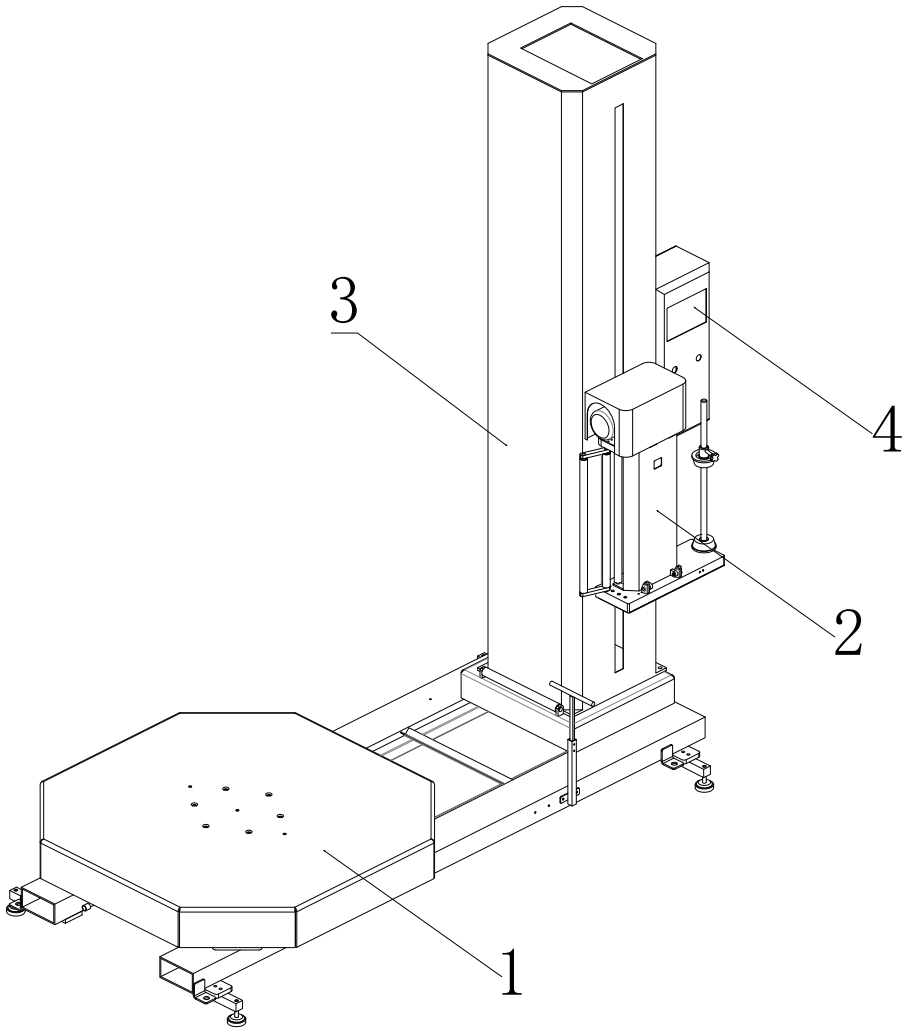
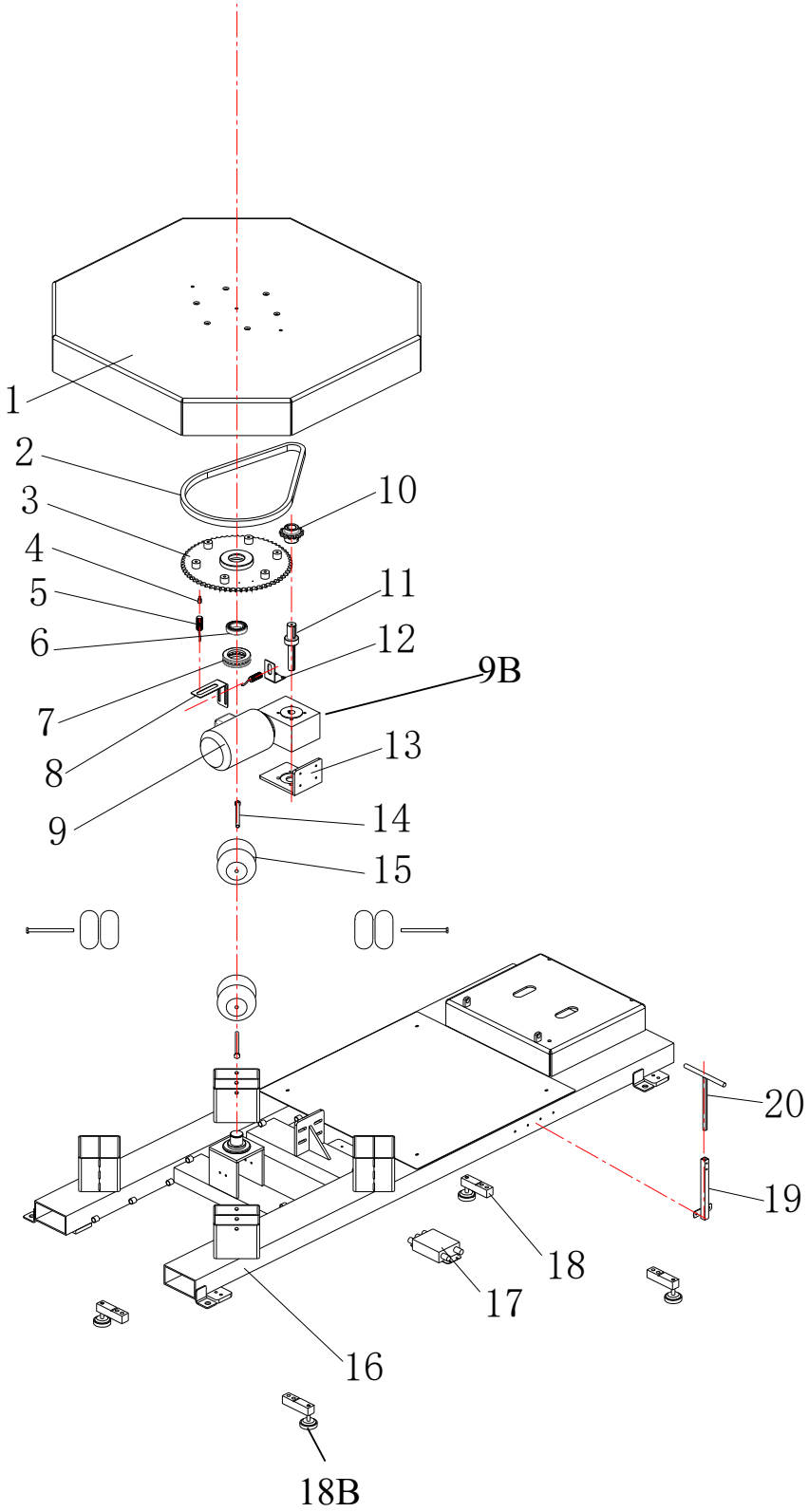
SENTRY HP/ LP PARTS DIAGRAM AND LIST



NO.	Name	Part Number	Qty	Remarks
1A	Sentry HP Base with Scale Set	753831		
1B	Sentry LP Base Assembly	749511		
2	Sentry Carriage Assembly	750497		
3	Sentry Tower Assembly (B&R)	749510		
4	Sentry Control Panel	750029		

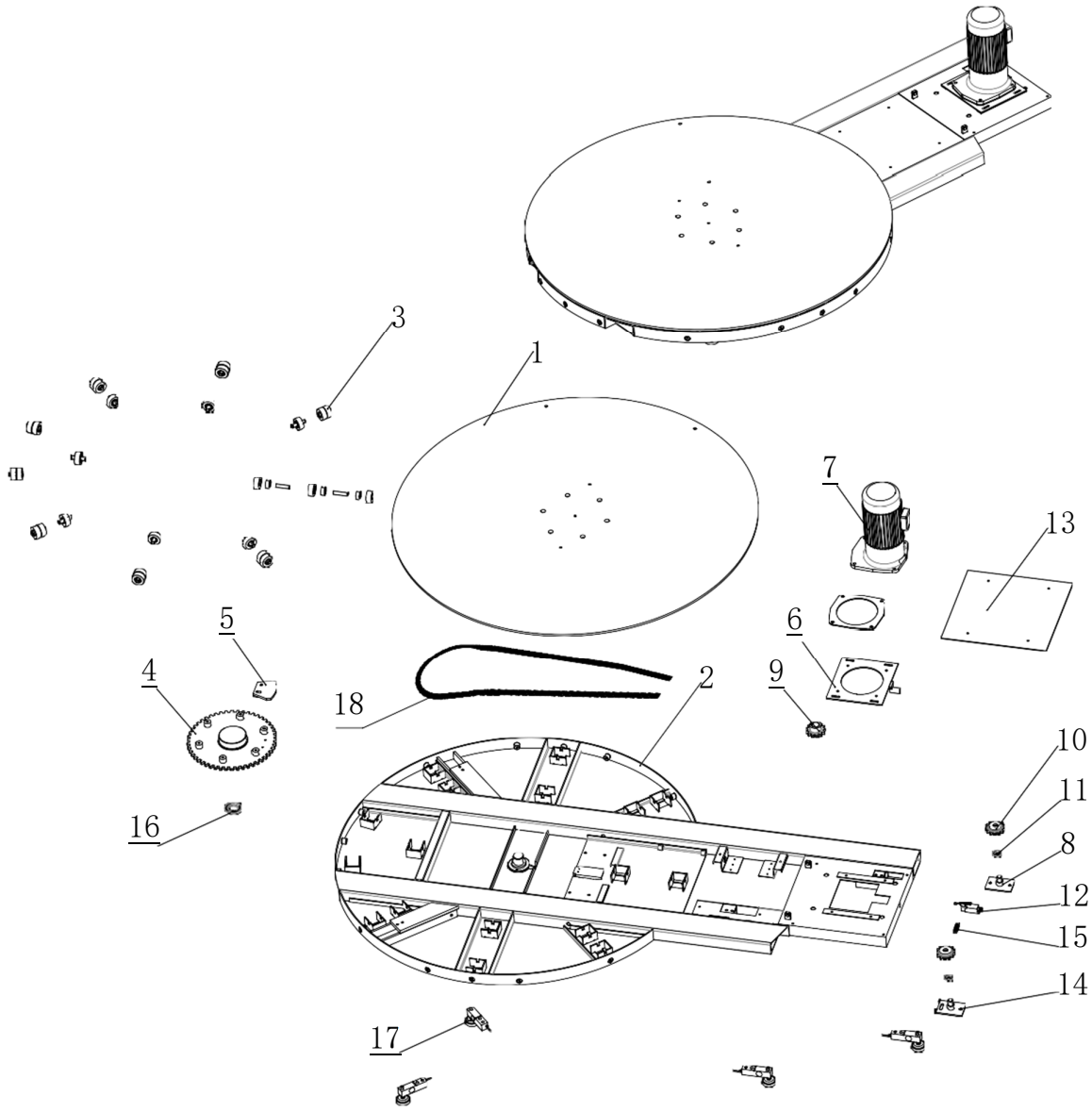
HP Base Unit Assembly



HP Base Parts List

NO.	Name	Part Number	Qty	Remarks
-	Complete HP Base Assembly	753831	1	
1	Turntable	754048	1	
2	TT Chain	752069	1	
3	TT Sprocket	751259	1	
4				
5				
6	Bearing	752070	1	
7	Bearing	752072	1	
8	Proximity Switch Mount	752073	1	
9A	Motor	752074	1	
9B	Gearbox	753841	1	
10	Drive Sprocket	753842	1	
11	Motor Shaft	753843	1	
12	Sensor Bracket	753844	1	
13	Reducer Mount	753845	1	
14	Caster Wheel Shaft	753846	4	
15	Caster Wheel	753847	8	
16	Sentry HP Base	753848	1	
17	Stainless Wire Box	753849	1	
18A	Scale Load Cell	751015	4	
18B	Scale Load Cell Feet	751016	4	
19	Roping Bar Holder	753850	1	
20	Roping Bar	753851	1	
21	Caster Wheel Kit	753852	1	
22	Optional Scale Kit with Feet, Load Cells, and LCD Indicator	751013	1	

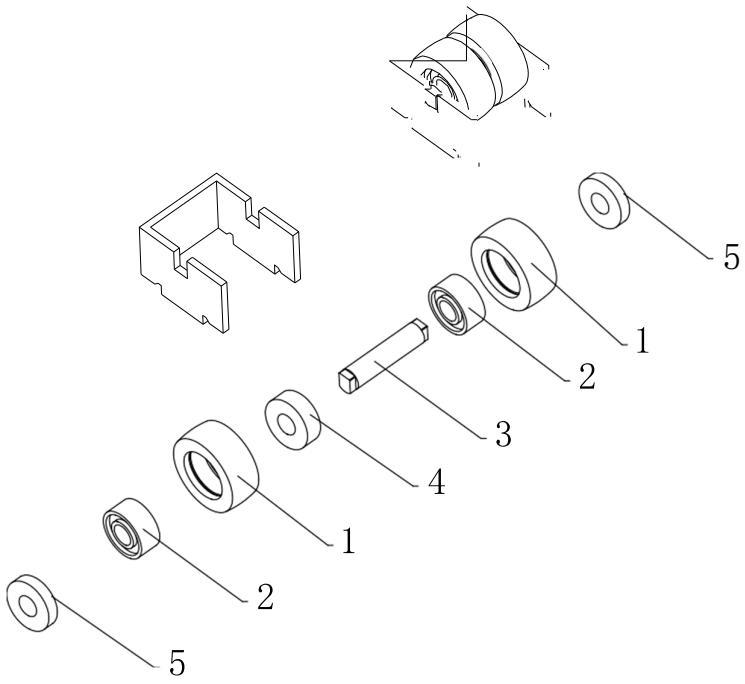
LP Base Unit Assembly



LP Base Parts List

NO.	Name	Part Number	Qty	Remarks
-	Complete LP Base Assembly	749511	1	
1	Turntable	751257	1	
2	Base	751258	1	
3	Roller Assembly	See Roller Assembly	13	
4	Driven Sprocket	751259	1	
5	Travel Switch Touch Block	751260	1	
6	Main Motor Baseplate	751261	1	
7	Turntable Motor	734351	1	750W 1:30
8	Tension Wheel Seat	751262	1	
9	Main Motor Drive Sprocket	751263	1	
10	Tension Chain Sprocket	751264	2	
11	Bearing	013428	2	6205
12	Limit Switch	734379	5	
13	Base Cover Plate	751265	1	
14	Elastic Tension Wheel Seat	751266	1	
15	Tension spring	751267	1	
16	Bearing	747355	1	6009
17	Load Cell Sensor	750865	4	Optional
18	Turntable Chain	0297067	1	#60

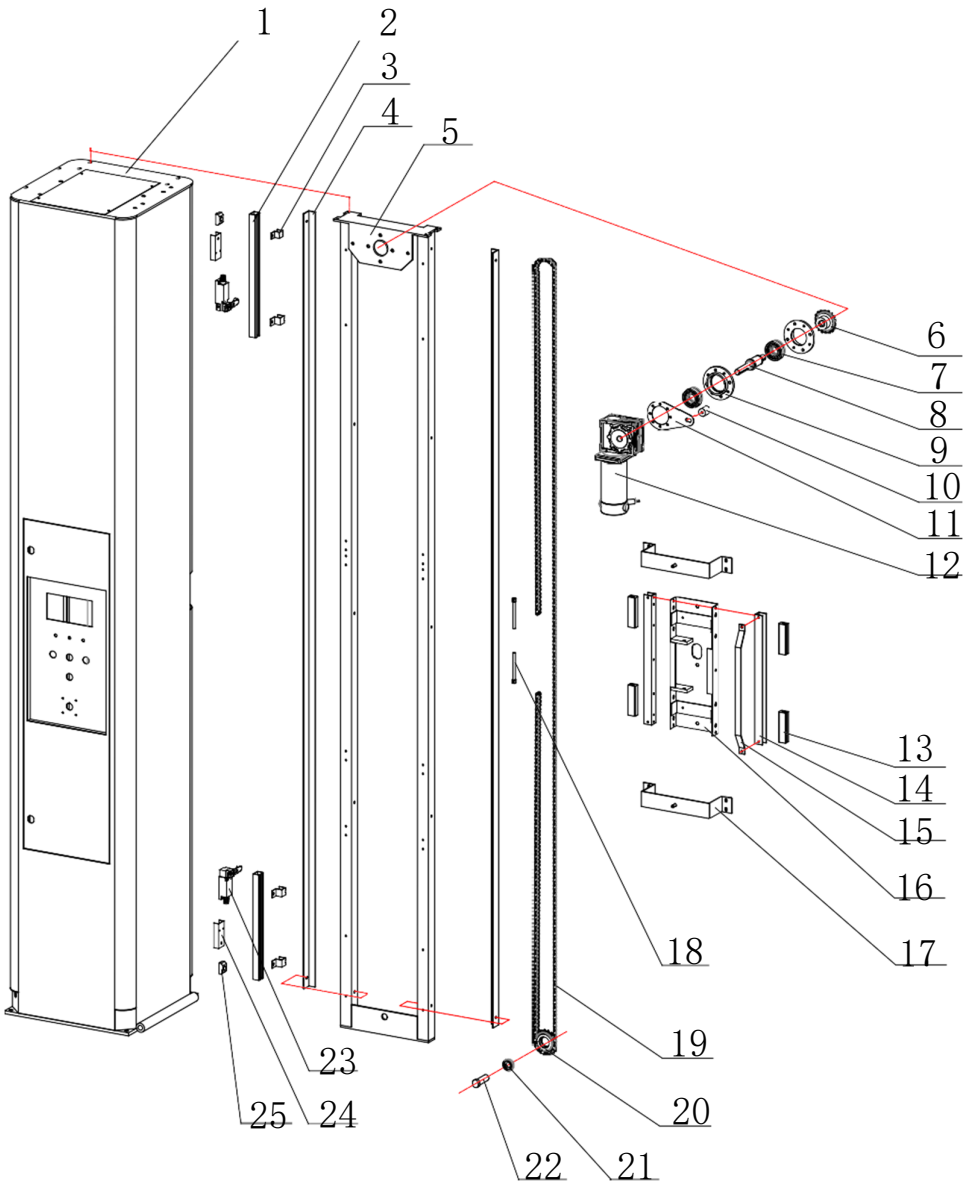
LP Roller Assembly



LP Roller Assembly Parts List

Part Ref	Description	Part Number	Qty	Remarks
1	Roller Body	751229	2	
2	Roller Bearing	712455	2	6202
3	Roller Shaft	751230	1	
4	Inner Spacer Bushing	751231	1	L=16mm
5	Outer Spacer Bushing	751232	2	L=9.5mm
6	Roller Stand	Welded to base Not available for sale	1	

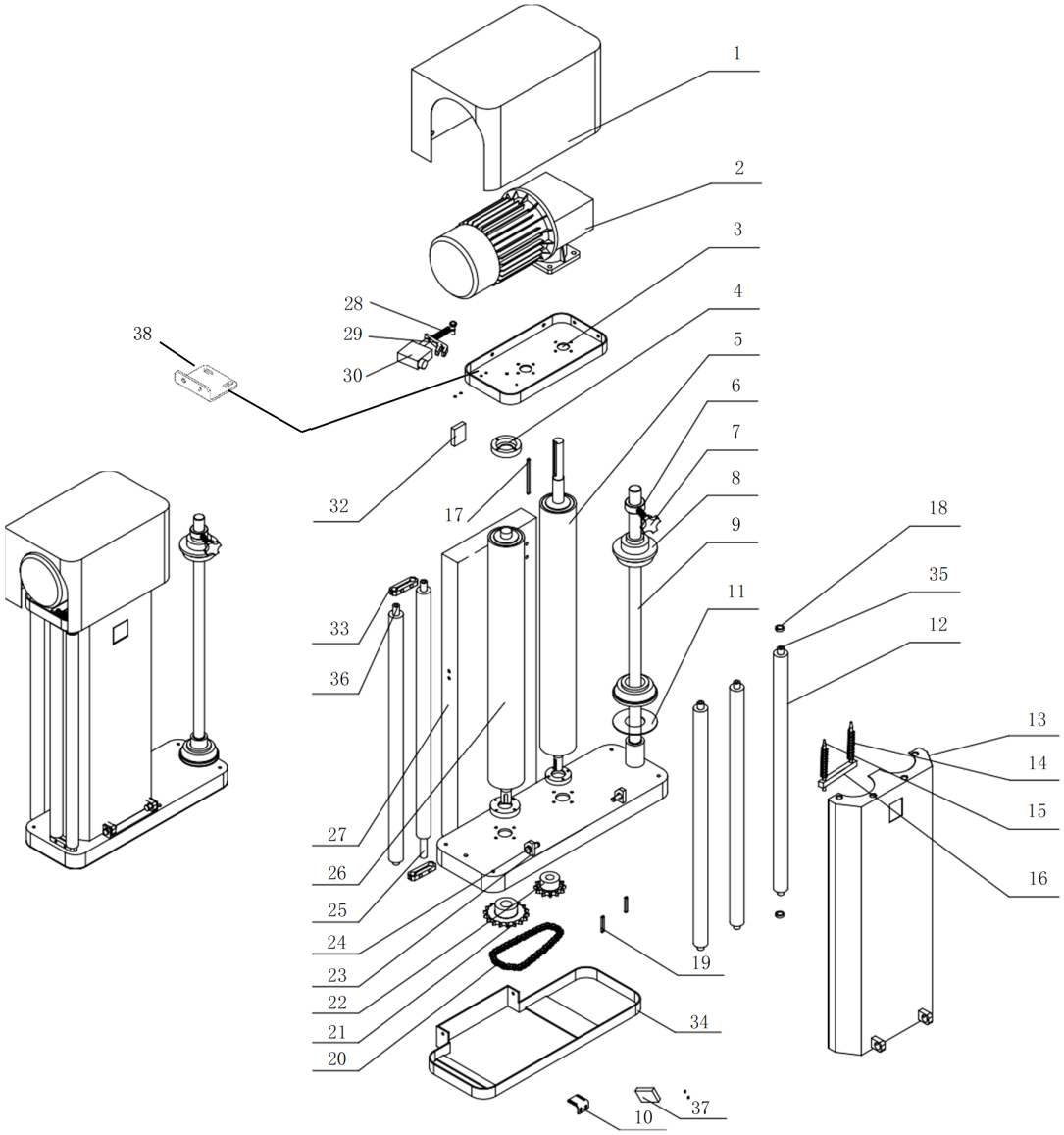
Tower Unit Assembly



Tower Parts List

NO.	Name	Part Number	Qty	Remarks
-	Complete Tower (8’ High) Complete Tower (9’ High)	749510 749991	1 1	
1	Tower (8’ High) Tower (9’ High)	751268 Contact for Details	1 1	
2	Travel Switch Sliding Slot	751269	2	
3	Lifting Wire Slot Support	751270	4	
4	Aluminum Slide	751271	2	
5	Mount Rack Lifting Bracket	751272	1	
6	Chain Driven Sprocket	751273	1	
7	Bearing	013429	2	6206
8	Motor Shaft	751274	1	
9	Bearing Seat	751275	2	
10	Torque Arm Mount	751276	1	
11	Torque Arm	751277	1	
12	Lifting Motor	751278	1	250W
12A	Tower Lift Kit (Motor, Gearbox, Shaft)	1078934	1	
13	Plastic Sliding Block	751279	4	
14	Sliding Block Frame	751280	2	
15	Lifting Touch Block	751281	1	
16	Single Chain Lifting Frame	751282	1	
17	Electrical Mount Plate	751283	2	
18	Adjusting Screw Rod	751284	2	
19	Chain (8’ Tower) Chain (9” Tower)	0364241 0364242	1 1	
20	Chain Idler Sprocket	751285	1	
21	Idler Bearing	741616	1	
22	Chain Idler Shaft	751286	1	
23	Limit switch	751292	2	OMRON
24	Limit Switch Plate	751287	2	
25	Limit Switch Block	751291	2	

Carriage Assembly



Carriage Parts List

NO.	Name	Part #	Qty	Remarks
-	Complete Sentry Carriage Assembly	750497	1	
1	Pre-stretch Motor Cover	735671	1	
2	Pre-stretch Gearbox & Motor	1011893	1	
2.1	Pre-stretch Motor Only	745000	1	Motor Only(250W)
2.2	Pre-stretch Gearbox Only	735672	1	Gearbox Only
3	Pre-stretch Upper Cover	735673	1	
4	Bearing w/Base	735674	3	
4.1	Bearing Only	741616	3	6904 bearing
5	Pre-stretch Roller	735675	1	
6	Tightening ring	735676	1	
7	Tightening Screw	735677	1	M10
8	Film Locating Plate	735678	2	
9	Film Shaft	735679	1	
10	Micro-Active Switch Frame	735680	1	
11	Locating Plate	735681	1	w/Ext. Ret. Ring
11.1	Ext. Retaining Ring	736040	1	
12	Transition Roller Kit (Rollers, Shaft & Bearings)	735682	5	w/shaft & bearings
13	Cradle Roller Door	735683	1	
14-16	Door Latch Kit (Spring, Pin & Rail)	1011894	--	Item #'s 14,15,16
14	Compressed Spring	735684	2	
15	Locating Pin	735685	2	
16	Cross Bar/Rail	735687	1	
17	Roller Key	753264	1	6mm×6mm×60mm
18	Roller Bearing (Part of item #12)	---------	10	6901
19	Sprocket Key	1070497	2	5mm×5mm×14mm
20	Carriage Chain	735690	1	06B
21	Driven Sprocket	735691	1	
22	Drive Sprocket	735692	1	
23	Lower Hinge	735693	1	
24	Hinge Pin	735694	2	
25	Swing Support Shaft	735695	1	
26	Main Roller	735696	1	
27	Lifting Body	735697	1	
28	Tension Spring	735698	1	
29	Micro Switch Touch Block	735699	1	
30	Micro Switch	735700	1	OMRON
31	#31 Obsolete	N/A		
32	Top Load Photoelectric Switch	735702	1	P+F

33	Left Connecting Block	735703	2	
34	Bottom Protection Frame	735704	1	
35	Transition roller shaft (Part of item #12)	----------	3	
36	Swing Shaft (short)	735706	1	
37	Micro Switch	738183	1	
38	Dark Photo Eye Mount Bracket	1057079	1	Optional Part