

	A	B	C	D	E	F	G
1	Qty	Part Number	Description	Supplier	Unit cost	Line Total	Total
2	2	40-8080 (cut to length 44.488 in)	80mm by 80mm aluminum extrusion	8020	\$ 71.18	\$ 147.56	
3	2	40-8080 (cut to length 66.929 in)	80mm by 80mm aluminum extrusion	8020	\$ 107.09	\$ 219.37	
4	3	40-4080 (cut to length 44.488 in)	40mm by 80mm aluminum extrusion	8020	\$ 47.60	\$ 150.16	
5	2	40-4080 (cut to length 53.150 in)	40mm by 80mm aluminum extrusion	8020	\$ 56.87	\$ 118.64	
6	8	40-4338	8 Hole Gusseted Inside Corner Bracket	8020	\$ 8.95	\$ 71.60	
7	6	40-4312	8 Hole Tee Flat Plate	8020	\$ 9.55	\$ 57.30	
8	4	40-4328	12 Hole 90 Degree Angled Flat Plate	8020	\$ 12.90	\$ 51.60	
9	200	75-3422	M8 x 16mm BHSCS & T-Nut	8020	\$ 0.67	\$ 134.00	
10							\$ 950.23
11							
12							
13	1		Joomen CNC Router Machine RM1605-1500mm ballscrew Linear Stage Moudle Actuator Table Kit	Amazon		\$ 155.00	
14	1		Joomen CNC 20mm Linear Guideway rail RM1605 ballscrew 1500mm Linear Motion Kit	Amazon		\$ 350.00	
15	1		Joomen CNC 20mm Linear Guideway rail RM2005 ballscrew 1100mm Linear Motion Kit	Amazon		\$ 370.00	
16							\$ 875.00
17							
18	1	Daedal 500000ET	Z axis slide assembly. This item can be substituted with a shorter model of the Daedal slide or even a different slide altogether. Just remember to modify the hole pattern in the mounting plate to match whatever you end up with.	eBay	?	?	
19							
20	4		Black Semi Closed Plastic Drag Chain Wire Carrier 25mm x 38mm Copapa 1 Meter length	Amazon	\$ 20.99	\$ 83.96	
21	1		3/8" x 1/4" shaft coupling	Amazon	\$ 10.34	\$ 10.34	
22	3		12.7mm x 12.7mm shaft coupling	Amazon	\$ 13.72	\$ 41.16	
23	1		12.7mm x 12mm shaft coupling	Amazon	\$ 14.42	\$ 14.42	
24	2		12.7mm x 10mm shaft coupling	Amazon	\$ 10.92	\$ 21.84	
25	6		Pkg. of 40 1/4"-20 x 15mm Threaded Inserts	Amazon	\$ 8.99	\$ 53.94	
26							\$ 225.66
27							
28	1	POWER4-HUB	DC Power Distribution Hub	Teknic	\$ 49.00	\$ 49.00	
29	1	PC-SBR-72	DC Power Cable, IPC to POWER4-HUB, 6 ft	Teknic	\$ 18.00	\$ 18.00	
30	1	CPM-CABLE-M2P2P-120	24 Volt Power, 2-Pin Molex Cable	Teknic	\$ 13.00	\$ 13.00	
31	1	CPM-CABLE-USB-120	USB Cable, for ClearPath Rear USB Port	Teknic	\$ 9.00	\$ 9.00	
32	1	IPC-5	350/500 Watt DC Power Supply	Teknic	\$ 248.00	\$ 248.00	
33	1	IPC35-CABLE110	AC Power Cable for IPC-3 and IPC-5	Teknic	\$ 14.00	\$ 14.00	
34	2	CPM-CABLE-CTRL-MU120	Controller Cable, 10 ft	Teknic	\$ 23.00	\$ 46.00	
35	1	CPM-CABLE-CTRL-MM660	Controller Cable, 55 ft	Teknic	\$ 112.00	\$ 112.00	

	A	B	C	D	E	F	G
36	4	CPM-CABLE-PWR-MS120	DC Power Cable, IPC (or hub) to ClearPath, 10 ft	Teknic	\$ 19.00	\$ 76.00	
37	1	CPM-CABLE-PWR-MM660	DC Power Cable, ClearPath generic, 55 ft	Teknic	\$ 85.00	\$ 85.00	
38	1	CPM-SDSK-2331S-RLS	ClearPath Integrated Servo Motor	Teknic	\$ 333.00	\$ 333.00	
39	1	CPM-SDSK-3411S-RLS	ClearPath Integrated Servo Motor	Teknic	\$ 342.00	\$ 342.00	
40	2	CPM-SDSK-3432P-RLS	ClearPath Integrated Servo Motor	Teknic	\$ 401.00	\$ 802.00	
41							\$ 2,147.00
42							
43							
44	1		1/2" by 36" zinc plated steel rod	Menards	\$ 1.99	\$ 1.99	
45	1		Pkg. of (17) 3/8"-16 x 1.5" hex head bolts	Menards	\$ 1.89	\$ 1.89	
46	1		Pkg. of 3/8" flat washers	Menards	\$ 3.88	\$ 3.88	
47	1		Pkg. of 10-32 x 1.5" machine screws w/ nuts	Menards	\$ 3.29	\$ 3.29	
48	1		Pkg. of #10 flat washers	Menards	\$ 1.00	\$ 1.00	
49	1	Maple 1" x 4" x 4'	Wood for Y axis drive blocks and screw bearing mounts	Menards	\$ 9.69	\$ 9.69	
50	1	Maple 1" x 6" x 4'	Wood for Y axis motor mounts and end plates	Menards	\$ 14.99	\$ 14.99	
51	1	Maple 1" x 8" x 4'	Wood for Z axis and spindle mounting plates	Menards	\$ 19.49	\$ 19.49	
52	1	Aspen 1" x 16" x 6'	Wood for gantry back	Menards	\$ 34.69	\$ 34.69	
53							\$ 90.91
54							
55	1	Oak 1" x 12" x 6'	Wood for gantry sides	Lowes	\$ 51.04	\$ 51.04	
56	4	Clear pine 1" x 6" x 6'	Wood for Y axis screw covers	Lowes	\$ 16.62	\$ 66.48	
57	1	MDF sheet 1" x 48" x 96"	MDF for table top	Lowes	\$ 29.78	\$ 29.78	
58	1	DeWalt DWP611	DeWalt router	Lowes	\$139	\$ 139.00	
59							
60	1	30610-06	X-Carve DeWalt 611 Spindle Mount	Inventables	\$ 35.00	\$ 35.00	
61							
62	1	DEPG-0611-84KIT	DeWalt 611 Precision-Grade Collet Kit	PreciseBits	\$ 83.95	\$ 83.95	
63							\$ 405.25
64						Total	\$ 4,694.05