

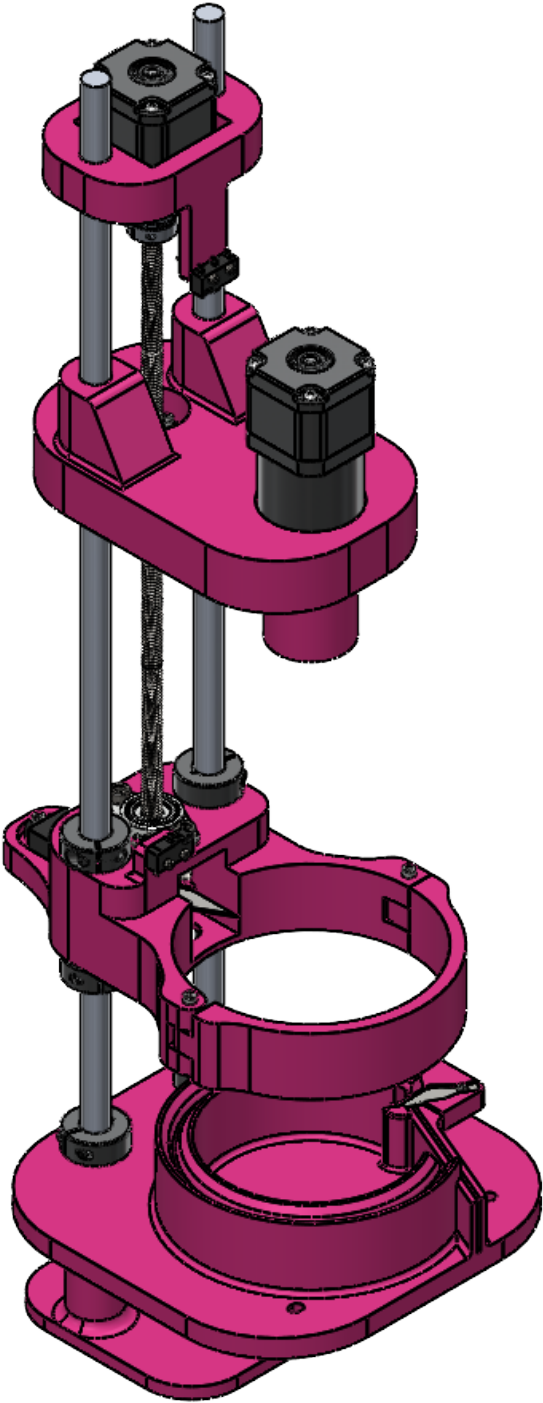
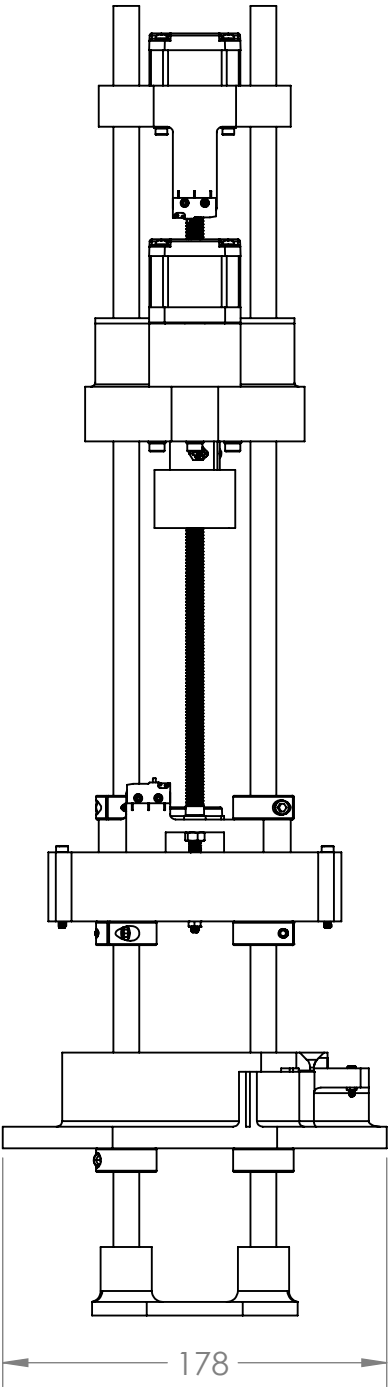
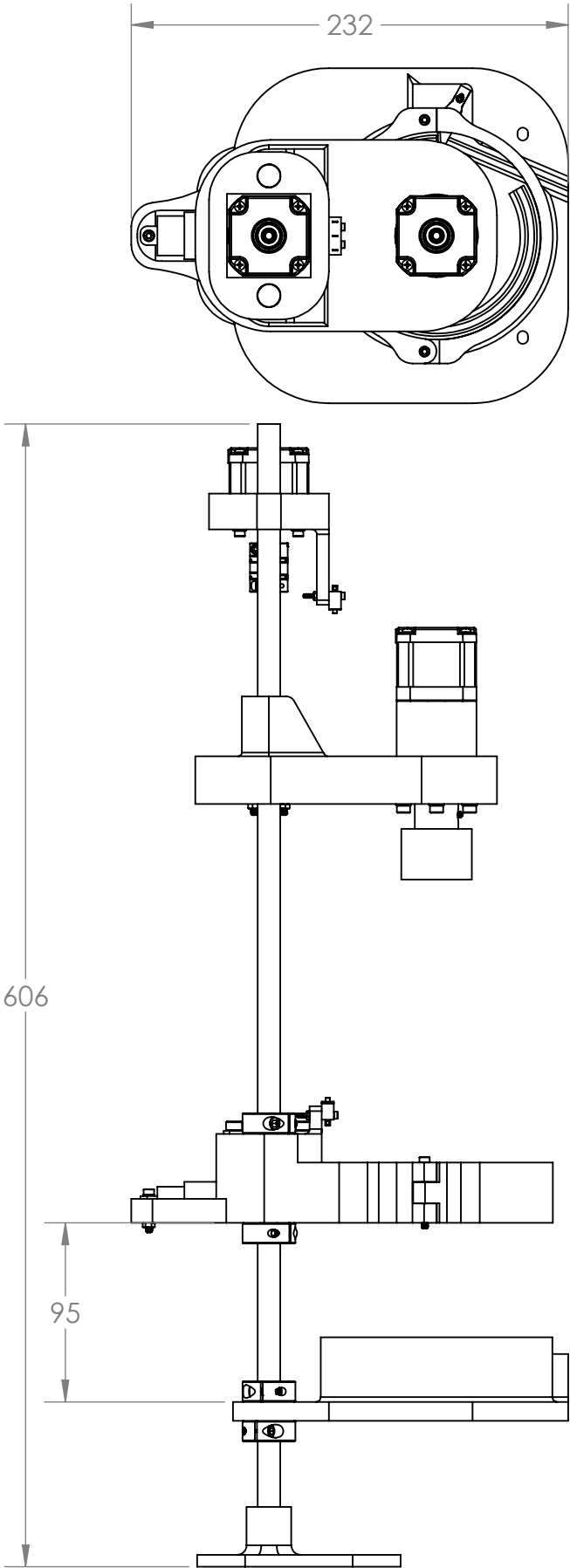
4

3

2

1

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	Reflects Final Build	03292023	nwedyck



	NAME	DATE	TITLE: Bottle Cutter		
DRAWN	nwedyck	11042022			
CHECKED					
UNLESS OTHERWISE SPECIFIED:			REV A		
DIMENSIONS ARE IN MILLIMETERS					
TOLERANCES:					
ONE PLACE DECIMAL ±0.1					
TWO PLACE DECIMAL ±0.05					
THREE PLACE DECIMAL ±0.009			WEIGHT N/A	DWG. NO. A1	
			MATERIAL SEE PARTS	FINISH SEE PARTS	SCALE: 1:3

3

2

1

4		3		2		1	
#	Item					QTY	
1	Lead Screw (8mm x 300mm)					1	
2	Flange Nut for Lead Screw					1	
3	20:1 Geared NEMA 17 Stepper Motor					1	
4	X-ACTO #11					2	
5	NEMA 17 Stepper Motor					1	
6	12mm Clamping Collar					8	
7	8mm Flange Bearing					1	
8	M5 SS Socket Screw 20mm Long					2	
9	M3 SS Socket Screw 20mm Long					5	
10	M3 Hex Nut					6	
11	M5 Hex Nut					2	
12	M5 SS Socket Screw 35mm Long					2	
13	Linear Motion Rods (12mm x 600mm)					2	
14	Flexible Shaft Coupling (8mm to 5mm)					1	
15	Linear Actuator 0.4in Stroke Length					1	
16	Subminiature Snap-Acting Switch Plunger Actuator, SPDT					2	
17	Bottle Cutter Top (3D Printed)					1	
18	Bottle Cap Attachment (3D Printed)					1	
19	Bottle Cutter Mover (3D Printed)					1	
20	Bottle Cutter Main Mid (3D Printed)					1	
21	Bottle Cutter Secondary Mid (3D Printed)					1	
22	Bottle Cutter Base (3D Printed)					1	
23	Bottle Cutter Stabilizer					1	
24	Bottle Cutter Blade Holder					1	
25	M3 SS Socket Screw 8mm Long					4	
26	M3 Washer					4	
27	M2 SS Socket Screw 16mm Long					1	
28	M4 SS Socket Screw 12mm Long					4	
29	M4 Washer					4	
30	M2 SS Socket Screw 20mm Long					4	
31	M2 Hex Nut					6	
32	M2 SS Socket Screw 12mm Long					1	
33	M3 SS Socket Screw 16mm Long					2	
4		3		2		1	
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