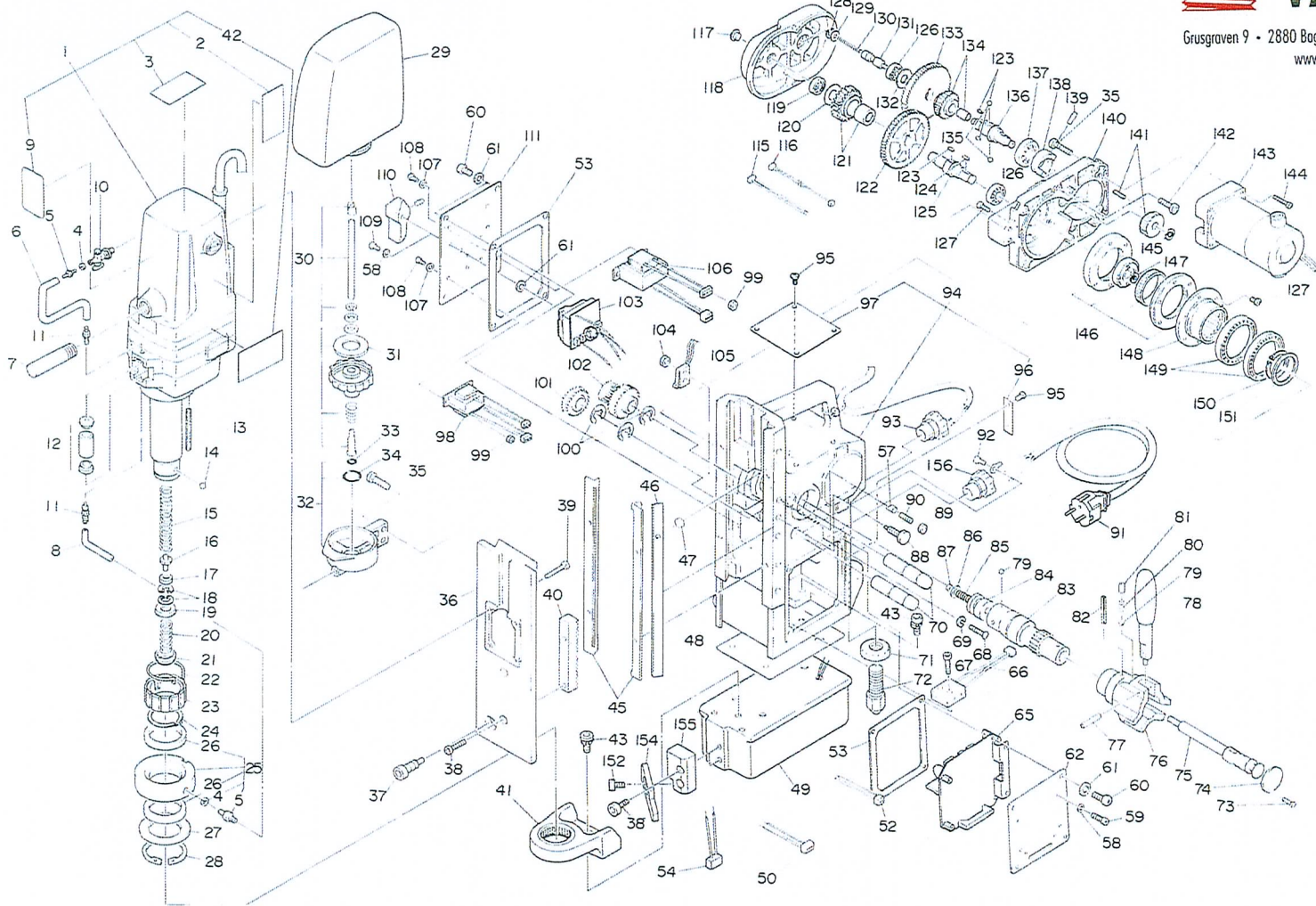


ATRA ACE QA-4000 (220-240V) ASSEMBLY AND PARTS LIST



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The parts numbers with () are included in the Ass'y parts written above them.

No.	Part No.	Part Name	Q'ty	Price
1	TB04075	Drill Motor Sub Ass'y B	1 set	
-	(TB00598)	Carbon Brush Ass'y	1 set	
2	TQ05065	Label insertion	1	
3	(TQ05066)	Label Caution Cutter	1	
9	(TQ05064)	Label mounting the Cutter	1	
42	(TQ05063)	Label lubrication	1	
4	CP21947	Packing S-4.7X8X0.8	2	
5	TP14500	Hose Nipple	2	
6	TB01098	Tube 4X7X3000 Ass'y	1 set	
7	TB02534	Side Handle Ass'y	1 set	
8	TB01098	Tube 4X7X3000 Ass'y	1 set	
10	TP14495	P-Valve PT1/8	1	
11	TQ00672	Dropper Nipple	2	
12	TB00503	Oil Dropper Ass'y	1 set	
13	TP03261	Spring Pin 4X26AW	1	
14	TB01672	Ball 5/16 Ass'y	1 set	
15	TP15998	Spring 1.6X16.2X120	1	
16	TQ01895	Pilot Spacer	1	
17	TP15848	Spacer 10.5X19X5	1	
18	TP13905	Internal Retaining Ring RTW19	2	
19	TB01348	Washer Ass'y	1 set	
20	TQ01898	Spring 0.8X12X31	1	
21	TB01349	Push Ring Ass'y	1 set	
22	TQ01896	Rotating Spring	1	
23	TP01897	Sleeve	1	
24	TP15239	External Retaining Ring C-28	1	
25	TB00713	Oil Ring Ass'y	1 set	
26	(TP14499)	Oil Seal GD 38X48X4	2	
27	TP12773	Washer 38.5X54X1	1	
28	TP14969	External Retaining Ring ISTW-38	1	
29	TQ04779	Oil Tank	1	
30	TB03785	Cap Ass'y	1 set	
31	(TQ00701)	Packing Cap	1	
32	TB01380	Oil Tank Bracket Sub Ass'y	1 set	
33	(TP11994)	O-Ring P-4	1	
34	(CP20180)	O-Ring P-18	1	
35	TP03086	Hex. Socket Head Cap Screw 6X20	6	
36	TQ01899	Slide Board	1	
37	TP14717	Hex. Socket Head Cap Screw 10X20	1	
38	TP14718	Hex. Socket Head Cap Screw 6X10	2	
39	TP08013	Hex. Socket Head Cap Screw 5X25	4	
40	TP15111	Rack	1	
41	TB02694	Bracket Ass'y	1 set	
43	TQ03344	Hex. Socket Head Cap Screw 8X20 with Spring Washer	6	
45	TP12777	Slide Plate	2	
46	TQ01905	Gib	1	
47	TQ00394	Seal Bushing	1	
48	TQ01928	Packing Pole	1	
49	TB02687	Square Pole Ass'y	1 set	
50	TB00578	H Cord Ass'y	1 set	
52	TB00577	F Cord Ass'y	1 set	
53	TQ01933	Packing Body	2	
57	TQ04783	Supporter	5	
58	TQ00258	Seal Washer M4	6	
59	TQ01526	Pan Head Screw 4X10	4	
60	TP02419	Pan Head Screw 6X10	8	

No.	Part No.	Part Name	Q'ty	Price
61	TQ01331	Seal Washer M6	9	
62	TQ06040	Circuit Board	1	
65	TD05291	Spare Control Board Ass'y	1 set	
66	TB01363	Side Slip Detection Function Ass'y	1 set	
67	TP14471	Hex. Socket Head Cap Screw 4X20	2	
68	FS00315	Pan Head Screw 2X20	2	
69	TQ00729	Spring Washer M2	2	
70	TQ00707	Shaft	2	
71	TP03914	Hex. Nut Type3 M16	1	
72	TQ01954	Stabilizer Shaft	1	
73	TP08598	Pan Head Screw 3X5	3	
74	TQ00844	Plate Automatic Feeder	1	
75	TQ01903	Inner Shaft	1	
76	TQ01901	Handle Stem	1	
77	TP12821	Spring Pin 5X26AW Double	3	
78	TQ00680	Rod Handle	3	
79	CP01123	Ball 3/16	7	
80	TP06396	Spring	3	
81	TP06397	Hex. Socket Set Screw with Cup Point 6X8	3	
82	TP13891	Spring Pin 5X38AW Double	1	
83	TQ01902	Clutch Shaft	1	
84	TQ01904	Clutch Ring	1	
85	TQ00682	Spring 1.2X8X17	1	
86	TP00092	Washer M6	1	
87	TQ00683	Grip Ring GS-6	1	
88	TP02931	Set Screw	1	
89	TP07419	Hex. Nut Type3 M6	5	
90	TQ04781	Hex. Socket Set Screw 6X14	5	
91	TB01286	Cable Ass'y	1 set	
92	LP08489	Bind Screw 4X6	1	
93	TP13889	Cable Connector SC4-3	1	
156	TQ01838	Cable Connector SC4-1	1	
94	TB04377	Body Sub Ass'y A	1 set	
95	(TP05136)	Drive Rivet No. 2X4.8	6	
96	(TP04769)	Plate Serial Number	1	
97	(TQ05610)	Plate WARNING	1	
98	TB03968	Transformer Sensor Ass'y	1 set	
99	TP00067	Hex. Nut M3	3	
100	TP04126	Retaining Ring E-12	3	
101	TQ00708	Spur Gear 24M1.5	1	
102	TQ00706	Spur Gear 16X24	1	
103	TB03702	Switch Ass'y	1 set	
104	TP02627	Hex. Nut M2	2	
105	TQ00703	Limit Switch DC3A-D3RB	1	
106	TB03967	Transformer Power Supply Ass'y	1 set	
107	TQ01330	Seal Washer M3	3	
108	TP00056	Pan Head Screw 3X6	3	
109	TP12819	Pan Head Screw 4X6	2	
110	TB01381	Switch Knob Ass'y	1 set	
111	TQ05061	Switch Plate	1	
115	TB00573	D Cord Ass'y	1 set	
116	TB03809	M-M Cord Ass'y	1 set	
117	TQ01962	Collar Cap K-100 16CSBL	1	
118	TQ01910	Gear Box Cover	1	
119	TQ01924	Ball Bearing 688ZZ	1	
120	TQ01926	Washer 10.2X20X0.6	1	

No.	Part No.	Part Name	Q'ty	Price
121	TB01360	Spur Gear 30 M1 Ass'y	1 set	
122	TQ02435	Spur Gear 70 M1 B	1	
123	TQ01913	Parallel Key 4X4X7 Both ends round	2	
124	TQ01030	Parallel Key 3X3X10 Both ends round	1	
125	TQ01923	Gear Shaft B	1	
126	TQ01916	Ball Bearing 6801ZZ	2	
127	TP04715	Hex. Socket Head Cap Screw 4X8	12	
128	TQ01920	Internal Retaining Ring RTW-9	1	
129	TQ01912	Spring Stopper	1	
130	TQ01911	Spring 0.6X3X35	1	
131	TQ01919	Spur	1	
132	TQ01963	Washer 14.5X25X0.6	1	
133	TQ02434	Spur Gear 70M1A	1	
134	TB01358	Clutch Gear Sub Ass'y	1 set	
135	TP15428	Ball 5/8	2	
136	TQ01915	Gear Shaft A	1	
137	TQ01917	Ball Bearing 6803ZZ	1	
138	TQ01918	Shift Ring	1	
139	TQ01960	Roll Pin 4X22	1	
140	TQ01909	Gear Box	1	
141	TB01356	Spur Gear 41 Ass'y	1 set	
142	TP04197	Hex. Socket Head Cap Screw 6X30	2	
143	TB02325	Motor Ass'y	1 set	
-	(TB00599)	Carbon Brush Ass'y (Feed Motor)	1 set	
144	TP18619	Hex. Socket Head Cap Screw 4X30	4	
145	TQ01961	Grip Ring GS-8	1	
146	TB00510	Harmonic Ass'y	1 set	
147	TP12328	External Retaining Ring STW-9	1	
148	TQ01952	Clutch	1	
149	TQ00725	Ball Bearing 6809ZZ	2	
150	TP17384	External Retaining Ring C-32	1	
151	TP14412	Retainer Stopper	1	
152	TP01945	Hex. Socket Head Cap Screw 5X12	1	
154	TQ04949	Blade	1	
155	TQ04950	Blade base	1	

ACCESSORIES

No.	Part No.	Part Name	Q'ty	Price
	TP04696	Hex. Socket Screw Key 3	1	
	TP01939	Hex. Socket Screw Key 4	1	
	TP17014	Spanner 8X10	1	
	TJ15859	Pilot Pin 08035	1	
	TA99027	Chain Ass'y	1 set	
	TB02145	Cutting Oil 0.5L Ass'y	1 set	
	TQ05612	Instruction Manual	1	
	TP10198	Tool Box 285X125X62	1	
	TQ03060	Label Combination	1	