								SHT 1A OF X
			BILL OF MATERIAL(BOM)	**PROJECT-LASER CUTTER**				**DATE-June 5 2020**
			REF: BOM/ 916600 SHT 1					
DET	**ITEM**	**QTY**	**PART NUMBER**	**DESCRIPTION**	**MATERIAL**	**PRICE(USD)**	**LINK**	**NOTES**
				SUB ASS'LY-Z AXIS	**DRG#- E916600C-GA**			
1	1	1	BASIC FRAME Z AXIS	SEE DRG. C916600C1		$117.18		
2	2	2	NEMA 23 STEPPER MOTOR ASSLY	SEE DRG.C916600C3		$244.18		
3	3	2	IDLER PULLEY PLATE ASSLY	SEE DRG C916600C4		$24.84		
4	4	1	TIMING BELT 3MM GT2X 9 WIDE	TORONTO GEAR 1692-3P-09	NEOPRENE	$35.87	TORONTO GEAR	
6	5	1	TIMING BELT 3MMGT2 X9 WIDE	TORONTO GEAR 1692-3P-09	NEOPRENE	$35.87	TORONTO GEAR	
7	6	1	MAXIMUM MATERIAL FIXTURE	SEE DRG.E916600F-GA		$399.38		
8	7	4	LEAD SCREW ASSLY	SEE DRG.C916600C13		$1,020.16		
9								
10								
11							TOTAL	**$1,877.48**
12								
13				**SUB ASS'LY-BASIC FRAME Z AXIS**	**DRG.#-C916600C1**			
14	1	2	HFS5-2040-1000	MISUMI EXTN. 2040X1000 LG	ALUMINUM	$23.80	MISUMI	
15	2	5	HFS5-2020-658	MISUMI EXTN. 20X20X658 LG.	ALUMINUM	$20.70	MISUMI	
16	3	16	CORNER BRACKET SMALL HBLFSNF5	SEE DRG. B916600A11	STEEL	$29.28		
17	4	2	HFS5-2020-598	MISUMI EXT. 20X20X598 LG.	ALUMINUM	$7.52	MISUMI	
18	5	12	HBLFSN5-SET CORNER BRACKET	SEE DRG.B916600A3	ALUMINUM	$23.76		
19	6	4	HFS5-2020-100	MISUMI EXTN 20X20X100 LG.	ALUMINUM	$12.12	MISUMI	
20								
21								
22							TOTAL	**$117.18**
23								
24				**SUB ASS'LY-CORNER BRACKET SMALL**	**DRG#-B916600A11**			
25	1	2	BUTTON HEAD M5 X 10	MCMASTER-CARR 91239A224	STEEL	$0.18	McMASTER-CARR	
26	2	2	HNTT5-5_1	MISUMI SHORT NUT-M5	STEEL	$1.02	MISUMI	
27	3	1	HBLFSNF5	MISUMI CORNER BRKT.	STEEL	$0.63	MISUMI	
28								
29								
30							TOTAL	**$1.83**
31								
32				**SUB ASS'LY-CORNER BRACKET HBLFSN5**	**DRG#- B916600A3**			
33	1	1	HBLFSN5-SETH5	MISUMI CORNER BRACKET	ALUMINUM	$0.75	MISUMI	
34	2	2	SHCS M5X10	MCMASTER-CARR 91290A224	STEEL AISI 1015	$0.21	McMASTER-CARR	
35	3	2	HNTT5-5_1	MISUMI SHORT NUT M5	STEEL	$1.02	MISUMI	
36								
37								
38							TOTAL	$1.98
39								
40								
								XXX