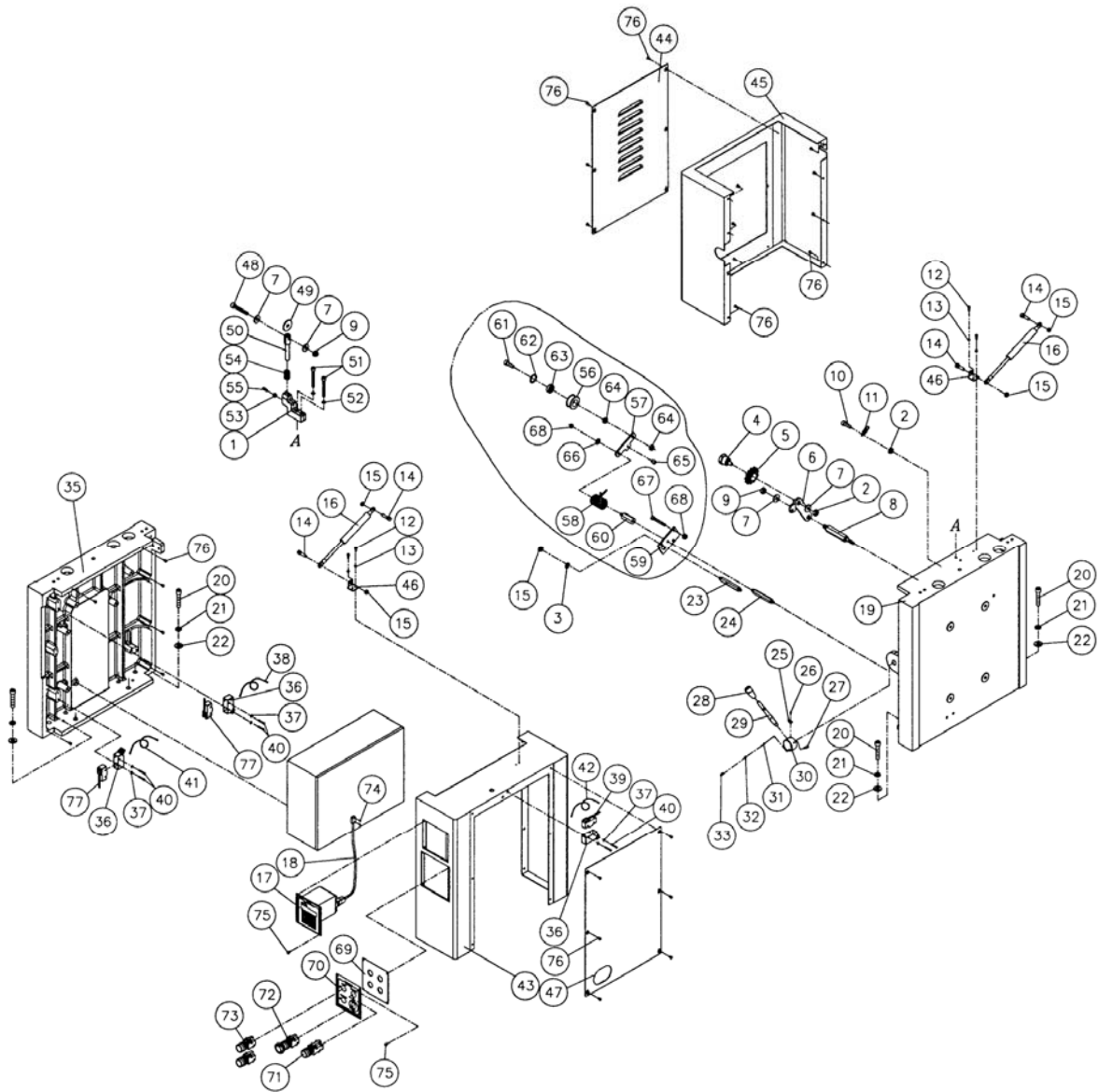


Column Assembly

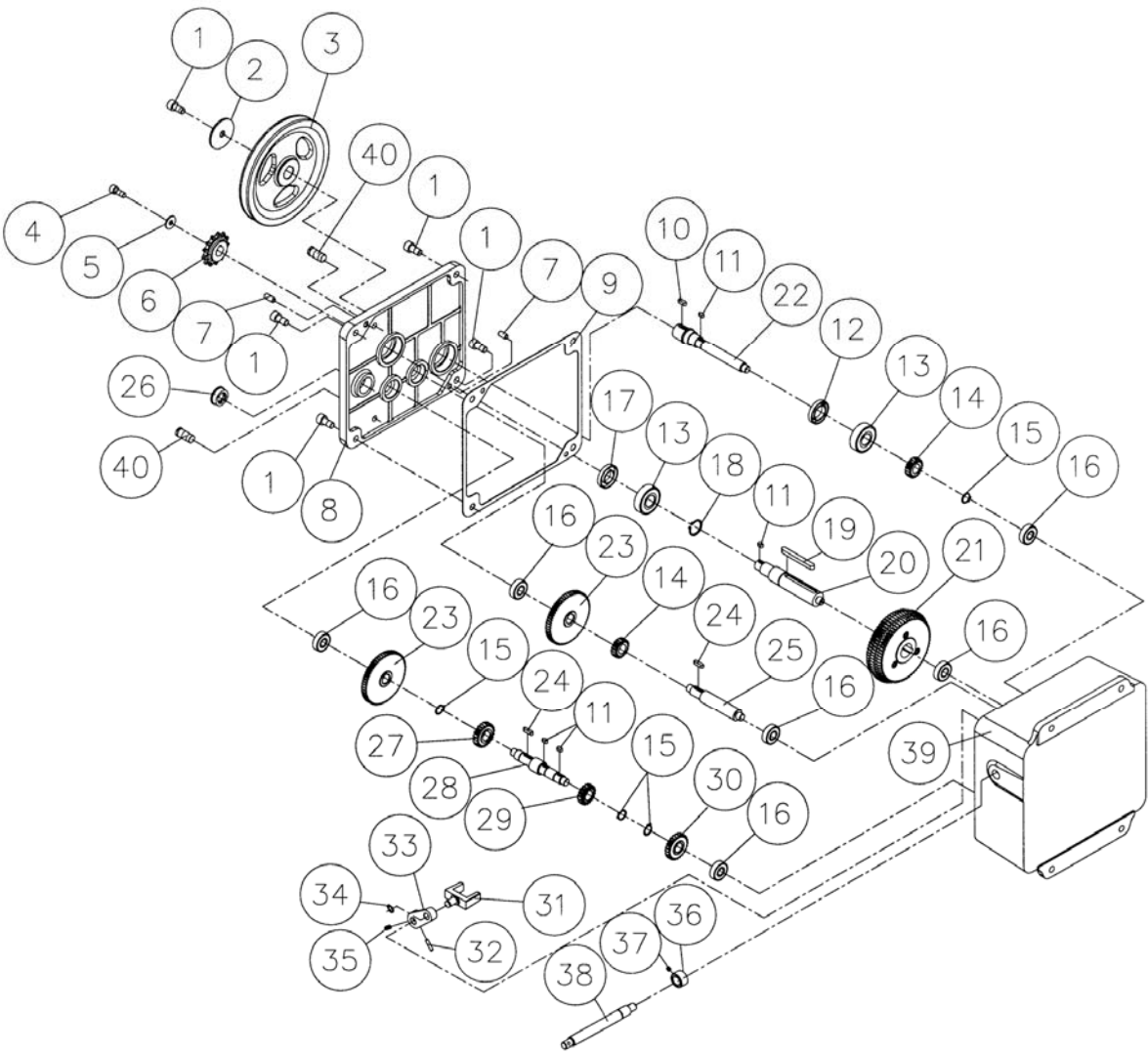


Parts List: Column Assembly

Index No.	Part No.	Description	Size	Qty
1	WP2510-401	Idler Support Base		1
2	TS-1540071	Hex Nut	M10	2
3	TS-1550061	Flat Washer	M8	1
4	6012082	Shaft		1
5	6012286	Sprocket		1
6	6012287	Sprocket Bracket		1
7	TS-1550071	Flat Washer	M10	4
8	WP2510-408	Shaft		1
9	TS-1541041	Nylon Insert Lock Nut	M10	2
10	TS-1505071	Socket Head Cap Screw	M10x45	1
11	WP2510-411	Spring		1
12	TS-1502031	Socket Head Cap Screw	M5x12	4
13	TS-1551031	Lock Washer	M5	4
14	WP2510-414	Shoulder Screw		4
15	TS-1541031	Nylon Insert Lock Nut	M8	4
16	WP2510-416	Cylinder		2
17	WP2510-417	Controller		1
18	WP2510-418	Cord		1
19	WP2510-419	Left Column		1
20	TS-1506051	Socket Head Cap Screw	M12x40	12
21	TS-1551081	Lock Washer	M12	12
22	TS-2360121	Flat Washer	M12	12
23	WP2510-423	Shaft		1
24	WP2510-424	Shaft		1
25	WP2510-425	Pointer		1
26	TS-2171012	Pan Head Screw	M4x6	1
27	WP2510-427	Pin		1
28	6012214	Handle Knob		1
29	6012213	Handle Shaft		1
30	WP2510-430	Shift Hub		1
31	WP2510-431	Steel Ball		1
32	WP2510-432	Spring		1
33	TS-1524031	Set Screw	M8x12	1
35	WP2510-435	Right Column		1
36	WP2510-436	Plastic Cover		3
37	TS-1550021	Flat Washer	M4	6
38	WP2510-438	Limit Switch Cord	18AWG x 2C x 750mm	1
39	WP2510-439	Limit Switch		1
40	TS-2284302	Pan Head Screw	M4x30	6
41	WP2510-441	Limit Switch Cord	18AWG x 2C x 400mm	1
42	WP2510-442	Limit Switch Cord	18AWG x 2C x 900mm	1
43	WP2510-443	Right Cover		1
44	WP2510-444	Left Panel		1
45	WP2510-445	Left Cover		1
46	WP2510-446	Cylinder Bracket		2
47	WP2510-447	Right Panel		1
48	TS-1505061	Socket Head Cap Screw	M10x40	1
49	WP2510-449	Washer		1
50	WP2510-450	Shaft		1
51	TS-1504081	Socket Head Cap Screw	M8x40	2
52	TS-1551061	Lock Washer	M8	2
53	TS-1540041	Hex Nut	M6	1
54	WP2510-454	Spring		1
55	TS-1523061	Set Screw	M6x20	1
	WP2510-IA	Idler Assembly (Items 56 thru 68)		1
56	WP2510-456	Idler		1
57	WP2510-457	Idler Bracket		1

58.....	WP2510-458	Spring	1
59.....	WP2510-459	Plate	1
60.....	WP2510-460	Bolt	1
61.....	TS-1505041	Socket Head Cap Screw	M10x30.....1
62.....	WP2510-462	C-Ring	1
63.....	BB-6200ZZ	Ball Bearing.....	6200ZZ.....1
64.....	TS-1540071	Hex Nut.....	M10.....2
65.....	WP2510-465	Socket Head Cap Screw	M8x8.....1
66.....	TS-1550061	Flat Washer.....	M8.....1
67.....	TS-1504121	Socket Head Cap Screw	M8x60.....1
68.....	TS-1540061	Hex Nut.....	M8.....1
69.....	WP2510-469	Inner Plate	1
70.....	WP2510-470	Outer Plate (Controls)	1
71.....	WP2510-471	Main Motor Pushbutton Switch	1
72.....	WP2510-472	Emergency Stop Pushbutton Switch	1
73.....	WP2510-473	Table Pushbutton Switch.....	2
74.....	WP2510-474	Screw	M3x15.....2
75.....	TS-2244102	Button Head Socket Screw.....	M4x10.....8
76.....	TS-2246102	Button Head Socket Screw.....	M6x10.....28
77.....	WP2510-477	Limit Switch.....	2
.....	6012230.....	Scale (not shown)	1

Gearbox Assembly



Parts List: Gearbox Assembly

Index No.	Part No.	Description	Size	Qty
	WP2510-100	Gearbox Assembly (index nos. 1 through 40)		1
1	TS-1505021	Socket Head Cap Screw	M10x20	5
2	6012047	Washer		1
3	6012046	Pulley		1
4	TS-1504041	Socket Head Cap Screw	M8x20	1
5	TS-1550061	Flat Washer	M8	1
6	6012050	Sprocket		1
7	WP2510-107	Pin		2
8	WP2510-108	Gearbox Cover		1
9	WP2510-109	Gasket		1
10	WP2510-110	Key	5x5x16	1
11	WP2510-111	Key	5x5x10	4
12	WP2510-112	Oil Seal		1
13	BB-6204VV	Ball Bearing	6204VV	2
14	6012037	Gear	20T	2
15	WP2510-115	S-Ring		4
16	BB-6201VV	Ball Bearing	6201VV	6
17	WP2510-117	Oil Seal		1
18	WP2510-118	S-Ring		1
19	WP2510-119	Key	8x7x72	1
20	WP2510-120	Shaft		1
21	WP2510-121	Gear		1
22	WP2510-122	Shaft		1
23	6012041	Gear	60T	2
24	WP2510-124	Key	5x5x20	2
25	WP2510-125	Shaft		1
26	WP2510-126	Oil Level Sight Glass		1
27	WP2510-127	Gear		1
28	WP2510-128	Shaft		1
29	WP2510-129	Gear		1
30	WP2510-130	Gear		1
31	WP2510-131	Shift Fork		1
32	WP2510-132	Pin		1
33	6012061	Lever		1
34	WP2510-134	S-Ring		1
35	TS-1523021	Set Screw	M6x8	1
36	WP2510-136	Bushing		1
37	TS-1523011	Set Screw	M6x6	1
38	WP2510-138	Shift Shaft		1
39	WP2510-139	Gearbox		1
40	WP2510-140	Oil Plug		2

Parts List: Cutterhead Assembly

Index No.	Part No.	Description	Size	Qty
1	WP2510-201	Socket Head Cap Screw	M10x75	2
2	TS-1550071	Flat Washer	M10	12
3	6012132	Spring		2
4	WP2510-204	Wave Washer		1
5	TS-1505061	Socket Head Cap Screw	M10x40	4
6	WP2510-206	Pressure Bar		1
7	TS-1540071	Hex Nut	M10	10
8	WP2510-208	Needle Bearing	NA-6906	6
9	WP2510-209	Set Screw	M6x30	6
10	TS-1540041	Hex Nut	M6	6
11	6012141	Bearing Housing		6
12	TS-1503041	Socket Head Cap Screw	M6x16	12
13	WP2510-213	Plate		6
14	WP2510-214	Rear Outfeed Roller		1
15	WP2510-215	Key	5x5x12	2
16	WP2510-216	C-Ring		6
17	6012177	Spacer		79
18	WP2510-218	C-Ring		6
19	WP2510-219	Sprocket		2
20	TS-1550061	Flat Washer	M8	3
21	TS-1504041	Socket Head Cap Screw	M8x20	2
22	WP2510-222	Key	8x7x35	2
23	WP2510-223	Front Outfeed Roller		1
24	WP2510-224	Socket Head Cap Screw (Left Thread)	M8x20	1
25	WP2510-225	Sprocket	22T	2
26	WP2510-226	S-Ring		1
27	WP2510-227	Ball Bearing	6210VV	2
28	WP2510-228	Bushing		1
	WP2510-HCA	Helical Cutterhead Assembly (includes #29, 68, 69)		1
29	WP2510-829	Helical Cutterhead		1
30	BB-6008VV	Ball Bearing	6008VV	1
31	BB-6007VV	Ball Bearing	6007VV	1
32	WP2510-232A	S-Ring		1
33	WP2510-233	Chain	#40 x 58P	1
34	WP2510-234	Chain	#40 x 74P	1
35	TS-1505081	Socket Head Cap Screw	M10x50	4
36	TS-1551071	Lock Washer	M10	6
37	WP2510-237	Pin		4
38	TS-1505021	Socket Head Cap Screw	M10x20	7
39	WP2510-239	Spring Support Shaft		2
40	TS-1524021	Set Screw	M8x10	12
41	WP2510-241A	Left Cutterhead Base		1
42	WP2510-242	Cutterhead Base Support Shaft		2
43	WP2510-243	Chipbreaker Support Shaft		1
44	6012167	Infeed Roller		24
45	6012168	Shaft		144
46	6012169	Spring		144
47	WP2510-247	Anti-Kickback Finger Support Shaft		2
48	6012164	Infeed Roller Spacer		2
49	WP2510-249B	Right Cutterhead Base		1
50	6012116	Washer		1
51	WP2510-251	Cutterhead Pulley		1
52	WP2510-252	Socket Head Cap Screw (Left Thread)	M10x20	1
53	TS-1550071	Flat Washer	M10	1
54	WP2510-254	Sprocket	26T	1
55	6012178	Anti-Kickback Finger		70
56	6012161	Washer		12

57.....	6012163.....	Shaft.....	6
58.....	6012162.....	Spring.....	6
59.....	WP2510-259.....	Right Bracket.....	1
60.....	WP2510-260.....	Key.....	8x7x16.....1
61.....	6012175.....	Spring.....	11
63.....	WP2510-263.....	Infeed Roller Shaft.....	1
64.....	TS-1505041.....	Socket Head Cap Screw.....	M10x30.....2
65.....	WP2510-265.....	Left Bracket.....	1
66.....	6012174.....	Chipbreaker.....	11
67.....	WP2510-267.....	Chain.....	#40 x 24P.....1
68.....	JWP208HH-111.....	Knife Insert Screw.....	#10-32 x 1/2".....174
69.....	1791212.....	Knife Insert (sold as set of 10).....	174
70.....	JJ6HH-113.....	Star Point Screwdriver (not shown).....	2

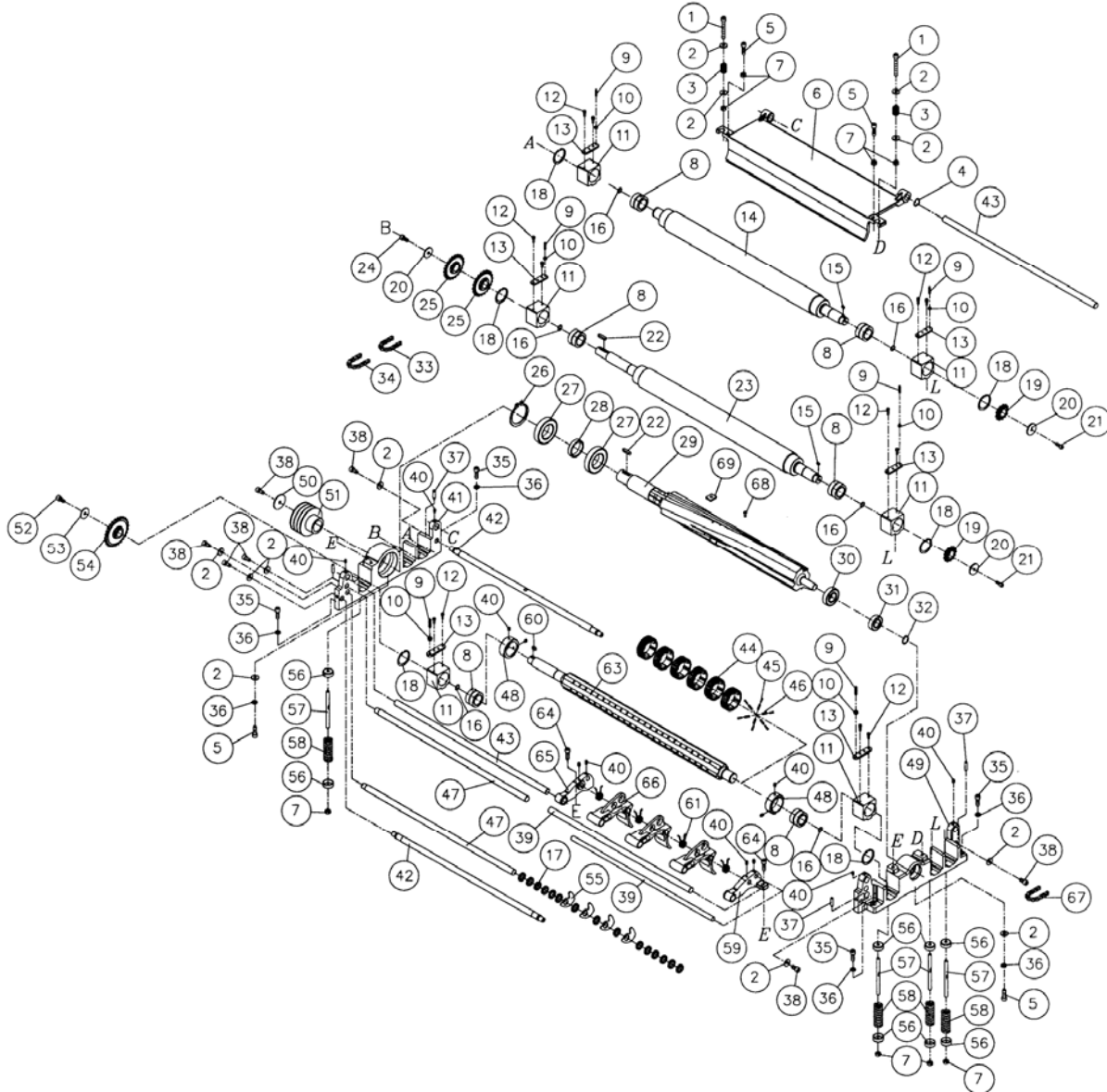
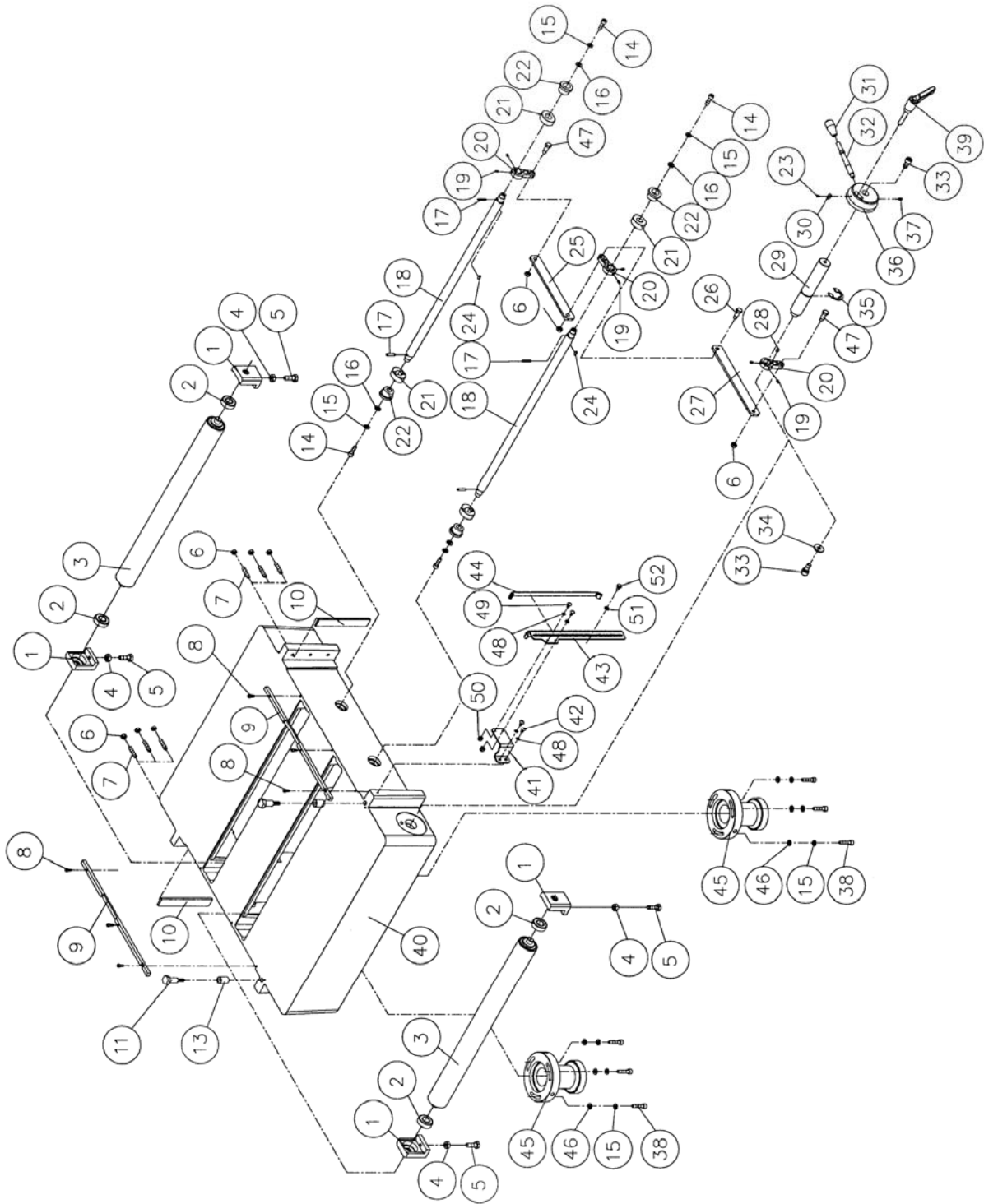


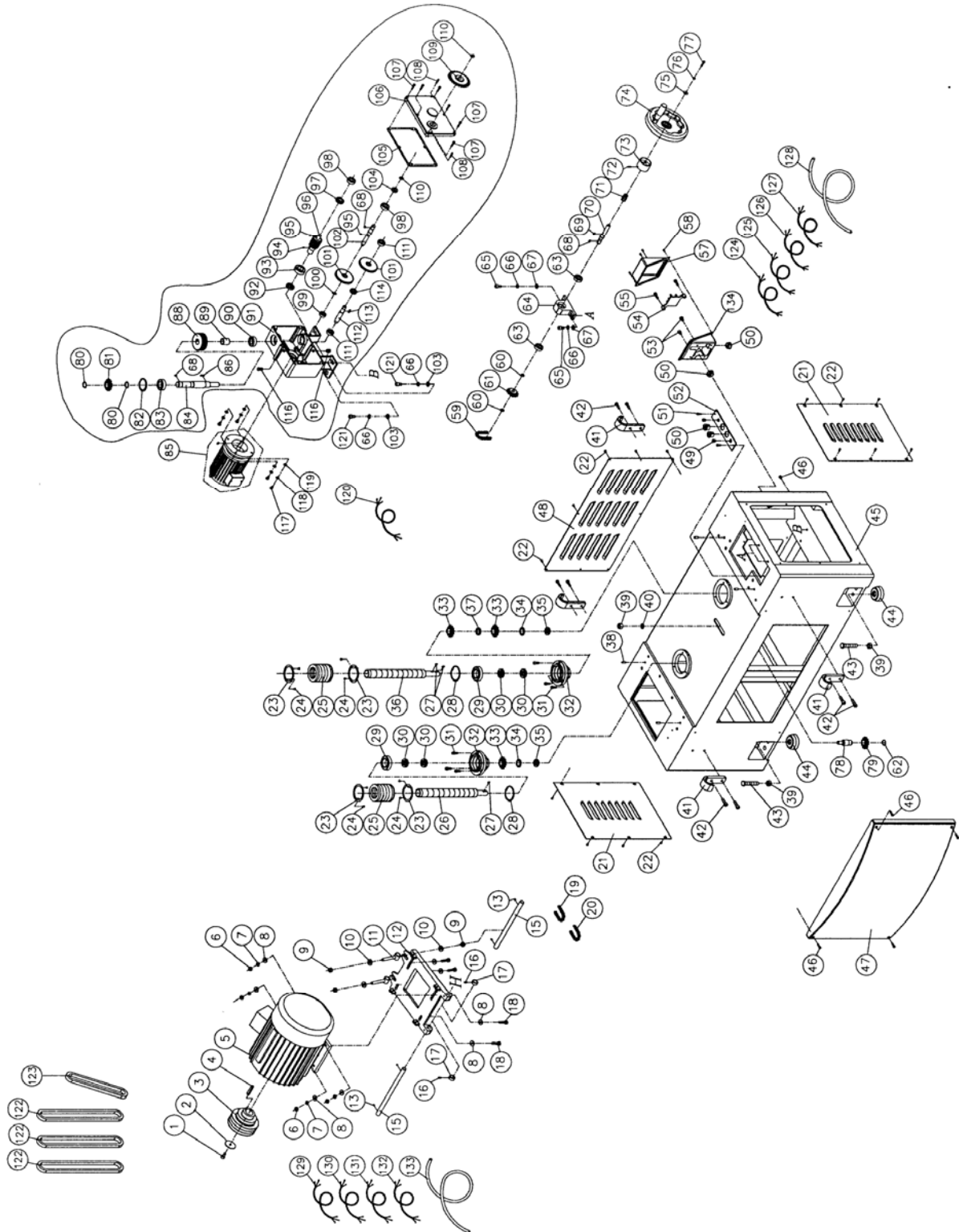
Table Assembly



Parts List: Table Assembly

Index No.	Part No.	Description	Size	Qty
1	WP2510-501	Roller Bracket		4
2	BB-6203VV	Ball Bearing	6203VV	4
3	WP2510-503	Roller		2
4	TS-1540071	Hex Nut	M10	4
5	TS-1491041	Hex Cap Screw	M10x30	4
6	TS-1540061	Hex Nut	M8	9
7	WP2510-507	Set Screw	M8x40	6
8	TS-1502091	Socket Head Cap Screw	M5x40	6
9	WP2510-509	Guide		2
10	6012241	Plate		2
11	WP2510-511	Shoulder Screw		2
13	6012239	Sleeve		2
14	TS-1504051	Socket Head Cap Screw	M8x25	4
15	TS-1551061	Lock Washer	M8	10
16	TS-1550061	Flat Washer	M8	4
17	WP2510-517	Pin		4
18	WP2510-518	Transfer Roller		2
19	TS-1522021	Set Screw	M5x8	6
20	6012248	Linking Plate		3
21	6012261	Eccentric Cam		4
22	6012260	Shaft		4
23	TS-2171012	Pan Head Screw	M4x6	1
24	WP2510-111	Key	5x5x10	2
25	WP2510-525	Rear Linking Plate		1
26	6012258	Shoulder Screw		1
27	WP2510-527	Front Linking Plate		1
28	WP2510-528	Key	5x5x8	1
29	6012249	Shaft		1
30	WP2510-530	Pointer		1
31	6012214	Handle Knob		1
32	6012213	Handle Shaft		1
33	TS-1505021	Socket Head Cap Screw	M10x20	2
34	TS-1550071	Flat Washer	M10	1
35	WP2510-535	E-Clip		1
36	6012252	Hub		1
37	TS-1523021	Set Screw	M6x8	1
38	TS-1504081	Socket Head Cap Screw	M8x40	6
39	6012253	Locking Handle		1
40	WP2510-540	Table		1
41	WP2510-541	Pointer		1
42	TS-2245102	Button Head Socket Screw	M5x10	2
43	WP2510-543	Slide Bracket		1
44	WP2510-544	Magnetic Bar		1
45	6012244	Table Adjusting Hub		2
46	TS-1550061	Flat Washer	M8	6
47	6012247	Shoulder Screw		1
48	TS-2361051	Lock Washer	M5	4
49	WP2510-549	Screw	M5x15	2
50	TS-1541011	Lock Nut	M5	2
51	WP2510-551	Wave Washer	M5	1
52	WP2510-552	Shoulder Screw		1

Base Assembly



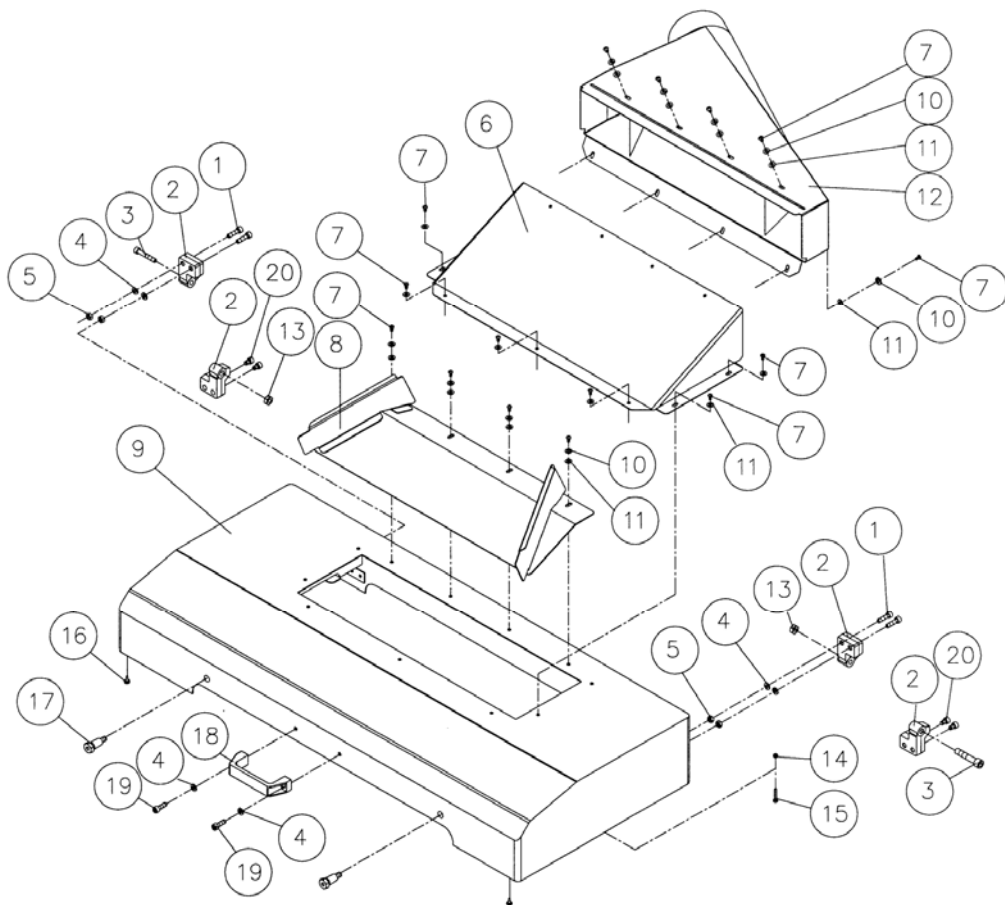
Parts List: Base Assembly

Index No.	Part No.	Description	Size	Qty
1	TS-1504031	Socket Head Cap Screw	M8x16	1
2	TS-1550061	Flat Washer	M8	1
3	WP2510-603	Motor Pulley		1
4	WP2510-604	Key	10x8x56	1
5	WP2510-605	Main Motor	15HP, 230/460V, 3Ph	1
6	TS-1540071	Hex Nut	M10	4
7	TS-2361101	Lock Washer	M10	4
8	TS-1550071	Flat Washer	M10	8
9	TS-1540081	Hex Nut	M12	4
10	TS-2360121	Flat Washer	M12	4
11	6012123	Adjusting Bolt		2
12	WP2510-612	Motor Plate		1
13	TS-1523051	Set Screw	M6x16	4
15	6012126	Shaft		2
16	TS-1524021	Set Screw	M8x10	2
17	6012125	Spacer		2
18	TS-1491081	Hex Cap Screw	M10x50	4
19	WP2510-619	Chain	#40 x 54P	1
20	WP2510-620	Chain	#40 x 84P	1
21	WP2510-621	Side Cover		2
22	TS-2246102	Button Head Socket Screw	M6x10	20
23	6012071	Bushing		4
24	6012070	Washer Head Screw	M4x8	8
25	6012068	Rubber Boot		2
26	6012069	Driven Lead Screw		1
27	WP2510-111	Key	5x5x10	3
28	WP2510-628	C-Ring		2
29	BB-6008VV	Ball Bearing	6008VV	2
30	BB-51105	Thrust Bearing	51105	4
31	TS-1504041	Socket Head Cap Screw	M8x20	6
32	6012075	Bracket		2
33	WP2510-633	Sprocket		3
34	WP2510-634	Star Washer	M25	2
35	WP2510-635	Special Nut		2
36	WP2510-636	Drive Lead Screw		1
37	WP2510-637	Washer		1
38	WP2510-638	Pin		4
39	TS-154010	Hex Nut	M16	5
40	TS-155010	Flat Washer	M16	1
41	WP2510-641	Hanger		4
42	TS-1505041	Socket Head Cap Screw	M10x30	4
43	WP2510-643	Leveling Screw	M16x80	4
44	6012095	Pad		4
45	WP2510-645	Base		1
46	TS-1503021	Socket Head Cap Screw	M6x10	5
47	WP2510-647	Front Cover		1
48	WP2510-648	Rear Cover		1
49	WP2510-649	Strain Relief		2
50	WP2510-650	Strain Relief		4
51	TS-1503041	Socket Head Cap Screw	M6x16	2
52	WP2510-652	Plate		1
53	TS-1504011	Socket Head Cap Screw	M8x10	2
54	WP2510-654	Terminal Plate		1
55	TS-1504051	Socket Head Cap Screw	M8x25	2
57	WP2510-657	Junction Box Cover		1
58	TS-1533032	Pan Head Screw	M5x10	4
59	WP2510-233	Chain	#40 x 58P	1

60	WP2510-660	S-Ring		2
61	WP2510-661	Sprocket		1
62	WP2510-662	S-Ring		1
63	BB-6203VV	Ball Bearing	6203VV	2
64	WP2510-664	Housing		1
65	TS-1505021	Socket Head Cap Screw	M10x20	2
66	TS-1551071	Lock Washer	M10	6
67	TS-1550071	Flat Washer	M10	2
68	WP2510-215	Key	5x5x12	2
69	WP2510-669	Key	5x5x15	1
70	WP2510-670	Hand Wheel Shaft		1
71	WP2510-671	Spring		1
72	TS-1523051	Set Screw	M6x16	1
73	WP2510-673	Bushing		1
74	WP2510-674	Hand Wheel Assembly		1
75	TS-1550041	Flat Washer	M6	1
76	TS-1551041	Lock Washer	M6	1
77	TS-1503051	Socket Head Cap Screw	M6x20	1
78	WP2510-678	Shaft		1
79	WP2510-679	Sprocket		1
	WP2510-GBA	Gearbox Assembly (#68, 80-84, 86, 88-102, 104-114, 116)		1
80	WP2510-680	S-Ring		2
81	WP2510-681	Sprocket		1
82	WP2510-682	C-Ring		1
83	BB-6205ZZ	Ball Bearing	6205ZZ	1
84	WP2510-684	Shaft		1
85	WP2510-685	Motor	1/2HP, 230/460V, 3Ph	1
86	WP2510-686	Key	5x5x22	1
88	WP2510-688	Gear		1
89	WP2510-689	Bushing		1
90	BB-6204ZZ	Ball Bearing	6204ZZ	1
91	WP2510-691	Gearbox		1
92	WP2510-692	Oil Seal		1
93	BB-6205ZZ	Ball Bearing	6205ZZ	1
94	TS-1524011	Set Screw	M8x8	1
95	WP2510-111	Key	5x5x10	2
96	WP2510-696	Worm		1
97	WP2510-697	Gear	24T	1
98	BB-6203ZZ	Ball Bearing	6203ZZ	2
99	BB-6201ZZ	Ball Bearing	6201ZZ	1
100	WP2510-6100	S-Ring		1
101	WP2510-6101	Gear	60T	1
102	WP2510-6102	Shaft		1
103	TS-1550071	Flat Washer	M10	4
104	WP2510-6104	Oil Seal		1
105	WP2510-6105	Gasket		1
106	WP2510-6106	Gearbox Cover		1
107	TS-1503061	Socket Head Cap Screw	M6x25	6
108	WP2510-6108	Pin		2
109	WP2510-6109	Sprocket		1
110	WP2510-6110	S-Ring		2
111	BB-6202ZZ	Ball Bearing	6202ZZ	1
112	WP2510-6112	Shaft		1
113	WP2510-124	Key	5x5x20	1
114	WP2510-6114	Gear	20T	1
116	WP2510-6116	Oil Plug		2
117	TS-1490041	Hex Cap Screw	M8x25	4
118	TS-2361081	Lock Washer	M8	4
119	TS-1550061	Flat Washer	M8	4
120	WP2510-6120	Motor Cord		1
121	TS-1505041	Socket Head Cap Screw	M10x30	4

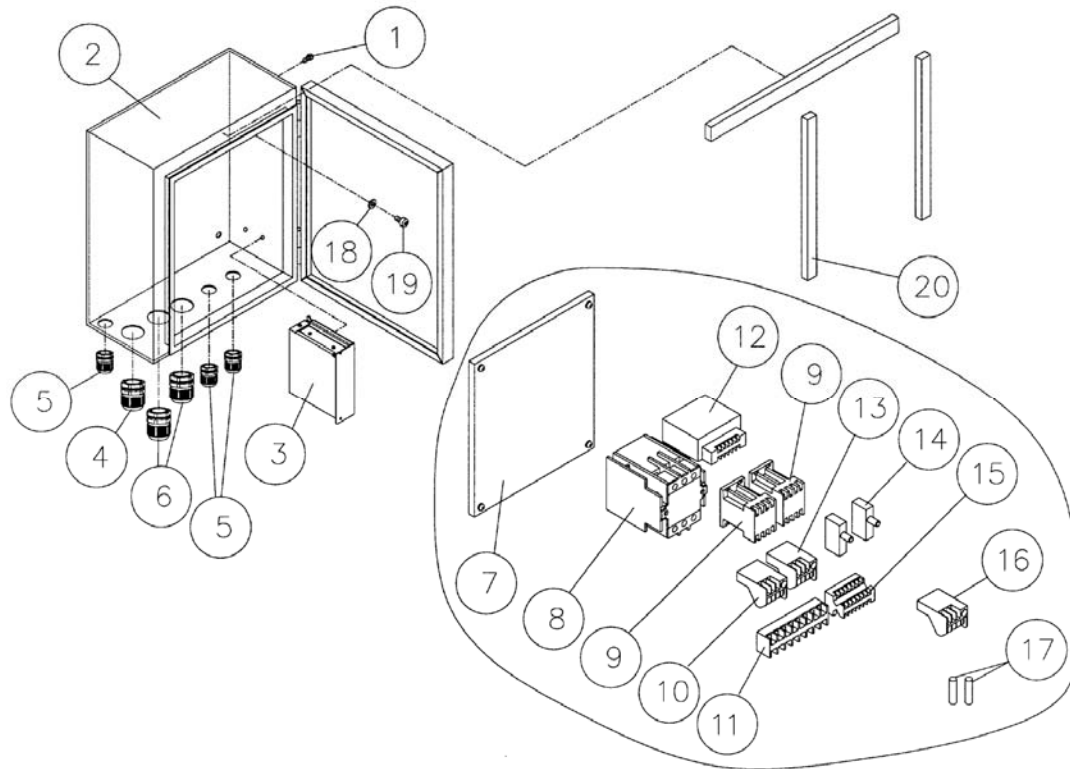
122	VB-A86	V-Belt	A86	3
123	VB-A57	V-Belt	A57	1
	WP2510-PCA	Power Cord Assembly (#124 - #128)		1
124	WP2510-6124	Red Cord		1
125	WP2510-6125	White Cord		1
126	WP2510-6126	Black Cord		1
127	WP2510-6127	Grounding Cord		1
128	WP2510-6128	Casing		1
	WP2510-MCA	Main Motor Cord Assembly (#129 - #133)		1
129	WP2510-6129	Red Cord		1
130	WP2510-6130	White Cord		1
131	WP2510-6131	Black Cord		1
132	WP2510-6132	Grounding Cord		1
133	WP2510-6133	Casing		1
134	WP2510-6134	Junction Box		1

Parts List: Top Cover Assembly



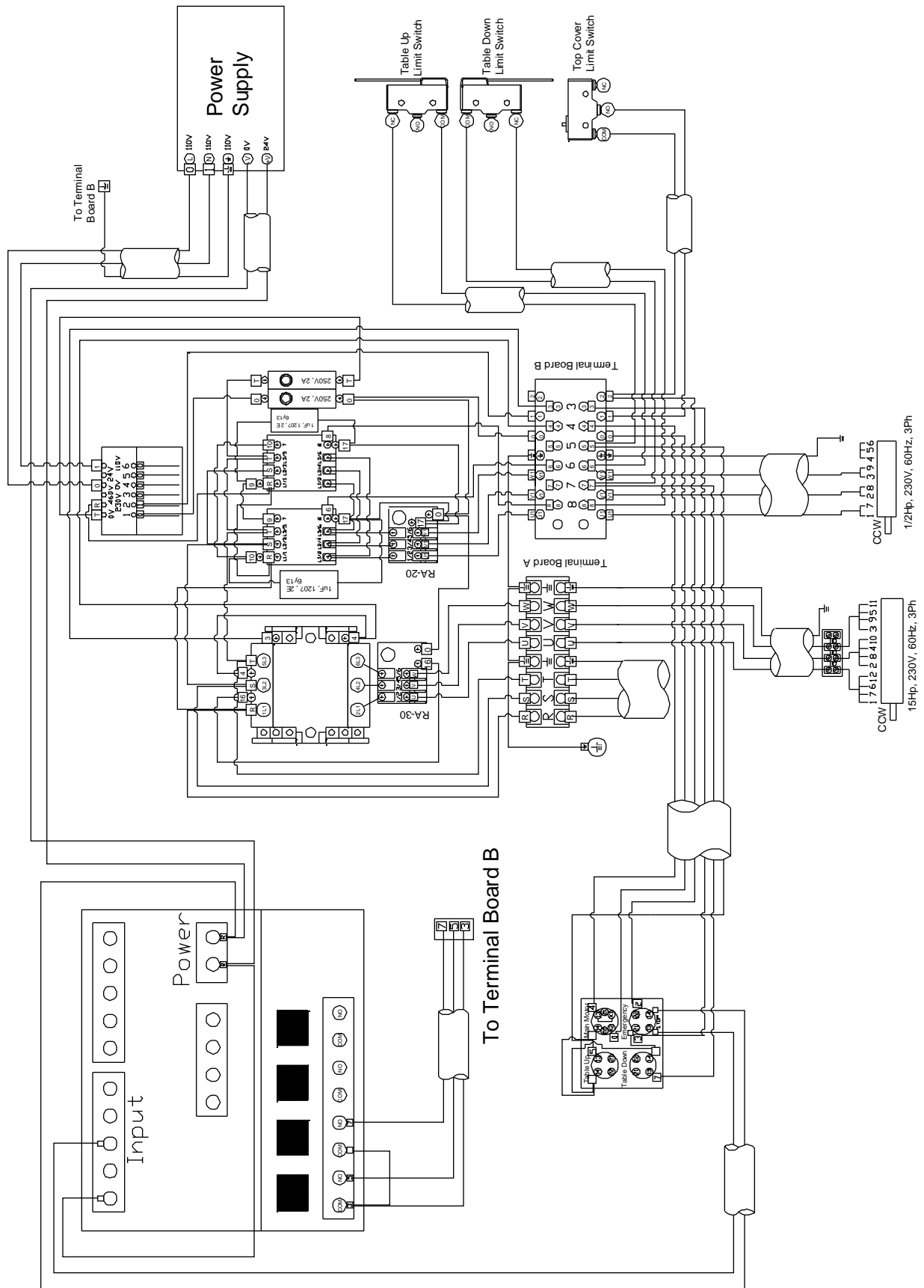
Index No.	Part No.	Description	Size	Qty
1.....	TS-1504061	Socket Head Cap Screw	M8x30	4
2.....	WP2510-302	Hinge		4
3.....	TS-1505111	Socket Head Cap Screw	M10x70	2
4.....	TS-1551061	Lock Washer	M8	6
5.....	TS-1540061	Hex Nut	M8	4
6.....	WP2510-306	Upper Cover		1
7.....	TS-2246122	Button Head Socket Screw	M6x12	19
8.....	WP2510-308	Deflection Plate		1
9.....	WP2510-309	Top Cover		1
10.....	TS-2361061	Lock Washer	M6	19
11.....	TS-1550041	Flat Washer	M6	19
12.....	6012181	Dust Chute		1
13.....	TS-1541041	Nylon Insert Lock Nut	M10	2
14.....	TS-1540031	Hex Nut	M5	4
15.....	TS-1481061	Hex Cap Screw	M5x25	2
16.....	WP2510-316	Pad		2
17.....	6012190	Shoulder Screw		2
18.....	6012189	Handle		1
19.....	TS-1504051	Socket Head Cap Screw	M8x25	2
20.....	TS-1504071	Socket Head Cap Screw	M8x35	4

Parts List: Electrical Box Assembly



Index No.	Part No.	Description	Size	Qty
1.....	TS-1531012	Screw	M3x6	2
2.....	WP2510-702	Electrical Box		1
3.....	WP2510-703	Power Supply		1
4.....	WP2510-704	Strain Relief		1
5.....	WP2510-705	Strain Relief		3
6.....	WP2510-706	Strain Relief		2
.....	WP2610-EBA	Electrical Board Assembly (#7 - #17)		1
7.....	WP2510-707	Electrical Board		1
8.....	WP2510-708	Contactor (for 15HP Motor)		1
9.....	WP2510-709	Contactor (for 1/2HP Motor)		2
10.....	WP2510-710	Overload (for 230V, Big Conductor)	RA-30 (32-50A)	1
11.....	WP2510-711	Terminal Board.....		1
12.....	WP2510-712	Transformer		1
13.....	WP2510-713	Overload (for Small Conductor)	RA-20 (1.6-2.5A)	1
14.....	WP2510-714	Fuse Support Base.....		2
15.....	WP2510-715	Terminal Board.....		1
16.....	WP2510-716	Overload (for 460V, Big Conductor)	RA-30E (18-26A)	1
17.....	WP2510-717	Fuse	250V, 2A	4
18.....	TS-1550041	Flat Washer.....	M6.....	4
19.....	TS-1503031	Socket Head Cap Screw	M6x12.....	4
20.....	WP2510-720	Padding		3

Electrical Connections – 230Volt



Electrical Connections – 460Volt

