

ATRAACE auto Model WA-4000 / WA-5500

Improves efficiency in drilling work

JETBROACH One-touch Type					JETBROACH One-touch Type					JETBROACH One-touch Type					HI-BROACH One-touch Type					HI-BROACH One-touch Type																								
Depth	mm dia.	PN	WA-4000	WA-5500	Pilot Pin	Depth	mm dia.	PN	WA-4000	WA-5500	Pilot Pin	Depth	mm dia.	PN	WA-4000	WA-5500	Pilot Pin	Depth	mm dia.	PN	WA-4000	WA-5500	Pilot Pin	Depth	mm dia.	PN	WA-4000	WA-5500	Pilot Pin															
25 mm	12	TK01148	●	●	06025	18	TK01283	●	●*1	06025	17.5	TK01350	●	●*1	06025	14	TK00700	●	06025	14	TK00723	●	06050	15	TK00724	●	06050	16	TK00725	●	06050													
	13	TK01149	●	●		19	TK01284	●	●*1		18	TK01351	●	●*1		15	TK00701	●		●	16	TK00726		●	●*1	17		TK00727	●	●*1		18	TK00728	●	●*1	19	TK00729	●	●					
	14	TK01150	●	●		20	TK01285	●	●*1		19	TK01352	●	●*1		16	TK00702	●		●	17	TK00727		●	●*1	18		TK00728	●	●*1		19	TK00729	●	●	20	TK00730	●	●					
	15	TK01151	●	●		21	TK01286	●	●		20	TK01353	●	●		17	TK00703	●		●	18	TK01391		●	●	19		TK01392	●	●		20	TK00731	●	●	21	TK00732	●	●	22	TK00733	●	●	
	16	TK01152	●	●		20.5	TK01287	●	●		21	TK01354	●	●		17.5	TK01391	●		●	18	TK01392		●	●	19		TK01393	●	●		20	TK00734	●	●	21	TK00735	●	●	22	TK00736	●	●	
	17	TK01153	●	●		21	TK01288	●	●		22	TK01355	●	●		18	TK01392	●		●	19	TK01393		●	●	20		TK01394	●	●		21	TK00736	●	●	22	TK00737	●	●	23	TK00738	●	●	
	17.5	TK01249	●	●		21.5	TK01289	●	●		23	TK01356	●	●		19	TK01393	●		●	20	TK01394		●	●	21		TK01395	●	●		22	TK00739	●	●	23	TK00740	●	●	24	TK00741	●	●	
	18	TK01250	●	●		22	TK01290	●	●		24	TK01357	●	●		19.5	TK01394	●		●	20	TK01395		●	●	21		TK01396	●	●		22	TK00741	●	●	23	TK00742	●	●	24	TK00743	●	●	
	18.5	TK01251	●	●		22.5	TK01291	●	●		24.5	TK01358	●	●		20	TK01395	●		●	21	TK01396		●	●	22		TK01397	●	●		23	TK00742	●	●	24	TK00743	●	●	25	TK00744	●	●	
	19	TK01252	●	●		23	TK01292	●	●		25	TK01359	●	●		21	TK01396	●		●	22	TK01397		●	●	23		TK01398	●	●		24	TK00743	●	●	25	TK00744	●	●	26	TK00745	●	●	
35 mm	19.5	TK01253	●	●	08035	23.5	TK01293	●	●	08035	26	TK01360	●	●	08035	21.5	TK01397	●	●	08035	21.5	TK01397	●	●	08035	30	TK00739	●	08050	31	TK00740	●	08050	32	TK00741	●	08050							
	20	TK01254	●	●		24	TK01294	●	●		26.5	TK01361	●	●		22	TK01398	●	●		23	TK01399	●	●		24	TK01400	●		●	31	TK00741		●	●	32		TK00742	●	●	33	TK00743	●	●
	20.5	TK01255	●	●		24.5	TK01295	●	●		27	TK01362	●	●		22.5	TK01399	●	●		23	TK01400	●	●		24	TK01401	●		●	32	TK00742		●	●	33		TK00743	●	●	34	TK00744	●	●
	21	TK01256	●	●		25	TK01296	●	●		28	TK01363	●	●		23	TK01400	●	●		24	TK01401	●	●		25	TK01402	●		●	33	TK00744		●	●	34		TK00745	●	●	35	TK00746	●	●
	21.5	TK01257	●	●		25.5	TK01297	●	●		29	TK01364	●	●		23.5	TK01401	●	●		24	TK01402	●	●		25	TK01403	●		●	34	TK00745		●	●	35		TK00746	●	●	36	TK00747	●	●
	22	TK01258	●	●		26	TK01298	●	●		30	TK01365	●	●		24	TK01402	●	●		25	TK01403	●	●		26	TK01404	●		●	35	TK00746		●	●	36		TK00747	●	●	37	TK00748	●	●
	22.5	TK01259	●	●		26.5	TK01299	●	●		31	TK01366	●	●		24.5	TK01403	●	●		25	TK01404	●	●		26	TK01405	●		●	36	TK00747		●	●	37		TK00748	●	●	38	TK00749	●	●
	23	TK01260	●	●		27	TK01300	●	●		32	TK01367	●	●		25	TK01404	●	●		26	TK01405	●	●		27	TK01406	●		●	37	TK00749		●	●	38		TK00750	●	●*1	39	TK00751	●	●*1
	23.5	TK01261	●	●		28	TK01301	●	●		33	TK01368	●	●		26	TK01405	●	●		27	TK01406	●	●		28	TK01407	●		●	38	TK00751		●	●*1	39		TK00752	●	●*1	40	TK00753	●	●*1
	24	TK01262	●	●		29	TK01302	●	●		34	TK01369	●	●		27	TK01407	●	●		28	TK01408	●	●		29	TK01409	●		●	39	TK00752		●	●*1	40		TK00753	●	●*1	41	TK00754	●	●*1
24.5	TK01263	●	●	30	TK01303	●	●	35	TK01370	●	●	28	TK01408	●	●	29	TK01409	●	●	30	TK01410	●	●	40	TK00754	●	●*1	41	TK00755	●	●*1	42	TK00756	●	●*1									
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35	TK01276	●	●	43	TK01316	●	●	48	TK01383	●	●	41	TK01421	●	●	42	TK01422	●	●	43	TK01423	●	●	53	TK00759	●	●*1	54	TK00759	●	●*1	55	TK00759	●	●*1									
36	TK01277	●	●	44	TK01317	●	●	49	TK01384	●	●	42	TK01422	●	●	43	TK01423	●	●	44	TK01424	●	●	54	TK00759	●	●*1	55	TK00759	●	●*1	56	TK00759	●	●*1									
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38	TK01279	●	●	46	TK01319	●	●	51	TK01386	●	●*2	44	TK01424	●	●	45	TK01425	●	●	46	TK01426	●</																						

Portable Magnetic Base Drilling Machine

ATRAACE auto Model WA-4000 / WA-5500



New semi-automatic ATRA with high-performance motor now available

Downsized motor with increased durability!



YouTube



WA-4000
Max. hole diameter **40 mm**
Max. plate thickness **50 mm***

WA-5500
Max. hole diameter **55 mm**
Max. plate thickness **75 mm***

Specifications		WA-4000		WA-5500	
Model		WA-4000		WA-5500	
Power Source (Single Phase)		220 - 240 V AC, 50/60 Hz		220 - 240 V AC, 50/60 Hz	
Electric	Rated Power Consumption	W		1040	
	Rated Current	A		4.3	
	No-load Speed	min ⁻¹ (rpm)		740	
Magnet Power Consumption	W		40		
Hole Capacity	Cutter	Hole Diameter	Plate Thickness	Hole Diameter	Plate Thickness
		mm			
mm	One-touch Type JETBROACH 25L	12 to 35	9 to 25	17.5 to 35	9 to 25
	One-touch Type JETBROACH 35L	17.5 to 40	9 to 35*	17.5 to 40	9 to 35*
	One-touch Type JETBROACH 50L	12 to 40	9 to 50*	17.5 to 19.5	9 to 35*
				20 to 50	9 to 50*
				51 to 55	9 to 35*
	One-touch Type JETBROACH 75L			17.5 to 19	9 to 35*
				20 to 50	9 to 75*
				51 to 55	9 to 50*
	One-touch Type HI-BROACH 25L	14 to 35	9 to 25	14 to 50	9 to 25
	One-touch Type HI-BROACH 50L	14 to 35	9 to 50*	16 to 19	9 to 35*
			20 to 40	9 to 50*	
			41 to 50	9 to 35*	
Max. Stroke	mm	84		107	
Magnet Holding Power	N(kgf)	7056 (720)		9800 (1000)	
Magnet Dimensions	mm	92 (W) x 213 (L)		101 (W) x 203 (L)	
Power Cord Length	m	3		3	
Mass (Weight)	kg	19		22	
Accessories Included		<ul style="list-style-type: none"> Carry Case 3 mm Hex.Socket Screw Key Cutting Oil 0.5L 8 x 10 mm Spanner 	<ul style="list-style-type: none"> Pilot Pin 08035 Guard Sub Handle Chain 	<ul style="list-style-type: none"> Carry Case 3 mm Hex.Socket Screw Key 4 mm Hex.Socket Screw Key Cutting Oil 0.5L 8 x 10 mm Spanner 	<ul style="list-style-type: none"> Pilot Pin 08050 Guard Sub Handle Chain Chip Breaker (Installed)

*Be sure to use the Chip Breaker when drilling holes with a plate thickness of 35 mm or more.

Equipped with various functions for safety and efficiency



Fail-Safe Protection

Built-in Motion Sensor

If any lateral movement or excess vibration is detected, both the drill and the feed motor stop. Nitto Kohki is the first company to incorporate this feature into magnetic base drills.

Fail-safe Restart

The drill will not re-start even if power is re-supplied after accidental shutdown. Drilling can only be continued after turning on the drill switch.

Magnet Open-circuit Sensor

The drill will not start until the magnetic field is active.

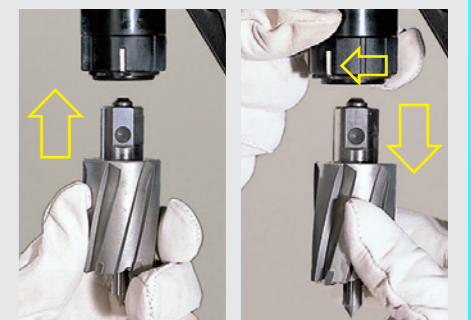
Chip Breaker

Be sure to use the Chip Breaker when drilling with a plate thickness of 35 mm or more. If it is not used, the cutter will be damaged, shortening its lifetime. The Chip Breaker comes as a standard accessory with WA-5500. For WA-4000, please purchase it separately.



One-touch Cutter Replacement

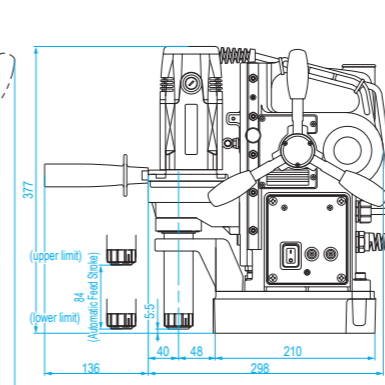
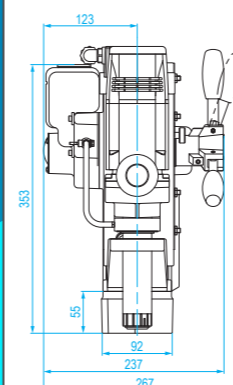
Replacement is quick and easy with our unique push fit self-centering cutter system.



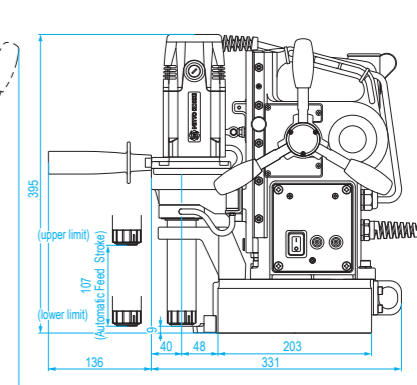
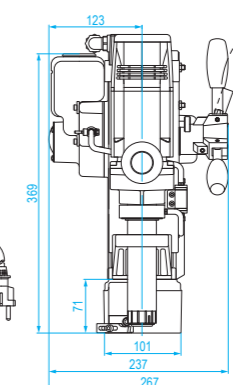
Mounting the cutter Removing the cutter

External Dimensions

WA-4000



WA-5500



(Unit: mm)