

GFP 865DH-3R 65'' Dual Heat Wide Format Roll Laminator

Service Manual



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SERVICE MANUAL Gfp 800 Series



January 2015

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Drawing Number	PART PREFIX	PART NUMBER	DESCRIPTION	VIEW NUMBER	STOCK ITEM	
1	DH-	1	Left side cover	1	Yes	
2	DH-	2	Left side cabinet	1		
3	DH-	3	Allen wrench bracket	1		
4	DH-	4	Upper cover of swing out shaft	1	Yes	
5	DH-	5	Upper supply mandrel bracket	1	Yes	
6	DH-	6	Right cabinet	1		
7	DH-	7	Right side cover	1	Yes	
8	TH-	81	Hand wheel	1	Yes	
9	TH-	150	Leveling feet	1	Yes	
10	563-	165	Alignment bracket	1-10	Yes	
11	563-	164	Locating screw (8mm)	1-10	Yes	
12	TH-	47	Stand locking screw	1	Yes	
13	TH-	31	Brake pad	1-6-8-11	Yes	
14	TH-	3	Film core adaptor/brake	1-6-8-11	Yes	
15	847-	15	Front unwind shaft	1-11		
15	865-	15	Front unwind shaft	1-11		
16	DH-	16	Front unwind bracket	1-11		
17	563-	167	Lower cover of swing out shaft	1	Yes	
18	847-	18	Left supporting plate	2		
18	865-	18	Left supporting plate	2		
19	847-	19	Pressure regulating linkage shaft	2		
19	865-	19	Pressure regulating linkage shaft	2		
20	DH-	20	Drive motor	2	Yes	
21	847-	21	Support beam	2		
21	865-	21	Support beam	2		
22	TH-	18	Bearing sleeve	2	Yes	
23	847-	23	Idler bar	2	Yes	
23	865-	23	Idler bar	2	Yes	
24	847-	24	Lower heating tube - Packaged	2	Yes	
24	865-	24	Lower heating tube - Packaged	2	Yes	

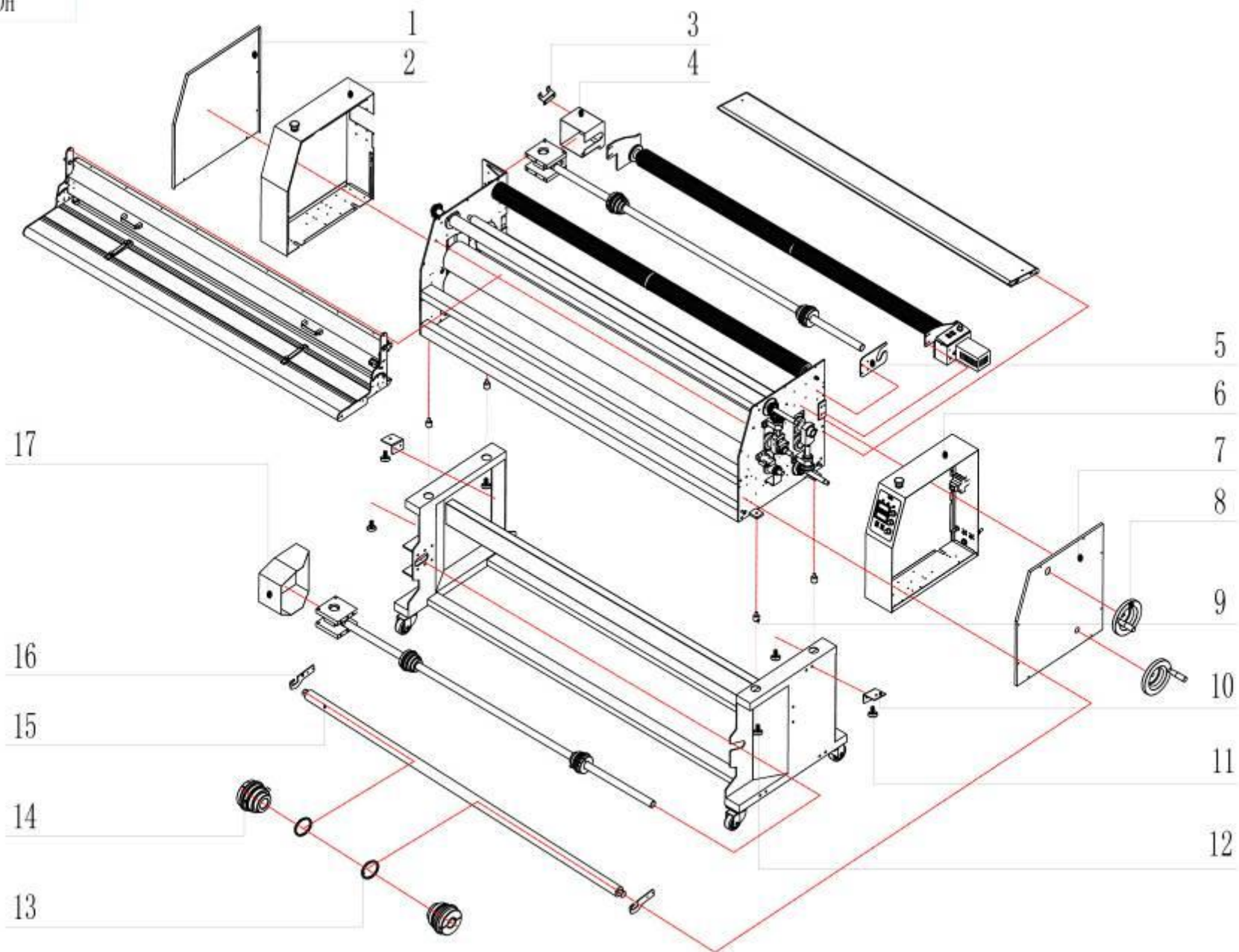
Drawing Number	PART PREFIX	PART NUMBER	DESCRIPTION	VIEW NUMBER	STOCK ITEM	
25	847-	25	Front lower roller	2-3	Yes	
25	865-	25	Front lower roller	2-3	Yes	
26	847-	26	Center plate	2		
26	865-	26	Center plate	2		
27	DH-	27	Center plate support	2		
28	847-	28	Rear lower roller	2	Yes	
28	865-	28	Rear lower roller	2	Yes	
29	DH-	29	Drive sleeve of rewind tube	2		
30	847-	30	Rewind tube	2-9		
30	865-	30	Rewind tube	2-9		
31	TH-	125	Rewind tube friction pads (2)	2	Yes	
32	847-	32	Support beam	2		
32	865-	32	Support beam	2		
33	847-	33	Rear upper roller	2	Yes	
33	865-	33	Rear upper roller	2	Yes	
34	847-	34	Front upper roller	2	Yes	
34	865-	34	Front upper roller	2	Yes	
35	847-	35	Upper heat tube - Packaged	2	Yes	
35	865-	35	Upper heat tube -Packaged	2	Yes	
36	TH-	56	Heat sensor	2	Yes	
37	847-	37	Sensor support beam	2		
37	865-	37	Sensor support beam	2		
38	DH-	38	Sensor bracket	2		
39	847-	39	Lower pressure regulating linkage shaft	2		
39	865-	39	Lower pressure regulating linkage shaft	2		
40	847-	40	Right support plate	2		
40	865-	40	Right support plate	2		
41	TH-	42	Cushion of quartz tube	3	Yes	
42	TH-	46	Heat roller cover plate	3		
43	DH-	43	Support plate connection board	3		

Drawing Number	PART PREFIX	PART NUMBER	DESCRIPTION	VIEW NUMBER	STOCK ITEM	
44	DH-	44	Rear left pressure regulating bearing	3	Yes	
45	DH-	45	068 link chain (102 joints)	3	Yes	
46	DH-	46	068 link chain (114 joints)	3	Yes	
47	DH-	47	Rear roller pressure regulating block	3	Yes	
48	DH-	48	Emergency stop assembly	3	Yes	
49	DH-	49	Wiring terminal	3		
50	DH-	50	Protective switching power supply	3	Yes	
51	DH-	51	Switching power supply	3	Yes	
52	DH-	52	Spanner	3	Yes	
53	DH-	53	Rewind tube sprocket	3	Yes	
54	DH-	54	Relay	3	Yes	
55	DH-	55	Pressure regulating bearing	3	Yes	
56	TH-	43	Support of quartz tube	3	Yes	
57	DH-	57	Clutch	3	Yes	
58	DH-	58	Medium wheel	3	Yes	
59	DH-	59	Motor sprocket	3	Yes	
60	847-	60	Front roller sprocket	3	Yes	
60	865-	60	Front roller sprocket	3	Yes	
61	DH-	61	Lower quartz tube support	3		
62	TH-	7	Rewind tube bearing	3	Yes	
63	DH-	63	Cable support	3	Yes	
64	TH-	16	Angle gear	3	Yes	
65	DH-	65	Rear roller pressure regulating position shaft	3	Yes	
66	DH-	66	Solid state relay	4	Yes	
67	TH-	89	Heat sink	4		
68	TH-	116	Control plate of photocell eye	4	Yes	
69	DH-	69	Temperature control board	4	Yes	
70	DH-	70	Photocell eye	4	Yes	
71	TH-	40	Pressure regulating locating shaft	4	Yes	
72	TH-	41	Pressure regulating bearing seat	4	Yes	

Drawing Number	PART PREFIX	PART NUMBER	DESCRIPTION	VIEW NUMBER	STOCK ITEM	
73	TH-	99	Potentiometer (temperature control)	4		
74	DH-	74	Light emitting diodes	4	Yes	
75	TH-	104	LCD temperature display	4	Yes	
76	TH-	106	Control panel switch	4	Yes	
77	TH-	105	Knob	4	Yes	
78	DH-	78	Potentiometer (speed control)	4	Yes	
79	DH-	79	Fuse support	4		
80	TH-	94	Fuse	4	Yes	
81	DH-	81	240v transformer	4	Yes	
82	DH-	82	Speed regulating board	4	Yes	
83	DH-	83	Wiring terminal	4	Yes	
84	DH-	84	Power switch	4	Yes	
85	DH-	85	Filter	4	Yes	
86	TH-	114	Safety foot pedal	4	Yes	
87	DH-	87	Wire grip	4		
88	TH-	113	Rewind motor connector	4	Yes	
89	DH-	89	Power cord	4	Yes	
90	DH-	90	Wire grip	4	Yes	
91	DH-	91	Protective tube	4		
92	DH-	92	Leakage protector	4		
93	DH-	93	Front cover left positioning pin	5	Yes	
94	TH-	63	Left feed table bracket	5	Yes	
95	TH-	70	Side guide screw	5	Yes	
96	TH-	68	Side guide knob	5	Yes	
97	DH-	97	Front cover retaining screw	5	Yes	
98	TH-	69	Side guide	5	Yes	
99	847-	99	Feed tray	5		
99	865-	99	Feed tray	5		
100	847-	100	Print hold down	5	Yes	
100	865-	100	Print hold down	5	Yes	

Drawing Number	Part PREFIX	Part NUMBER	DESCRIPTION	View NUMBER	STOCK ITEM	
101	DH-	101	Print hold down bolt	5	Yes	
102	DH-	102	Square handle	5	Yes	
103	847-	103	Safety shield beam	5	Yes	
103	865-	103	Safety shield beam	5	Yes	
104	847-	104	Safety shield	5	Yes	
104	865-	104	Safety shield	5	Yes	
105	DH-	105	Shield right positioning pin	5	Yes	
106	DH-	106	Shield spring	5	Yes	
107	DH-	107	Locking pin	5	Yes	
108	TH-	64	Positioning pin of feed table	5	Yes	
109	TH-	62	Feed table washer	5	Yes	
110	TH-	67	Right feed table bracket	5	Yes	
111	DH-	111	Left stand leg	10		
112	TH-	83	Caster without brake	10	Yes	
113	TH-	82	Caster with brake	10	Yes	
114	847-	114	Middle supporting beam	10		
114	865-	114	Middle supporting beam	10		
115	847-	115	Lower supporting beam	10		
115	865-	115	Lower supporting beam	10		
116	DH-	116	Right stand leg	10		
117	563-	168	Supply shaft locating plate	6-8	Yes	
118	563-	171	Upper swing out assembly	6-8	Yes	
119	847-	119	Upper supply mandrel assembly	6	Yes	
119	865-	119	Upper supply mandrel assembly	8	Yes	
120	847-	121	Rewind tube assembly	9	Yes	
120	865-	121	Rewind tube assembly	9	Yes	
121	847-	122	Stand assembly	10	Yes	
121	865-	122	Stand assembly	10	Yes	
122	TH-	21	Right exit table bracket	7		
123	847-	124	Exit table	7		
123	865-	124	Exit table	7		

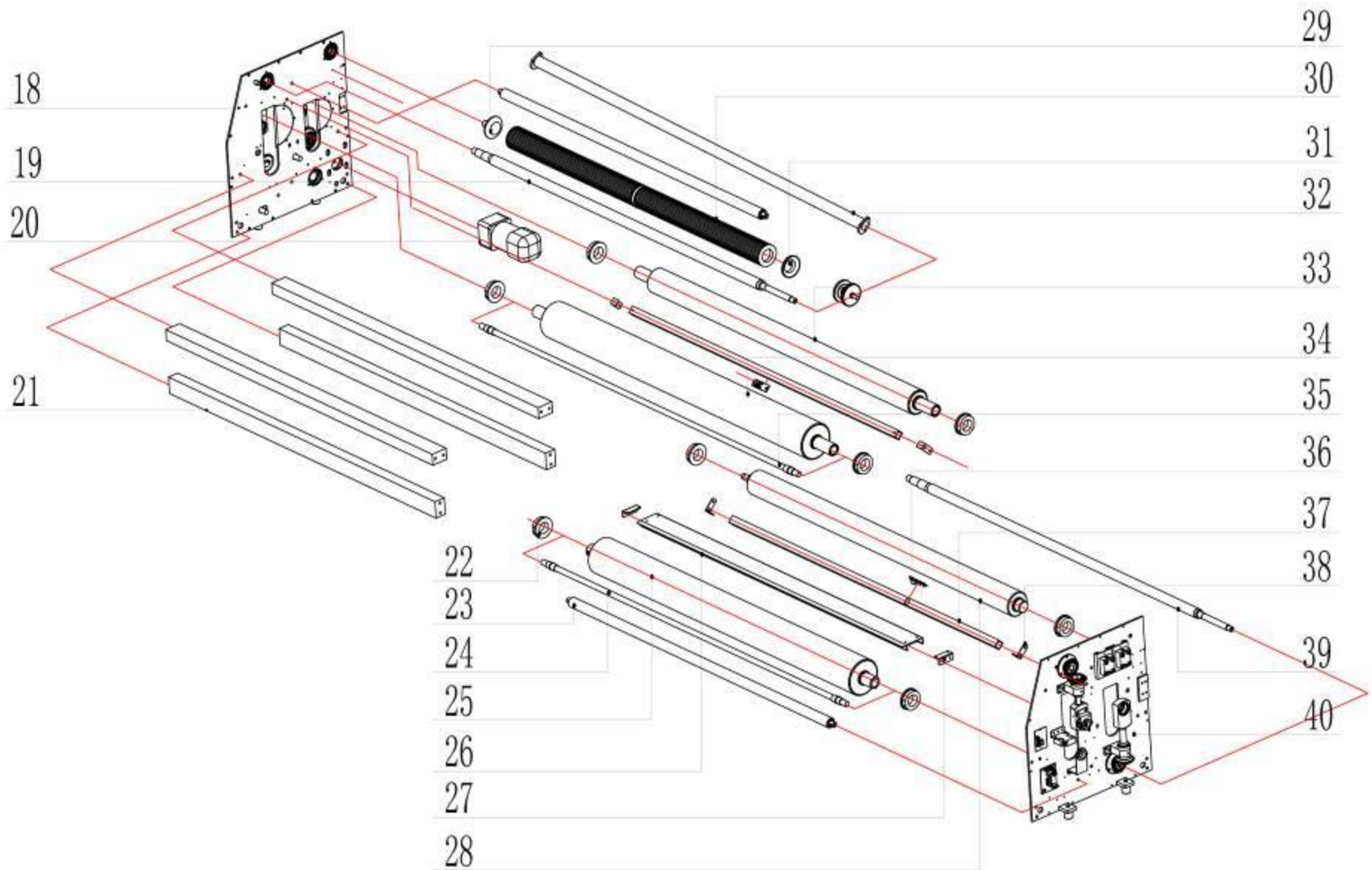
Drawing Number	Part PREFIX	Part NUMBER	DESCRIPTION	View NUMBER	STOCK ITEM	
124	TH-	23	Left exit table bracket	7		
125	DH-	125	Positioning pin of rear panel	7		
126	847-	127	Front feed unwind assembly	11		
126	865-	127	Front feed unwind assembly	11		
127	847-	128	Lower supply mandrel assembly	8	Yes	
127	865-	128	Lower supply mandrel assembly	8	Yes	
128	563-	169	Lower swing out assembly	8	Yes	
129	TH-	142	Right rewind bracket	12		
130	TH-	136	Drive sleeve of rewind tube	12		
131	TH-	141	Left rewind bracket	12		
132	TH-	139	Rewind bearing	12		
133	TH-	107	Rewind motor switch	12	Yes	
134	TH-	149	Potentiometer	12	Yes	
135	TH-	135	Upper cover	12		
136	TH-	148	Wind up wiring board	12		
137	TH-	144	Spacer plate	12		
138	TH-	146	Wind up motor capacitor	12		
139	TH-	143	Left supporting case	12		
140	TH-	137	Coupler of wind up motor	12		
141	DH-	220	220v rewind motor assembly	12	Yes	
142	TH-	138	Wind up motor cover	12		
143	TH-	148	Wind up motor board	12		
144	TH-	8	Drive sleeve of rewind tube	9		
145	TH-	12	Locating sleeve of rewind tube	9		
146	TH-	13	Rewind tube gasket	9		
147	TH-	14	Rewind tube spring	9	Yes	
148	TH-	15	Pressure adjustment nut	9		
149	TH-	11	Locating shaft of rewind tube	9		
150	TH-	10	Core stop clip	9	Yes	



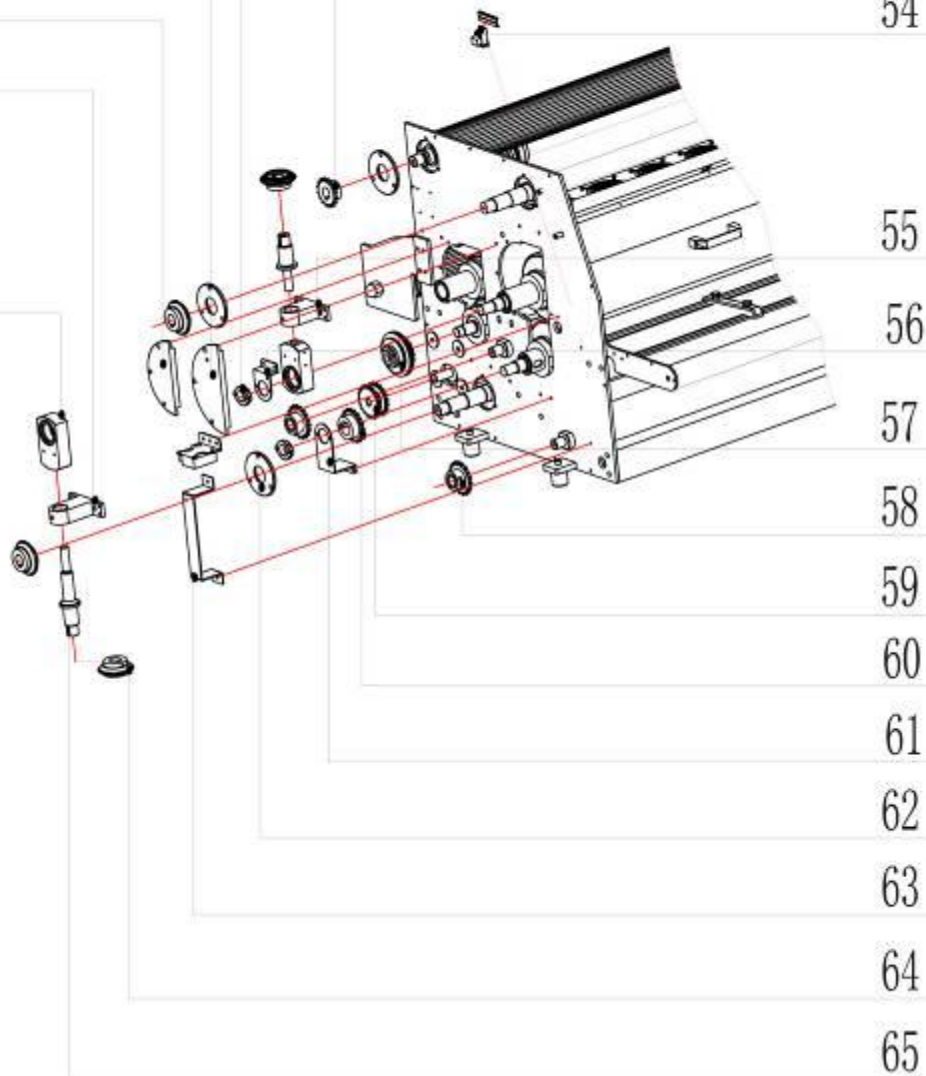
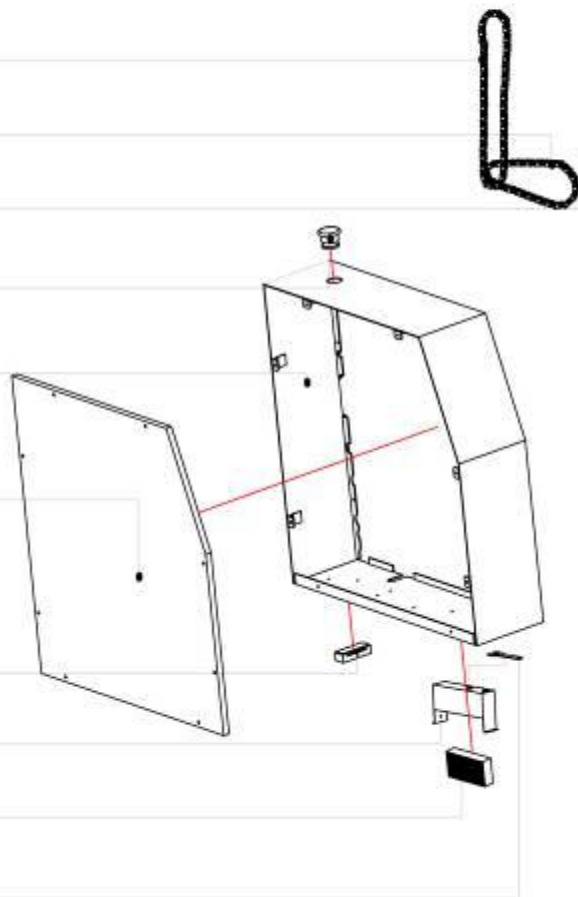
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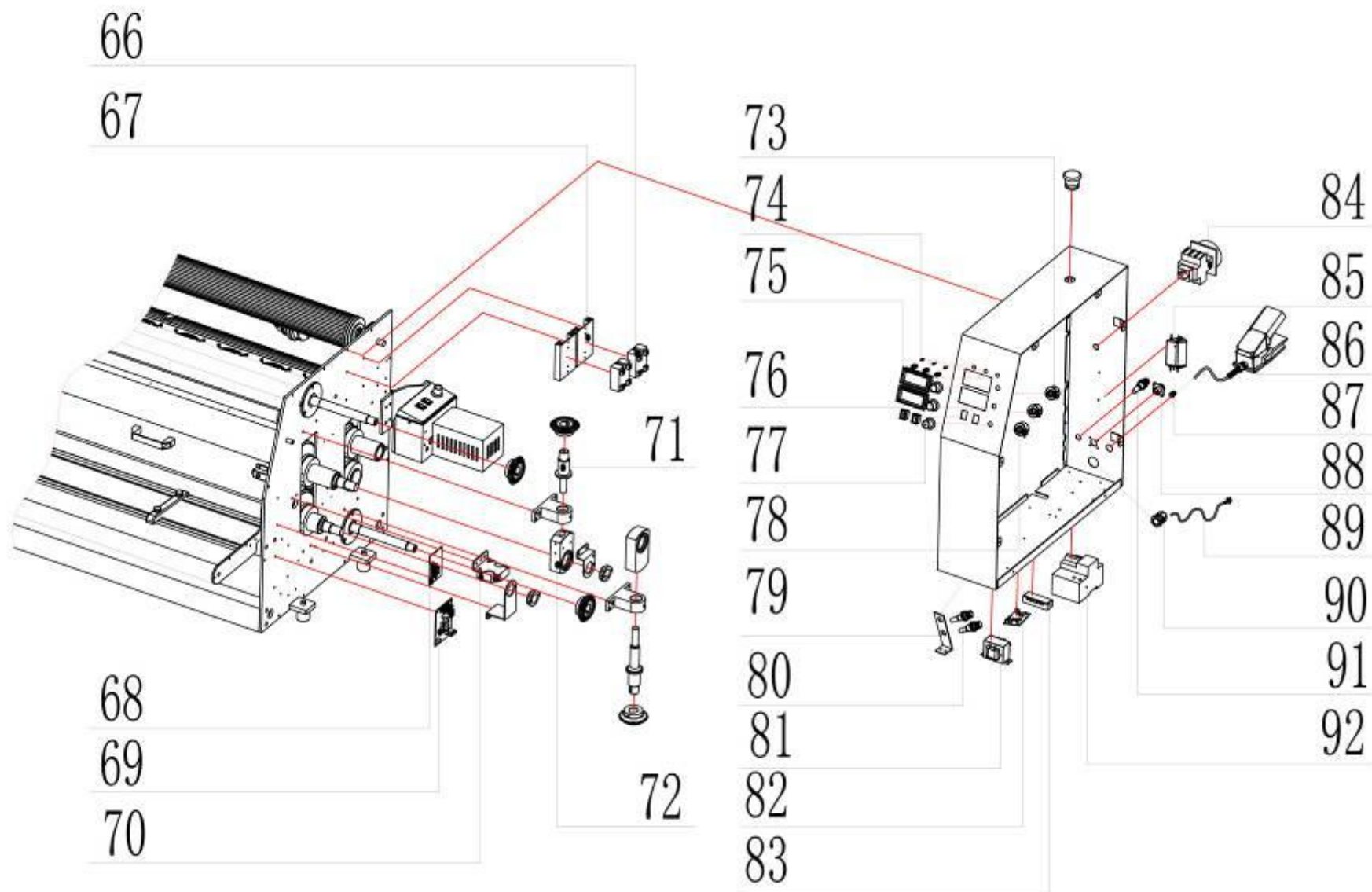
View 1- Frame and Stand



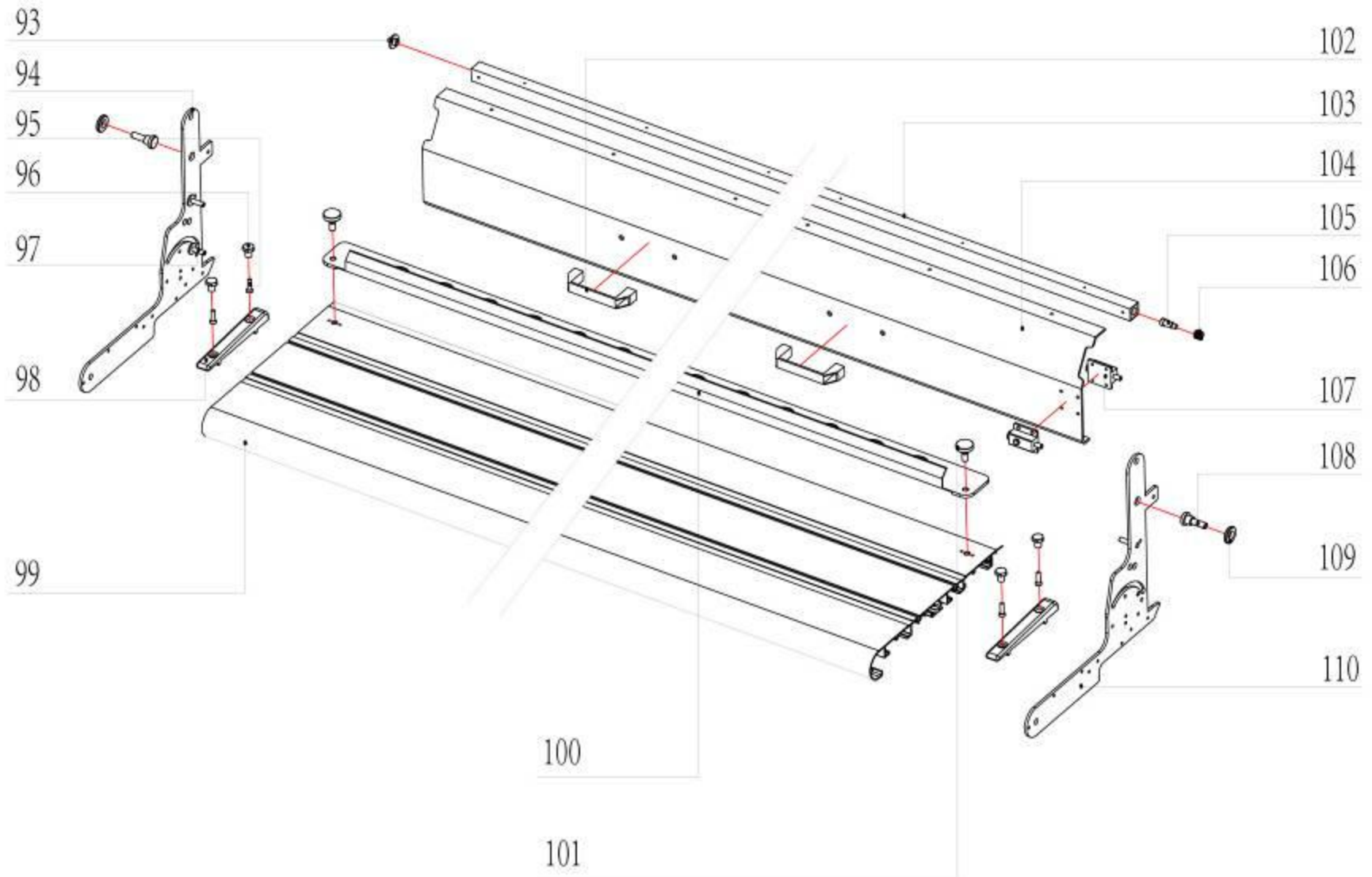
View 2 – Structure and Rollers



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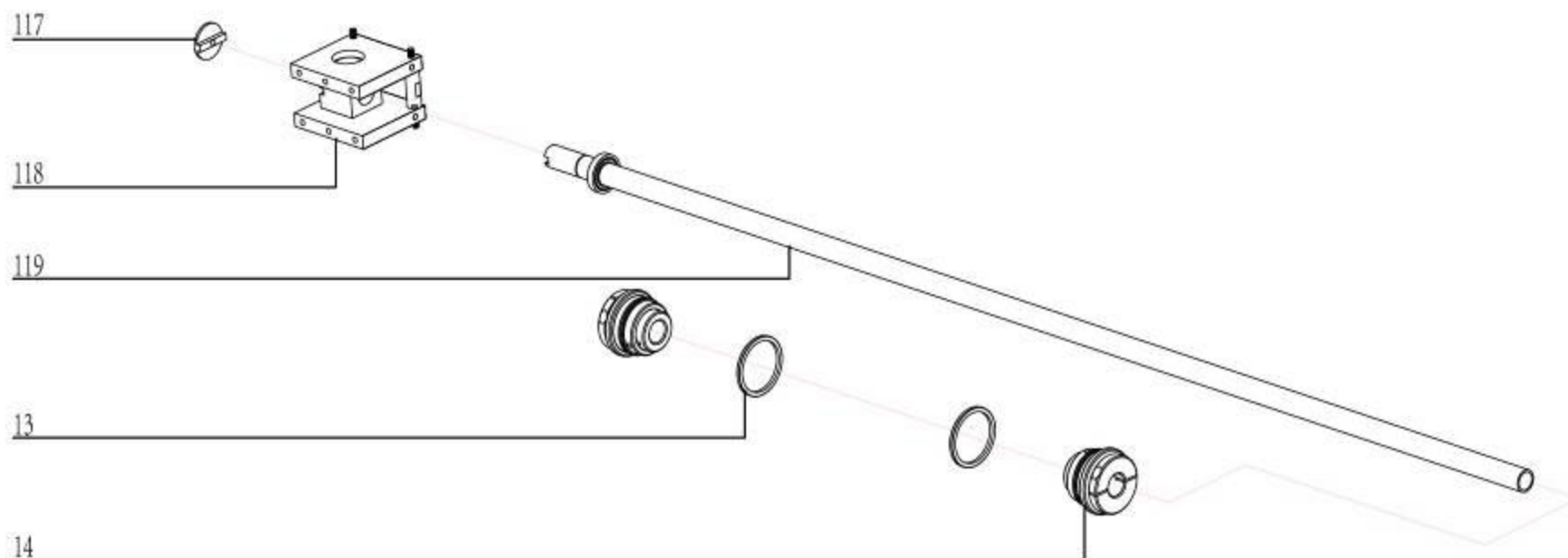


847DH

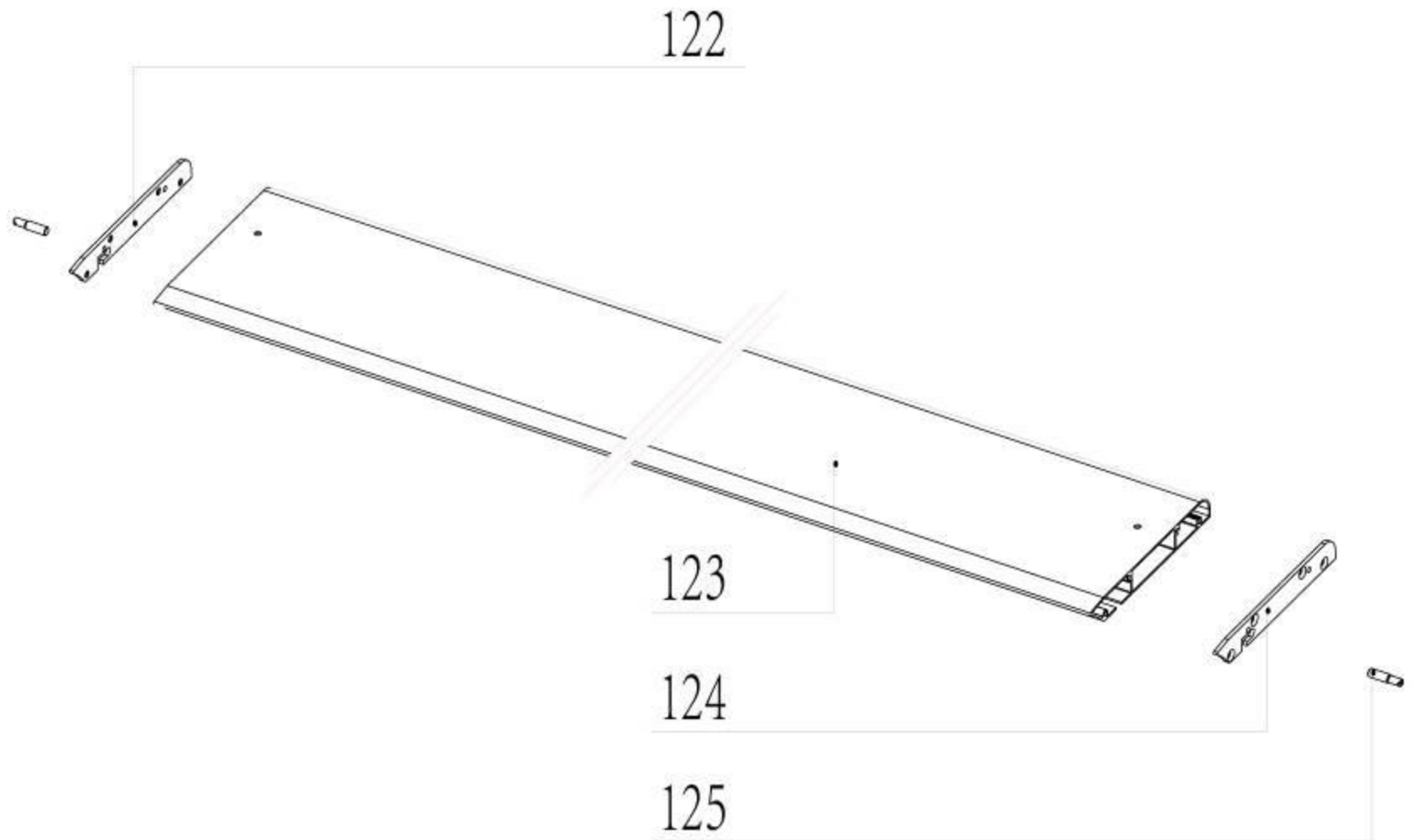


View 5- Feed tray and shield

847DH



View 6
119 - Upper supply mandrel assembly

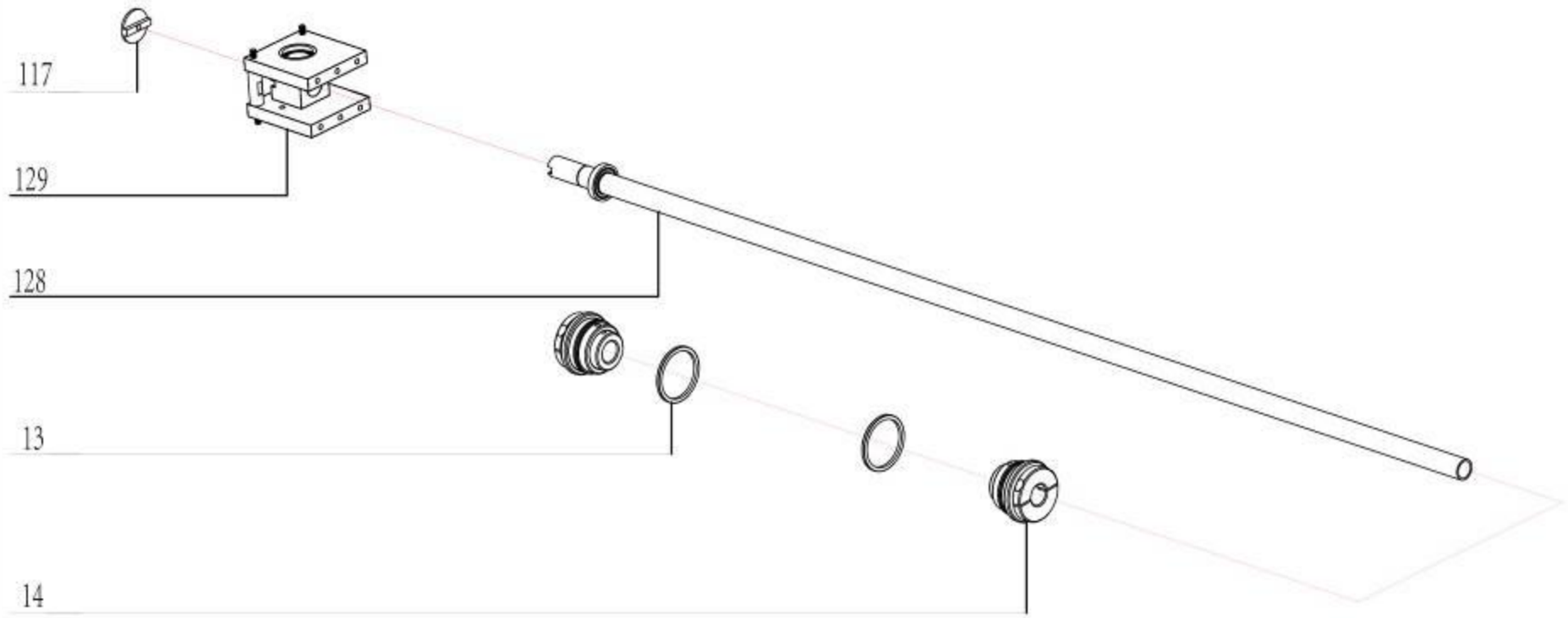


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View 7 – Exit table

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View 8
128 - Lower supply mandrel assembly

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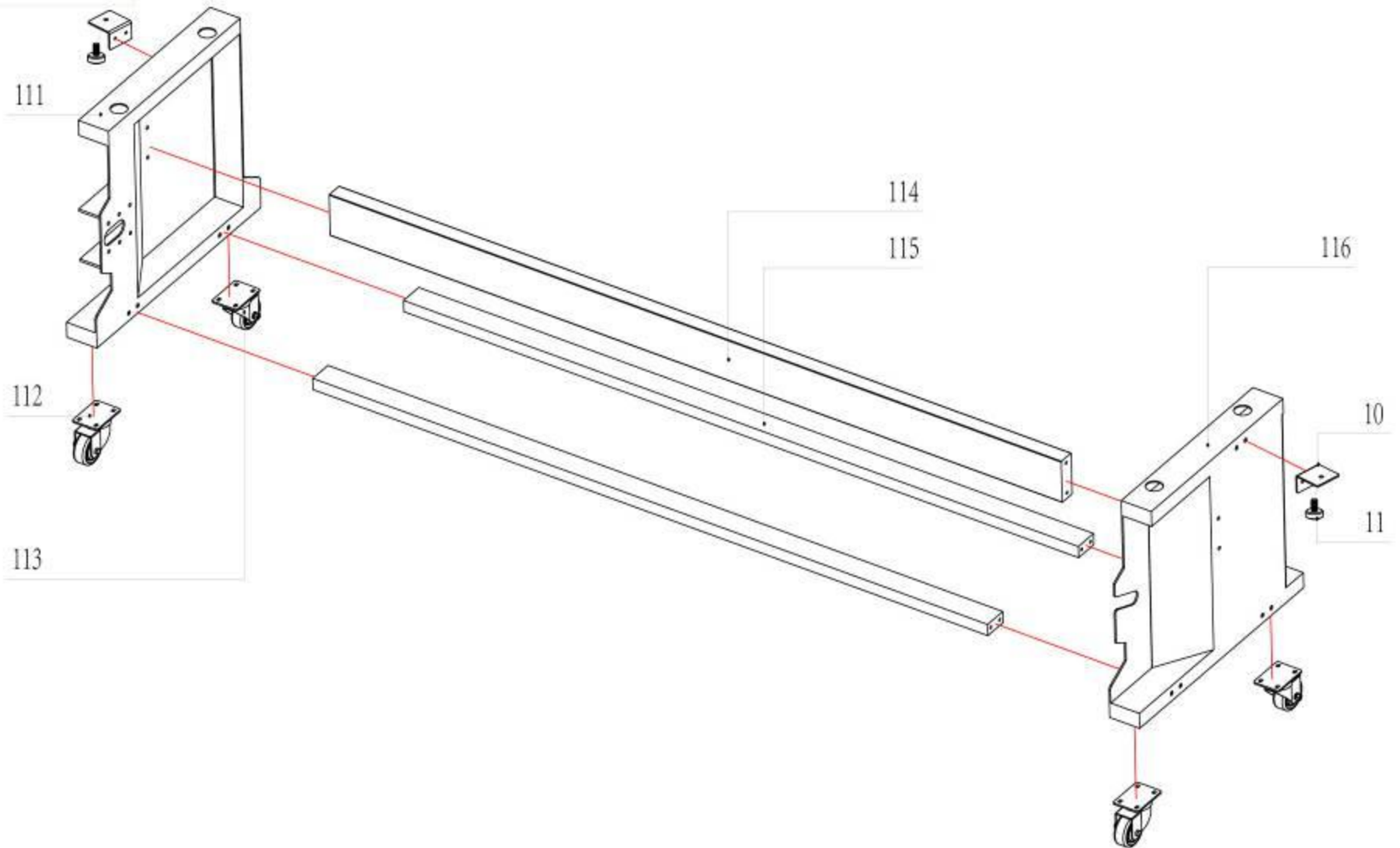


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View 9
121 – Rewind tube assembly

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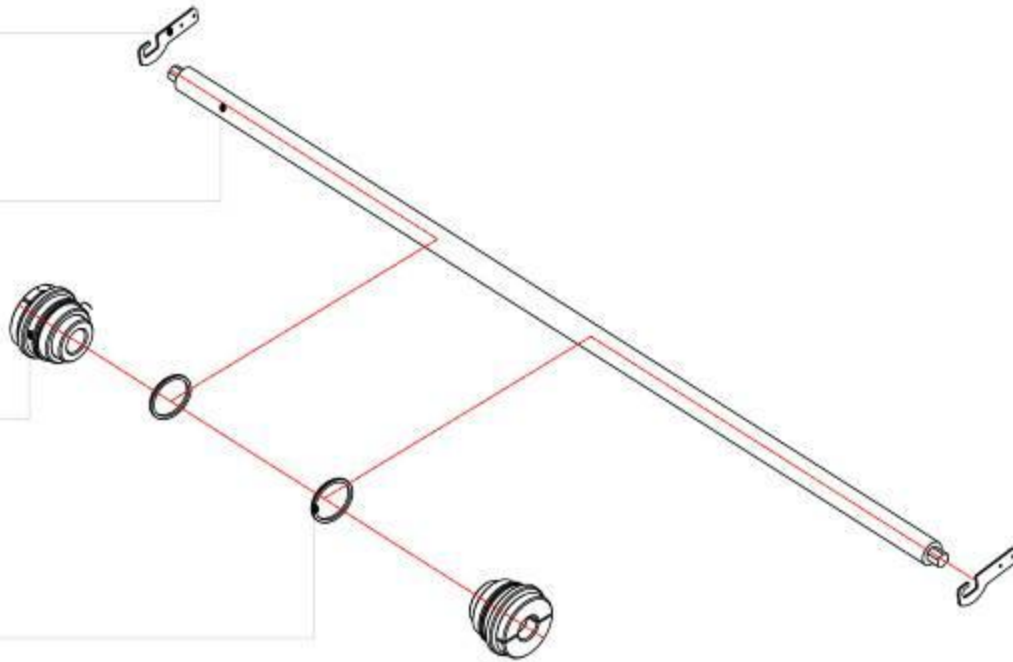
View 10
 122 – Stand assembly

16

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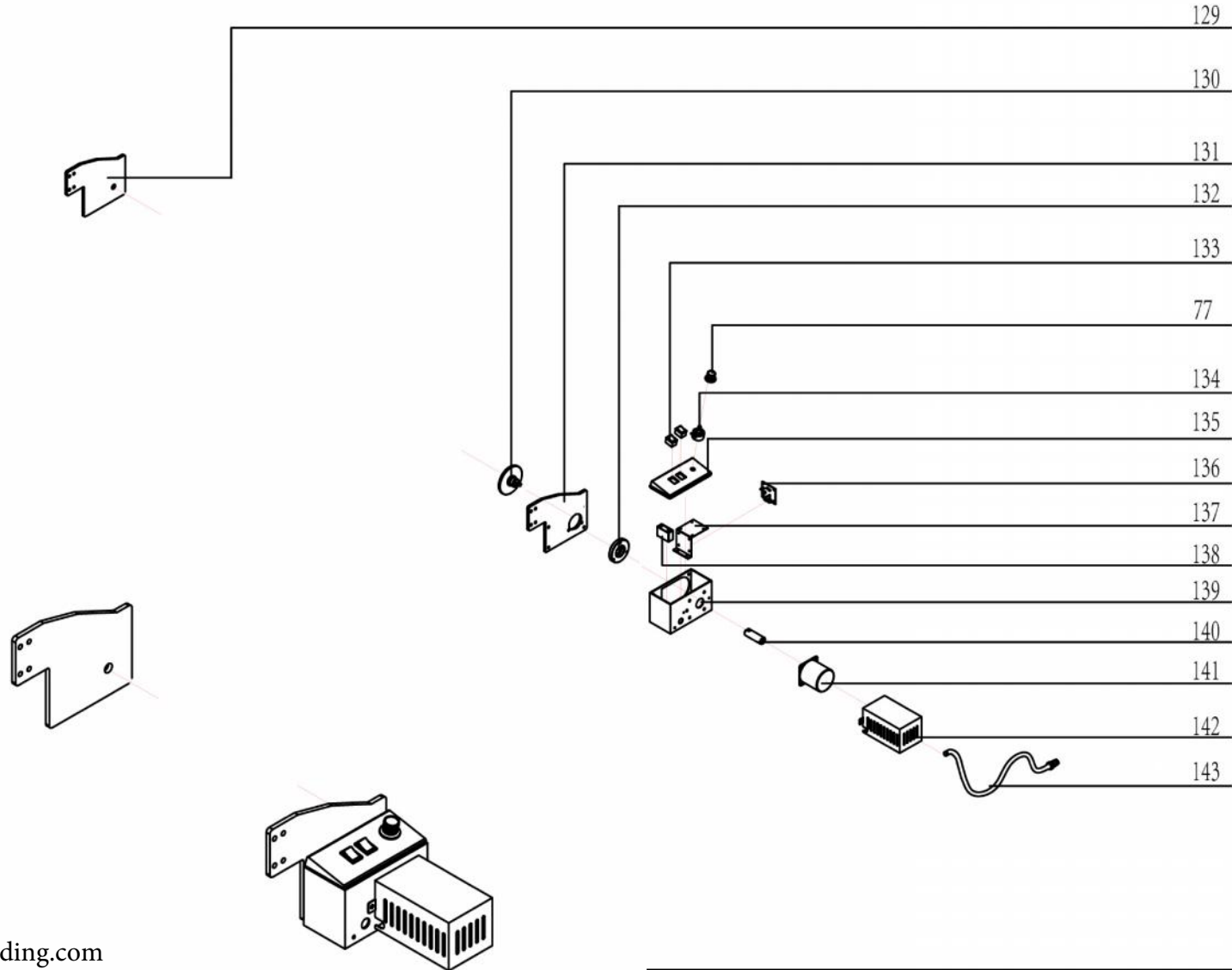


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View 11
127 – Front feed unwind assembly

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View 12
 DH-220 Rewind motor assembly

