

8		7		6	
ITEM	QTY	PARTS LIST		DESCRIPTION	
1	1	E3D-EXT-005	Central Extrusion, Holds the frame together and allows cables to route through it		
2	1	E3D-EXT-006	Left Base Extrusion, Holds the left side of the frame up		
3	1	E3D-EXT-007	Right Base Extrusion, Holds up the right side of the frame		
4	1	E3D-EXT-004	Right Upright Extrusion, Holds the X-Axis and the power supply		
5	1	E3D-EXT-003	Left Upright Profile, Holds the X-Axis and the Z-Axis controls		
6	1	E3D-EXT-001	Top Cross Bar, Holds the frame rigid at the top		
7	16	BS EN ISO 4762 - M5 x 50	Hexagon Socket Head Cap Screw		
8	1	E3D-SMC-004	Support Frame (Filament Holder), Metal bracket that holds up the filament spool		
9	1	E3D-SCR-009	Support Tube (Filament Holder), Hold the filament rolls by going through the center		
10	2	E3D-SCR-008	M30 Plastic Nut, Screws onto the filament spool holder to secure the filament rolls		
11	1	E3D-BKT-001	X-Motor bracket, attaches print head motor to X-Gantry		
12	4	E3D-MTR-001	Stepper Motor, From Ivan on GrabCAD, Simple 42 mm stepper motor that runs all of the motion		
13	13	E3D-SPC-001	Simple Wheel Spacers, adds distance from V-Slot wheels to the plate		
14	13	V-Wheel_Ø24.4mm	V-Slot Wheels, Designed by Einzelne Bauteile, Allows moving parts to roll on channels in the aluminum extrusions		
15	1	E3D-BKT-010	Extruder Motor Bracket, Attached the extruder motor and extruder add-ons to the frame		
16	1	E3D-BKT-007	X-Axis Belt Tensioner, Manages the tension on the X-Axis belt		
17	1	E3D-BKT-009	LCD Support Bracket, Holds the LCD PCB in place		
18	1	E3D-SCR-004	LCD Knob, Allows for fine control of the printer's firmware		
19	1	E3D-EXT-008	Y-Axis Extrusion, Holds all of the Y-Axis components		
20	1	E3D-BKT-004	X-Axis Right Gantry Plate, Connects the V-Slot wheels to right side of the X-Axis		
21	1	E3D-PLT-003	Extruder Plate, Mounts the extruder to the X-Axis		
22	1	E3D-BSF-003	Hot End Assembly, Does all of the melting and temperature control for the printing process		
23	1	E3D-SCR-005	Nozzle 0.4 mm, Controls the size of the extrusion and forming the layer lines		
24	1	E3D-SMC-003	Fan Cover, Holds the fans in the correct orientation, and covers the hot end		
25	1	E3D-PLT-002	Y-Axis Bed Carriage Plate, From Creality's GitHub, Mounts the build plate to the Y-Axis		
26	1	E3D-BSF-002	Heated Bed, Provides heated build surface to prevent warping and increase adhesion		
27	4	E3D-SPC-003	Rubber Build Plate Spacers,		
28	1	E3D-SMC-002	Bottom Sheet Metal Cover, Bottom part of the container for the motherboard and core wiring		
29	1	E3D-SMC-001	Bottom Sheet Metal Cover, Bottom part of the container for the motherboard and core wiring		
30	1	E3D-BSF-001	PEI Sheet/Build Plate, Flexible, magnetic building plate		
31	4	E3D-SCR-003	Hand Twisted Nut, From Creality's GitHub, Allows for easy adjustment of 4 points of bed level		
32	1	E3D-BKT-002	Z-Axis Motor Mount, Holds the Z-Axis motor to the left vertical aluminum extrusion		
33	1	E3D-BKT-011	Extruder Housing, From Creality's GitHub, Holds all of the extruder parts together		
34	1	E3D-SCR-006	Extruder Gear, From Creality's GitHub, Grips onto the filament and feeds it through the hotend		
35	1	E3D-BKT-012	Extruder Idle Tensioner, From Creality's GitHub, Adds tension on the extruder gear to assist with grip		
36	1	E3D-SCR-001	Threaded Rod, Controls movement of Z-Axis		
37	1	E3D-SCR-002	Threaded Rod Nut, Connects threaded rod to X-Axis/Extruder plate for vertical movement		
38	1	E3D-PHR-003	LCD Placeholder, From Creality's GitHub, This is a placeholder for the LCD PCB		
39	1	E3D-SPC-005	Extrusion Spring, From Creality's GitHub, Adds tension to the idle tensioner to help with grip		
40	2	E3D-PHR-007	Pneumatic Joint, From Creality's GitHub, Holds onto both ends of the PTFE tubing		
41	3	ISO 7380-1 - M5 x 35	Hexagon Socket Button Head Screw - Product grade A		
42	2	ISO 7380-1 - M5 x 25	Hexagon Socket Button Head Screw - Product grade A		
43	4	ISO 7380-1 - M4 x 25	Hexagon Socket Button Head Screw - Product grade A		
44	1	E3D-EXT-002	X-Gantry Extrusion, Aluminum Extrusion for the X-Gantry		
45	1	E3D-PHR-002	Power Supply Mount, From Creality's GitHub, Holds the power supply to the printer frame		
46	1	E3D-PHR-001	Power Supply Placeholder, From Creality's GitHub, Supplies power to the rest of the printer		
47	4	ISO 7380-1 - M5 x 8	Hexagon Socket Button Head Screw - Product grade A		
48	2	ISO 7380-1 - M4 x 6	Hexagon Socket Button Head Screw - Product grade A		
49	16	ISO 7380-1 - M3 x 6	Hexagon Socket Button Head Screw - Product grade A		
50	2	BS EN ISO 4762 - M2.5 x 4	Hexagon Socket Head Cap Screw		
51	2	BS 4168 - M4 x 25	Hexagon socket countersunk and button head screws - Metric series		
52	1	BS 4168 - M3 x 16	Hexagon socket countersunk and button head screws - Metric series		
53	4	ISO 7380-1 - M3 x 10	Hexagon Socket Button Head Screw - Product grade A		
54	8	ISO 4032 - M4	Hexagon nuts, style 1 - Product grades A and B		
55	5	ISO 4032 - M5	Hexagon nuts, style 1 - Product grades A and B		
56	1	ISO 7380-1 - M5 x 10	Hexagon Socket Button Head Screw - Product grade A		
57	2	ISO 7380-1 - M4 x 8	Hexagon Socket Button Head Screw - Product grade A		
58	1	ISO 7380-1 - M5 x 12	Hexagon Socket Button Head Screw - Product grade A		
59	2	ISO 7380-1 - M4 x 16	Hexagon Socket Button Head Screw - Product grade A		
60	1	BS EN ISO 4762 - M3 x 12	Hexagon Socket Head Cap Screw		
61	1	E3D-BKT-005	Y-Axis Belt Tensioner Block, Allows you to adjust tension on the Y-Axis belt		
62	2	E3D-SPC-004	Tension Roller Spacers, Keeps the tension rollers centered and allows for smooth and consistent belt movement		
63	4	E3D-BRG-002	Belt Tension Rollers, Guides and adds tension to the various belts		
64	1	ISO 4762 - M3 x 30	Hexagon Socket Head Cap Screw		
65	1	ISO 4032 - M3.5	Hexagon nuts, style 1 - Product grades A and B		
66	2	BS EN ISO 4762 - M4 x 40	Hexagon Socket Head Cap Screw		
67	3	ISO 7380-1 - M3 x 16	Hexagon Socket Button Head Screw - Product grade A		
68	1	E3D-PHR-005	Nozzle Fan Placeholder, From Creality's GitHub, Placeholder of the throat cooling fan		
69	4	BS EN ISO 4762 - M3 x 8	Hexagon Socket Head Cap Screw		
70	1	E3D-PHR-006	Nozzle Fan Duct, From Creality's GitHub, Directs part cooling fan onto the nozzle		
71	1	E3D-PHR-004	Cold Section Fan Placeholder, From Creality's GitHub, Placeholder for the part cooling fan		
72	1	E3D-BKT-006	Y-Axis Motor Mount, Mounts the Y-Axis stepper motor to the Y-Axis aluminum extrusion		
73	1	E3D-BKT-013	Y Limit Switch Bracket, Holds the Y end stop to the Y-Axis		
74	3	E3D-SWT-001	Limit Switch Placeholder, From Creality's GitHub, Sends a signal to the motherboard when the printer hits it, indicating 0 dim		
75	4	ISO 7380-1 - M4 x 10	Hexagon Socket Button Head Screw - Product grade A		
76	1	E3D-BKT-003	Z Limit Switch Bracket, Holds the Z end stop switch on the left vertical extrusion		
77	2	ISO 7380-1 - M4 x 30	Hexagon Socket Button Head Screw - Product grade A		
78	3	E3D-SPC-002	Eccentric Column, Spaces out V-Slot wheels and adjusts tension		
79	2	ISO 10642 - M3 x 20	Hexagon socket countersunk head cap screws		
80	2	ISO 4026 - M3 x 5	Hexagon socket set screws with flat point		
81	1	ISO 104 - 0 70 - 4 x 12 x 4	Rolling bearing-Thrust bearing(Single Direction)		
82	1	BS EN ISO 4762 - M3 x 6	Hexagon Socket Head Cap Screw		
83	1	E3D-BKT-015	X-Axis Motor Cover, Covers the X-Axis motor and holds the X-Axis end stop		
84	4	BS EN ISO 4762 - M4 x 25	Hexagon Socket Head Cap Screw		
85	4	ISO 4762 - M2 x 3	Hexagon Socket Head Cap Screw		
86	4	ISO 7380-1 - M3 x 8	Hexagon Socket Button Head Screw - Product grade A		
87	8	E3D-SCR-007	T-Slot Nut, Attaches parts to the V-Slot in aluminum extrusions		
88	1	E3D-BKT-014	Z-Axis Lead Screw Nut Bracket, Connects the lead screw to the Z-Axis motor		