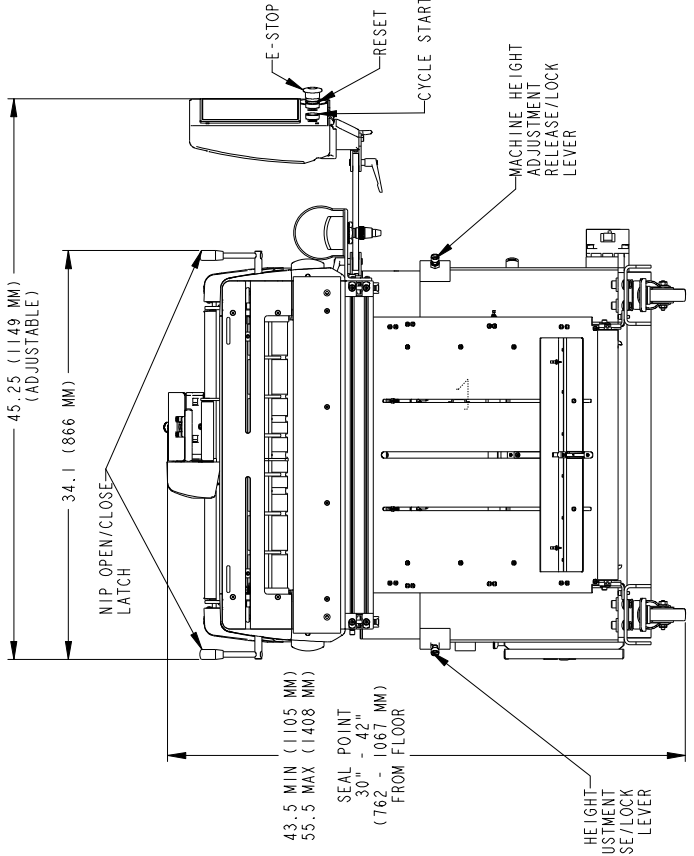
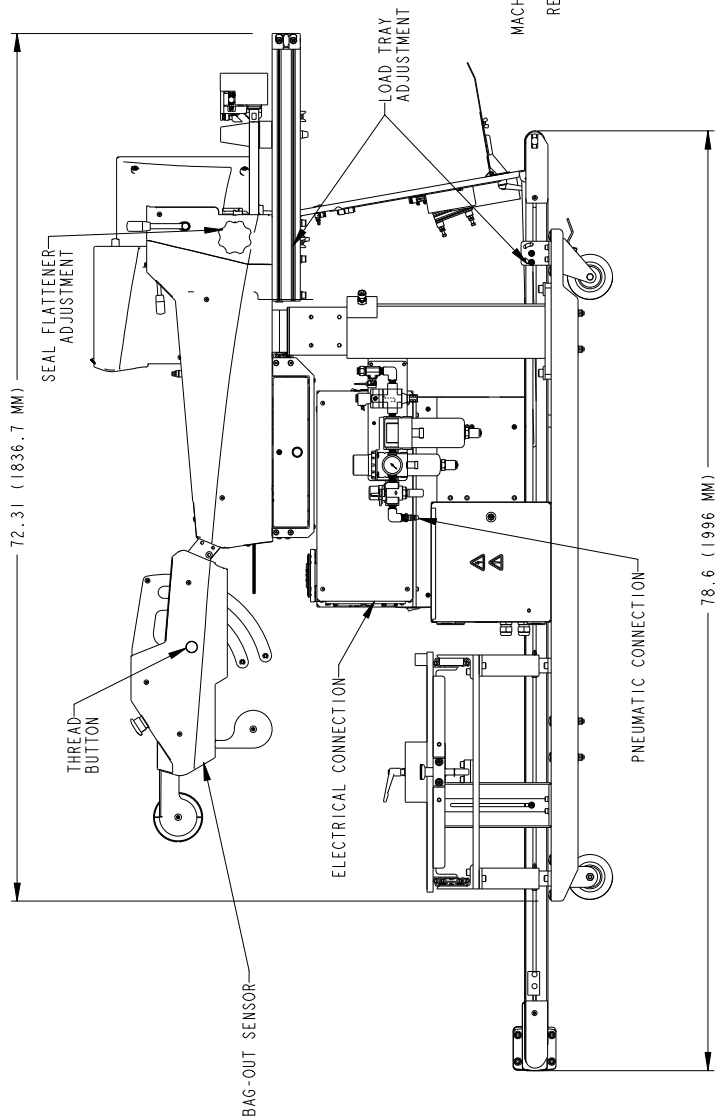
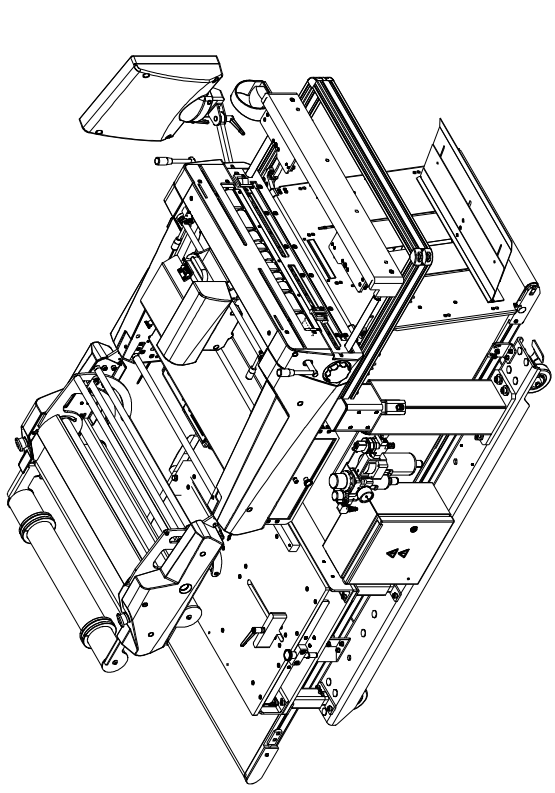
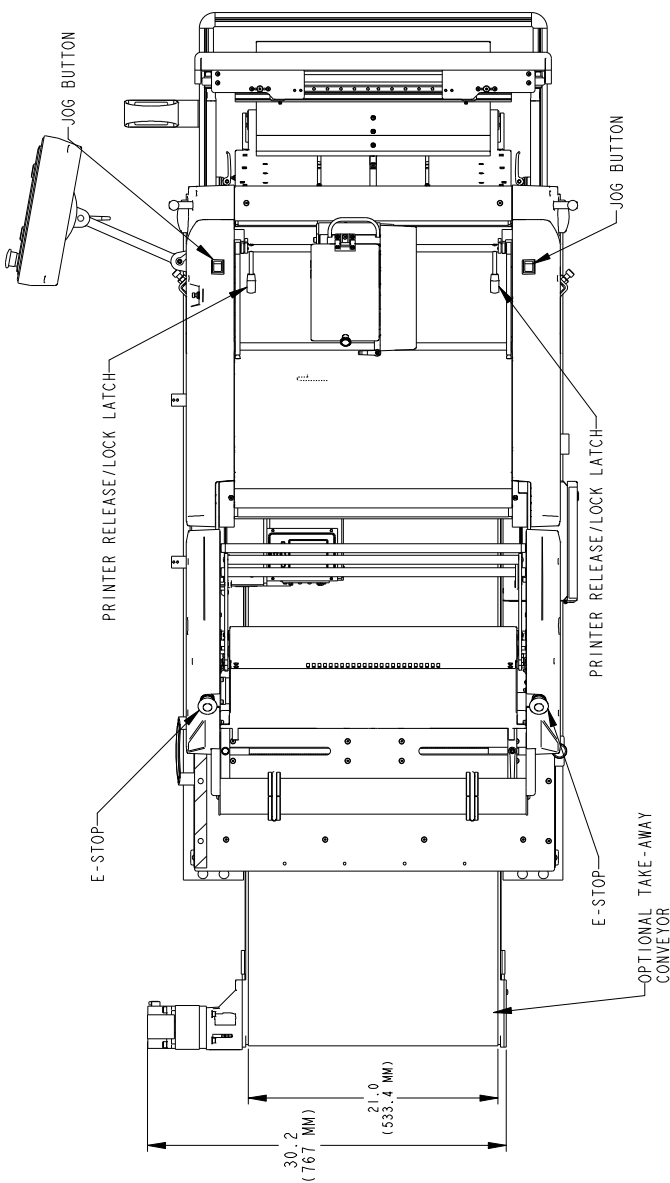
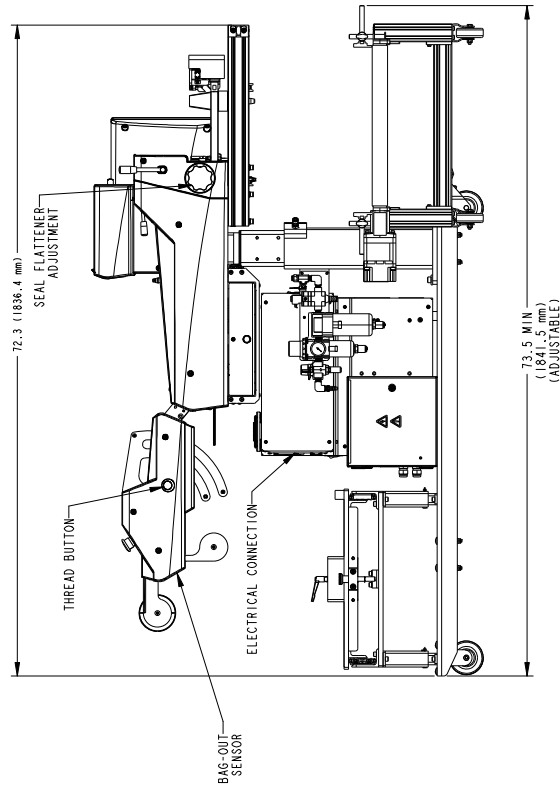
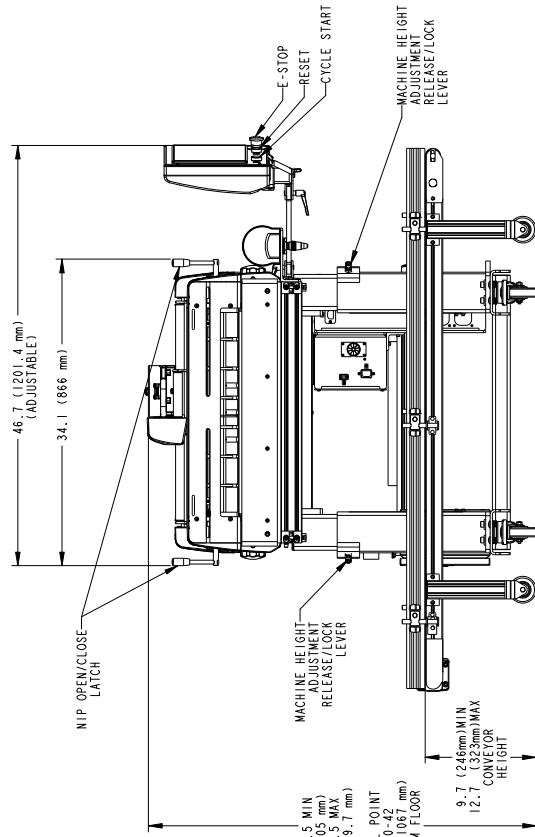
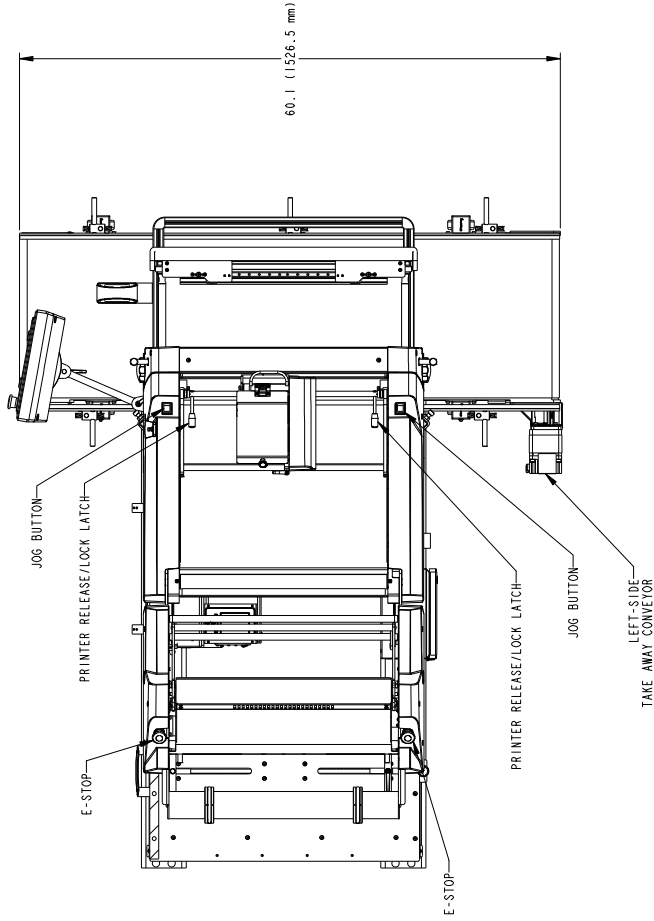
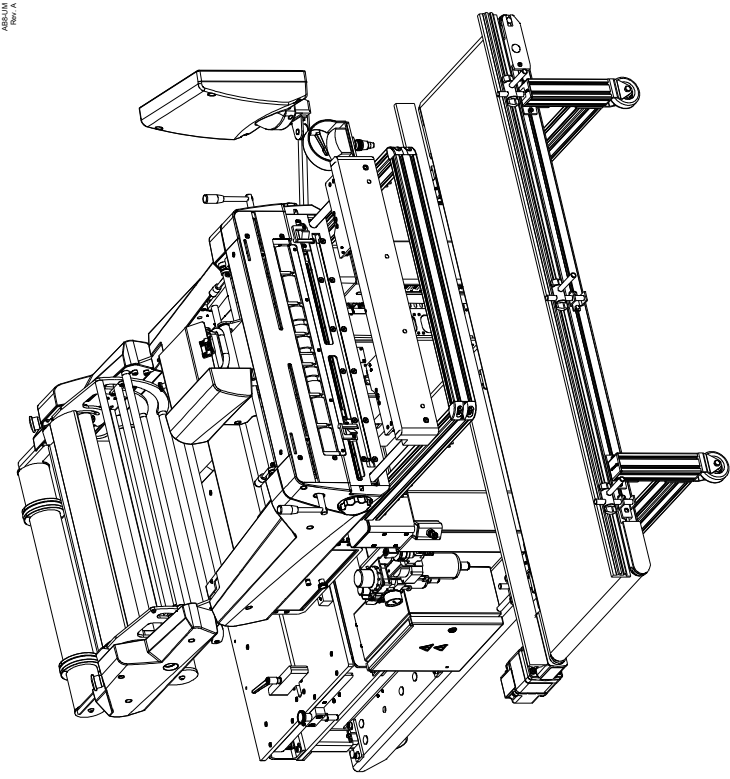




SPECIFICATIONS	
ELECTRICAL	110/220VAC Switchable 50/60 Hz, 1800 Watts Continuous
PNEUMATIC	5 CFM @80 PSI, Clean Dry Air

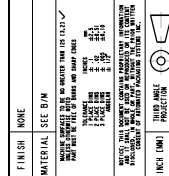
REV	BY	DATE	DESCRIPTION
1	21	12/23/20	REVISED
2	21	12/23/20	REVISED
3	21	12/23/20	REVISED
4	21	12/23/20	REVISED
5	21	12/23/20	REVISED
6	21	12/23/20	REVISED
7	21	12/23/20	REVISED
8	21	12/23/20	REVISED
9	21	12/23/20	REVISED
10	21	12/23/20	REVISED
11	21	12/23/20	REVISED
12	21	12/23/20	REVISED
13	21	12/23/20	REVISED
14	21	12/23/20	REVISED
15	21	12/23/20	REVISED
16	21	12/23/20	REVISED
17	21	12/23/20	REVISED
18	21	12/23/20	REVISED
19	21	12/23/20	REVISED
20	21	12/23/20	REVISED
21	21	12/23/20	REVISED
22	21	12/23/20	REVISED
23	21	12/23/20	REVISED
24	21	12/23/20	REVISED
25	21	12/23/20	REVISED
26	21	12/23/20	REVISED
27	21	12/23/20	REVISED
28	21	12/23/20	REVISED
29	21	12/23/20	REVISED
30	21	12/23/20	REVISED
31	21	12/23/20	REVISED
32	21	12/23/20	REVISED
33	21	12/23/20	REVISED
34	21	12/23/20	REVISED
35	21	12/23/20	REVISED
36	21	12/23/20	REVISED
37	21	12/23/20	REVISED
38	21	12/23/20	REVISED
39	21	12/23/20	REVISED
40	21	12/23/20	REVISED
41	21	12/23/20	REVISED
42	21	12/23/20	REVISED
43	21	12/23/20	REVISED
44	21	12/23/20	REVISED
45	21	12/23/20	REVISED
46	21	12/23/20	REVISED
47	21	12/23/20	REVISED
48	21	12/23/20	REVISED
49	21	12/23/20	REVISED
50	21	12/23/20	REVISED
51	21	12/23/20	REVISED
52	21	12/23/20	REVISED
53	21	12/23/20	REVISED
54	21	12/23/20	REVISED
55	21	12/23/20	REVISED
56	21	12/23/20	REVISED
57	21	12/23/20	REVISED
58	21	12/23/20	REVISED
59	21	12/23/20	REVISED
60	21	12/23/20	REVISED
61	21	12/23/20	REVISED
62	21	12/23/20	REVISED
63	21	12/23/20	REVISED
64	21	12/23/20	REVISED
65	21	12/23/20	REVISED
66	21	12/23/20	REVISED
67	21	12/23/20	REVISED
68	21	12/23/20	REVISED
69	21	12/23/20	REVISED
70	21	12/23/20	REVISED
71	21	12/23/20	REVISED
72	21	12/23/20	REVISED
73	21	12/23/20	REVISED
74	21	12/23/20	REVISED
75	21	12/23/20	REVISED
76	21	12/23/20	REVISED
77	21	12/23/20	REVISED
78	21	12/23/20	REVISED
79	21	12/23/20	REVISED
80	21	12/23/20	REVISED
81	21	12/23/20	REVISED
82	21	12/23/20	REVISED
83	21	12/23/20	REVISED
84	21	12/23/20	REVISED
85	21	12/23/20	REVISED
86	21	12/23/20	REVISED
87	21	12/23/20	REVISED
88	21	12/23/20	REVISED
89	21	12/23/20	REVISED
90	21	12/23/20	REVISED
91	21	12/23/20	REVISED
92	21	12/23/20	REVISED
93	21	12/23/20	REVISED
94	21	12/23/20	REVISED
95	21	12/23/20	REVISED
96	21	12/23/20	REVISED
97	21	12/23/20	REVISED
98	21	12/23/20	REVISED
99	21	12/23/20	REVISED
100	21	12/23/20	REVISED



SPECIFICATIONS

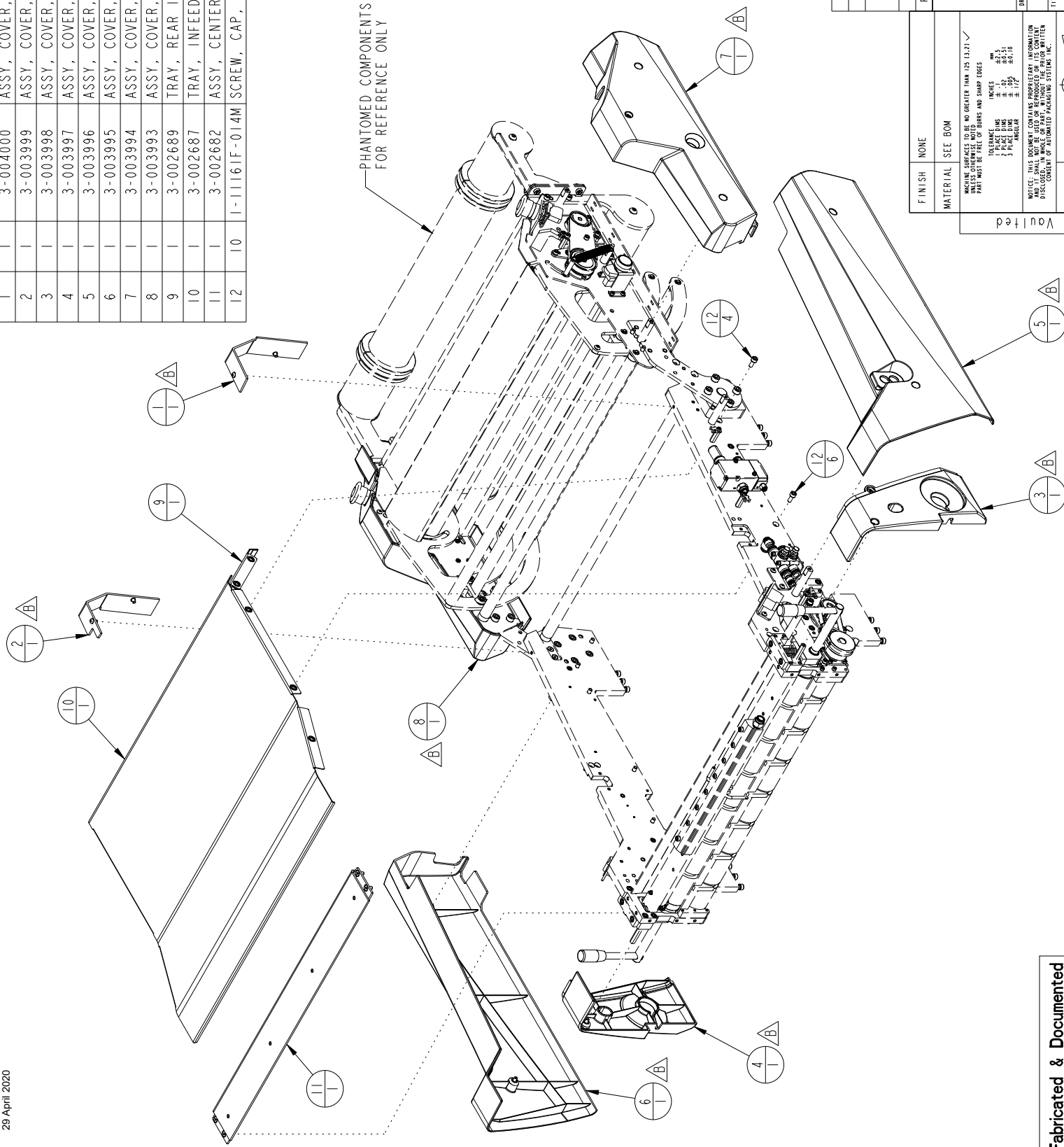
ELECTRICAL	110/220VAC Switchable 50/60 Hz, 1800 Watts Continuous
PNEUMATIC	5 CFM @80 PSI, Clean Dry Air

REV	BY	DATE	CHK	DESCRIPTION
1	12	12-23		REVISED
2	12	12-23		REVISED
3	12	12-23		REVISED
4	12	12-23		REVISED
5	12	12-23		REVISED
6	12	12-23		REVISED
7	12	12-23		REVISED
8	12	12-23		REVISED
9	12	12-23		REVISED
10	12	12-23		REVISED
11	12	12-23		REVISED
12	12	12-23		REVISED
13	12	12-23		REVISED
14	12	12-23		REVISED
15	12	12-23		REVISED
16	12	12-23		REVISED
17	12	12-23		REVISED
18	12	12-23		REVISED
19	12	12-23		REVISED
20	12	12-23		REVISED
21	12	12-23		REVISED
22	12	12-23		REVISED
23	12	12-23		REVISED
24	12	12-23		REVISED
25	12	12-23		REVISED
26	12	12-23		REVISED
27	12	12-23		REVISED
28	12	12-23		REVISED
29	12	12-23		REVISED
30	12	12-23		REVISED
31	12	12-23		REVISED
32	12	12-23		REVISED
33	12	12-23		REVISED
34	12	12-23		REVISED
35	12	12-23		REVISED
36	12	12-23		REVISED
37	12	12-23		REVISED
38	12	12-23		REVISED
39	12	12-23		REVISED
40	12	12-23		REVISED
41	12	12-23		REVISED
42	12	12-23		REVISED
43	12	12-23		REVISED
44	12	12-23		REVISED
45	12	12-23		REVISED
46	12	12-23		REVISED
47	12	12-23		REVISED
48	12	12-23		REVISED
49	12	12-23		REVISED
50	12	12-23		REVISED
51	12	12-23		REVISED
52	12	12-23		REVISED
53	12	12-23		REVISED
54	12	12-23		REVISED
55	12	12-23		REVISED
56	12	12-23		REVISED
57	12	12-23		REVISED
58	12	12-23		REVISED
59	12	12-23		REVISED
60	12	12-23		REVISED
61	12	12-23		REVISED
62	12	12-23		REVISED
63	12	12-23		REVISED
64	12	12-23		REVISED
65	12	12-23		REVISED
66	12	12-23		REVISED
67	12	12-23		REVISED
68	12	12-23		REVISED
69	12	12-23		REVISED
70	12	12-23		REVISED
71	12	12-23		REVISED
72	12	12-23		REVISED
73	12	12-23		REVISED
74	12	12-23		REVISED
75	12	12-23		REVISED
76	12	12-23		REVISED
77	12	12-23		REVISED
78	12	12-23		REVISED
79	12	12-23		REVISED
80	12	12-23		REVISED
81	12	12-23		REVISED
82	12	12-23		REVISED
83	12	12-23		REVISED
84	12	12-23		REVISED
85	12	12-23		REVISED
86	12	12-23		REVISED
87	12	12-23		REVISED
88	12	12-23		REVISED
89	12	12-23		REVISED
90	12	12-23		REVISED
91	12	12-23		REVISED
92	12	12-23		REVISED
93	12	12-23		REVISED
94	12	12-23		REVISED
95	12	12-23		REVISED
96	12	12-23		REVISED
97	12	12-23		REVISED
98	12	12-23		REVISED
99	12	12-23		REVISED
100	12	12-23		REVISED
101	12	12-23		REVISED
102	12	12-23		REVISED
103	12	12-23		REVISED
104	12	12-23		REVISED
105	12	12-23		REVISED
106	12	12-23		REVISED
107	12	12-23		REVISED
108	12	12-23		REVISED
109	12	12-23		REVISED
110	12	12-23		REVISED
111	12	12-23		REVISED
112	12	12-23		REVISED
113	12	12-23		REVISED
114	12	12-23		REVISED
115	12	12-23		REVISED
116	12	12-23		REVISED
117	12	12-23		REVISED
118	12	12-23		REVISED
119	12	12-23		REVISED
120	12	12-23		REVISED
121	12	12-23		REVISED
122	12	12-23		REVISED
123	12	12-23		REVISED
124	12	12-23		REVISED
125	12	12-23		REVISED
126	12	12-23		REVISED
127	12	12-23		REVISED
128	12	12-23		REVISED
129	12	12-23		REVISED
130	12	12-23		REVISED
131	12	12-23		REVISED
132	12	12-23		REVISED
133	12	12-23		REVISED
134	12	12-23		REVISED
135	12	12-23		REVISED
136	12	12-23		REVISED
137	12	12-23		REVISED
138	12	12-23		REVISED
139	12	12-23		REVISED
140	12	12-23		REVISED
141	12	12-23		REVISED
142	12	12-23		REVISED
143	12	12-23		REVISED
144	12	12-23		REVISED
145	12	12-23		REVISED
146	12	12-23		REVISED
147	12	12-23		REVISED
148	12	12-23		REVISED
149	12	12-23		REVISED
150	12	12-23		REVISED
151	12	12-23		REVISED
152	12	12-23		REVISED
153	12	12-23		REVISED
154	12	12-23		REVISED
155	12	12-23		REVISED
156	12	12-23		REVISED
157	12	12-23		REVISED
158	12	12-23		REVISED
159	12	12-23		REVISED
160	12	12-23		REVISED
161	12	12-23		REVISED
162	12	12-23		REVISED
163	12	12-23		REVISED
164	12	12-23		REVISED
165	12	12-23		REVISED
166	12	12-23		REVISED
167	12	12-23		REVISED
168	12	12-23		REVISED
169	12	12-23		REVISED
170	12	12-23		REVISED
171	12	12-23		REVISED
172	12	12-23		REVISED
173	12	12-23		REVISED
174	12	12-23		REVISED
175	12	12-23		REVISED
176	12	12-23		REVISED
177	12	12-23		REVISED
178	12	12-23		REVISED
179	12	12-23		REVISED
180	12	12-23		REVISED
181	12	12-23		REVISED
182	12	12-23		REVISED
183	12	12-23		REVISED
184	12	12-23		REVISED
185	12	12-23		REVISED
186	12	12-23		REVISED
187	12	12-23		REVISED
188	12	12-23		REVISED
189	12	12-23		REVISED
190	12	12-23		REVISED
191	12	12-23		REVISED
192	12	12-23		REVISED
193	12	12-23		REVISED
194	12	12-23		REVISED
195	12	12-23		REVISED
196	12	12-23		REVISED
197	12	12-23		REVISED
198	12	12-23		REVISED
199	12	12-23		REVISED
200	12	12-23		REVISED
201	12	12-23		REVISED
202	12	12-23		REVISED
203	12	12-23		REVISED
204	12	12-23		REVISED
205	12	12-23		REVISED
206	12	12-23		REVISED
207	12	12-23		REVISED
208	12	12-23		REVISED
209	12	12-23		REVISED
210	12	12-23		REVISED
211	12	12-23		REVISED
212	12	12-23		REVISED
213	12	12-23		REVISED
214	12	12-23		REVISED
215	12	12-23		REVISED
216	12	12-23		REVISED
217	12	12-23		REVISED
218	12	12-23		REVISED
219	12	12-23		REVISED
220	12	12-23		REVISED
221	12	12-23		REVISED
222	12	12-23		REVISED
223	12	12-23		REVISED
224	12	12-23		REVISED
225	12	12-23		REVISED
226	12	12-23		REVISED
227	12	12-23		REVISED
228	12	12-23		REVISED
229	12	12-23		REVISED
230	12	12-23		REVISED
231	12	12-23		REVISED
232	12	12-23		REVISED
233	12	12-23		REVISED
234	12	12-23		REVISED
235	12	12-23		REVISED
236	12	12-23		REVISED
237	12	12-23		REVISED
238	12	12-23		REVISED
239	12	12-23		REVISED
240	12	12-23		REVISED
241	12	12-23		REVISED
242	12	12-23		REVISED
243	12	12-23		REVISED
244	12	12-23		REVISED
245	12	12-23		REVISED
246	12	12-23		REVISED
247	12	12-23		REVISED
248	12	12-23		REVISED
249	12	12-23		REVISED
250	12	12-23		REVISED
251	12	12-23		REVISED
252	12	12-23		REVISED
253	12	12-23		REVISED
254	12	12-23		REVISED
255	12	12-23		REVISED
256	12	12-23		REVISED
257	12	12-23		REVISED
258	12	12-23		REVISED
259	12	12-23		REVISED
260	12	12-23		REVISED
261	12	12-23		REVISED
262	12	12-23		REVISED
263	12	12-23		REVISED
264	12	12-23		REVISED
265	12	12-23		REVISED
266	12	12-23		REVISED
267	12	12-23		REVISED
268	12	12-23		REVISED
269	12	12-23		REVISED
270	12	12-23		REVISED
271	12	12-23		REVISED
272	12	12-23		REVISED
273	12	12-23		REVISED
274	12	12-23		REVISED
275	12	12-23		REVISED
276	12	12-23		REVISED
277	12	12-23		REVISED
278	12	12-23		REVISED
279	12	12-23		REVISED
280	12	12-23		REVISED
281	12	12-23		REVISED
282	12	12-23		REVISED
283	12	12-23		REVISED
284	12	12-23		REVISED
285	12	12-23		REVISED
286	12	12-23		REVISED
287	12	12-23		REVISED
288	12	12-23		REVISED
289	12	12-23		REVISED
290	12	12-23		REVISED
291	12	12-23		REVISED
292	12	12-23		



 Automated PACKAGING SYSTEMS		8015 PHILIP PARKWAY • STREETSBORO, OH 44241	
DRAWING SIZE D	SCALE 3/8	QUANTITY 1	QUANTITY 1
DATE 12-16-13		SHEET 1 OF 1	
TITLE ASSY. STAND. MANUAL ADJUST		PART NO. 3-001820	
		REV G	

ITEM	QTY	PART NO.	DESCRIPTION	ABB-UM Rev. A
1	1	3-004000	ASSY, COVER, GAP INNER REAR RH	
2	1	3-003999	ASSY, COVER, GAP INNER REAR, LH	
3	1	3-003998	ASSY, COVER, 22" BAGGER, SIDE SMALL RH	
4	1	3-003997	ASSY, COVER, 22" BAGGER, SIDE SMALL, LH	
5	1	3-003996	ASSY, COVER, 22" BAGGER SIDE LARGE, RH	
6	1	3-003995	ASSY, COVER, 22" BAGGER SIDE LARGE, LH	
7	1	3-003994	ASSY, COVER, TCU SIDE, RH	
8	1	3-003993	ASSY, COVER, TCU SIDE, LH	
9	1	3-002689	TRAY, REAR INFEED 22"	
10	1	3-002687	TRAY, INFEED 22"	
11	1	3-002682	ASSY, CENTER TOP COVER 22"	
12	10	1-11161F-014M	SCREW, CAP, SOCKET HEAD, M6X1.0 X 14MM LG, SS	

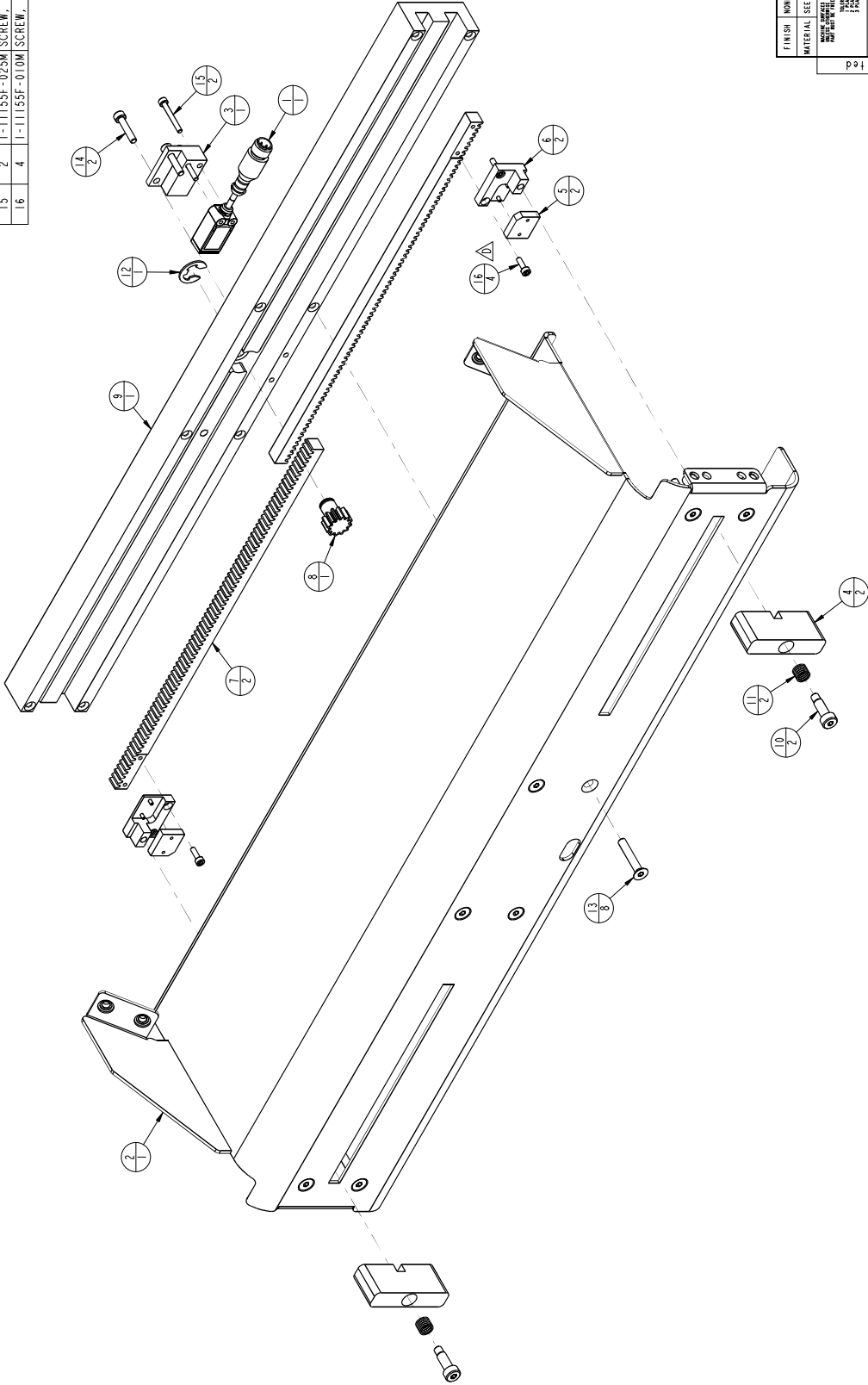


FINISH	NONE										
MATERIAL	SEE BOM										
MACHINE SURFACES TO BE NO GREATER THAN .025 (3.2) ✓ UNLESS OTHERWISE NOTED PART AND SURFACE FINISHES AND SHARP EDGES <table border="1"> <thead> <tr> <th>TOLERANCE</th> <th>FINISH</th> </tr> </thead> <tbody> <tr> <td>1 PLACE DIMS</td> <td>$\pm .01$</td> </tr> <tr> <td>2 PLACE DIMS</td> <td>$\pm .02$</td> </tr> <tr> <td>3 PLACE DIMS</td> <td>$\pm .05$</td> </tr> <tr> <td>ANGULAR</td> <td>$\pm 1/2^\circ$</td> </tr> </tbody> </table>		TOLERANCE	FINISH	1 PLACE DIMS	$\pm .01$	2 PLACE DIMS	$\pm .02$	3 PLACE DIMS	$\pm .05$	ANGULAR	$\pm 1/2^\circ$
TOLERANCE	FINISH										
1 PLACE DIMS	$\pm .01$										
2 PLACE DIMS	$\pm .02$										
3 PLACE DIMS	$\pm .05$										
ANGULAR	$\pm 1/2^\circ$										
NOTE: THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION UNLESS OTHERWISE NOTED. IT IS TO BE KEPT UNCLASSIFIED UNLESS IN WRITING BY THE AUTHORITY OF THE PROCEEDING COUNTY OF AUTOMATED FILING SYSTEM INC.											
INCH [MM]	THIRD ANGLE PROJECTION										

[illegible]

	Automated PACKAGING SYSTEMS		10175 PHILLIP PARKWAY • STREETSBORO, OH 44221	
	SCALE	DRAWN BY	DIM REFERENCE NUMBER	
7/132	NAME: G. DODD	-- --		
	DATE: 04-16-15	DRAWING NO.		
MACHINE ERS 22"	SHEET 1 OF 1		REV	
	3-002686		B	

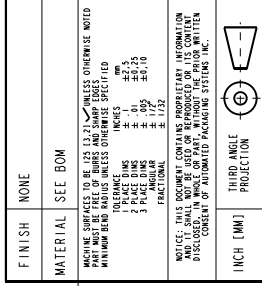
ITEM	QTY	PART NO.	DESCRIPTION
1	1	2-00187A1	SENSOR, PROX REFLECTIVE
2	1	3-002370	SHELF, LOAD REAR TCU
3	1	3-002013	BLOCK, MOUNTING BAG-OUT SENSOR
4	2	3-002012	GUIDE, WEB SLIDING TCU
5	2	3-002011	PAD, WEAR WEB GUIDE TCU
6	2	3-002010	CARRIAGE, WEB GUIDE TCU
7	2	3-002009	RACK, GEAR WEB GUIDE TCU
8	1	3-002008	GEAR, PINION, WEB GUIDE TCU
9	1	3-002006	HOUSING, WEB GUIDE
10	2	2-002153-001	SCREW, SHOULDER, PREC, SOCKET, 6MM DIA X 14MM LG, SS
11	2	2-001389	SPRING, COMPRESSION .354 OD X .037 ID X .669 LG
12	1	1-61512F	RING, RETAINING, E-CLIP, 9MM DIA. NOM. DIN 6799, SS
13	8	1-11659F-030M	SCREW, FLAT HEAD, SOCKET, M5X0.8 X 30MM LG, SS
14	2	1-11157F-020M	SCREW, CAP, SOCKET HEAD, M4X0.7 X 20MM LG, SS
15	2	1-11155F-025M	SCREW, CAP, SOCKET HEAD, M3X0.5 X 25MM LG, SS
16	4	1-11155F-010M	SCREW, CAP, SOCKET HEAD, M3X0.5 X 10MM LG, SS



FINISH	NOTE	DESCRIPTION
MATERIAL	SEE B/M	
NOTES: PARTS ARE TO BE ASSEMBLED IN THE ORDER SHOWN IN THE EXPLODED VIEW. PARTS ARE TO BE ASSEMBLED IN THE ORDER SHOWN IN THE EXPLODED VIEW. PARTS ARE TO BE ASSEMBLED IN THE ORDER SHOWN IN THE EXPLODED VIEW.		
INCH (MM)		

DATE	BY	DATE	BY	DATE	BY
9/11/15	239	2/27/15	950	9/27/14	104
DATE	BY	DATE	BY	DATE	BY
9/11/15	239	2/27/15	950	9/27/14	104
DATE	BY	DATE	BY	DATE	BY
9/11/15	239	2/27/15	950	9/27/14	104

Automated PACKAGING SYSTEMS	3-002020	3-002005
1075 PHILIPP FARMAT • 381133000, 0M 4421	ASSY WEB GUIDE	3-002005
SCALE	3/4	3-002020
DATE	3/4	3-002020
DATE	3/4	3-002020
DATE	3/4	3-002020

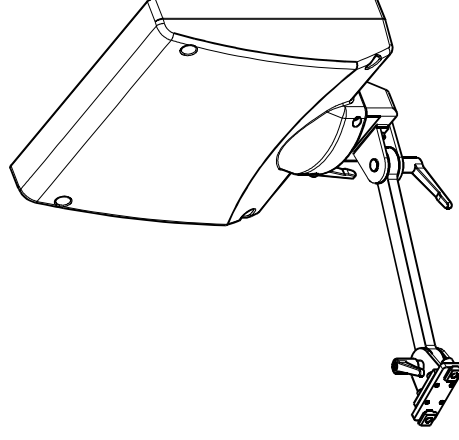
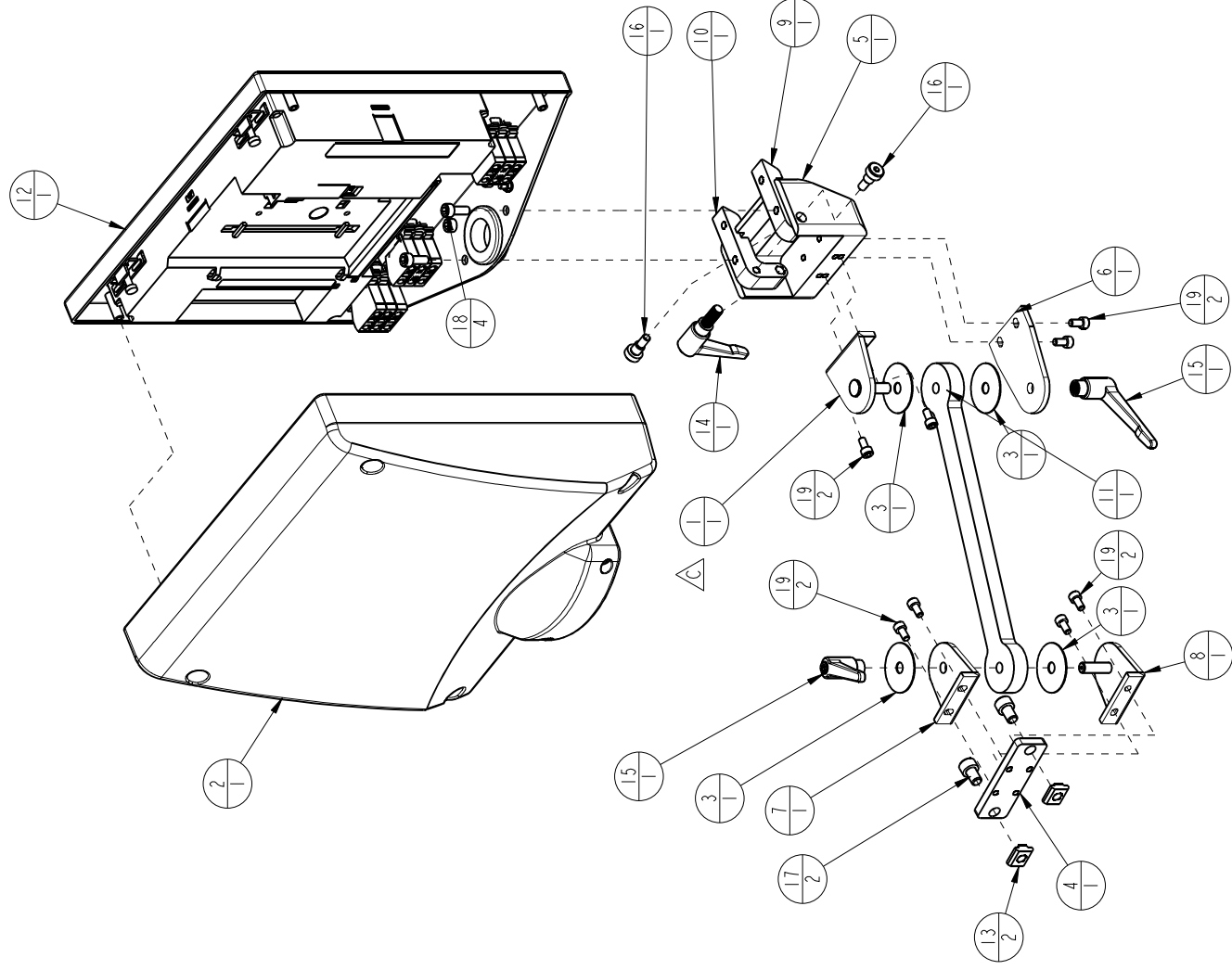


REV	BY	DATE	ECN	DESCRIPTION
A	JAS	3-31-15	9508	NEW DRAWING

Automated
PACKAGING SYSTEMS

DRAWING SIZE	SCALE	DRAWN BY	SOW REFERENCE NUMBER
C	5/8	NAME: MOS	
		DATE: 3-18-15	
TITLE		DRAWING NO.	REV
ASSY, FRL, F22V		3-002513	A
		SHEET 1 OF 1	

ITEM	QTY	PART NO.	DESCRIPTION	ABA-UM Rev. A
1	1	3--005740	BRACKET, HMI MOUNT AB800 W/ STUD	
2	1	3--004009	ASSY, COVER, HMI, BACK, F22V	
3	4	3--003113	GASKET, HMI SUPPORT LOCKING	
4	1	3--003112	PLATE, HMI MOUNT	
5	1	3--003110	BLOCK, HMI MOUNT MAIN	
6	1	3--003108	BRACKET, HMI MOUNT STRAIGHT	
7	1	3--003107	BRACKET, HMI MOUNT	
8	1	3--003106	BRACKET, HMI MOUNT W/ STUD	
9	1	3--002941	BLOCK, HMI MOUNT SHORT	
10	1	3--002924	BLOCK, HMI PIVOT	
11	1	3--002923	BAR, HMI SUPPORT ARM	
12	1	3--002072	ASSY, HMI ENCLOSURE	
13	2	2--002170-M8	T-NUT, 3030 SERIES, M8x1.25	
14	1	2--002169	HANDLE, NYLON, ADJUSTABLE, M8 x 1.25, 20mm STUD	
15	2	2--002168	HANDLE, NYLON, ADJUSTABLE, M8 x 1.25, FEMALE	
16	2	1-15108F-008M	SCREW, SHOULDER, 8MM DIA X 8MM LG, SS, ISO 7379	
17	2	1-11163F-012M	SCREW, CAP, SOCKET HEAD, M8X1.25 X 12MM LG, SS	
18	4	1-11161F-016M	SCREW, CAP, SOCKET HEAD, M6X1.0 X 16MM LG, SS	
19	8	1-11159F-010M	SCREW, CAP, SOCKET HEAD, M5X0.8 X 10MM LG, SS	



REV	DATE	ECN	DESCRIPTION
A	7-6-15	42	NEW DRAWING
B	1-18-16	404	REPLACED 3-003106 WITH 3-005140 REF. USED 3-003603 WITH 3-004009; CHANGED QTY. 111,439F. 010M 181 WAS 1121
C	8-13-17	1188	

[illegible]

**Automated
PACKAGING SYSTEMS**

10175 PHILLIPS PARKWAY - STREETSBOBO ON 1124

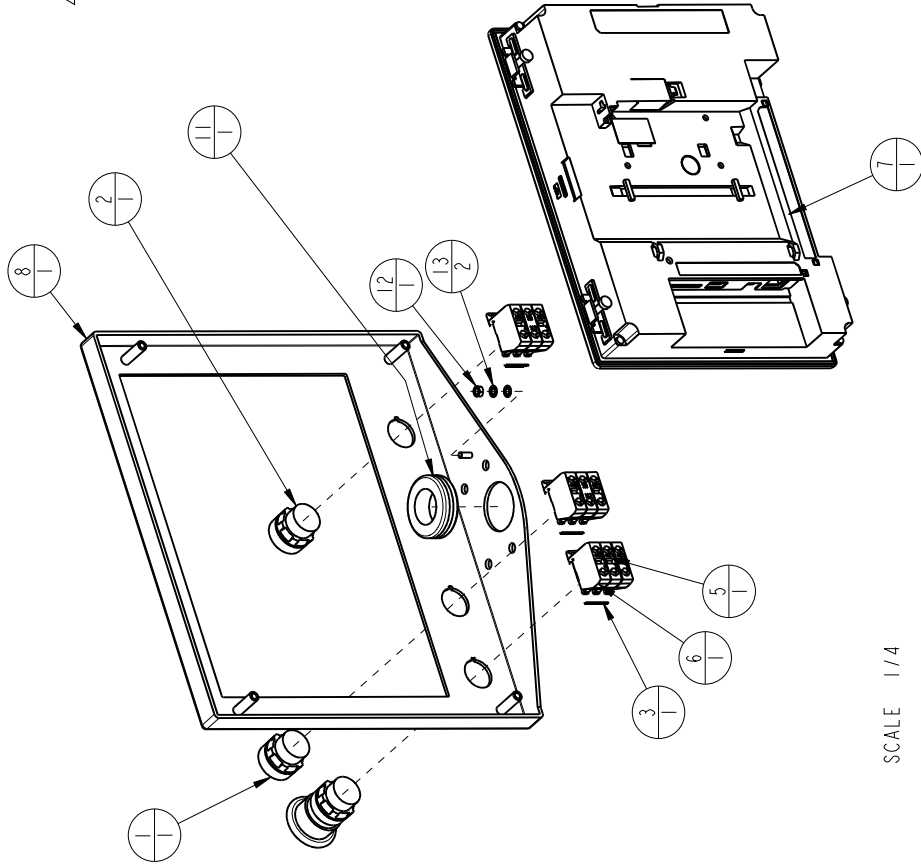
SCALE	DRAWN BY	BOM REFERENCE NUMBER
-------	----------	----------------------

3/8	DATE: 7-6-15
-----	--------------

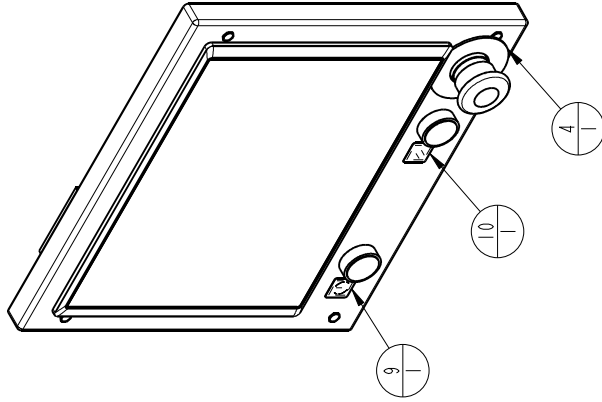
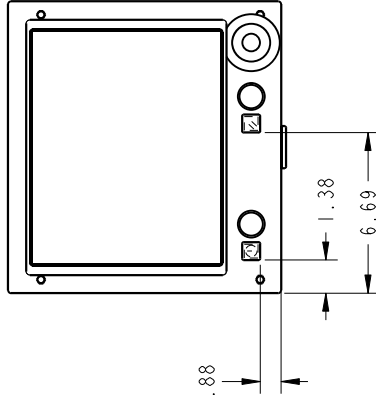
ASSEMBLY, 1997

11	3
----	---

ITEM	QTY	PART NO.	DESCRIPTION
1	1	29910A3	SWITCH, PUSHBUTTON, MOMENTARY, ILLUMINATED BURG AL NO
2	1	29910A1	SWITCH, PUSHBUTTON, MOMENTARY, ILLUMINATED WHITE I NO
3	1	29907A1	SWITCH, PUSHBUTTON, RED 22mm, EMERGENCY STOP INC
4	1	200349A1	DECAL, EMERGENCY STOP BLANK
5	1	200189A1	SWITCH, CONTACT BLOCK, NC
6	1	200188A1	SWITCH, CONTACT BLOCK, NO
7	1	4-001002-XX-XX	ASSY, PROGRAMMED HMI
8	1	3-002073	ENCLOSURE, HMI
9	1	2-002449	DECAL, "ON / OFF" ICON IEC5010A 3/4" X 3/4"
10	1	2-002448	DECAL, "RESET" ICON ISO7000-1027 3/4" X 3/4"
11	1	2-001872	GROMMET, 1" ID X 1-3/4" OD X 3/32" THICK
12	1	1-31157F	NUT, HEX, M4X0.7, SS
13	2	1-23157F	WASHER, LOCK, INTERNAL TOOTH, M4, SS



SCALE 1/4



D	GHM	10-2-17	818N	4-001002-XX-XX WAS 4-001002
C	LDC	03-03-16	479	REMOVED 3-002508 & 3-002507 ADDED 2-002448 & 2-002449
B	LDC	2-27-15	9508	WAS APS-00736
A	JAS	5-19-14		NEW DRAWING
REV	BY	DATE	ECN	DESCRIPTION

FINISH	NONE
MATERIAL	SEE BOM
MACHINE SURFACES TO BE NO GREATER THAN 125 13.21 ✓ UNLESS OTHERWISE SPECIFIED PART MUST BE FREE OF BURRS AND SHARP EDGES	
TOLERANCE	
FINISH	mm
2 PLACE DIMS	± .25
3 PLACE DIMS	± .10
4 PLACE DIMS	± .05
5 PLACE DIMS	± .02
ANGULAR	± .1°
NOTES: THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH SHALL NOT BE USED OR REPRODUCED OR ITS CONTENT DISCLOSED IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF AUTOMATED PACKAGING SYSTEMS, INC.	
INCH [MM]	THIRD ANGLE PROJECTION



10175 PHILLIP PARKWAY - STREETSBORO, OH 44241

DRAWING NO. 3-002072

REV 1

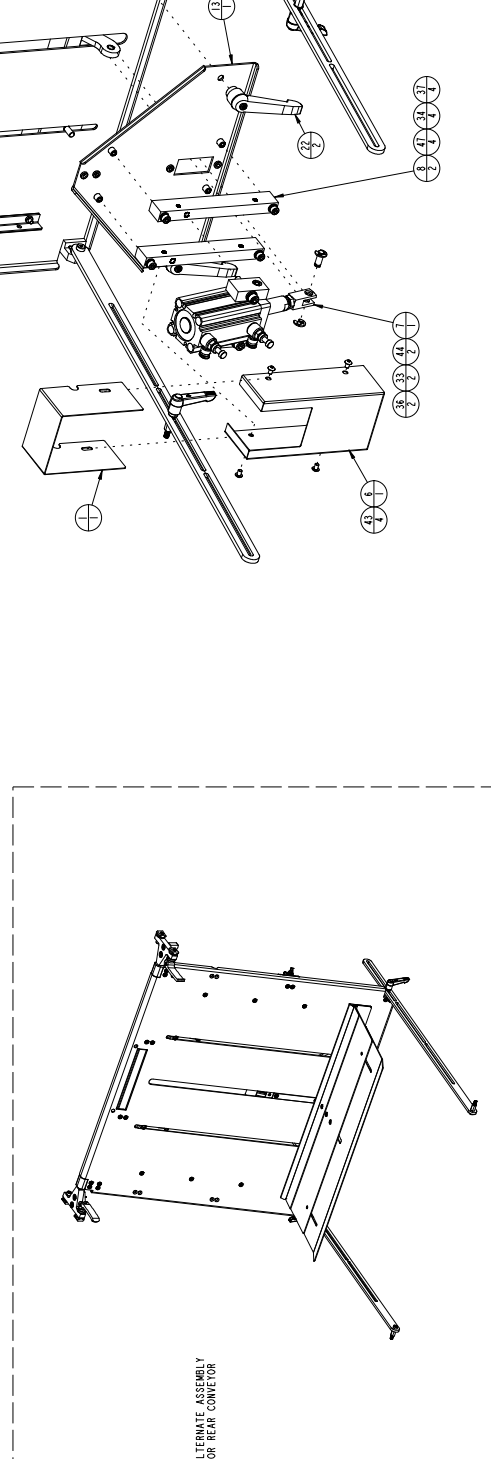
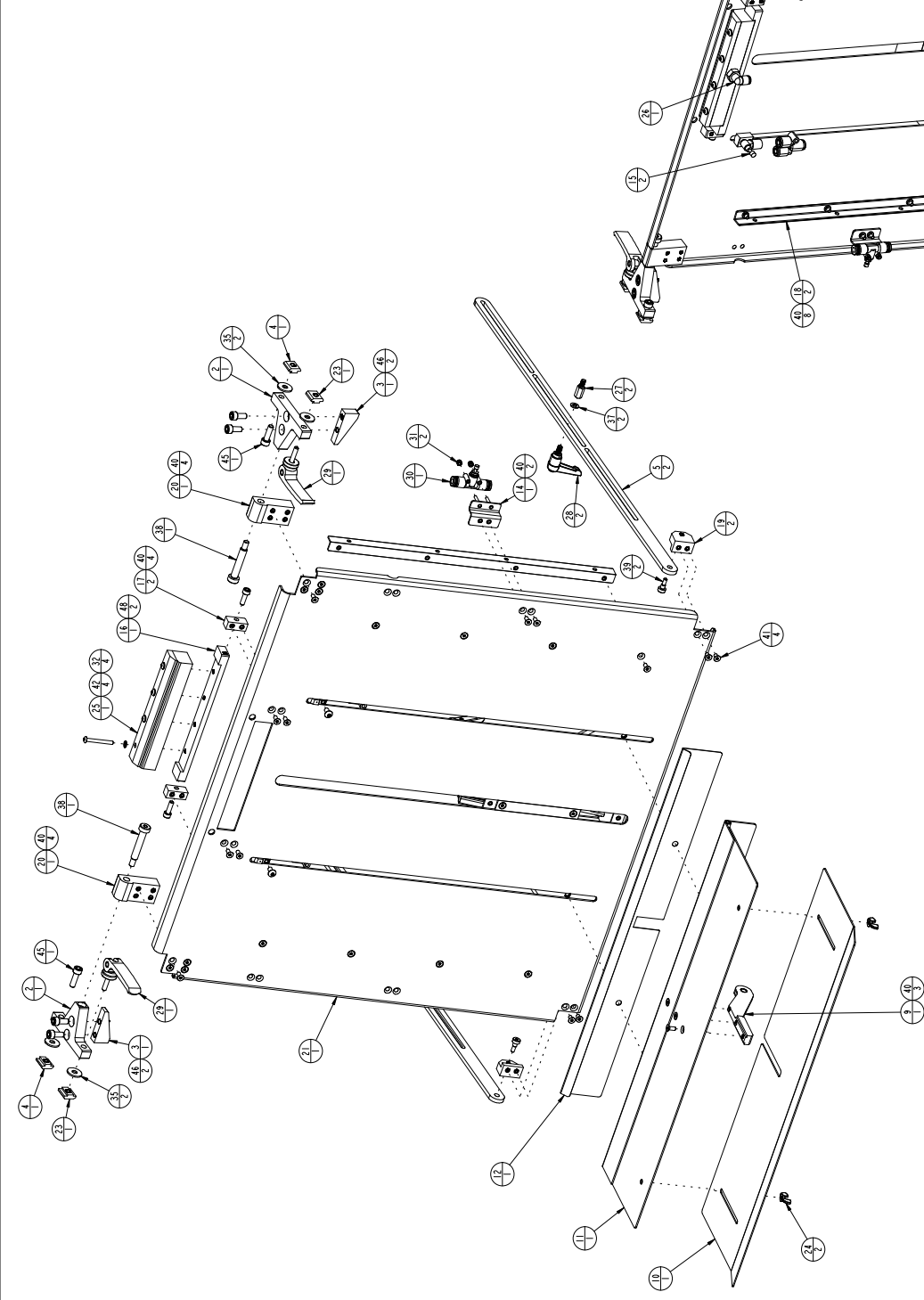
ENCLOSURE

3-002072

D

Fabricated & Documented
to be RoHS Compliant

ITEM	QTY	PART NO.	DESCRIPTION
1	1	3-004423	GUARD, CYLINDER TOP
2	2	3-003318	BRACKET, MOUNT, VLS
3	2	3-003317	BRACKET, SUPPORT, VLS
4	2	3-003316	T-NUT, 3030 SERIES, M6X1.0, NON-CLAMPING
5	2	3-002742	LINK, LOWER PIVOT, F22V LOAD SHELF
6	1	3-002421	GUARD, CIL PLATE
7	1	3-002420	GUARD, CYLINDER LOAD SHELF, F22
8	2	3-002419	LOCK, CYLINDER MOUNT
9	1	3-002418	BLOCK, SHELF PIVOT
10	1	3-002417	EXTENSION, FAB LOAD SHELF
11	1	3-002416	ASST. DROP SHELF, FAB LOAD SHELF
12	1	3-002414	HINGE DEFLECTOR, FAB LOAD SHELF
13	1	3-002413	PLATE, CYLINDER, FAB LOAD SHELF
14	1	3-002401	BRACKET, NEEDLE, VLS, F22V
15	2	3-002391	NOZZLE, FAB LOAD SHELF
16	1	3-002389	BRACKET, AIR KNIFE, LOAD SHELF, F22V
17	2	3-002387	PIVOT, AIR KNIFE, LOAD SHELF, F22V
18	2	3-002385	RIB, F22V LOAD SHELF
19	2	3-002361	BLOCK, PIVOT LOCK, FAB LOAD SHELF
20	2	3-001907	SHAFT BLOCK, VERTICAL PLATE, FAB LOAD SHELF
21	1	3-001906	PLATE, VERTICAL, FAB LOAD SHELF
22	2	3-002389	HANDLE, ADJ YELLOW PLASTIC 65mm LG X M6 INT STEEL THD
23	2	3-001906	HANDLE, ADJ YELLOW PLASTIC 65mm LG X M6 INT STEEL THD
24	2	2-001933	WASHER, FLAT, M6X0.8 X 16MM LG, SS
25	1	2-001896	KNIFE, AIR, 6"
26	1	2-001893	FITTING, ELBOW, 6MM TUBE 1/4" UNIFIT
27	2	2-001890	STANDOFF, W/F, M5X0.8 X 8mm HEX X 14mm L, SS
28	2	2-001889	HANDLE, M5X0.8 STUD, L10mm, YELLOW
29	2	2-001395	CAM CLAMP LEVER, M6 STUD
30	1	2-001018	VALVE, NEEDLE, 6MM IN LINE
31	2	1-33155F	NUT, HEX, NYLON LOCK, M3X0.5, SS
32	4	1-23151F	WASHER, LOCK, INTERNAL TOOTH, M4, SS
33	2	1-22161F	WASHER, SPLIT LOCK, M6, SS
34	4	1-22159F	WASHER, FLAT, FENDER, M6, SS
35	4	1-21261F	WASHER, FLAT, M6, SS
36	2	1-21161F	WASHER, FLAT, M6, SS
37	6	1-21159F	WASHER, FLAT, M6, SS
38	2	1-13109F-020M	SCREW, SHOULDER, 6MM DIA X 16MM LG, SS, ISO 1319
39	2	1-13109F-020M	SCREW, SHOULDER, 6MM DIA X 16MM LG, SS, ISO 1319
40	2	1-13109F-020M	SCREW, SHOULDER, 6MM DIA X 16MM LG, SS, ISO 1319
41	4	1-18551F-035M	SCREW, FLAT HEAD, SOCKET, M4X0.7 X 8MM LG, SS
42	4	1-18551F-035M	SCREW, FLAT HEAD, SOCKET, M4X0.7 X 8MM LG, SS
43	4	1-1451F-035M	SCREW, BUTTON HEAD, SOCKET, M4X0.7 X 35MM LG, SS
44	2	1-1161F-035M	SCREW, CAP, SOCKET HEAD, M8X1.0 X 35MM LG, SS
45	2	1-1161F-020M	SCREW, CAP, SOCKET HEAD, M8X1.0 X 20MM LG, SS
46	4	1-1161F-014M	SCREW, CAP, SOCKET HEAD, M8X1.0 X 14MM LG, SS
47	4	1-1159F-022M	SCREW, CAP, SOCKET HEAD, M5X0.8 X 22MM LG, SS
48	2	1-1159F-010M	SCREW, CAP, SOCKET HEAD, M5X0.8 X 16MM LG, SS



3-004969-20
20° LOAD SHELF

FURNISH NAME		REV		DATE	BY	CHK	REMARKS
MATERIAL SPEC DIM		REV		DATE	BY	CHK	REMARKS
MATERIAL SPEC DIM		REV		DATE	BY	CHK	REMARKS

Automated
PACKAGING SYSTEM

3-004969-20

ASSY, VERTICAL, SUPPORT SHELF #10

DATE: 01/12/2020

TIME: 10:00 AM

BY: J. J. J.

CHK: J. J. J.

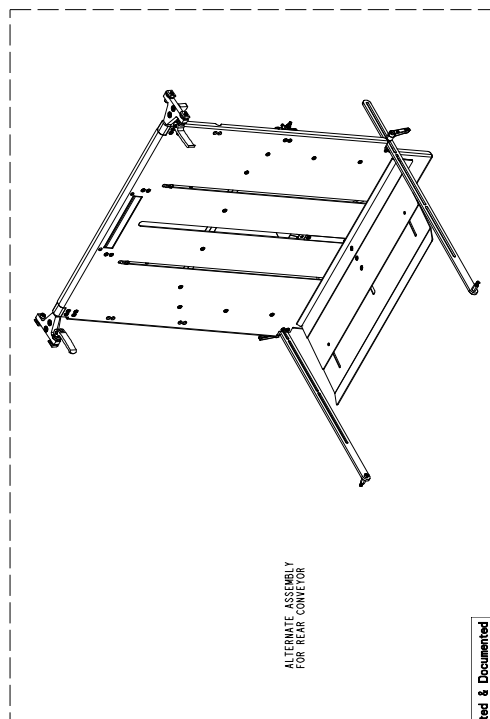
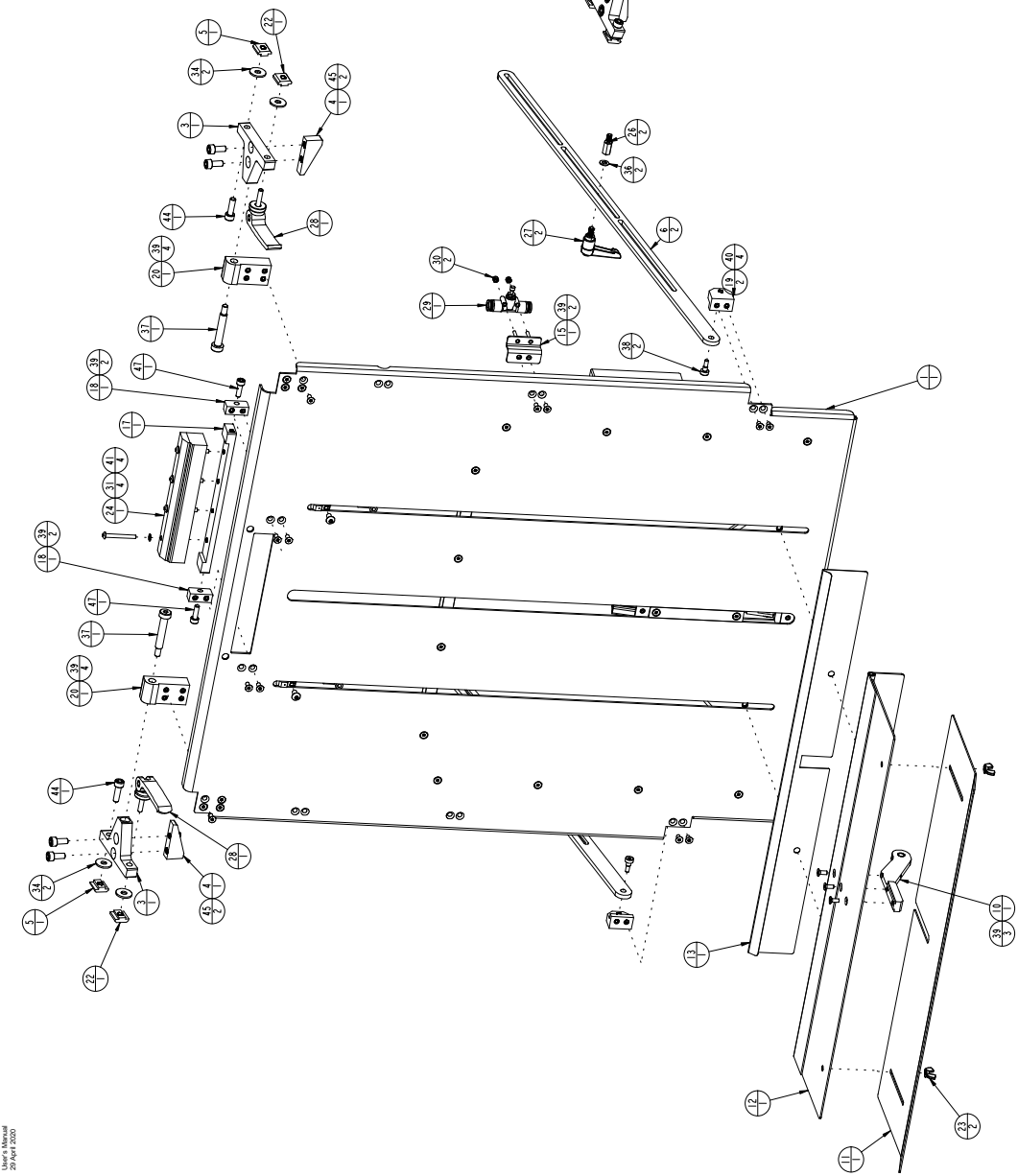
REV: 1

3-004969-20

ASSY, VERTICAL, SUPPORT SHELF #10

Fabricated & Documented to be RoHS Compliant

ITEM	QTY	PART NO.	DESCRIPTION
1	1	3-004950	ASSY. PLATE, 25"
2	1	3-004429	GUARD, CYLINDER TOP
3	2	3-003318	BRACKET, MOUNT, VLS
4	2	3-003317	BRACKET, SUPPORT, VLS
5	2	3-003316	1-NUT, 3030 SERIES, M8X1.0, NON-CLAMPING
6	2	3-002742	LINK, LOWER PIVOT, F22V LOAD SHELF
7	1	3-002743	LINK, UPPER PIVOT, F22V LOAD SHELF
8	1	3-002420	ASSY. CYLINDER, LOAD SHELF, F22
9	2	3-002419	BLOCK, CYL. PLATE MOUNT
10	1	3-002418	BLOCK, SHELF PIVOT
11	1	3-002417	EXTENSION, FAB LOAD SHELF
12	1	3-002416	ASSY. DROP SHELF, FAB LOAD SHELF
13	1	3-002414	HINGE DEFLECTOR, FAB LOAD SHELF
14	1	3-002413	PLATE, CYLINDER, FAB LOAD SHELF
15	1	3-002401	BRACKET, NEEDLE, VLS, F22V
16	2	3-002391	NOZZLE, FAB LOAD SHELF
17	1	3-002389	BRACKET, AIR KNIFE, LOAD SHELF, F22V
18	2	3-002387	PIVOT, AIR KNIFE, LOAD SHELF, F22V
19	2	3-002361	PIVOT, PIVOT LOCK, FAB LOAD SHELF
20	2	3-001907	SHIRT BLOCK, VERTICAL PLATE, FAB LOAD SHELF
21	2	2-002589	HANDLE, ADJ YELLOW PLASTIC 65mm LG X M6 INT STEEL THD
22	2	2-002700-M6	1-NUT, 3030 SERIES, M6X1.0
23	2	2-001852	WASHER, FLAT, M6, SS
24	2	2-001852	WASHER, FLAT, M6, SS
25	1	2-001853	FITTING, ELBOW, 6MM TUBE 1/4 UNIFIT
26	2	2-001850	STANDOFF, M4-F, M5X0.8 X 8mm HEX X 14mm L, SS
27	2	2-001889	HANDLE, M5X0.8 STUD, L1.0mm, YELLOW
28	1	2-001395	CAM CLAMP LEVER, M6 STUD
29	1	2-001018	VALVE, NEEDLE, 6MM IN LINE
30	2	1-33155F	NUT, HEX, NYLON LOCK, M3X0.5, SS
31	4	1-23157F	WASHER, LOCK, INTERNAL TOOTH, M4, SS
32	2	1-22161F	WASHER, SPLIT LOCK, M6, SS
33	4	1-22159F	WASHER, SPLIT LOCK, M5, SS
34	4	1-21261F	WASHER, FLAT, FENDER, M6, SS
35	2	1-21161F	WASHER, FLAT, M6, SS
36	6	1-21159F	WASHER, FLAT, M5, SS
37	2	1-15108F-040M	SCREW, SHOULDER, 8MM DIA X 40MM LG, SS, ISO 1319
38	2	1-15108F-002M	SCREW, SHOULDER, 8MM DIA X 2MM LG, SS, ISO 1319
39	2	1-15108F-002M	SCREW, SHOULDER, 8MM DIA X 2MM LG, SS, ISO 1319
40	4	1-15157F-002M	SCREW, FLAT HEAD, SOCKET, M4X0.7 X 6MM LG, SS
41	4	1-15157F-035M	SCREW, FLAT HEAD, SOCKET, M4X0.7 X 35MM LG, SS
42	4	1-14517F-002M	SCREW, BUTTON HEAD, SOCKET, M4X0.7 X 6MM LG, SS
43	2	1-11616F-035M	SCREW, CAP, SOCKET HEAD, M8X1.0 X 35MM LG, SS
44	2	1-11616F-020M	SCREW, CAP, SOCKET HEAD, M8X1.0 X 20MM LG, SS
45	4	1-11616F-014M	SCREW, CAP, SOCKET HEAD, M8X1.0 X 14MM LG, SS
46	4	1-11159F-022M	SCREW, CAP, SOCKET HEAD, M5X0.8 X 22MM LG, SS
47	2	1-11159F-016M	SCREW, CAP, SOCKET HEAD, M5X0.8 X 16MM LG, SS



3-004969-25
25" LOAD SHELF

ALTERNATE ASSEMBLY
FOR REAR CONNECTOR

ITEM

QTY

PART NO.

DESCRIPTION

1	1	3-004950	ASSY. PLATE, 25"
2	1	3-004429	GUARD, CYLINDER TOP
3	2	3-003318	BRACKET, MOUNT, VLS
4	2	3-003317	BRACKET, SUPPORT, VLS
5	2	3-003316	1-NUT, 3030 SERIES, M8X1.0, NON-CLAMPING
6	2	3-002742	LINK, LOWER PIVOT, F22V LOAD SHELF
7	1	3-002743	LINK, UPPER PIVOT, F22V LOAD SHELF
8	1	3-002420	ASSY. CYLINDER, LOAD SHELF, F22
9	2	3-002419	BLOCK, CYL. PLATE MOUNT
10	1	3-002418	BLOCK, SHELF PIVOT
11	1	3-002417	EXTENSION, FAB LOAD SHELF
12	1	3-002416	ASSY. DROP SHELF, FAB LOAD SHELF
13	1	3-002414	HINGE DEFLECTOR, FAB LOAD SHELF
14	1	3-002413	PLATE, CYLINDER, FAB LOAD SHELF
15	1	3-002401	BRACKET, NEEDLE, VLS, F22V
16	2	3-002391	NOZZLE, FAB LOAD SHELF
17	1	3-002389	BRACKET, AIR KNIFE, LOAD SHELF, F22V
18	2	3-002387	PIVOT, AIR KNIFE, LOAD SHELF, F22V
19	2	3-002361	PIVOT, PIVOT LOCK, FAB LOAD SHELF
20	2	3-001907	SHIRT BLOCK, VERTICAL PLATE, FAB LOAD SHELF
21	2	2-002589	HANDLE, ADJ YELLOW PLASTIC 65mm LG X M6 INT STEEL THD
22	2	2-002700-M6	1-NUT, 3030 SERIES, M6X1.0
23	2	2-001852	WASHER, FLAT, M6, SS
24	2	2-001852	WASHER, FLAT, M6, SS
25	1	2-001853	FITTING, ELBOW, 6MM TUBE 1/4 UNIFIT
26	2	2-001850	STANDOFF, M4-F, M5X0.8 X 8mm HEX X 14mm L, SS
27	2	2-001889	HANDLE, M5X0.8 STUD, L1.0mm, YELLOW
28	1	2-001395	CAM CLAMP LEVER, M6 STUD
29	1	2-001018	VALVE, NEEDLE, 6MM IN LINE
30	2	1-33155F	NUT, HEX, NYLON LOCK, M3X0.5, SS
31	4	1-23157F	WASHER, LOCK, INTERNAL TOOTH, M4, SS
32	2	1-22161F	WASHER, SPLIT LOCK, M6, SS
33	4	1-22159F	WASHER, SPLIT LOCK, M5, SS
34	4	1-21261F	WASHER, FLAT, FENDER, M6, SS
35	2	1-21161F	WASHER, FLAT, M6, SS
36	6	1-21159F	WASHER, FLAT, M5, SS
37	2	1-15108F-040M	SCREW, SHOULDER, 8MM DIA X 40MM LG, SS, ISO 1319
38	2	1-15108F-002M	SCREW, SHOULDER, 8MM DIA X 2MM LG, SS, ISO 1319
39	2	1-15108F-002M	SCREW, SHOULDER, 8MM DIA X 2MM LG, SS, ISO 1319
40	4	1-15157F-002M	SCREW, FLAT HEAD, SOCKET, M4X0.7 X 6MM LG, SS
41	4	1-15157F-035M	SCREW, FLAT HEAD, SOCKET, M4X0.7 X 35MM LG, SS
42	4	1-14517F-002M	SCREW, BUTTON HEAD, SOCKET, M4X0.7 X 6MM LG, SS
43	2	1-11616F-035M	SCREW, CAP, SOCKET HEAD, M8X1.0 X 35MM LG, SS
44	2	1-11616F-020M	SCREW, CAP, SOCKET HEAD, M8X1.0 X 20MM LG, SS
45	4	1-11616F-014M	SCREW, CAP, SOCKET HEAD, M8X1.0 X 14MM LG, SS
46	4	1-11159F-022M	SCREW, CAP, SOCKET HEAD, M5X0.8 X 22MM LG, SS
47	2	1-11159F-016M	SCREW, CAP, SOCKET HEAD, M5X0.8 X 16MM LG, SS

FINISH

DATE

MATERIAL

SEC

EXP

REV

BY

DATE

ISS

REWORK

DESCRIPTION

Automated

PACKAGING SYSTEM

100% QUALITY ASSURANCE - FREE DELIVERY, 24 HOURS

DATE

REV

BY

DATE

ISS

REWORK

DESCRIPTION

3-004969-25

25" LOAD SHELF

3-004969

25" LOAD SHELF

3-004969

25" LOAD SHELF