar | Manually | 1 | Filter adapter attached with silicon and screws | Air Filter | |
| Air/Water | Air Connector Press Fit 6-6mm | Purchased | 1 | | Air Connector | |
| Accessories | Safety Sticker set | Purchased | 1 | | Safety Stickers | |
| Accessories | Foot switch | Purchased | 1 | | Foot Switch | |
| Accessories | Focus Tool Acrylic 6mm | Laser Cut | 2 | | Focus Tool | |
| Accessories | Cable Ties Package 2.5x140mm 100 pieces | Purchased | 1 | | Cable Ties | |