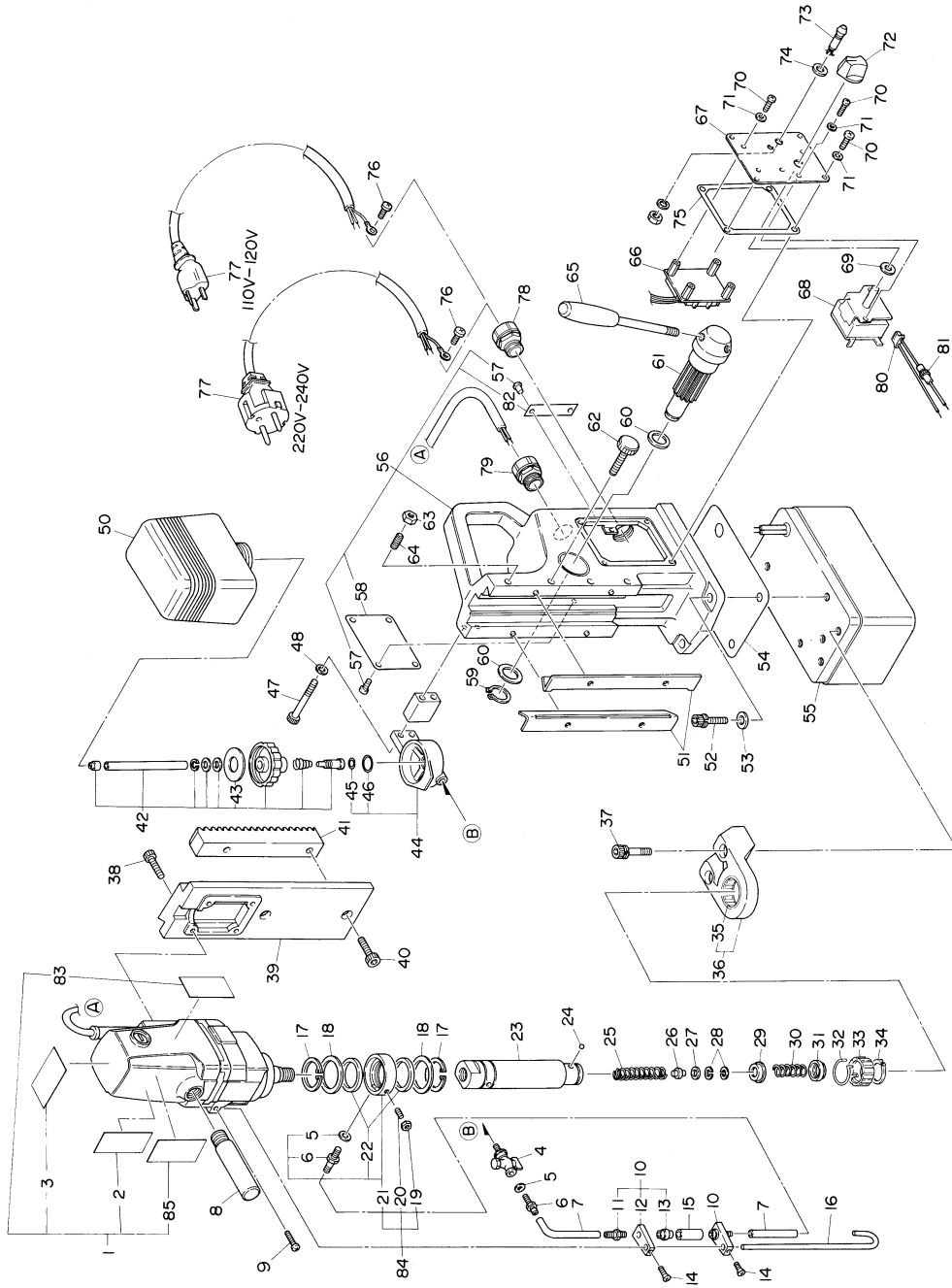


**ATRA ACE AO-3000 ASSEMBLY AND PARTS LIST**



The parts numbers with ( ) are included in the Assy parts written above them.

No.	Part No.	Part Name	Q'ty	Price
1	TB03813	Drill Motor Assy (110-120V)	1 set	
1	TB02567	Drill Motor Assy (220-240V)	1 set	
-	(TB00598)	Carbon Brush Assy	1 set	
2	(TQ05064)	Label Mounting the Cutter	1	
3	(TQ05063)	Label Lubrication	1	
83	(TQ05066)	Label Caution Cutter	1	
85	(TQ05065)	Label Insertion	1	
4	TP14495	P-Valve PT1/8	1	
5	CP21947	Packing S-4.7 x 8 x 0.8	1	
6	TP14500	Hose Nipple	1	
7	TB01098	Tube 4 x 7 x 3000 Assy (150mm)	1 set	
8	TB02534	Side Handle Assy	1 set	
9	TP02638	Pan Head Screw 4 x 12	1	
10	TA99504	Oil Dropper Plate Assy	2 set	
11	(TP15816)	Dropper Nipple	2	
12	(TP15817)	Dropper Plate	2	
13	(TP15818)	Dropper Packing	2	
14	TP02797	Pan Head Screw 4 x 6	2	
15	TP15819	Dropper Pipe	1	
16	TP15156	Oil Ring Stopper	1	
17	TP14969	External Retaining Ring ISTW-38	2	
18	TP12773	Washer 38.5 x 54 x 1	2	
84	TA99694	Oil Ring Sub Assy	1 set	
19	(LP10496)	Hex. Nut M6	1	
20	(TP15983)	Hex. Socket Set Screw With Cup Point 6 x 30		
21	TB00496	Oil Ring Sub Assy	1 set	
5	(CP21947)	Packing S-4.7 x 8 x 0.8	1	
6	(TP14500)	Hose Nipple	1	
22	(TP14499)	Oil Seal GD 38 x 48 x 4	2	
23	TQ03374	Arbor Body	1	
24	TB01672	Ball 5/16 Assy	1 set	
25	TQ00669	Spring 1.6 x 16.2 x 87	1	
26	TQ01895	Pilot Spacer	1	
27	TP15848	Spacer 10.5 x 19 x 5	1	
28	TP13905	Internal Retaining Ring RTW-19	2	
29	TB01348	Washer Assy	1 set	
30	TQ01898	Spring 0.8 x 12 x 31	1	
31	TB01349	Push Ring Assy	1 set	
32	TQ01896	Rotating Spring	1	
33	TQ01897	Sleeve	1	
34	TP15239	External Retaining Ring C-28	1	

No.	Part No.	Part Name	Q'ty	Price
35	TB02696	Bracket Assy	1 set	
36	(TQ03444)	Needle Bearing B-2410	1	
37	TQ03345	Hex. Socket Head Cap Screw 8 x 25 With Spring Washer	3	
38	TP08013	Hex. Socket Head Cap Screw 5 x 25	4	
39	TQ03379	Slide Borad	1	
40	TP07118	Hex. Socket Head Cap Screw 6 x 16	2	
41	TQ02496	Rack	1	
42	TB00516	Cap Assy	1 set	
43	(TQ00701)	Packing Cap	1	
44	TB01380	Oil Tank Bracket Sub Assy	1 set	
45	(TP11994)	O-Ring P-4	1	
46	(CP20180)	O-Ring P-18	1	
47	TP05903	Hex. Socket Head Cap Screw 6 x 60	2	
48	TP00092	Washer M6	2	
49	TQ03118	Spacer Tank Bracket	1	
50	TQ00702	Oil Tank	1	
51	TP15103	Slide Plate	2	
52	TQ03344	Hex. Socket Head Cap Screw 8 x 20 With Spring Washer	3	
53	TP00046	Washer M8	3	
54	TQ01333	Packing Pole	1	
55	TB02584	Square Pole Assy (110-120V)	1 set	
55	TB02562	Square Pole Assy (220-240V)	1 set	
56	TB04419	Body Sub Assy	1 set	
57	(TP05136)	Drive Rivet No.2 x 4.8	6	
58	(TQ05806)	Plate Warning	1	
82	(TP04769)	Plate Serial Number	1	
59	TP02539	External Retaining Ring G-14	1	
60	TP05463	Pinion Washer	2	
61	TQ01542	Pinion Shaft	1	
62	TP02931	Setscrew	1	
63	TP02936	Hex. Nut M5	3	
64	TP04519	Hex. Socket Set Screw with Dog Point 5 x 18	6	
65	TQ01681	Rod Handle	3	
66	TB02619	Control Board Assy (110-120V)	1 set	
66	TB02580	Control Board Assy (220-240V)	1 set	
67	TQ03380	Circuit Board (110-120V)	1	

No.	Part No.	Part Name	Q'ty	Price
67	TQ03380	Circuit Board (220-240V)	1	
68	TB02579	Switch Assy	1 set	
69	TQ01331	Seal Washer M6	1	
70	TP02618	Pan Head Screw 4 x 8	10	
71	TQ00258	Seal Washer M4	10	
72	TP12781	Knob MY-30	1	
73	TB02405	Lamp Assy	1 set	
74	TQ03130	Seal Washer M8	1	
75	TQ03381	Packing Body	1	
76	LP08489	Binding Head Screw 4 x 6	1	
77	TB02115	Power Cord Ass'y (110-120V)	1 set	
77	TB01132	Power Cord Ass'y (220-240V)	1 set	
78	TP13889	Cable Connector SC4-3(110-120V)	1	
78	TQ01838	Cable Connector SC4-1(220-240V)	1	
79	TP13889	Cable Connector SC4-3	1	
80	TB02459	Cord Assy with Fuse	1 set	
81	(TQ03229)	Fuse 2A 250V	1	

**ACCESSORIES**

No.	Part No.	Part Name	Q'ty	Price
	TP04305	Hex. Socket Screw Key 2.5	1	
	TP04004	Hex. Socket Screw Key 5	1	
	TP14091	Spanner 7 x 8	1	
	TJ15859	Pilot Pin 08035 (A2)	1	
	TA99027	Chain Assy	1 set	
	TQ05810	Instruction Manual	1	