

# VexMen

Team Mytique 81M  
 Project: Trophy Presenter Bill of Materials  
 Date: 1/10/2104



**Robot Total Cost** \$ **1,278.68**  
 Total Number of Parts 587

Part Description	Subsystem	Label	Quantity	Part Number	Cost Per	Pack	Num	Per	Part	Cost	Total Cost
Aluminum L Angle 17.5"	Base	Each	2	276-2304	\$ 44.99		6	\$ 7.50	\$ 15.00		
Aluminum C-Channel 1x2x1x25	Base	Each	1	276-2288	\$ 39.99		6	\$ 6.67	\$ 6.67		
Aluminum C-Channel 1x5x1x25	Base	Each	1	276-2290	\$ 49.99		6	\$ 8.33	\$ 8.33		
Aluminum L 17.5"	Base	Each	1	276-2304	\$ 44.99		6	\$ 7.50	\$ 7.50		
Aluminum L 2.5"	Base	Each	1	276-2304	\$ 44.99		6	\$ 7.50	\$ 7.50		
6" Standoffs	Braces	Each	6	275-1023	\$ 9.95		4	\$ 2.49	\$ 14.93		
3" Standoffs	Braces	Each	6	275-1020	\$ 6.95		4	\$ 1.74	\$ 10.43		
2" Standoffs	Braces	Each	6	275-1018	\$ 7.95		10	\$ 0.80	\$ 4.77		
Cortex Bundle	Computer	Each	1	276-1604	\$ 399.00		1	\$ 399.00	\$ 399.00		
Partner Joysticks	Computer	Each	2	276-1891	\$ 29.99		1	\$ 29.99	\$ 59.98		
1ft USB Extension Cord	Computer	Each	1	N/A	\$ 4.95		1	\$ 4.95	\$ 4.95		
Battery Straps	Computer	Each	2	276-2219	\$ 4.99		1	\$ 4.99	\$ 9.98		
9V Battery Holder	Computer	Each	1	276-2243	\$ 9.99		1	\$ 9.99	\$ 9.99		
License Plate Registration	License	Each	2	276-1583	\$ 50.00		2	\$ 25.00	\$ 50.00		
Linear Rack Gear	Lifter	Each	8	276-1957	\$ 19.99		20	\$ 1.00	\$ 8.00		
Aluminum C-Channel 1x5x1x25 cut to 7	Lifter	Each	1	276-2288	\$ 39.99		6	\$ 6.67	\$ 6.67		
Aluminum C-Channel 1x5x1x25 cut to 3	Lifter	Each	1	276-2288	\$ 39.99		6	\$ 6.67	\$ 6.67		
12 Tooth High Strength Gears	Lifter	Each	2	276-2251	\$ 19.99		12	\$ 1.67	\$ 3.33		
393 Motors - Speed gearing	Lifter	Each	2	276-1668	\$ 24.98		1	\$ 24.98	\$ 49.96		
Shaft Collars	Lifter	Each	4	276-2010	\$ 10.49		16	\$ 0.66	\$ 2.62		
4" Shafts	Lifter	Each	2	276-2011	\$ 5.49		8	\$ 0.69	\$ 1.37		
1x2x1 C-Channel 25 holes long Aluminum	Lifter	Each	2	275-1136	\$ 39.99		4	\$ 10.00	\$ 20.00		
1/2" Standoffs	Lifter	Each	2	275-1014	\$ 2.95		10	\$ 0.30	\$ 0.59		
12" Linear Slides - new version	Lifter	Each	2	276-1926	\$ 24.99		2	\$ 12.50	\$ 24.99		
High Strength Gear Kit - 2 60 tooth gears	Lifter	Each	1	275-1143	\$ 17.99		40	\$ 0.45	\$ 0.45		
Bearing Blocks	Lifter	Each	6	275-1066	\$ 4.99		10	\$ 0.50	\$ 2.99		
C-Channel Coupler Gusset	Lifter	Each	2	276-2575	\$ 19.99		20	\$ 1.00	\$ 2.00		
1x25 bar - Aluminum	Scissor	Each	56	276-2307	\$ 39.99		16	\$ 2.50	\$ 139.97		
1x13 bar - Steel	Scissor	Each	8	275-1141	\$ 12.99		8	\$ 1.62	\$ 12.99		
1/2" Standoff	Scissor	Each	96	275-1014	\$ 2.95		10	\$ 0.30	\$ 28.32		
PTFE washers	Scissor	Each	192	275-1025	\$ 4.95		25	\$ 0.20	\$ 38.02		
1/2" Nylon Spacer	Scissor	Each	42	276-2018	\$ 2.99		20	\$ 0.15	\$ 6.28		
1" Standoffs	Scissor	Each	10	275-1016	\$ 3.95		10	\$ 0.40	\$ 3.95		
Linear Motion Sliders (included in slide kits)	Scissor	Each	8	276-1926	\$ -		1	\$ -	\$ -		
Pillow Blocks	Scissor	Each	12	276-2016	\$ 7.99		10	\$ 0.80	\$ 9.59		
17" Linear Slides - new version	Scissor	Each	4	276-1926	\$ 24.99		2	\$ 12.50	\$ 49.98		
Medium levels	Scissor	Each	8	276-2018	\$ 2.99		20	\$ 0.15	\$ 1.20		
Aluminum C-Channel 1x5x1x25 cut to 5	Wheel Pod	Each	4	276-2288	\$ 39.99		6	\$ 6.67	\$ 26.66		
Aluminum C-Channel 1x5x1x25 cut to 7	Wheel Pod	Each	4	276-2288	\$ 39.99		6	\$ 6.67	\$ 26.66		
Aluminum C-Channel 1x2x1x25 cut to 5	Wheel Pod	Each	0.8	276-2288	\$ 39.99		6	\$ 6.67	\$ 5.33		
Aluminum C-Channel 1x2x1x25 cut to 4	Wheel Pod	Each	0.66666667	276-2288	\$ 39.99		6	\$ 6.67	\$ 4.44		
45 Degree Gussets	Wheel Pod	Each	24	275-1186	\$ 4.99		6	\$ 0.83	\$ 19.96		
High Strength Sprocket kits	Wheel Pod	Each	4	276-2252	\$ 39.99		2	\$ 20.00	\$ 79.98		
Standoff 0.25"	Wheel Pod	Each	4	275-1013	\$ 2.95		10	\$ 0.30	\$ 1.18		
Standoff 0.50"	Wheel Pod	Each	4	275-1014	\$ 2.95		10	\$ 0.30	\$ 1.18		
393 Motors - Speed gearing	Wheel Pod	Each	2	276-1668	\$ 24.98		1	\$ 24.98	\$ 49.96		
Shafts cut to size	Wheel Pod	Each	8	276-1149	\$ 8.96		4	\$ 2.24	\$ 17.92		
Delrin Bearing Blocks	Wheel Pod	Each	12	275-1066	\$ 4.99		10	\$ 0.50	\$ 5.99		
Shaft Collars	Wheel Pod	Each	16	276-2010	\$ 10.49		16	\$ 0.66	\$ 10.49		

**Totals** 587.466667 \$ **1,278.68**