

Category	Name	Spec			Screw Size	Link	Unit Price	Amount for Final Desgin	Comment
T-Slot	Rail	1"	4ft			https://www.mcmaster.com/#47065t101/=1cbr8ec	\$12.31	4	
			3ft				\$10.57	10	X2 cut to 34", X2 use for cutting shorter ones
			2ft				\$7.79	5	
			1ft				\$5.84	2	
	Corner Brace					https://www.mcmaster.com/#47065t216/=1cbr8mf	\$4.96	38	
	Corner Surface Bracket					https://www.mcmaster.com/#47065t267/=1ct8pah	\$7.62	8	
	Tee Surface Bracket					https://www.mcmaster.com/#47065t278/=1ct8qy1	\$7.95	10	
	3 Way Outside Corner					https://www.mcmaster.com/#47065t244/=1cbra50	\$9.86	8	
	Fasten Plate	Single			1/4"-20-1/2"	https://www.mcmaster.com/#47065t142/=1cbr7ot	\$2.30	10	
	Fasten Plate	Dual	1" screw distance		1/4"-20-1/2"	https://www.mcmaster.com/#47065t147/=1cbr7xq	\$4.29	10	
	Dust Cover					https://www.mcmaster.com/#47065t93/=1cbr627	\$4.15	3	
Aluminum	L Bracket	75 * 60 * 50 mm				https://www.mcmaster.com/#2313n46/=1cbv7fm	\$13.60	8	
	L Bracket	50 * 50 * 40 mm				https://www.mcmaster.com/#2313n43/=1ctttv	\$8.39	4	
	Al Sheet	2 * 24 * 1/8"				https://www.mcmaster.com/#89015k231/=1ctty5m	\$10.46	2	
	Al Sheet	8 * 8 * 1/8"				https://www.mcmaster.com/#89015k239/=1ctu0cb	\$13.07	3	
	Al Rod	1 1/4" OD 1" length				https://www.mcmaster.com/#1610t12/=1d2s65q	\$2.96	1	
Electronics	Manual Switch	Toggle - Monentary		Exit Switch	1/2"	https://www.mcmaster.com/#7343k29/=1ct8u34	\$9.14	1	
		Toggle - Maintained		Pause and Wire switch	1/2"	https://www.mcmaster.com/#7343k184/=1ct8uci	\$4.34	2	
	Limit Switch				2-56	https://www.mcmaster.com/#7193k3/=1cazszw	\$7.17	4	
	Standoff				2-56	https://www.mcmaster.com/#90268a203/=1ccj61x	\$1.66	10	
	Flat cable Signal	26 awg	4 cable			https://www.mcmaster.com/#9634t203/=1ctvn73	\$2.08	10	
	Flat cable Power	18 awg	4 cable			https://www.mcmaster.com/#9634t603/=1ct11kf	\$3.78	10	
Panel	Ruler	L to R				https://www.mcmaster.com/#1910a42/=1ct0b2b	\$2.31	5	
		R to L				https://www.mcmaster.com/#1910a22/=1ct0aul	\$2.31	5	
	Perforated Sheet	PVC 1/4" thick	Hole D 0.25"	Hole Spacing 0.5"		https://www.mcmaster.com/#92985t52/=1ct8ij0	\$92.78	1	
Wire Retractor	Constant-Force Spring	10.60 lbs	Width 1"	ID 1.2", OD 1.52"		https://www.mcmaster.com/#9293k12/=1ctcaxk	\$10.83	1	
	Sleeve Bearing		Length 1/2"	ID 1/4", OD 3/8"		https://www.mcmaster.com/#6391k136/=1cucsi1	\$0.67	1	
	Sleeve Bearing		Length 1 1/2"	ID 1/2", OD 3/4"		https://www.mcmaster.com/#6391k413/=1ctcfzf	\$4.71	1	
	Sleeve Bearing		Length 3/8"	ID 1/2", OD 3/4"		https://www.mcmaster.com/#6391k521/=1ctsrfo	\$1.50	0	No longer required in final design
	Flanged Sleeve Bearing		Length 1"	ID 1/2", OD 3/4"		https://www.mcmaster.com/#6338k424/=1ctsg38	\$2.28	2	
	One-way Bearing		Length 1/2"	ID 1/2", OD 3/4"		https://www.mcmaster.com/#2489k24/=1ctsn0t	\$11.17	1	
	Shaft		Length 9"	D 1/2"		https://www.mcmaster.com/#7398k6/=1cuchny	\$19.40	1	
	Shaft Collar					https://www.mcmaster.com/#9946k15/=1ctt7z4	\$2.77	4	
	Rectangular Tube		Length 12"	1.5*0.75"		https://www.mcmaster.com/#6546k54/=1cts37f	\$9.12	1	

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Screw	Button Head Screw	2-56 1/4"				https://www.mcmaster.com/#92196a077/=1cu00p8	\$5.97	1	
		4-40 0.5"				https://www.mcmaster.com/#92949a110/=1ctzdk	\$3.38	1	
		4-40 1 3/8"				https://www.mcmaster.com/#92949a813/=1ctzdgv	\$5.19	1	
		1/4-20 0.5"				https://www.mcmaster.com/#97763a263/=1ctznzk	\$8.35	1	
		1/4-20 1"				https://www.mcmaster.com/#97763a267/=1ctze0m	\$6.72	1	
	Socket Head Screw	1/2-13 3.5"				https://www.mcmaster.com/#90044a167/=1ctzj8m	\$5.05	1	
		M6 12mm				https://www.mcmaster.com/#91292a134/=1ctzrd6	\$7.44	1	
		M6 20mm				https://www.mcmaster.com/#91292a137/=1ctzorm	\$4.44	1	
		M6 30mm				https://www.mcmaster.com/#91292a139/=1ctzfq8	\$9.41	0	No longer required in final design
	Thumb Screw	1/4-20 1/2"				https://www.mcmaster.com/#94567a510/=1d2s6uf	\$2.65	24	
Nut	4-40 Nut					https://www.mcmaster.com/#91841a005/=1ctzaex	\$2.91	1	
	1/4-20 Nut					https://www.mcmaster.com/#97149a100/=1ctzgtl	\$7.24	1	
	1/2-13 Nut					https://www.mcmaster.com/#97149a250/=1ctzitm	\$6.51	1	
	M6 Nut					https://www.mcmaster.com/#91828a251/=1cu0gf7	\$8.73	1	
Shaft	Shaft	20mm	1000mm			https://www.mcmaster.com/#6459k62/=1cagjsi	\$95.82	4	X2 cut from previous foamcutter
		20mm	600mm			https://www.mcmaster.com/#6459k59/=1cagjxv	\$57.48	4	X4 cut from previous foamcutter
	Shaft Support			Mounting Hole 45mm	1* M5 2*M7	https://www.mcmaster.com/#61815k36/=1cag4oi	\$25.19	16	X8 from previous foamcutter
Transmission	Linear Bearings			40 mm spacing	4* M6	https://www.mcmaster.com/#9338t54/=1cag46d	\$68.20	12	X8 from previous foamcutter
	Shaft Coupler	10mm to 1/2 inch				https://www.mcmaster.com/#2464k34/=1cbgsmi	\$68.64	4	X4 from previous foamcutter
	Lead screw	1/2"-10	3 ft	304 Stainless		https://www.mcmaster.com/#98980a132/=1cbizut	\$36.59	4	
	Nut		OD 1.47"	thinckness 1"		https://www.mcmaster.com/#1343k134/=1cbj0f6	\$36.81	4	
	Collar		OD 1.3125"	thinckness 0.5"		https://www.mcmaster.com/#6698k13/=1cbj08y	\$18.35	8	X4 from previous foamcutter
	Bearing		OD 1.125"	thinckness 0.3125"		https://www.mcmaster.com/#60355k704/=1cbrell	\$9.08	0	No longer required in final design
	Shim					https://www.mcmaster.com/#91182a703/=1cbrlk2	\$11.59	1	
	Acrylic	24" * 48" * 1/4"				https://www.mcmaster.com/#8589k84/=1cy43x1	\$55.76	1	
	Acrylic	6" * 12" * 1/8"				https://www.mcmaster.com/#8560k275/=1cyln3f	\$5.37	1	No longer required in final design
	Delrin	6" * 6" * 1/4"				https://www.mcmaster.com/#8573k121/=1d2s6lb	\$9.43	1	