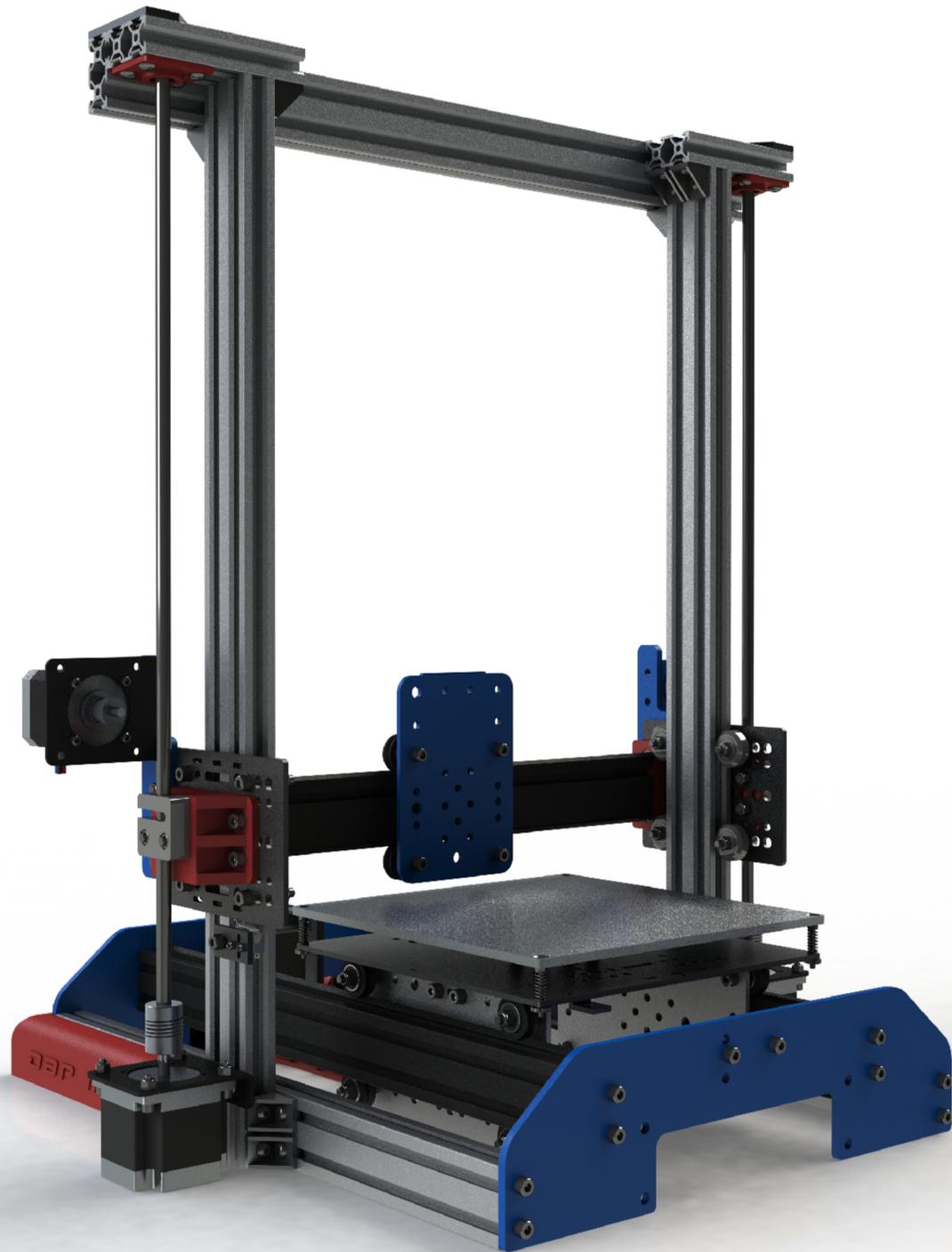


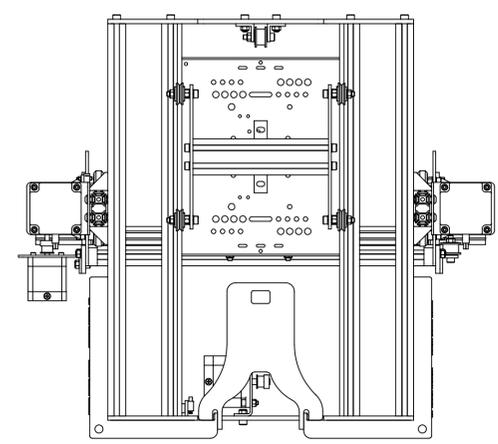
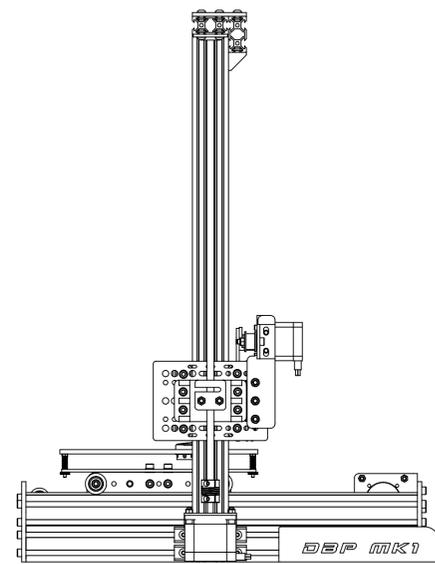
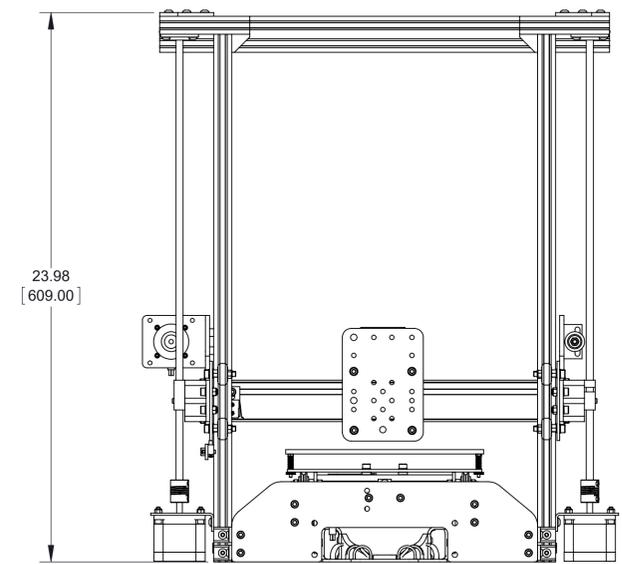
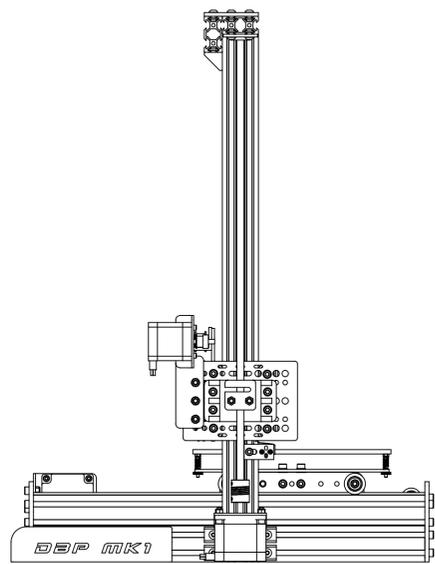
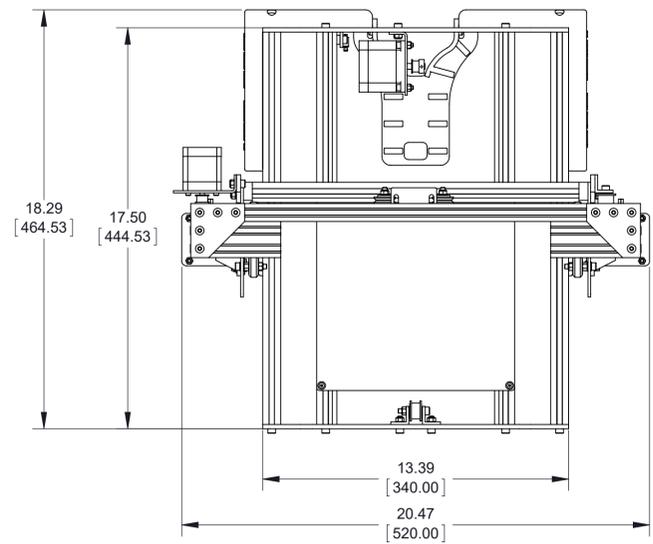
COST EST.	
TOTAL FROM SCRATCH (ALL PARTS PURCHASED)	\$735
PRINT AND MILL YOUR OWN PARTS (NO DBP PARTS)	\$612
MINUS HARDWARE AND PARTS FROM X-CARVE UPGRADES	\$449

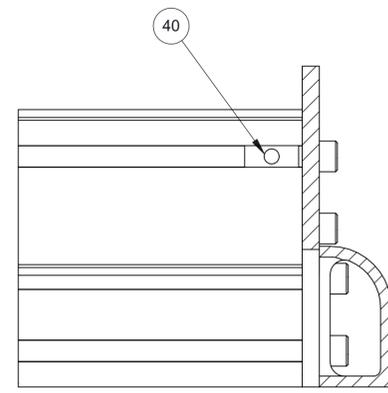
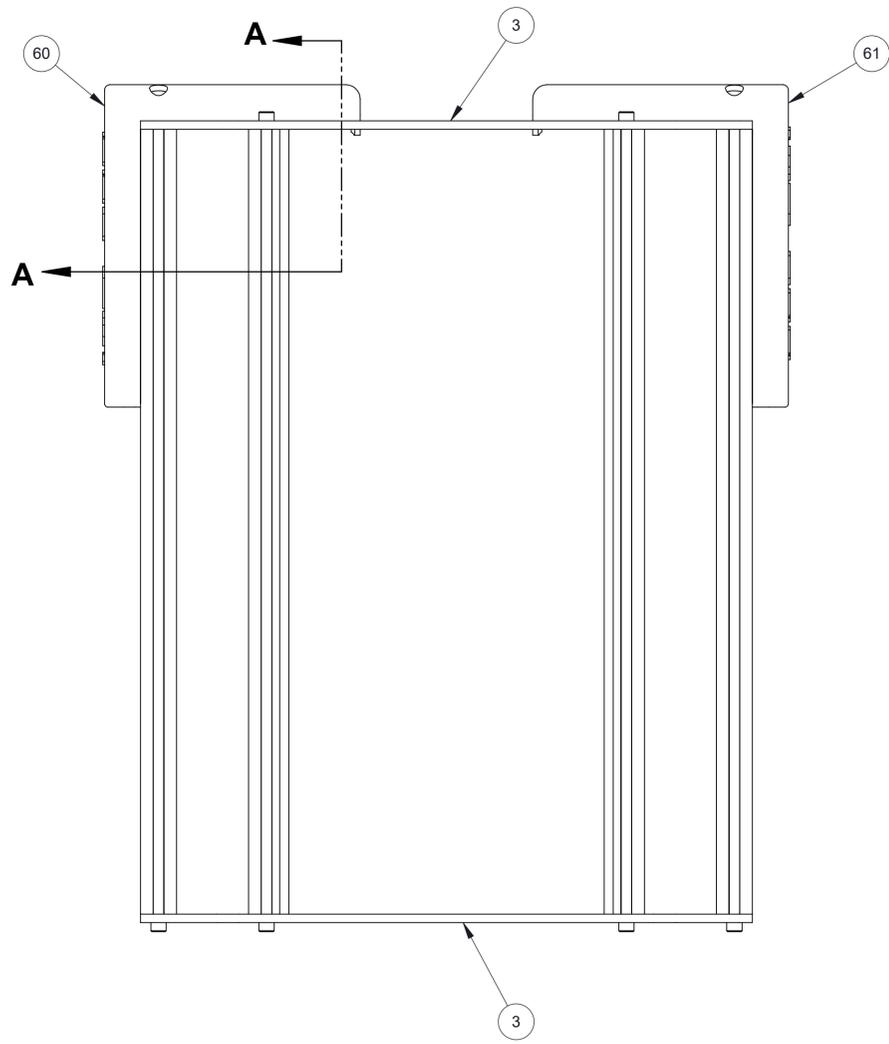
* THESE ARE JUST ESTIMATES. PRICES COULD VARY SIGNIFICANTLY BASED ON BULK BUYS AND LOCATION.

BILL OF MATERIAL				
QTY.	DESCRIPTION	SUPPLIER	ESTM. COST	ITEM NO.
1	L BRACKET,DOUBLE	OPENBUILDS	\$1.25	51
1	UNIVERSAL BUILD PLATE	OPENBUILDS	\$18.95	52
2	JOINING PLATE,90 DEGREES	OPENBUILDS	\$4.80	53
4	THUMB WHEEL,M3	VARIES	\$1	54
4	SPRING,0.16 IN. I.D. X 0.75 IN. LONG	VARIES	\$1	55
4	L BRACKET,SINGLE	OPENBUILDS	\$1	56
3	MICRO LIMIT SWITCH PLATE	OPENBUILDS	\$2	57
3	MICRO LIMIT SWITCH	VARIES	\$2	58
1	SPACER,0.25 IN.,3D PRINTED	DESIGNS BY PHIL	\$2	59
1	LEFT WIRE WAY,3D PRINTED	DESIGNS BY PHIL	\$15	60
1	RIGHT WIRE WAY,3D PRINTED	DESIGNS BY PHIL	\$15	61
1	MIDDLE WIRE WAY,3D PRINTED	DESIGNS BY PHIL	\$10	62

BILL OF MATERIAL				
QTY.	DESCRIPTION	SUPPLIER	ESTM. COST	ITEM NO.
2	EXTRUSION,MAKER SLIDE, 435.00mm LONG	INVENTABLES	\$14	1
1	BUILD PLATE,220mm X 220mm	AMAZON	\$11	2
2	BASE END PLATE,0.19 IN. ALUMINUM PLATE, 350.00mm X 88.90mm	DESIGNS BY PHIL	\$20	3
2	EXTRUSION,20mm X 40mm, 435.00mm LONG	VARIES	\$7	4
3	STEPPER MOTOR,NEMA 23	VARIES	\$20	5
4	MOTOR MOUNT,NEMA 17 AND 23	INVENTABLES	\$10	6
14	CAST CORNER BRACKET,20mm X 20mm X 17mm	AMAZON	\$0.80	7
2	EXTRUSION,20mm X 40mm, 100.00mm LONG	VARIES	\$1.30	8
1	EXTRUSION,MAKER SLIDE, 363mm LONG	INVENTABLES	\$14	9
1	STANDARD WHEEL CARRIAGE PLATE, MODIFIED	INVENTABLES	\$8	10
2	STANDARD WHEEL CARRIAGE PLATE	INVENTABLES	\$8	11
2	EXTRUSION,20mm X 40mm, 585.00mm LONG	VARIES	\$8	12
2	BALL SCREW STANDOFF,3D PRINTED	DESIGNS BY PHIL	\$5	13
2	BALL SCREW BEARING CAP,3D PRINTED	DESIGNS BY PHIL	\$3	14
2	ADAPTOR BRACKET,MAKER SLIDE,3D PRINTED	DESIGNS BY PHIL	\$5	15
1	STEPPER MOTOR,NEMA 17	VARIES	\$18	16
2	GANTRY BRACKET,0.19 IN. ALUMINUM PLATE, 125.00mm X 31.00mm	DESIGNS BY PHIL	\$5	17
1	HOT END BELT BRACKET, 1 IN. X 1 IN. X .13 IN ANGLE, 2 IN. LONG	DESIGNS BY PHIL	\$5	18
1	EXTRUSION,20mm X 40mm, 150.65mm LONG	VARIES	\$2	19
1	EXTRUSION,20mm X 40mm, 500.00mm LONG	VARIES	\$7	20
2	V-SLOT GANTRY PLATE UNIVERSAL 20mm-80mm	OPENBUILDS	\$12	21
2	BEARING,16mm O.D. X 8mm I.D. X 5mm WIDE	VARIES	\$1	22
10	ECCENTRIC SPACER,5M SCREW, 6mm LONG	VARIES	\$2	23
4	SCREW,SOCKET HEAD,M2 X 14	VARIES	\$0.25	24
4	SCREW,SOCKET HEAD,M3-.5 X 6	VARIES	\$0.25	25
4	SCREW,SKT FLH CTSK,M3-0.5 X 30mm	VARIES	\$0.25	26
12	SCREW,SOCKET HEAD,M4-.7 X 14mm	VARIES	\$0.25	27
51	SCREW,BUTTON HD CAP,M5-0.8 X 8mm	VARIES	\$0.10	28
12	SCREW,SOCKET HEAD,M5-.8 X 12mm	VARIES	\$0.25	29
33	SCREW,SOCKET HEAD,M5-.8 X 14mm	VARIES	\$0.25	30
6	SCREW,HEX HEAD,M5-.8, X 20mm	VARIES	\$0.25	31
5	SCREW,SOCKET HEAD,M5-.8 X 25	VARIES	\$0.25	32
21	SCREW,SOCKET HEAD,M5-.8 X 30	VARIES	\$0.25	33
4	WASHER,FLAT,M5	VARIES	\$0.10	34
58	WASHER,FLAT,M5	VARIES	\$0.10	35
4	NUT,LOCK,M4-0.7	VARIES	\$0.15	36
4	NUT,HEX,M3-5	VARIES	\$0.15	37
12	NUT,LOCK,M4-0.7	VARIES	\$0.15	38
46	NUT,LOCK,M5-0.8	VARIES	\$0.15	39
58	NUT,RAIL	VARIES	\$0.20	40
12	V WHEEL ASSEMBLY FOR MAKER SLIDE	INVENTABLES	\$5.50	41
8	SOLID V WHEEL FOR OB V RAIL	OPENBUILDS	\$5	42
3	MINI V WHEEL PRECISION SHIM,8mm O.D. X 5mm X 1mm WIDE	OPENBUILDS	\$0.20	43
4	ALUMINUM SPACER,3mm	OPENBUILDS	\$0.15	44
12	ALUMINUM SPACER,6mm	OPENBUILDS	\$0.20	45
2	FLEXIBLE COUPLER,0.25 IN. TO 8mm	OPENBUILDS	\$6.85	46
2	8mm LEAD SCREW X 500mm	OPENBUILDS	\$20.75	47
2	8mm ACME ANTI BACKLASH NUT BLOCK	OPENBUILDS	\$9.85	48
2	GT2 PULLY, 2mm PITCH. FOR 6mm WIDE BELT	OPENBUILDS	\$5.50	49
2	SMOOTH IDLER PULLEY	OPENBUILDS	\$5.45	50







SECTION A-A
SCALE 1 : 1

