

ATRAACE Manual feed Model **AO-5575A****Max. 55 mm dia.****X****75 L****LIGHT WEIGHT****17.5 kg**

***The world's first manual feed
with "Smart-Stop /
Rapid-Restart" technology***

Portable Magnetic Base Drilling Machine

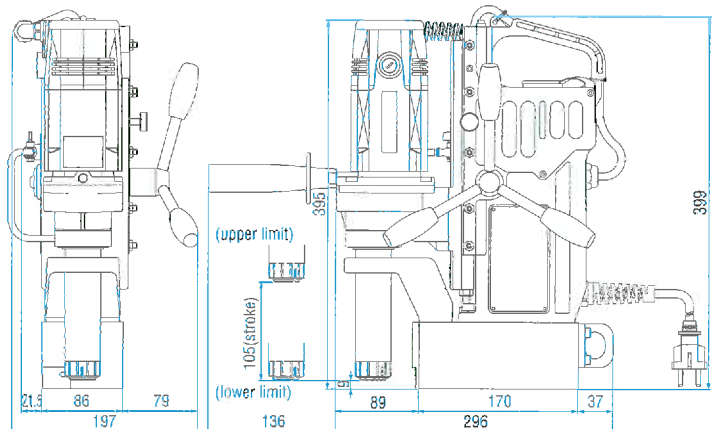
ATRAACE



Specifications

Model		AO-5575A	
Power Source (Single Phase)		220 - 240 V AC, 50/60 Hz	
Electric Drill	Rated Power Consumption	W	950
	Rated Current	A	4.3
	No-load Speed	min ⁻¹ (rpm)	520
Magnet Power Consumption		W	50
Hole Capacity	Cutter	Hole Diameter	Plate Thickness
mm	One-touch Type JETBROACH 25L	12 to 17	9 to 25
	One-touch Type JETBROACH 35L	17.5 to 40	9 to 35
	One-touch Type JETBROACH 50L	12 to 55	9 to 50
	One-touch Type JETBROACH 75L	17.5 to 55	9 to 75
	One-touch Type HI-BROACH 25L	12 to 50	9 to 25
	One-touch Type HI-BROACH 50L	12 to 50	9 to 50
Magnet Holding Power		N(kgf)	10000 (1020)
Magnet Dimensions		mm	86 x 170
Power Cord Length		m	3
Mass (Weight)		kg	17.5
Accessories Included		<ul style="list-style-type: none"> • Pilot Pin 08050 • 3 mm Hex. Socket Screw Key • 5 mm Hex. Socket Screw Key • 8 x 10 mm Spanner • Cutting Oil 0.5L • Sub Handle • Chain • Guard 	

Dimensions



(Unit: mm)

Features

Reversible Feed Handle



The feed handle can be positioned on the right or left hand side for ease of drilling.

One-Touch Cutter Replacement

Mounting the cutter



Removing the cutter



Replacement is quick and easy with our exclusive self-centering cutter system.

Built-in coolant tank prevents damage



Chip Breaker (Optional)

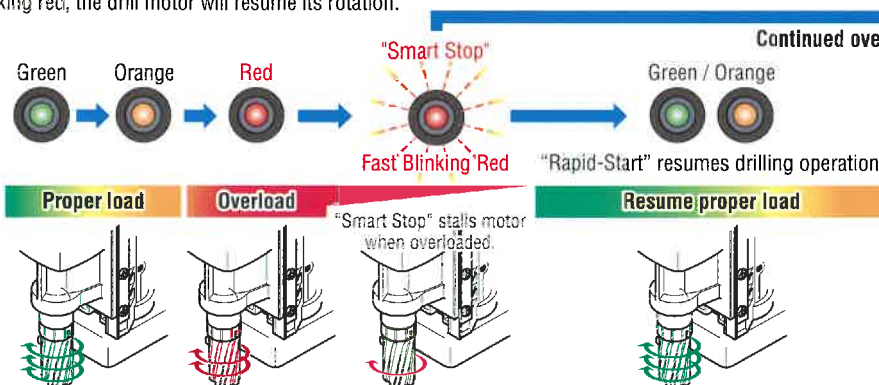
This chip breaker prevents the cutter from becoming jammed with metal shavings.

Coolant Valve

Adjustable coolant flow delivered to the center of the cutter.

LED load indicator

As the drilling load increases, the load indicator will change in color from green to orange to red. In addition, if excessive feeding force is applied, the load indicator will rapidly blink red and the rotation of the drill motor will slow down and temporarily stop. If the load is released while the load indicator is blinking red, the drill motor will resume its rotation.



Safety mode



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Specifications and designs are subject to change at any time without notice.



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JETBROACH CUTTERS & HI-BROACH CUTTERS

BROACH CUTTERS are far better than twist drills

- No dead point
- Peripheral cutting
- Dramatically reduce cutting resistance
- Available diameter size: 12 - 100 mm

Test Drilling is very often the only way to determine the machinability of difficult materials.
Use a small size cutter wherever possible in order to minimize trial costs.



Specifications

		HI-BROACH One-touch Type/25L	HI-BROACH One-touch Type/50L	JETBROACH One-touch Type/25,35,50L	JETBROACH One-touch Type/50L(W)	JETBROACH One-touch Type/75L	JETBROACH Side lock Type/75L
Hole Capacity mm	Hole Diameter	25L: 12 - 52 dia.	-	25L: 12 - 17 dia	-	-	-
		-	-	35L: 17.5 - 40 dia.	-	-	-
		-	50L: 12 - 52 dia.	50L: 12 - 65 dia.	50L(W): 18, 22, 24 - 26.5, 28, 32, and 35 dia.	-	-
		-	-	-	75L: 17.5 - 55 dia.	75L: 50 - 100 dia.	
	Plate Thickness	25L: 25	-	25L: 25	-	-	-
		-	-	35L: 35	-	-	-
		-	50L: 50	50L: 50	50L(W): 50	-	-
		-	-	-	-	75L: 75	75L: 75
Feed Speed mm/rev		0.02 - 0.1					
Circumferential Speed m/min		15 - 35 (mild steel)		35 - 50 (mild steel)			

HI-BROACH One-touch Type		ARA-100A	WA-3500	WA-5000	AO-5575A	QA-4000	QA-6500	Pilot Pin
Depth	mm dia. PN							
25 mm	12 TK00698							06025
	13 TK00699							
	14 TK00700							
	15 TK00701							
	16 TK00702							
	17 TK00703							
	17.5 TK01391							
	18 TK01392							
	19 TK01393							
	19.5 TK01394							
	20 TK01395							
	21 TK01396							
	21.5 TK01397							
	22 TK01398							
	22.5 TK01399							
	23 TK01400							
	23.5 TK01401							08025
	24 TK01402							
	24.5 TK01403							
	25 TK01404							
	26 TK01405							
	27 TK01407							
	28 TK01408							
	29 TK01409							
	30 TK01410							
	31 TK01411							
	32 TK01412							
	33 TK01413							
	34 TK01414							
	35 TK01415							
	36 TK01416							
	37 TK01417							
	38 TK01418							
	39 TK01419							
	40 TK01420							
	41 TK01421							
	42 TK01422							
	43 TK01423							
	44 TK01424							
	45 TK01425							
	46 TK01426							
	47 TK01427							
	48 TK01428							
	49 TK01429							
	50 TK01430							
	51 TK01431							
	52 TK01432							

HI-BROACH One-touch Type		ARA-100A	WA-5000	AO-5575A	Pilot Pin
Depth	mm dia. PN				
50 mm	12 TK00721				06050
	13 TK00722				
	14 TK00723				
	15 TK00724				
	16 TK00725				
	17 TK00726				
	18 TK00727				
	19 TK00728				
	20 TK00729				
	21 TK00730				
	22 TK00731				
	23 TK00732				
	24 TK00733				
	25 TK00734				
	26 TK00735				
	27 TK00736				
	28 TK00737				08050
	29 TK00738				
	30 TK00739				
	31 TK00740				
	32 TK00741				
	33 TK00742				
	34 TK00743				
	35 TK00744				
	36 TK00745				
	37 TK00746				
	38 TK00747				
	39 TK00748				
	40 TK00749				
	41 TK00750				
	42 TK00751				
	43 TK00752				
	44 TK00753				
	45 TK00754				
	46 TK00755				
	47 TK00756				
	48 TK00757				
	49 TK00758				
	50 TK00759				
	51 TK00760				
	52 TK00761				

JETBROACH One-touch Type		ARA-100A	LO-3550	WA-3500	WA-5000	WOJ-3200	AO-5575A	QA-4000	QA-6500	Pilot Pin
Depth	mm dia. PN									
25 mm	12 TK01148									06025
	13 TK01149									
	14 TK01150									
	15 TK01151									
	16 TK01152									
	17 TK01153									
	17.5 TK01249									
	18 TK01250									
35 mm	18.5 TK01251									08035
	19 TK01252									
	19.5 TK01253									
	20 TK01254									
	20.5 TK01255									
	21 TK01256									
	21.5 TK01257									
	22 TK01258									
	22.5 TK01259									
	23 TK01260									
	23.5 TK01261									
	24 TK01262									
	24.5 TK01263									
	25 TK01264									
	25.5 TK01265									
	26 TK01266									
	26.5 TK01267									
	27 TK01268									
	28 TK01269									
	29 TK01270									
	30 TK01271									
	31 TK01272									
	32 TK01273									
	33 TK01274									
	34 TK01275									
	35 TK01276									
	36 TK01277									
	37 TK01278									
	38 TK01279									
	39 TK01280									
	40 TK01281									

Sales Unit: 1 Piece

BORING

JETBROACH One-touch Type			ARA-100A	LO-3550	WA-3500	WA-5000	WOJ-3200	AO-5575A	QA-6500	Pilot Pin
Depth	mm	dia.	PN							
12	TK01154									
13	TK01155									
14	TK01156									
15	TK01157									
16	TK01158									
17	TK01159									
17.5	TK01282									
18	TK01283									
19	TK01284									
19.5	TK01285									
20	TK01286									
20.5	TK01287									
21	TK01288									
21.5	TK01289									
22	TK01290									
22.5	TK01291									
23	TK01292									
23.5	TK01293									
24	TK01294									
24.5	TK01295									
25	TK01296									
25.5	TK01297									
26	TK01298									
26.5	TK01299									
27	TK01300									
28	TK01301									
29	TK01302									
30	TK01303									
31	TK01304									
32	TK01305									
33	TK01306									
34	TK01307									
35	TK01308									
36	TK01309									
37	TK01310									
38	TK01311									
39	TK01312									
40	TK01313									
41	TK01314									
42	TK01315									
43	TK01316									
44	TK01317									
45	TK01318									
46	TK01319									
47	TK01320									
48	TK01321									
49	TK01322									
50	TK01323									
51	TK01324									
52	TK01325									
53	TK01326									
54	TK01327									
55	TK01328									
56	TK01329									
57	TK01330									
58	TK01331									
59	TK01332									
60	TK01333									
61	TK01334									
62	TK01335									
63	TK01336									
64	TK01337									
65	TK01338									

JETBROACH One-touch Type 50L(W) for stacked plates			ARA-100A	LO-3550	WOJ-3200	AO-5575A	Pilot Pin
Depth	mm	dia.	PN				
18	TK01068						
22	TK00622						
24	TK00623						
24.5	TK00631						
25	TK00624						
26	TK00625						
26.5	TK00632						
28	TK00626						
32	TK00627						
35	TK00628						

JETBROACH One-touch Type			ARA-100A	WA-5000	AO-5575A	Pilot Pin
Depth	mm	dia.	PN			
17.5	TK01350					
18	TK01351					
19	TK01352					
20	TK01353					
21	TK01354					
22	TK01355					
23	TK01356					
24	TK01357					
24.5	TK01358					
25	TK01359					
26	TK01360					
26.5	TK01361					
27	TK01362					
28	TK01363					
29	TK01364					
30	TK01365					
31	TK01366					
32	TK01367					
33	TK01368					
34	TK01369					
35	TK01370					
36	TK01371					
37	TK01372					
38	TK01373					
39	TK01374					
40	TK01375					
41	TK01376					
42	TK01377					
43	TK01378					
44	TK01379					
45	TK01380					
46	TK01381					
47	TK01382					
48	TK01383					
49	TK01384					
50	TK01385					
51	TK01386					
52	TK01387					
53	TK01388					
54	TK01389					
55	TK01390					

JETBROACH Side-lock Type			ARA-100A	Pilot Pin
Depth	mm	dia.	PN	
50	TK01433			
51	TK01434			
52	TK01435			
53	TK01436			
54	TK01437			
55	TK01438			
56	TK01439			
57	TK01440			
58	TK01441			
59	TK01442			
60	TK01443			
61	TK01444			
62	TK01445			
63	TK01446			
64	TK01447			
65	TK01448			
66	TK01449			
67	TK01450			
68	TK01451			
69	TK01452			
70	TK01453			
71	TK01454			
72	TK01455			
73	TK01456			
74	TK01457			
75	TK01458			
76	TK01459			
77	TK01460			
78	TK01461			
79	TK01462			
80	TK01463			
81	TK01464			
82	TK01465			
83	TK01466			
84	TK01467			
85	TK01468			
86	TK01469			
87	TK01470			
88	TK01471			
89	TK01472			
90	TK01473			
91	TK01474			
92	TK01475			
93	TK01476			
94	TK01477			
95	TK01478			
96	TK01479			
97	TK01480			
98	TK01481			
99	TK01482			
100	TK01483			

Pilot Pin		PN : TK01167
06025		
08025		
06050		
08050		
08035		
08075		
12075		

Sales Unit: 1 Piece



BROACH HOLDERS

Industrial cutters for faster and better finished holes

- The Spring-loaded pilot pin picks up the hole location quickly, and ejects the slug automatically at the end of cut
- Available with No. 2 to 4 Morse taper shanks
- Oil Cup Complete Ass'y (PN TB00350) is available as an optional attachment which provides continuous and adjustable cutting oil flow to the cutting area



Specifications		M.T.No.3							M.T.No.4
Morse Taper No.	M.T.No.2	BHM-03050							BHM-13075
Model	BHM-02035	TB00392							BHM-14075
PN	TB00390	TB00352							TB00354
Cutter	HBO-25L	JBO-35L	HBO-25L	HBO-50L	JBO-35L	JBO-50L	JBO-50L(W)	JBS-75L	
Cutter Diameter	12 - 17 dia.	17.5 - 35 dia.	17.5 - 40 dia.	12 - 17 dia.	17.5 - 52 dia.	12 - 18 dia.	19 - 52 dia.	17.5 - 40 dia.	18 - 35 dia.
Pilot Pin	06025	08025	08035	06025	08025	06050	08050	08035	08050
	Optional	Included	Optional	Included	Optional	Included	Optional	Included	Included

HBO: HI-BROACH One-touch Type

JBO: JETBROACH One-touch Type

JBS: JETBROACH Side-lock Type