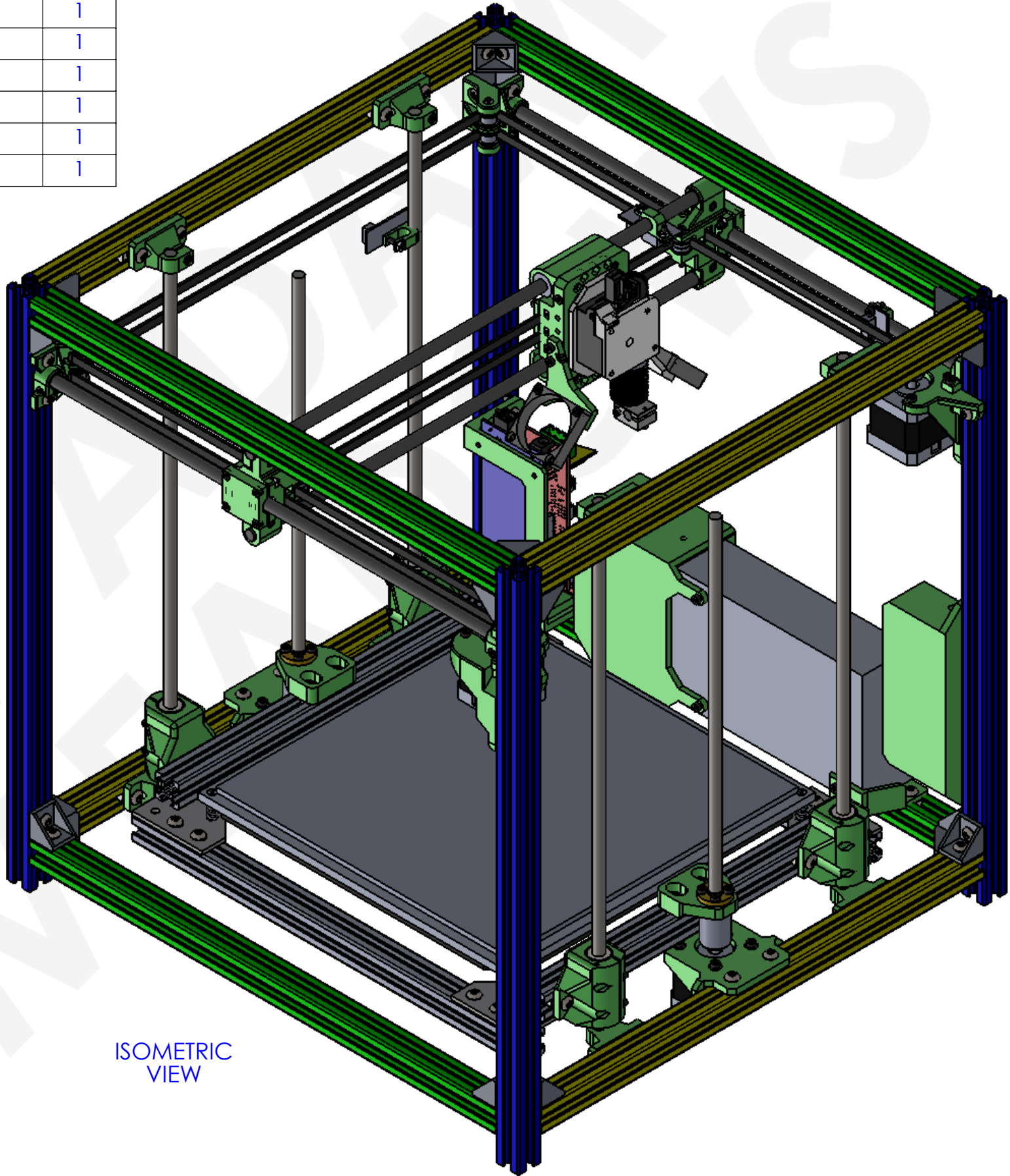
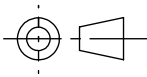
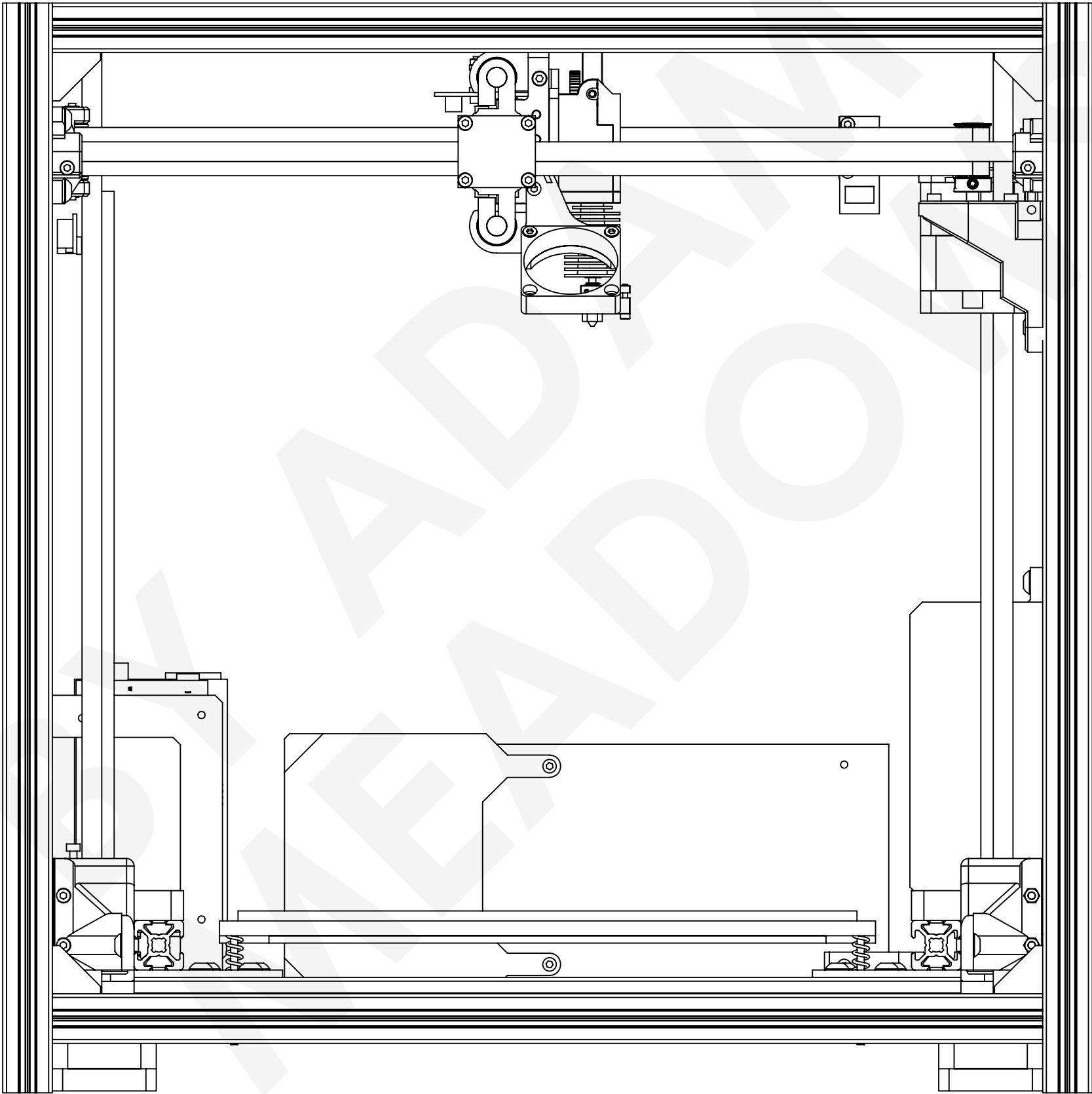


ITEM NO.	DESCRIPTION	QTY.
1	Frame Assembly_0.01	1
2	Z Axis Assembly_0.01	1
3	Bed Platform Assembly_0.01	1
4	Gantry Assembly_0.01	1
5	XY Idler Assembly_0.01	1
6	Y Axis Assembly_0.01	1
7	Gantry Head Assembly_0.01	1
8	Power supply assembly_0.01	1
9	SSR Assembly_0.01	1
10	Control Board Assembly_0.01	1
11	End Stops Assembly_0.01	1



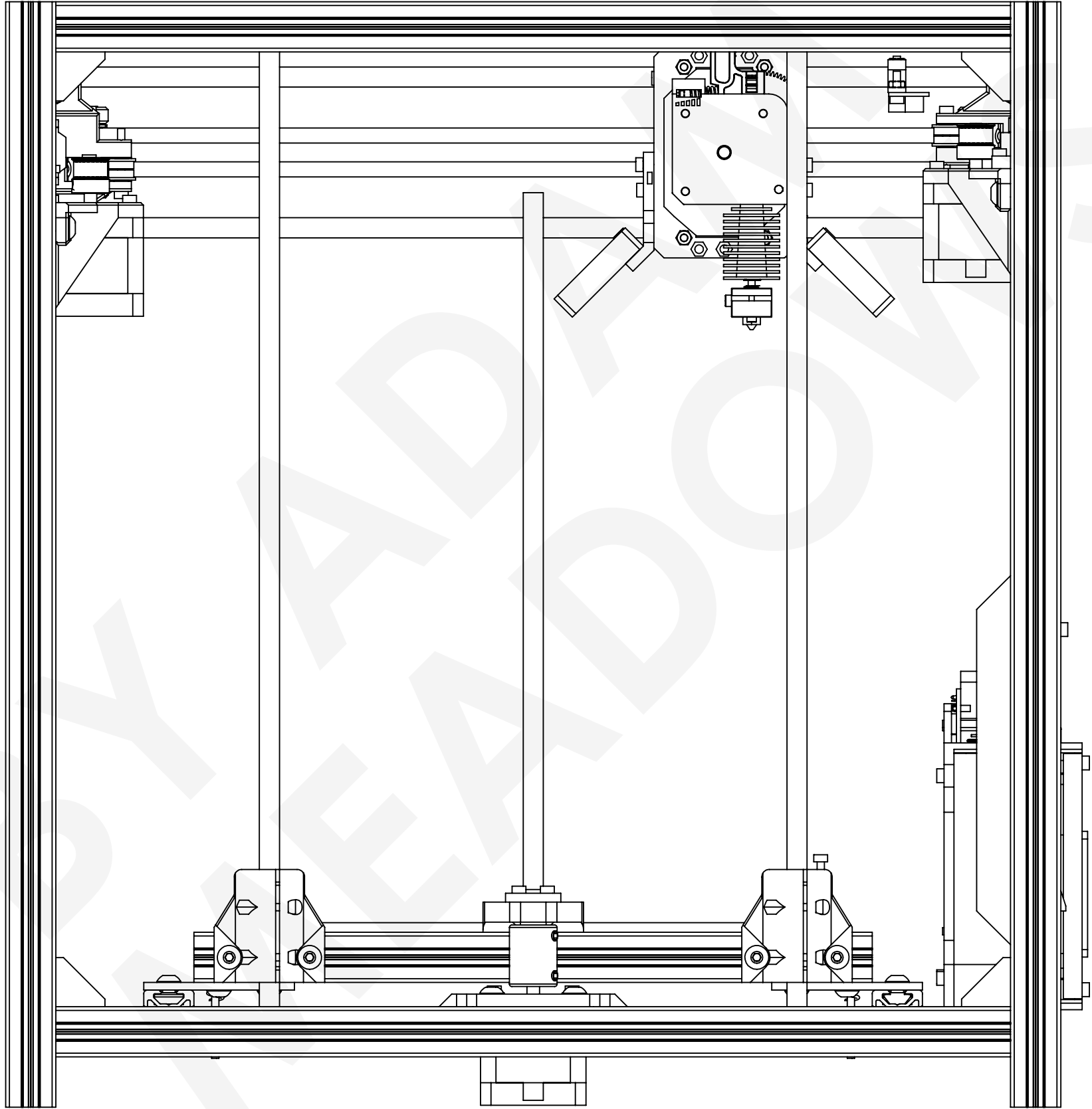
ISOMETRIC
VIEW

REVISION	1	DRAWN BY	A Meadows		
DATE	02/03/2017	ENGINEER	A Meadows		
CHANGE NOTES					
GENERAL NOTES	REMOVE ALL SHARP EDGES AND BURRS PARTS TO BE CLEAN AND FREE FROM OIL AND GREASE THE USER OF THIS DRAWING IS RESPONSIBLE FOR ENSURING THEY HAVE THE LATEST ISSUE DO NOT SCALE. WORK TO DIMENSIONS ONLY DIMENSIONS IN MILLIMETRES				
TOLERANCES <small>UNLESS OTHERWISE SPECIFIED</small>	TOLERANCE HEIRARCHY IN DESCENDING ORDER	0-250mm	250-1000mm	1000+mm	
	MACHINING	±0.1mm	±0.2mm	±0.5mm	
	HOLE SIZE	+0.3 - 0 mm	+0.5 - 0 mm	+0.5 - 0 mm	
	HOLE POSITION	±0.3mm	±0.5mm	±0.5mm	
	FORM/PROFILE	±0.5mm	±1.0mm	±1.0mm	
	ASSEMBLIES/FABRICATIONS	±0.5mm	±1.0mm	±2.0mm	
	ANGLES	±0.3°	±0.1°	±0.1°	
MATERIAL	SIZE	SEE COMPONENT PARTS			
	MATERIAL	SEE COMPONENT PARTS			
	SPEC	SEE COMPONENT PARTS			
	FINISH	None			
DRAWING SCALE		1:3			
DRAWING SIZE		A3			
TITLE: S.T.E.V.E v0.01 Full Assembly					
STATUS: WIP					
ESTIMATED MASS	6.95Kg		SHEET 1 OF 5		



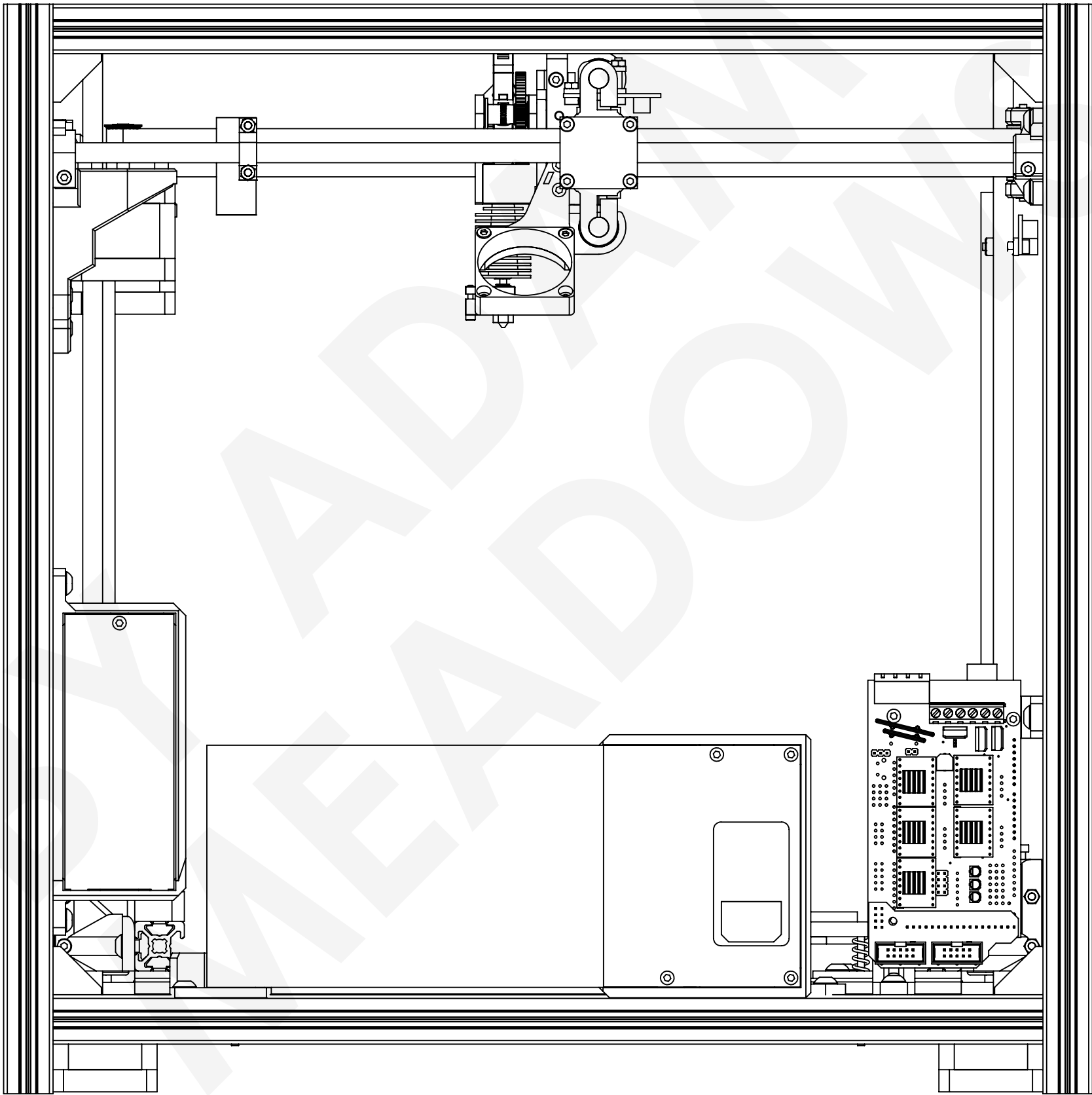
FRONT

REVISION	1	DRAWN BY	A Meadows		
DATE	02/03/2017	ENGINEER	A Meadows		
CHANGE NOTES					
GENERAL NOTES	<div>REMOVE ALL SHARP EDGES AND BURRS</div> <div>PARTS TO BE CLEAN AND FREE FROM OIL AND GREASE</div> <div>THE USER OF THIS DRAWING IS RESPONSIBLE FOR ENSURING THEY HAVE THE LATEST ISSUE</div> <div>DO NOT SCALE. WORK TO DIMENSIONS ONLY</div> <div>DIMENSIONS IN MILLIMETRES</div>				
TOLERANCES UNLESS OTHERWISE SPECIFIED	TOLERANCE HEIRARCHY IN DESCENDING ORDER		0-250mm	250-1000mm	1000+mm
	MACHINING		±0.1mm	±0.2mm	±0.5mm
	HOLE SIZE		+0.3 - 0 mm	+0.5 - 0 mm	+0.5 - 0 mm
	HOLE POSITION		±0.3mm	±0.5mm	±0.5mm
	FORM/PROFILE		±0.5mm	±1.0mm	±1.0mm
	ASSEMBLIES/FABRICATIONS		±0.5mm	±1.0mm	±2.0mm
	ANGLES		±0.3°	±0.1°	±0.1°
MATERIAL	SIZE	SEE COMPONENT PARTS			
	MATERIAL	SEE COMPONENT PARTS			
	SPEC	SEE COMPONENT PARTS			
	FINISH	None			
DRAWING SCALE		1:2			
DRAWING SIZE		A3			
TITLE: S.T.E.V.E v0.01 Full Assembly					
STATUS: WIP					
ESTIMATED MASS	6.95Kg		SHEET 2 OF 5		

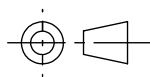


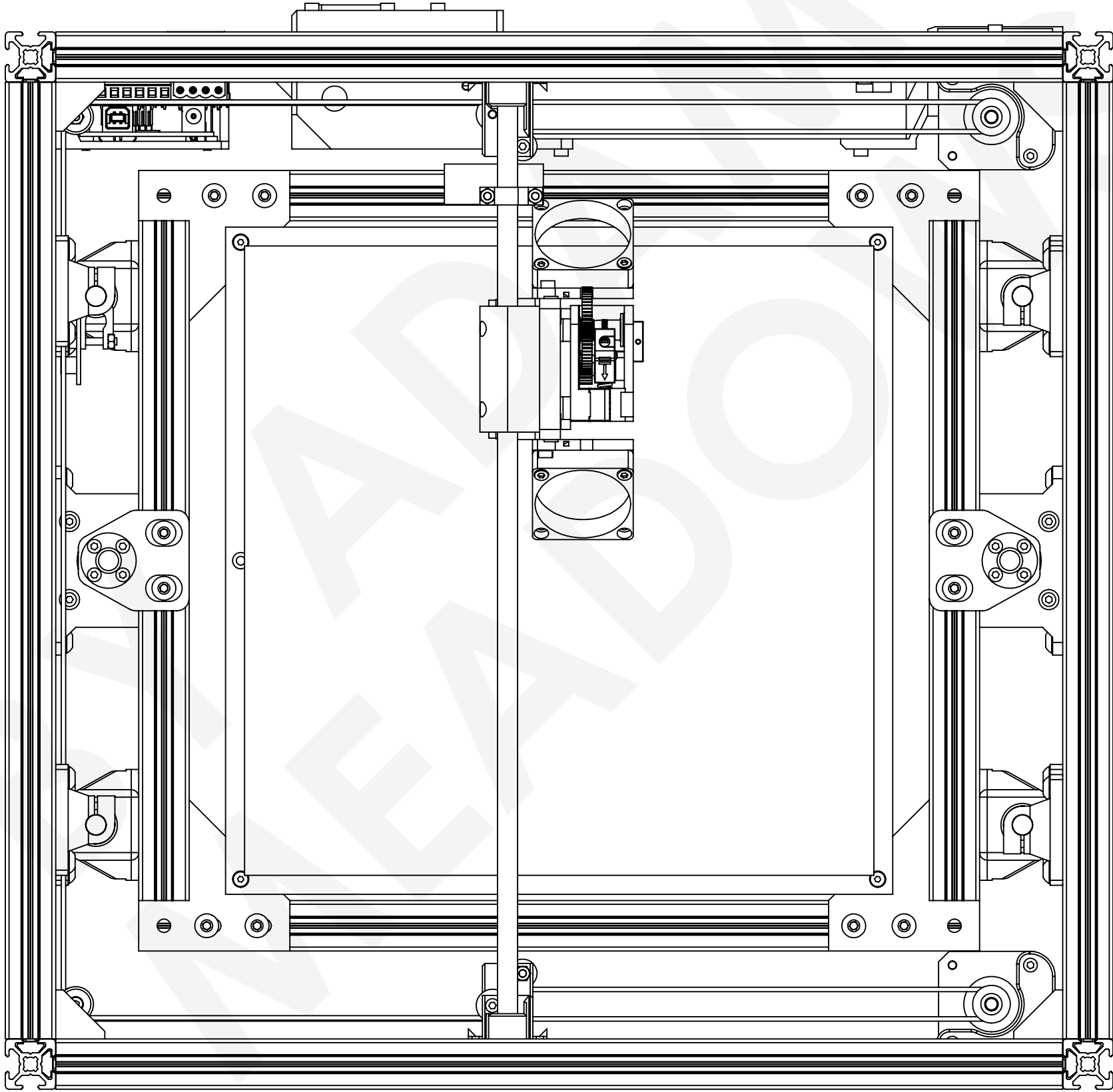
RIGHT SIDE

REVISION	1	DRAWN BY	A Meadows	
DATE	02/03/2017	ENGINEER	A Meadows	
CHANGE NOTES				
GENERAL NOTES	<div>REMOVE ALL SHARP EDGES AND BURRS</div> <div>PARTS TO BE CLEAN AND FREE FROM OIL AND GREASE</div> <div>THE USER OF THIS DRAWING IS RESPONSIBLE FOR ENSURING THEY HAVE THE LATEST ISSUE</div> <div>DO NOT SCALE. WORK TO DIMENSIONS ONLY</div> <div>DIMENSIONS IN MILLIMETRES</div>			
TOLERANCES UNLESS OTHERWISE SPECIFIED	TOLERANCE HEIRARCHY IN DESCENDING ORDER	0-250mm	250-1000mm	1000+mm
	MACHINING	±0.1mm	±0.2mm	±0.5mm
	HOLE SIZE	+0.3 - 0 mm	+0.5 - 0 mm	+0.5 - 0 mm
	HOLE POSITION	±0.3mm	±0.5mm	±0.5mm
	FORM/PROFILE	±0.5mm	±1.0mm	±1.0mm
	ASSEMBLIES/FABRICATIONS	±0.5mm	±1.0mm	±2.0mm
	ANGLES	±0.3°	±0.1°	±0.1°
MATERIAL	SIZE	SEE COMPONENT PARTS		
	MATERIAL	SEE COMPONENT PARTS		
	SPEC	SEE COMPONENT PARTS		
	FINISH	None		
DRAWING SCALE		1:2		
DRAWING SIZE		A3		
TITLE: S.T.E.V.E v0.01 Full Assembly				
STATUS: WIP				
ESTIMATED MASS	6.95Kg	SHEET 3 OF 5		



REAR

REVISION	1	DRAWN BY	A Meadows	
DATE	02/03/2017	ENGINEER	A Meadows	
CHANGE NOTES				
GENERAL NOTES	<p>REMOVE ALL SHARP EDGES AND BURRS</p> <p>PARTS TO BE CLEAN AND FREE FROM OIL AND GREASE</p> <p>THE USER OF THIS DRAWING IS RESPONSIBLE FOR ENSURING THEY HAVE THE LATEST ISSUE</p> <p>DO NOT SCALE. WORK TO DIMENSIONS ONLY</p> <p>DIMENSIONS IN MILLIMETRES</p>			
TOLERANCES UNLESS OTHERWISE SPECIFIED	TOLERANCE HEIRARCHY IN DESCENDING ORDER	0-250mm	250-1000mm	1000+mm
	MACHINING	±0.1mm	±0.2mm	±0.5mm
	HOLE SIZE	+0.3 - 0 mm	+0.5 - 0 mm	+0.5 - 0 mm
	HOLE POSITION	±0.3mm	±0.5mm	±0.5mm
	FORM/PROFILE	±0.5mm	±1.0mm	±1.0mm
	ASSEMBLIES/FABRICATIONS	±0.5mm	±1.0mm	±2.0mm
	ANGLES	±0.3°	±0.1°	±0.1°
MATERIAL	SIZE	SEE COMPONENT PARTS		
	MATERIAL	SEE COMPONENT PARTS		
	SPEC	SEE COMPONENT PARTS		
	FINISH	None		
DRAWING SCALE		1:2		
DRAWING SIZE		A3		
TITLE: S.T.E.V.E v0.01 Full Assembly				
STATUS: WIP				
ESTIMATED MASS	6.95Kg	SHEET 4 OF 5		



TOP

REVISION	1	DRAWN BY	A Meadows	
DATE	02/03/2017	ENGINEER	A Meadows	
CHANGE NOTES				
GENERAL NOTES	<p>REMOVE ALL SHARP EDGES AND BURRS</p> <p>PARTS TO BE CLEAN AND FREE FROM OIL AND GREASE</p> <p>THE USER OF THIS DRAWING IS RESPONSIBLE FOR ENSURING THEY HAVE THE LATEST ISSUE</p> <p>DO NOT SCALE. WORK TO DIMENSIONS ONLY</p> <p>DIMENSIONS IN MILLIMETRES</p>			
TOLERANCES UNLESS OTHERWISE SPECIFIED	TOLERANCE HEIRARCHY IN DESCENDING ORDER	0-250mm	250-1000mm	1000+mm
	MACHINING	±0.1mm	±0.2mm	±0.5mm
	HOLE SIZE	+0.3 - 0 mm	+0.5 - 0 mm	+0.5 - 0 mm
	HOLE POSITION	±0.3mm	±0.5mm	±0.5mm
	FORM/PROFILE	±0.5mm	±1.0mm	±1.0mm
	ASSEMBLIES/FABRICATIONS	±0.5mm	±1.0mm	±2.0mm
	ANGLES	±0.3°	±0.1°	±0.1°
	MATERIAL	SIZE	SEE COMPONENT PARTS	
MATERIAL		SEE COMPONENT PARTS		
SPEC		SEE COMPONENT PARTS		
FINISH		None		
DRAWING SCALE		1:2		
DRAWING SIZE		A3		
TITLE: S.T.E.V.E v0.01 Full Assembly				
STATUS: WIP				
ESTIMATED MASS	6.95Kg	SHEET 5 OF 5		