



Operating Instructions and Parts Manual

13-inch Portable Thickness Planer

Model JWP-13BT



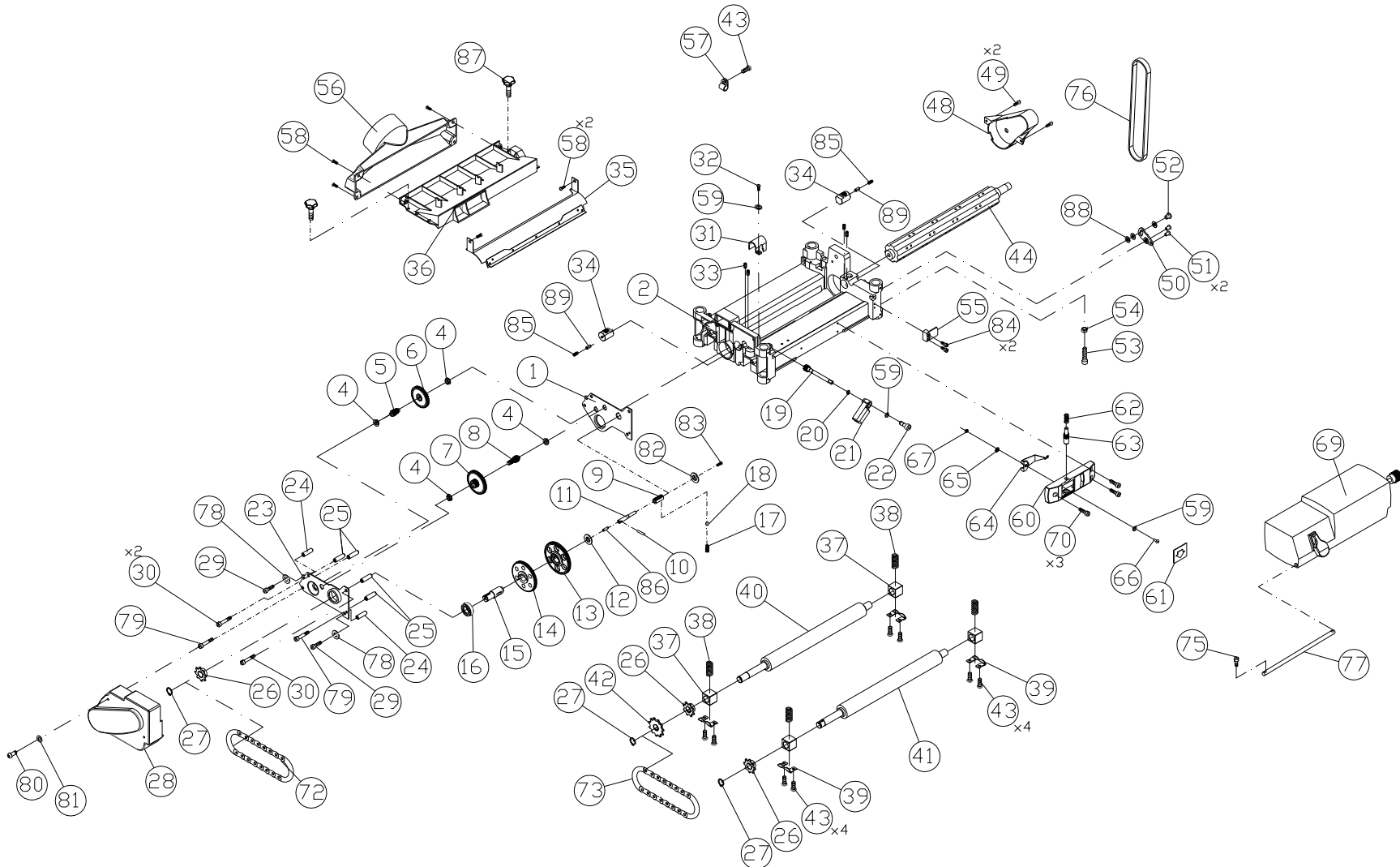
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12.1.2 Base Assembly – Parts List

Index No	Part No	Description	Size	Qty
1	JWP13BT-CHA	Crank Handle Assembly		1
4	TS-1502061	Socket Head Cap Screw	M5-0.8 x 25	1
5	TS-1503091	Socket Head Cap Screw	M6-1.0 x 40	4
6	JWP13BT-106	Top Cover		1
7	JWP13BT-107	Steel Pipe		2
8	JWP13BT-108	Steel Plate		2
9	F001228	Phillips Pan Hd Machine Screw BO	M4-0.7 x 18	4
10	JWP13BT-110	Nylon Set Screw	M5 - 0.8 x 6	9
11	JWP13BT-111	Stop Bushing		1
12	JWP13BT-202	Head		1
13	JWP13BT-113	Leadscrew, Drive Side		1
14	JWP13BT-114	Column		4
15	JWP13BT-115	Side Cover, Right		1
16	JWP13BT-116	Thickness Scale		1
17	JWP13BT-117	Screw		1
18	JWP13BT-118	Cutting Thickness Gauge		1
19	SB-10MM	Steel Ball	10mm	1
20	JWP13BT-120	Spring		1
21	TS-1482071	Hex Cap Screw	M6-1.0 x 35	4
22	TS-2311061	Hex Nut	M6-1.0P	4
23	BB-6000ZZ	Ball Bearing	6000ZZ	2
24	JWP13BT-124	Ball Bearing Cover Plate		2
25	TS-2245102	Socket Head Button Screw	M5-0.8x10	4
26	JWP13BT-126	Sprocket		2
27	TS-1550021	Flat Washer	M4	16
28	JWP13BT-128	Base, Right		1
29	JWP13BT-129	Table Assembly (Includes #29-1 thru 29-5)		1
29-1	JWP13BT-1291	Right Side Bar		1
29-2	F009871	Socket Head Button Screw	M3x10	4
29-3	JWP13BT-1293	Surface Plate		1
29-4	JWP13BT-1294	Table		1
29-5	JWP13BT-1295	Left Side Bar		1
30	JWP13BT-130	Chain		1
31	TS-1505041	Socket Head Cap Screw	M10-1.5x30	4
32	JWP13BT-132	Base, Left		1
33	JWP13BT-133	Side Cover, Left		1
34	JET-92	JET Logo with 3M Adhesive	92x38mm	1
35	JWP13BT-135	Plate		2
	JWP13BT-ETA	Extension Table Assembly (item #27, 36, 37, 41)		
36	JWP13BT-136	Extension Table Support		4
37	JWP13BT-137	Extension Table		2
38	JWP13BT-138	Leadscrew, Driven Side		1
39	JWP13BT-139	Sleeve		4
40	TS-1503051	Socket Head Cap Screw	M6-1.0 x 20	4
41	TS-2244102	Socket Head Button Screw	M4-0.7 x 10	14
42	TS-1503041	Socket Head Cap Screw	M6-1.0 x 16	4
43	JWP13BT-143	Wave Washer	D15x8mmx0.5t	8
44	JWP13BT-144	Bushing		1
45	JWP13BT-145	Resistance Pad		4
46	TS-1550071	Flat Washer	M10	4
47	TS-2361061	Lock Washer	M6	4
48	TS-1550041	Flat Washer	M6	4
49	TS-2244102	Socket Head Button Screw	M4-0.7x10	8
50	JWP13BT-150	Spacer	10mm x19mm	2
51	JWP13BT-151	Spacer	12mm x 25mm	2
52	TS-0733031	External Tooth Lock Washer	#10	1
53	TS-1533032	Phillips Pan Head Machine Screw	M5-0.8x10	1
54	LM000364	ID Label, JWP-13BT (not shown)		1
55	LM000365	Caution Label, Feed Rate (not shown)		1
56	LM000366	Repeat Thickness Limiter Label (not shown)		1

12.2.1 Head Assembly – Exploded View

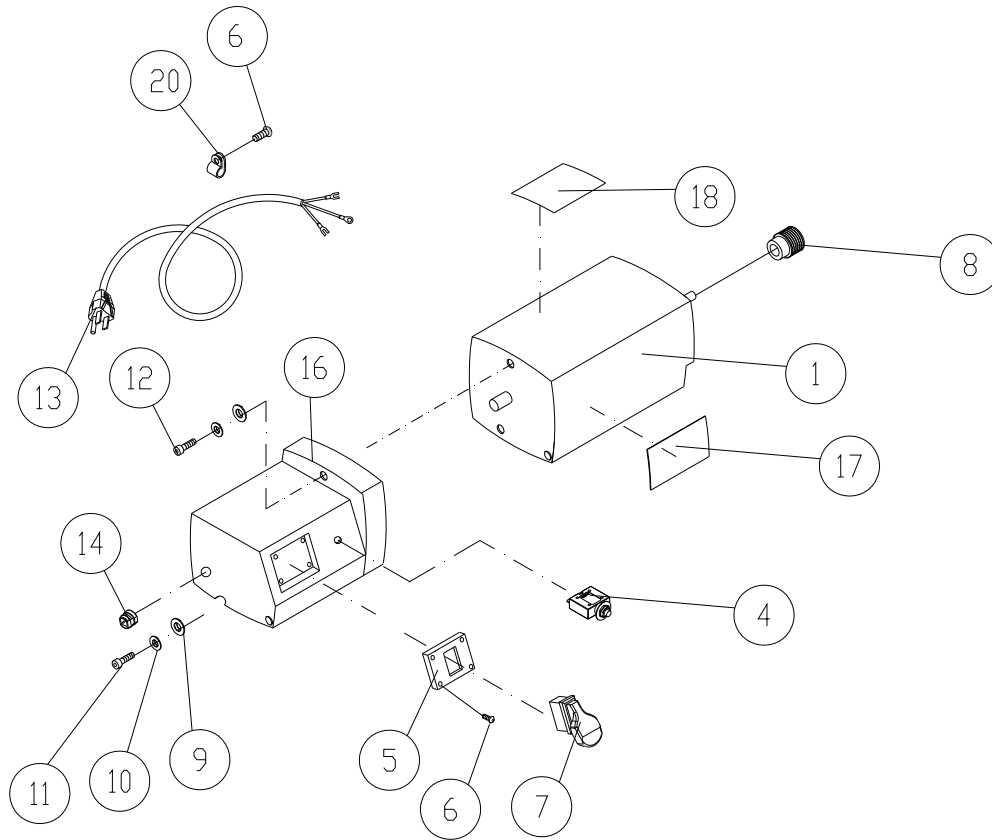


12.2.2 Head Assembly – Parts List

Index No	Part No	Description	Size	Qty
1	JWP13BT-201	Gear Plate (includes #4,12)		1
2	JWP13BT-202	Head		1
4	JWP13BT-204	Spacer		4
5	JWP13BT-205	Gear Shaft (includes #6)	12t	1
6		Gear	52T	1
7	JWP13BT-207	Gear (includes #8)		1
8		Pinion Gear		1
9	JWP13BT-209	Rack		1
10	JWP13BT-210	Pin	Ø10mm	1
11	JWP13BT-211	Shaft-Actuator		1
12	JWP13BT-212	Spacer		1
13	JWP13BT-213	Gear	75 T	1
14	JWP13BT-214	Gear	80 T	1
15	JWP13BT-215	Shaft		1
16	BB-600ZZ	Ball Bearing	BB-6002	1
17	JWP13BT-217	Spring		1
18	SB-8MM	Steel Ball	Ø8mm	1
19	JWP13BT-219	Feed Rate Adjustment Shaft		1
20	JWP13BT-220	S-Ring	S-8	1
21	JWP13BT-221	Feed Rate Selector		1
22	TS-1501051	Socket Head Cap Screw	M4-0.7Px15	1
23	JWP13BT-223	Bracket (includes #4,16)		1
24	JWP13BT-224	Spacer		2
25	JWP13BT-225	Spacer		4
26	JWP13BT-226	Chain Gear	8T	3
27	JWP13BT-227	S-Ring	S-15	3
28	JWP13BT-228	Gear Guard (Includes Sponge)		1
29	TS-1502081	Socket Head Cap Screw	M5-0.8Px35	2
30	TS-1502101	Socket Head Cap Screw	M5-0.8Px45	2
31	JWP13BT-231	Cover		1
32	F009923	Socket Head Button Screw	M4-0.7Px6	1
33	TS-1522021	Set Screw	M5-0.8Px8	4
34	JWP13BT-234	Nut (Includes #85,89)		2
35	JWP13BT-235	Chip Deflector		1
36	JWP13BT-236	Deflector Cover		1
37	JWP13BT-237	Block		4
38	JWP13BT-238	Spring		4
39	JWP13BT-239	Plate		4
40	JWP13BT-240	Outfeed Roller		1
41	JWP13BT-241	Infeed Roller		1
42	JWP13BT-242	Chain	11 t	1
43	TS-2245102	Socket Round Head Screw	M5-0.8Px10	9
44	JWP13BT-CA	Cutterhead Assembly		1
48	JWP13BT-248	Belt Guard		1
49	TS-2244102	Socket Head Button Screw	M4-0.7Px10	2
50	JWP13BT-250	Plate		1
51	TS-2246102	Socket Round Head Screw	M6x10	2
52	TS-2248202	Socket Round Head Screw	M8x20	1
53	TS-1490081	Hex Cap Screw	M8x45	1
54	TS-1540061	Hex Nut	M8	1
55	JWP13BT-255	Cursor		1
56	JWP13BT-256	Dust Chute		1
57	JWP13BT269-20	Cable Clamp		1
58	TS-2245122	Socket Round Head Screw	M5x12	6
	JWP13BT-CDGA	Cutting Depth Gauge Assembly (includes #59-67)		
59	TS-1550021	Flat Washer	M4	4
60	JWP13BT-260	Cutting Depth Gauge		1
61	JWP13BT-261	Arrow Plate		1
62	JWP13BT-262	Spring		1

Index No	Part No	Description	Size	Qty
63	JWP13BT-263	Shaft		1
64	JWP13BT-264	Pointer		1
65	JWP13BT-265	Spacer		1
66	TS-2244102	Socket Head Button Screw	M4-0.7x10	1
67	TS-1540021	Hex Nut	M4-0.7	1
69	JWP13BT-269	Motor Assembly		1
70	TS-1501041	Socket Head Cap Screw	M4-0.7Px12	3
72	JWP13BT-272	Chain	Long	1
73	JWP13BT-273	Chain, Feed Roller	Short	1
75	TS-2245202	Socket Head Button Screw	M5-0.8x20	2
76	JWP13BT-276	Belt	140J-6	1
77	JWP13BT-277	Shaft		1
78	TS-2361051	Lock Washer	M5	2
79	JWP13BT-279	Bolt, Special	45L	2
80	TS-2244102	Socket Head Button Screw	M4-0.7Px10	2
81	TS-1550021	Flat Washer	M4	2
82	TS-1550021	Flat Washer	M4	1
83	F009871	Socket Head Button Screw	M3-0.5x10	1
84	TS-2244202	Socket Head Button Screw	M4-0.7Px20	2
85	TS-0267021	Set Screw	1/4"-20x1/4"	2
86	TS-1521021	Set Screw	M4-0.7Px5	1
87	JWP13BT-287	Knob		2
88	TS-1550061	Flat Washer	M8	2
89	JWP13BT-289	PU Block		2

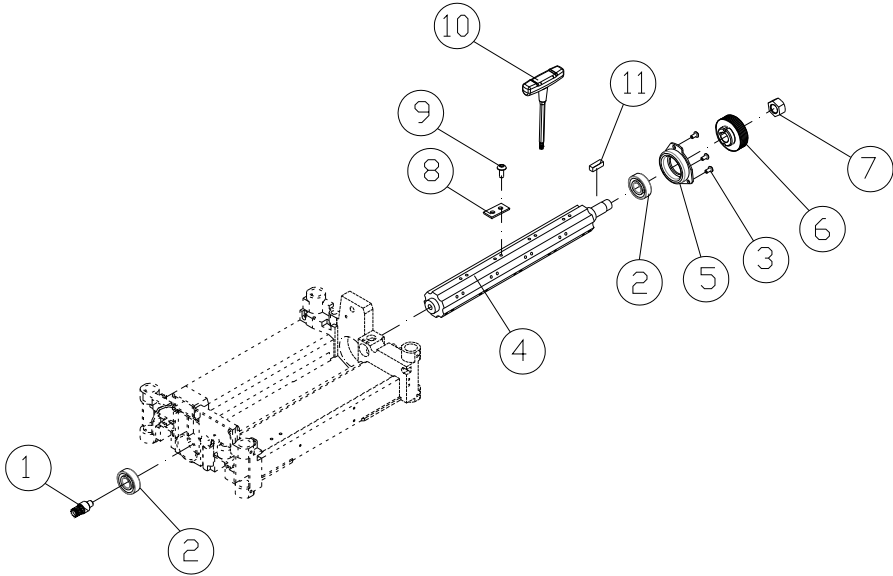
12.3.1 Motor Assembly – Exploded View



12.3.2 Motor Assembly – Parts List

Index No	Part No	Description	Size	Qty
.....	JWP13BT-269	Motor Assembly (includes #1~18)	.....	1
1	JWP13BT269-01	Motor (includes #17,18)	.....	1
2	JWP13BT269-02	Motor Carbon Brush with Cap (not shown)	.....	2
3	JWP13BT269-03	Motor Ground Wire (not shown)	.....	1
4	JWP13BT269-04	Overload Protector Assembly	20A	1
5	JWP13BT269-05	Switch Plate	.....	1
6	JWP13BT269-06	Machine Screw	M5-0.8x12	5
7	JWL1442-118	Switch	.....	1
.....	JWL1442-118-1	Safety Key	.....	1
8	JWP13BT269-08	Motor Pulley	.....	1
9	JWP13BT269-09	Flat Washer	M5	2
10	JWP13BT269-10	Lock Washer	M5	2
11	TS-2245162	Socket Round Head Screw	M5-0.8Px16	1
12	JWP13BT269-12	Machine Screw	M5-0.8Px35	1
13	JWP13BT269-13	Power Cable	.....	1
14	JWP13BT269-14	Strain Relief	6P3-4	1
15	JWP13BT269-15	Wire, Overload to Switch (not shown)	.....	1
16	JWP13BT269-16	Switch Cover, Includes Sponge	.....	1
17	LM000367	Warning Label	.....	1
18	LM000368	Motor Label, JWP-13BT	.....	1
20	JWP13BT269-20	Cable Clamp	.....	1

12.4.1 Cutterhead Assembly – Exploded View



12.4.2 Cutterhead Assembly – Parts List

Index No	Part No	Description	Size	Qty
	JWP13BT-CA	Cutterhead Assembly (includes #1-9,11)		
1	JWP13BT244-01	Shaft Gear	12t	1
2	BB-6203ZZ	Ball Bearing	6203ZZ	2
3	TS-2245102	Socket Head Button Screw	M5-0.8x10	3
4	JWP13BT244-04	Cutterhead		1
5	JWP13BT244-05	Bearing Seat		1
6	JWP13BT244-06	Spindle Pulley		1
7	JWP13BT244-07	Nut (LH)	M16-2.0P	1
8	722131	Knife Insert (set of 10)		26 total
9	JWP13BT244-09	Knife Insert Screw		52
10	JWP13BT244-10	Allen Wrench, T-Handle	3mm	1
11	KF2R5512	Flat Key, Dbl Rd Hd	5x5x12 mm	1