

ITEM NO.				QTY.				PART NUMBER				DESCRIPTION			
1	1	1610 X 32mm		TAPER LOCK BUSHING, 1610, 32mm BORE				2	1	1702-108 MAG LIFT CHAIN		NO 40 CHAIN, NICKEL PLATED, 87.5" LG			
3	1	1702-108 MAG TOP GUIDE CHAIN		NO 40 CHAIN, NICKEL PLATED, 87.25" LG				4	1	2090-CFBM7DF-CEAA07		7M SPEEDTEC FEED BACK CABLE			
5	1	2090-CPBM7DF-16AA07		7M SPEEDTEC POWER CABLE W/ BRAKE WIRES				6	2	40BS12 X .625		40BS12 X 5/8" SPROCKET			
7	2	40BS14 X .75		40BS14 X 3/4" SPROCKET				8	1	4464K563		3/8" NPT PIPE PLUG			
9	2	4648K16		5/8" BORE, FOOD GRADE BALL BEARING				10	1	5469K123		MANIFOLD, 3/8 NPT INLET, (4) 1/4 NPT OUTLETS			
11	2	57095K136		TAPER-LOCK BUSHING, SIZE 1210, 1-1/4" BORE				12	1	5906K517		THRUST WASHER, 3/4" ID X 1-1/4" OD X 1/16" LG			
13	4	5906K547		THRUST WASHER, 5/8 x 1-1/4 x 1/16				14	4	60655K592		ADJUSTABLE HANDLE, 5/16"-18 X 3/4" LG STUD, ORANGE			
15	8	60655K622		5/16"-18 X 2" STUD, ADJUSTABLE HANDLE				16	1	6338K427		FLANGE BEARING			
17	1	6338K429		FLANGE BEARING, 3/4" BORE, 1/2" LG, 1/8" THK FLANGE				18	1	6338K472		FLANGE BEARING, 3/4" BORE, 3/4" LG, 1/8" THK FLANGE			
19	1	6338K473		FLANGE BEARING, 5/8" BORE, 5/8" LG, 1/8" THK FLANGE				20	2	6391K203		5/8" ID X 7/8" OD X 3/4" LG SLEEVE BEARING			
21	2	6655K19		THRUST BEARING				22	2	6843K180		MITER GEAR, 20 TEETH, 10 PITCH			
23	2	6843K19		MITER GEAR, 20 deg PRES ANGLE, 3/4" KEYED BORE, 10 PITCH, 20T				24	2	7095K47		Ø3/4" x 1" LG BRONZE BEARING			
25	1	90044A156		3/8"-16 X 6" LG SHCS, FULL THRD, BLACK OXIDE				26	1	91259A796		SHOULDER BOLT, 5/8 DIA x 1.25 LG, 1/2-13 STUD			
27	1	91259A800		5/8" SHOULDER SCREW, 1-3/4" LG, 1/2-13 THRD				28	8	91847A515		7/16"-20 THIN NUT			
29	8	91847A545		5/8"-18 HEX NUT, THIN				30	8	92146A032		7/16" PLIT LOCK WASHER			
31	8	92146A035		5/8" SPLIT LOCK WASHER				32	8	92320A265		SPACER, 5/8" BORE, 3/8" LG, 1" OD			
33	2	92383A749		SLOTTED SPRING PIN				34	2	92510A489		SPACER, .32 ID x .75 OD, .25 THICK, ALUM			
35	1	92620A639		3/8"-16 x 4" HHCS, GR 8, FULL THRD				36	1	9368T174		SLEEVE BEARING, 5/8 ID x 3/4 OD, 5/8" LG			
37	1	9368T31		SLEEVE BEARING, 5/8 ID x 3/4 OD, 1" LG				38	8	98125A445		WASHER, FOR 5/8" SCREW, OVERSIZED, .198-.223 THK			
39	1	ABR090-010-S2-P2 MPL-B320P		RIGHT ANGLE PLANETARY GEARBOX, SIZE 090, 10:1, KEYED SHAFT, FOR MPL-B320P SERVO				40	2	B50-2.30.05AG		B50-2 PIAB SUCTION CUP			
41	2	C5-11-25-3		DOOR LATCH				42	2	CL-10-SS		SS ONE-PIECE SHAFT COLLAR			
43	8	H32LW		CAM FOLLOWER, 1" OD, HEAVY STUD				44	1	MPL-B320P-MJ74AA		SERVO MOTOR, 460 VAC, W/ 24 VDC BRAKE			
45	2	new 1702-108 DRIVE BELT A		ERECTOR DRIVE BELT, 1000mm LG, 32mm W, EAGLE 8M				46	2	9826		OIL SEAL			
47	1	OP7-A-10-DX-F3_4-R		POSITION INDICATOR, TOP VIEW				48	1	OP7-C-10-DX-F3_4-R-D5_8		POSITION INDICATOR, ORANGE, WITH 3/4" TO 5/8" REDUCER			
49	1	PC.F.121.S.EBX.F1P2.1X.P2.EK		VACUUM PUMP				50	3	PC.F.421.S.EBX.F1P2.1X.P2.EK		VACUUM PUMP			
51	8	S32LWX		ECCENTRIC CAM FOLLOWER, 1" OD				52	1	SP-10-A		2-PC SHAFT COLLAR, 5/8" BORE			
53	1	SP-12-A		2-PC SHAFT COLLAR, 3/4" BORE				54	2	SUCTFB 205-16		CHEVRON BEARING, 1" BORE			
55	3	V19-G-BK10M-PVC-U		M12 CABLE, STRAIGHT, 10M LG, 8-PIN				56	4	VG-635-BK		HINGE			
57	1	1702-108C		3-HEAD ROTARY ERECTOR				58	1	MD-03-5223-00		HANDLE STORAGE BRACKET			
59	1	MD-03-5288-00		ADJUSTING HANDLE, 3/4" BORE				60	2	MD-08-0138-05		PRE-BREAK VACUUM ARM			
61	1	MD-08-5131-00 REV A		SHAFT SLEEVE											

REVISIONS			
REV.	DESCRIPTION	DATE	INITIALS

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
62	1	MD-08-5353-00	ERECTOR PULLEY
63	1	MD-08-5358-00	MAIN ERECTOR DRIVE PULLEY
64	1	MD-08-5362-00	TENSIONER PULLEY
65	1	MD-08-5363-00	ERECTOR BELT TENSIONER A
66	1	MD-08-5364-00	ERECTOR BELT JACK BLOCK A
67	1	MD-08-5378-00	TENSIONER PULLEY
68	1	MD-08-5530-00	ERECTOR BELT JACK BLOCK B
69	1	MD-08-5532-00	ERECTOR DRIVE PULLEY
70	2	MD-08-5593-00	THRUST HOUSING
71	1	MD-08-5594-00	GEAR COVER A
72	1	MD-08-5595-00	GEAR COVER B
73	1	MD-08-5598-00	LIFT SCREW DRIVE SHAFT A
74	1	MD-08-5599-00	LIFT SCREW DRIVE SHAFT B
75	1	MD-08-5600-00 REV A	LOWER LIFT CROSSMEMBER
76	1	MD-08-5601-00	LOWER MAGAZINE LIFT SCREW A
77	1	MD-08-5602-00	LOWER MAGAZINE LIFT SCREW B
78	2	MD-08-5603-00 REV A	OVERHEAD RAIL
79	1	MD-08-5611-00	SHAFT SUPPORT ANGLE
80	1	MD-08-5612-00	SHAFT SUPPORT ANGLE A
81	1	MD-08-5613-00 REV A	SHAFT SUPPORT BLOCK
82	1	MD-08-5614-00 REV A	SHAFT SUPPORT BLOCK A
83	1	MD-08-5615-00	UPPER CROSSMEMBER
84	1	MD-08-5616-00	UPPER LIFT CROSSMEMBER
85	1	MD-08-5617-00	UPPER LIFT SCREW A
86	2	MD-08-5824-00	POSITION RULE
87	2	MD-08-5864-00	PRE-BREAK VACUUM ARM MOUNT
88	2	MD-08-5865-00	PRE-BREAK ARM PLATE
89	3	MD-08-5923-00	CHAIN TENSIONER A
90	1	MD-08-5988-00	CROSSBAR, ERECTOR FRAME
91	1	MD-08-6294-00	ROTARY DRIVE SHAFT
92	1	MD-08-6295-00	ERECTOR BELT TENSIONER B
93	1	MD-08-6296-00	ROTARY MOUNT PLATE
94	2	MD-08-6297-00	ERECTOR SIDE BRACE
95	2	MD-08-6298-00	OVERHEAD ERECTOR RAIL MOUNT
96	1	MD-08-6299-00	ERECTOR SERVO MOUNT PLATE
97	1	MD-08-6300-00	LIFT BAR
98	2	MD-08-6301-00	PRE-BREAK CROSSMEMBER
99	1	MD-08-6302-00	PRE-BREAK CROSSMEMBER
100	1	MD-08-6303-00	PRE-BREAK CROSSMEMBER
101	1	MD-08-6304-00	PRE-BREAK CROSSMEMBER
102	1	MD-08-6305-00	ROTARY GUARD WINDOW
103	2	MD-08-6306-00	ROTARY LIFT PLATE
104	1	MD-08-6307-00	VACUUM PUMP MOUNT PLATE
105	1	MD-08-6308-00	ROTARY FRAME A
106	1	MD-08-6309-00	ROTARY FRAME B
107	1	MD-08-6310-00	ERECTOR STIFFENER
108	4	MD-08-6311-00	ERECTOR STIFFENER
109	1	MD-08-6312-00	LIFT BAR
110	2	MD-08-6313-00	LIFT BAR
111	1	MD-08-6318-00	ERECTOR GUSSET
112	1	MD-08-6319-00	SEC. LOWER LIFT CROSSMEMBER
113	1	MD-09-5365-00	UPPER LIFT SCREW - SECONDARY
114	2	MD-09-6150-00	BEARING COVER
115	1	MD-09-7086-00	MAIN MAGAZINE UPRIGHT
116	1	MD-09-7087-00	MAIN MAGAZINE UPRIGHT
117	1	MD-09-7088-00	MAIN MAGAZINE UPRIGHT
118	2	MD-10-0764-00	OVERHEAD RAIL SLIDE
119	2	MD-10-0857-01 REV B	MOUNT CLAMP
120	4	MD-13-0180-02	ROTARY HINGE SPACER
121	4	MD-13-5650-00	HINGE NUT BAR
122	2	MD-13-7431-00	DOOR SENSOR NUT PLATE
123	1	MD-13-7504-00	ROTARY DOOR
124	1	MD-13-7505-00	ROTARY DOOR- RH

113

105

124

3

83

106

123

85

76

102

ORBITAL ERECTOR - LH

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES

TOLERANCES:

FRACTIONAL ± .015

ANGULAR: MACH±0.5° BEND ±5°

TWO PLACE DECIMAL ± .010

THREE PLACE DECIMAL ± .005

INTERPRET GEOMETRIC TOLERANCING PER:

MATERIAL

FINISH

DRAWN

CHECKED

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MFG APPR.

Q.A.

COMMENTS:

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DATE

QTY.

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SIZE

DWG. NO.

REV

1702-108

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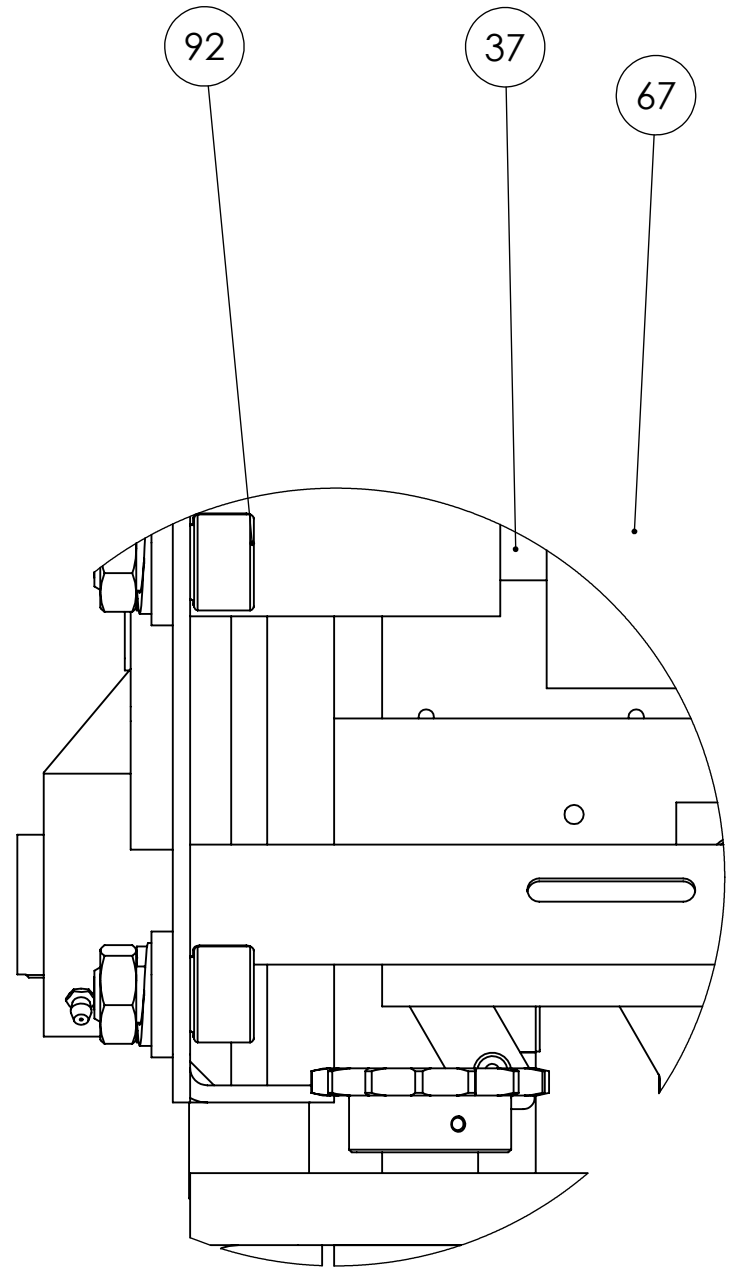
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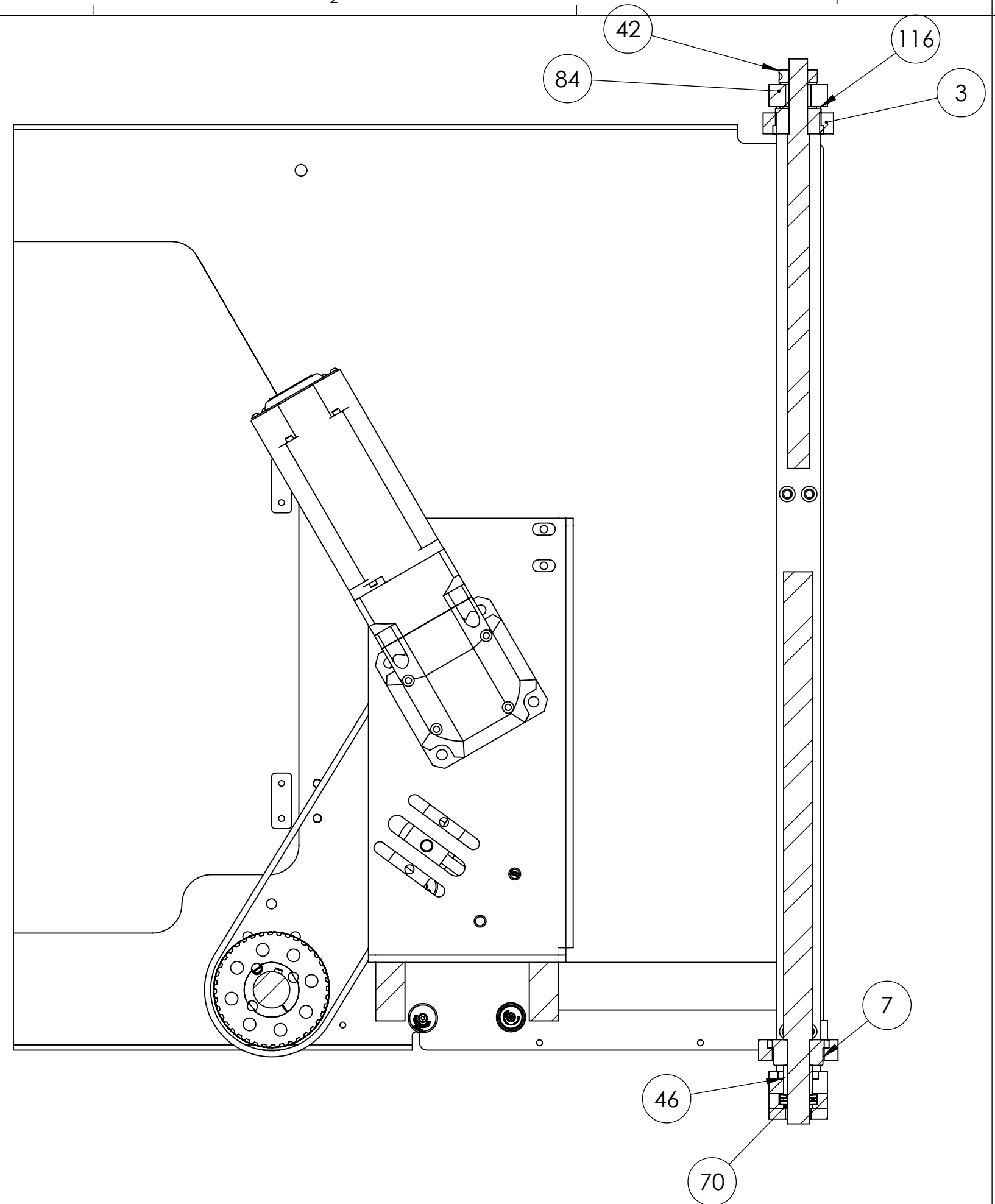
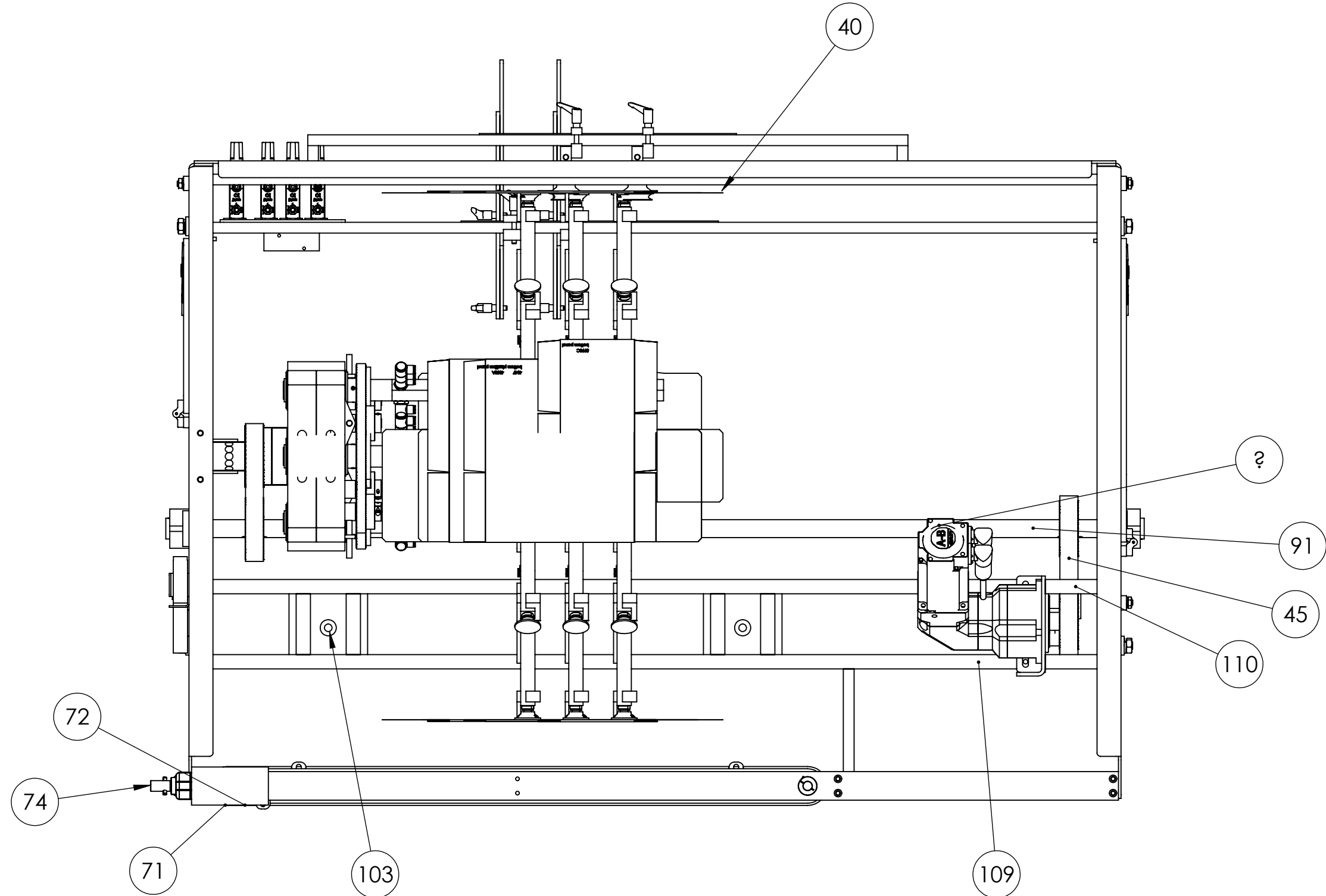
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SHEET SCALE: 1:12

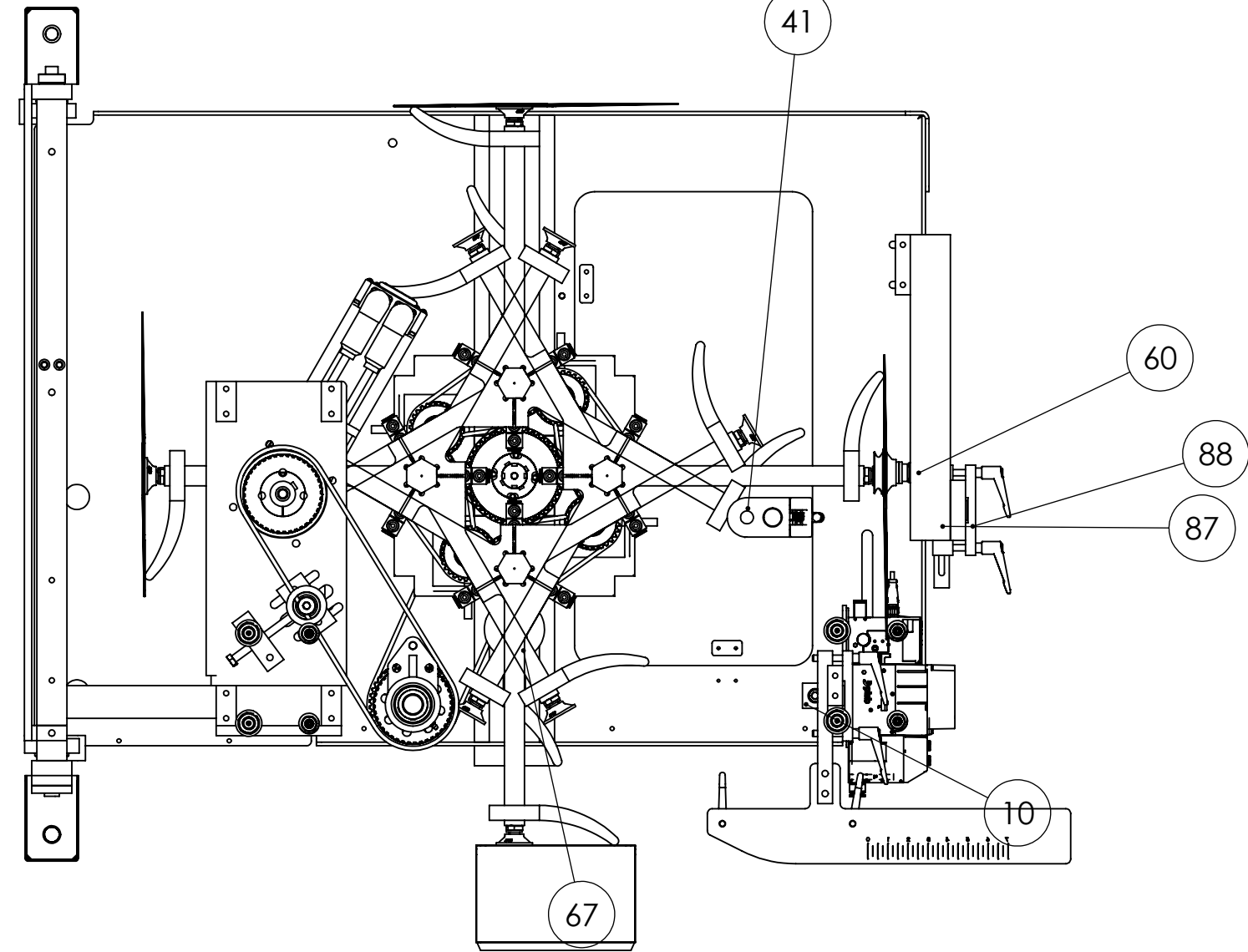
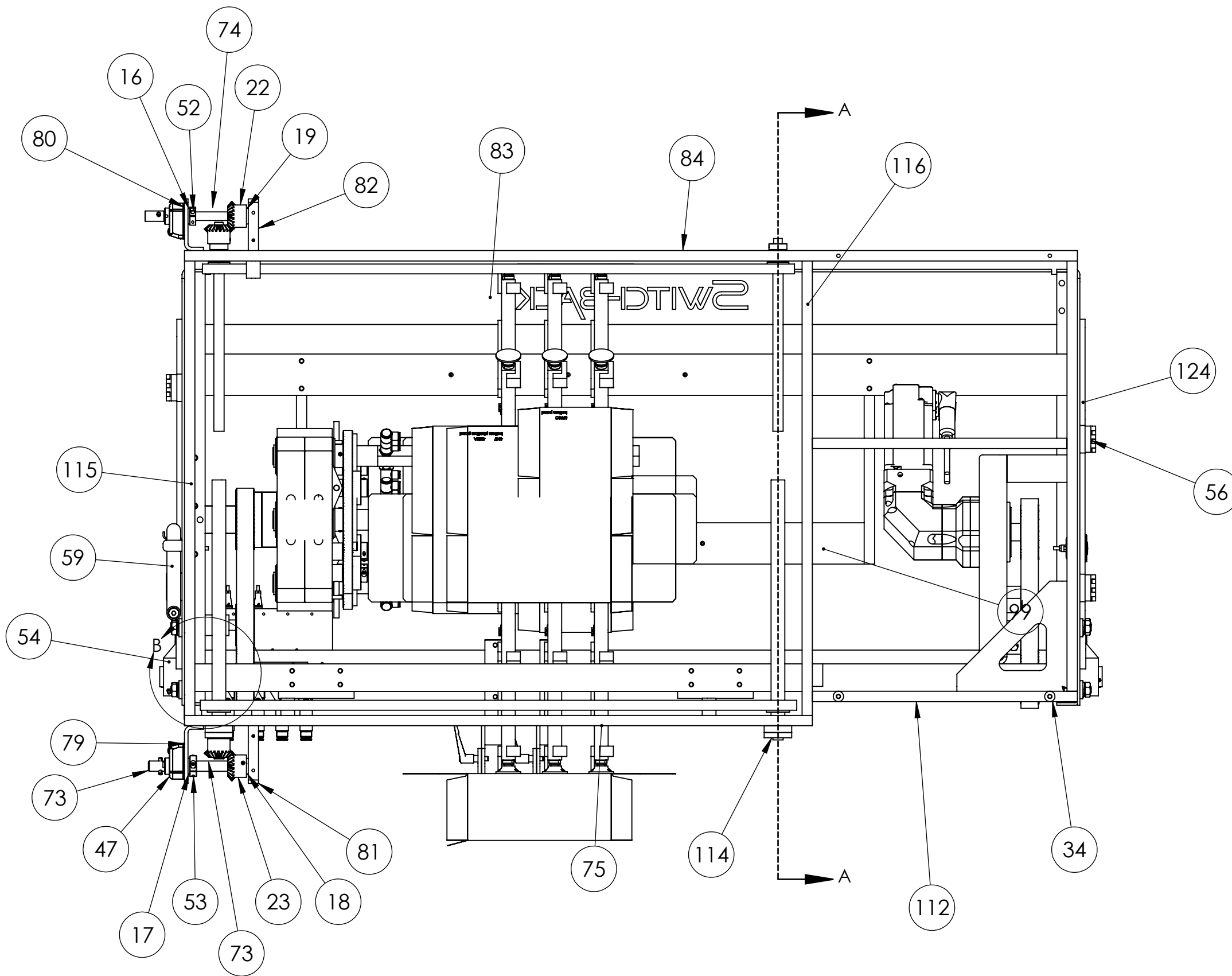
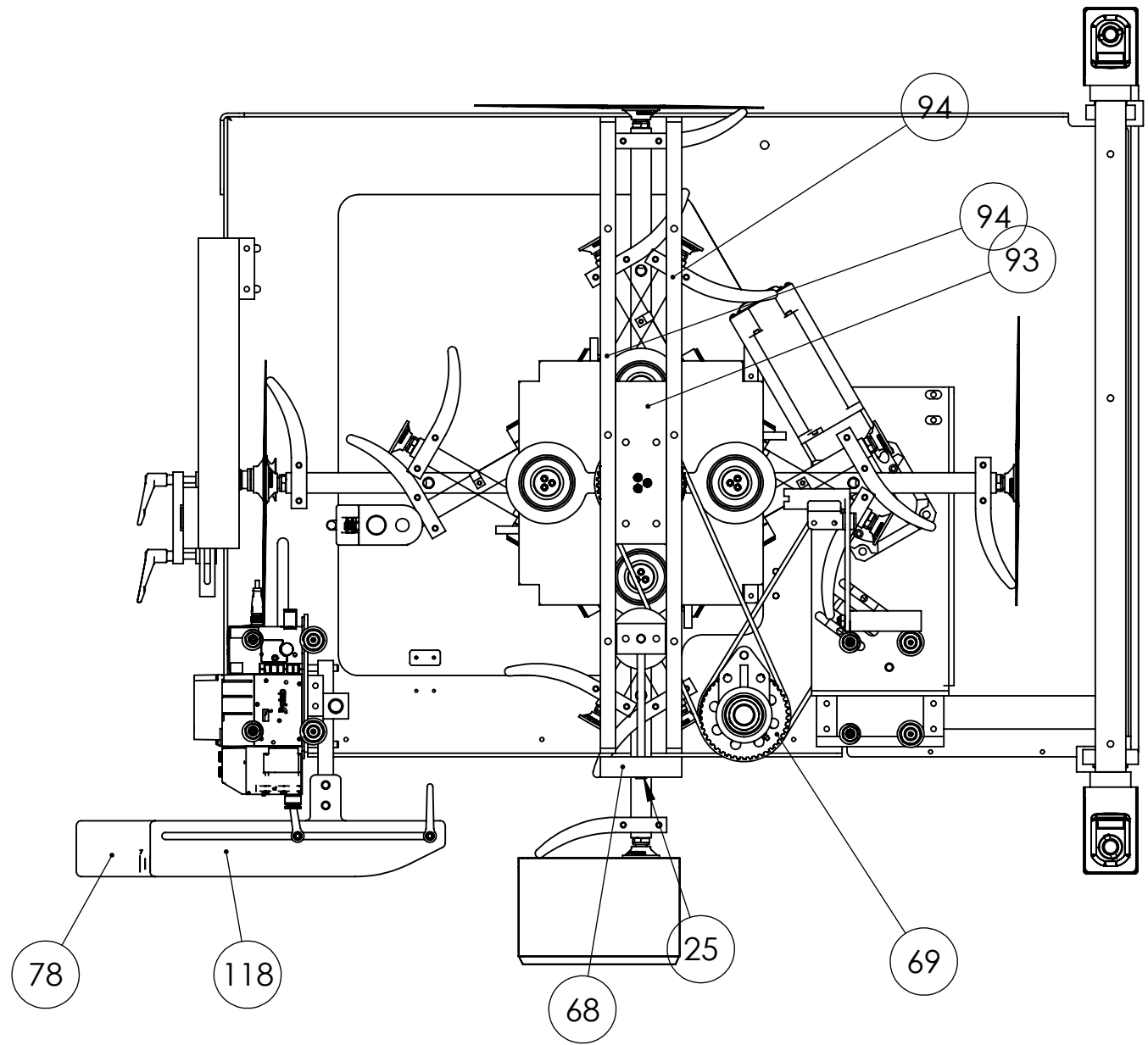
SHEET 1 OF 3



DETAIL B
SCALE 1:2



SECTION A-A
SCALE 1:4



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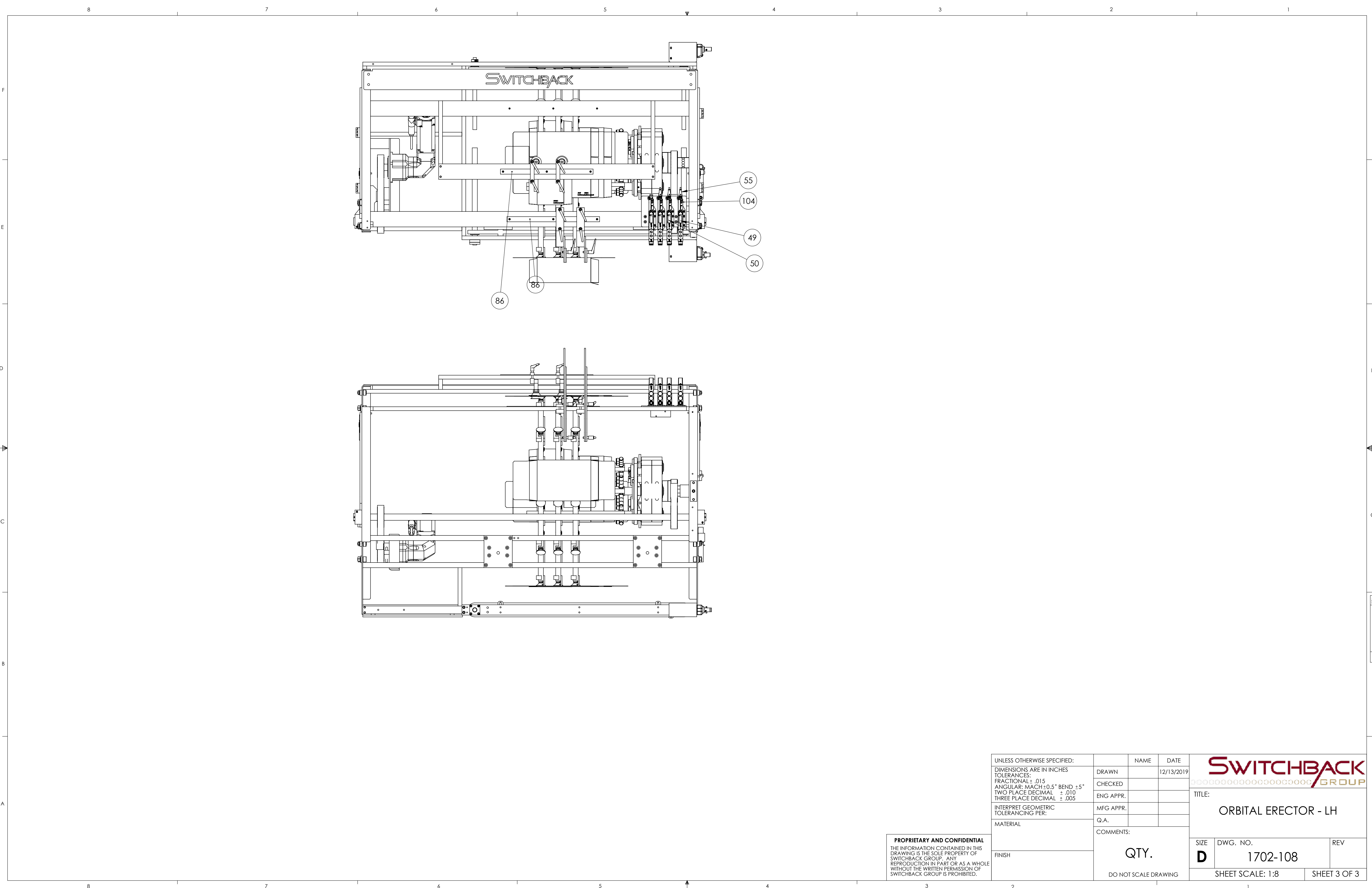
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TOLERANCES:		
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ANGULAR: MACH ± 0.5° BEND ± 5°	CHECKED	
TWO PLACE DECIMAL ± .010	ENG APPR.	
THREE PLACE DECIMAL ± .005	MFG APPR.	
INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.	
MATERIAL	COMMENTS:	

FINISH

QTY.

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TITLE: ORBITAL ERECTOR - LH		
SIZE D	DWG. NO. 1702-108	REV
SHEET SCALE: 1:8		SHEET 2 OF 3



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DIMENSIONS ARE IN INCHES TOLERANCES:	DRAWN		12/13/2019
FRACTIONAL ± .015 ANGULAR: MACH±0.5° BEND ± 5° TWO PLACE DECIMAL ± .010 THREE PLACE DECIMAL ± .005	CHECKED		
	ENG APPR.		
INTERPRET GEOMETRIC TOLERANCING PER:	MFG APPR.		
	Q.A.		
MATERIAL	COMMENTS:		
	QTY.		
FINISH			
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TITLE:

ORBITAL ERECTOR - LH

SIZE	DWG. NO.	REV
D	1702-108	
SHEET SCALE: 1:8		SHEET 3 OF 3