

# Power Tools & Machine Tools

General Catalog



## CONTENTS

### Product Line

<b>Boring</b>	ATRA ACE ----- 5
<b>Punching</b>	SELFER ----- 17 PUMP ----- 17 HANDY SELFER ----- 19
<b>Chamfering</b>	BEVELER ----- 25
<b>Scaling</b>	AIR CHIPPER ----- 30 AUTO CHISEL ----- 31 SUPER KELEN ----- 32 JET CHISEL ----- 33
<b>Grinding &amp; Sanding</b>	MYTON ----- 35 BELTON ----- 37 COMPACT MULTI SANDER -- 41
<b>Grinding &amp; Sanding</b>	FREE SANDER ----- 42 LINE SANDER ----- 42 ORBITAL SANDER ----- 43 PALM ORBITAL SANDER ----- 43 AIR SONIC ----- 44
<b>Filing</b>	SUPER HAND ----- 45 MICRO AIR HAND ----- 46
<b>Deburring</b>	BURR CUTTER ----- 46
<b>Cutting</b>	SUPER SAW ----- 47
<b>Drilling</b>	AIR DRILL ----- 47
<b>Suspending</b>	SPRING BALANCER ----- 48

### Consumables

<b>Annular Cutters</b>	BROACH CUTTERS & BROACH HOLDERS ----- 15
<b>Punches &amp; Dies</b>	PUNCHES & DIES FOR SELFER ----- 20
<b>Indexable Inserts</b>	INDEXABLE INSERTS FOR BEVELER ----- 29
<b>Needles</b>	NEEDLES FOR JET CHISEL ---- 34
<b>Grinding &amp; Sanding Discs</b>	GRINDING & SANDING DISCS FOR MYTON ----- 36
<b>Abrasive Belts</b>	ABRASIVE BELTS FOR BELTON ----- 38,40



### Green Procurement

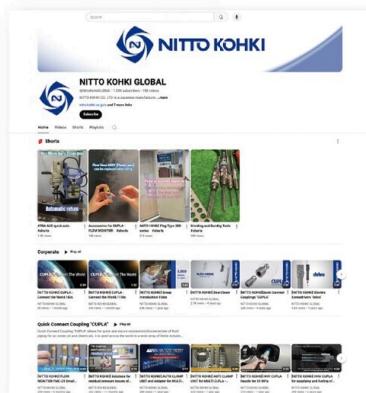
Nitto Kohki has made every effort in developing "Environmental Improvement Plans" through the implementation of ISO14001, to execute environmentally conscious business activities on a company-wide basis. As a part of our ongoing commitment to the environment, we are also committed to reduce and/or eliminate restricted chemical substances from our products as designated by RoHS directives, laws and regulations concerning chemical substances.

### Nitto Kohki's Official YouTube Global Channel

<https://www.youtube.com/c/NittoKohkiGLOBAL>



YouTube



# High-End Features of ATRA ACE Drilling Machines

## High-End Features of ATRA ACE Drilling Machines Enhance Your Productivity and Safety

Ref. No.	Features	QA-4000	QA-6500	WA-3500	WA-5000	WOJ-3200	AO-5575A	LO-3550	ARA-100A
1	<b>Auto-feed</b>	●	●	●	●	—	—	—	—
2	<b>Slow Start Mechanism</b>	●	●	●	●	—	—	—	●
3	<b>Step Feed</b>	●	●	—	—	—	—	—	—
4	<b>Variable Automatic Feed</b>	●	●	●	●	—	—	—	—
5	<b>Load Sensor</b>	●	●	●	●	—	—	—	—
6	<b>Magnet Open-circuit Sensor</b>	●	●	●	●	●	●	●	●
7	<b>Fail-safe Restart</b>	●	●	●	●	●	●	●	●
8	<b>Built-in Motion Sensor</b>	●	●	●	●	—	●	—	●
9	<b>Overload Stop</b>	●	●	●	●	●	●	●	●
10	<b>Cycle Stop</b>	●	●	●	●	—	—	—	—
11	<b>Unique Battery Conservation</b>	—	—	—	—	—	—	—	—
12	<b>One-touch Cutter Replacement</b>	●	●	●	●	●	●	●	●

1. Automatic Feed Control Function is activated by pushing the Rod Handles towards the body and manual feed is not required.
2. The feed in the first stage of cutting operation is automatically slow to ensure a smooth drilling.
3. When the cutter has become dull or it cuts through difficult materials, the load sensor will automatically activate the Step Feed Program to help penetrate material. When working on deep holes or large diameter holes, the Step Program will also help to reduce swarf build up around the cutter as the waste material will break off with each Step cycle.
4. The feed speed is continuously monitored and updated proportionally to the load on the cutter.
5. **QA-4000/QA-6500:** The sensing system responds to drilling forces on the cutter for the optimum cutting condition.
- WA-3500/WA-5000: The dual sensing system responds to both drilling and feeding forces on the cutter for the optimum cutting condition.
6. The drill will not start until the magnetic field is active.
7. The drill will not restart even if power is re-supplied after accidental shutdown. Drilling can only be continued after turning on the drill switch.
8. **QA-4000/QA-6500/WA-3500/WA-5000:** If any lateral movement or excess vibration is detected, both the drill and the feed motor stop.
- AO-5575A/ARA-100A: If any lateral movement or excess vibration is detected, the drill motor stops.
9. **QA-4000/QA-6500/WA-3500/WA-5000:** When an excessive load is applied to the cutter, both the drill and the feed motor will stop automatically.
- WOJ-3200/AO-5575A/LO-3550/ARA-100A: When an excessive load is applied to the cutter, the drill motor will stop automatically.
10. **QA-4000/QA-6500:** After the cut has finished, a detector responds to the reduction in load, the drill retracts quickly and then both the drill and feed motor automatically stop.
- WA-3500/WA-5000: After the cut has finished, a detector responds to the reduction in load and both the drill and the feed motor automatically stop.
11. While the drill motor is running, if no load is applied within 10 seconds, the drill will stop automatically to save the battery.
12. Replacement is quick and easy with our unique push fit self-centering cutter system.

**ARA-100A:** Optional one-touch type Holder required.

Scan here to see comparison video.  
ATRA ACE Auto vs Manual



YouTube

# ATRA ACE Specifications



LO-3550



WA-3500



WA-5000

## Specifications

Model		LO-3550	WA-3500		WA-5000						
Electric Drill	Power Source (Single Phase)	220 - 240 VAC, 50/60 Hz	110 - 120 VAC, 50/60 Hz	220 - 240 VAC, 50/60 Hz	110 - 120 VAC, 50/60 Hz		220 - 240 VAC, 50/60 Hz				
	Rated Power Consumption W	800	1100		1150						
	Rated Current A	3.3	10.2	5.1	10.8		5.4				
	No-load Speed min <sup>-1</sup> (rpm)	950	950		350 / 650						
Hole Capacity	Magnet Power Consumption W	35	34		75						
	Max. Hole Diameter mm	35	35		50						
	Max. Plate Thickness mm	50	50		75						
	One-touch Type JETBROACH	Hole Diameter mm	12 to 35	17.5 to 35		12 to 17	17.5 to 40	12 to 50			
		Plate Thickness mm	6 to 50	9 to 50		9 to 25	9 to 35	9 to 50			
	Side-lock Type JETBROACH	Hole Diameter mm	-	-		-					
		Plate Thickness mm	-	-		-					
	One-touch Type HI-BROACH	Hole Diameter mm	-	14 to 35		14 to 50					
		Plate Thickness mm	-	9 to 25		9 to 50					
	Twist Drill	Hole Diameter mm	-	-		-					
Max. Stroke mm		80	83		107						
Magnet Holding Power N(kgf)		5500 (561)	7056 (720)		9800 (1000)						
Magnet Dimensions mm		65 x 145	92 x 213		101 x 201						
Overall dimensions * (length) x (width) x (height) mm		339 x 112 x 316	409 x 237 x 530		425 x 237 x 604						
Power Cord Length m		3	3		3						
Mass (Weight) kg		8.7	20		23						
Feeding Method		Manual	Automatic		Automatic						
Page		7	9		9						

\*The height is the dimension from the surface of the workpiece to the highest part of the machine when the tip of the Pilot Pin is touching the workpiece with the cutter of the machine's maximum capacity attached.

# ATRA ACE Specifications

Scan here to see comparison video.

ATRA ACE Auto vs Manual



WOJ-3200

AO-5575A

QA-4000

QA-6500

ARA-100A

	WOJ-3200		AO-5575A		QA-4000		QA-6500	ARA-100A
	110 - 120 VAC, 50/60 Hz	220 - 240 VAC, 50/60 Hz		220 - 240 VAC, 50/60 Hz	110 - 120 VAC, 50/60 Hz	220 - 240 VAC, 50/60 Hz	220 - 240 VAC, 50/60 Hz	220 - 240 VAC, 50/60 Hz
	950		950		680		1010	1800
	8.6	4.3		4.3	6.1	3.0	4.5	8.2
	870		520		750		400/750	110 - 210 /330 - 660
	38	30		50	50		75	80
	32		55		40		65	100
	50		75		35		50	75
	12 to 32		12 to 17	17.5 to 55	17.5 to 40		17.5 to 65	17.5 to 50
	9 to 50		9 to 50	9 to 75	9 to 35		9 to 50	13 to 75
	-		-		-		-	
	-		-		-		-	
	-		12 to 50		14 to 15	16 to 18	18 to 35	17.5 to 35
	-		9 to 50		9 to 12	9 to 25	9 to 25	13 to 50
	Max. 13		-		-		-	
	130		105		75		88	296
	9000 (918)		10000 (1020)		6664 (680)		9800 (1000)	17000 (1733)
	99 x 177		86 x 170		82 x 172		100 x 200	110 x 220
	318 x 196 x 420		432 x 197 x 493		407 x 215 x 424		455 x 215 x 534	570 x 274 x 623
	3		3		4	5	5	5
	13		17.5		18.5		26	30
	Manual		Manual		Automatic		Automatic	Manual
	11		11		13		13	5

## Portable Magnetic Base Drilling Machine

## ATRA ACE manual feed

Model **LO-3550** 

• Max. 35 mm dia. x 50 mm deep



YouTube



## Chip Breaker



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

[www.npower.com.vn](http://www.npower.com.vn)

Tài liệu được tổng hợp bởi đội ngũ kỹ thuật của NPOWER

Bản quyền nội dung thuộc về NITTO KOHKI

**Compact, lightweight, low profile design gives you greater hole making mobility**

- Drilling on 100 mm or more width web and flange of wide flange beam
- Designed to improve drilling on walls, confined and elevated locations
- Drill position can be adjusted up to 10 mm travel on each axis straight front to back and pivot side to side

## Specifications

Model	LO-3550	
Power Source (Single Phase)	220 - 240 V AC, 50/60 Hz	
Electric Drill	Rated Power Consumption W	800
	Rated Current A	3.3
	No-load Speed min <sup>-1</sup> (rpm)	950
Hole Capacity	Cutter	Hole Diameter
mm	One-touch Type JETBROACH 25L	12 to 17
	One-touch Type JETBROACH 35L	17.5 to 35
	One-touch Type JETBROACH 50L	12 to 35
		Plate Thickness
		6
	Magnet Holding Power N(kgf)	5500 (561)
	Max. stroke mm	80
	Magnet Dimensions mm	65 (W) x 145 (L)
Cutter Position	Pivot Side to Side mm	10
Adjustment	Straight Front to Back mm	10
Power Cord Length m		3
Mass (Weight) kg		8.7*

\*Excluding Power Cord and Sub Handle

## Accessories Included

- Carry Case
- Cutting Oil 0.5L
- Feed Handle
- Sub Handle
- Pilot Pin 08035
- Spanner 17
- Blade
- Hex Socket Bolt 5 x 12
- Hex Socket Head Set Screw 8 x 28
- 4 mm Hex Socket Screw Key
- 5 mm Hex Socket Screw Key
- Spanner 7 x 8
- Guard
- Safety Strap

## Optional Accessories

Ref. No.	PN	Description	Sales Unit
1	TB01507	Cutting Oil 2L	1 piece
2	TQ10581	Oiler No. 3013	
3	TB01098	Tube 4 x 7 x 3000 Ass'y	
4	TB07306	Lubrication Adapter Ass'y	1 set
5	TB04374	Supporting Magnet Ass'y	
6	TB07696	Pipe Attachment Ass'y	
7	TB11527	Guard	1 piece

\*50L for stacked plates



# BORING

## Easy Drilling Position Adjustment

After engaging the magnet, the drill position can be adjusted up to 10 mm travel on each axis straight front to back and pivot side to side.



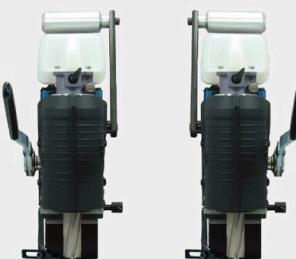
## Light Handle Operation

Fast revolution of JETBROACH CUTTER makes less cutting resistance and smooth handling.



## Reversible Feed Handle

The feed handle can be positioned on the right or left hand side for ease of drilling and mounting in confined spaces.



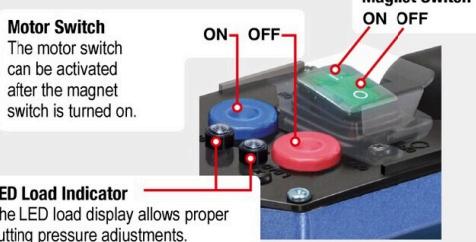
## Adjustable Feed Handle

The feed handle can be locked at varying angles to enhance productivity.



## Easy-to-use Switch Panel

On / off buttons of the magnet and the drill motor are on the front panel and can be operated by one hand. Drilling conditions can be checked by lamp colors.



## A Carrying Case Is Provided

The carrying case is a rugged accessory that provides a convenient way to transport and store the LO-3550.



# Optional Accessories for ATRA ACE

## Pipe Attachment Ass'y

The Pipe Attachment Ass'y is an optional base to securely fasten ATRA ACE on pipes for drilling. The chain can easily and securely fit around pipes having an outside diameter of 48.6 to 318.5 mm.

### Example of installation on a pipe



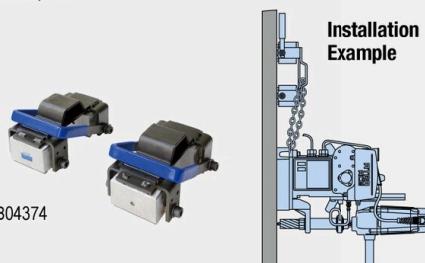
Applicable Pipe Size:  
48.6 to 318.5 mm

PN : TB07696

Applicable Models when a 35 mm or 50 mm length one touch type JETBROACH CUTTER is used:  
**WOJ-3200, LO-3550, WA-3500, and QA-4000**

## Supporting Magnet Ass'y

If the accessory safety strap or chain is unable to be properly secured to prevent ATRA ACE from falling off the workpiece, the Supporting Magnet Ass'y is recommended. It employs a permanent magnet and can secure ATRA ACE even if power is interrupted.



Installation Example

PN : TB04374

Applicable Models:  
**LO-3550, WA-3500, WOJ-3200, AO-5575A, QA-4000, and QA-6500**

# BORING

## Annular Cutters

# 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.	-	-	-	
	Plate Thickness	-	50L: 12 - 52 dia.	50L: 12 - 65 dia.	50L(W): 18, 22, 24 - 26.5, 28, 32, and 35 dia.	-	-	
		25L: 25	-	25L: 25	-	75L: 17.5 - 55 dia.	75L: 50 - 100 dia.	
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		
Depth	mm dia.	PN
12	TK00698	
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	● ●
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		
Depth	mm dia.	PN
12	TK00721	●
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	● ● ●
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		
Depth	mm dia.	PN
12	TK01148	●
13	TK01149	●
14	TK01150	●
15	TK01151	●
16	TK01152	●
17	TK01153	●
17.5	TK01249	● ● ●
18	TK01250	● ● ●
18.5	TK01251	● ● ●
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	● ● ●

# BORING

JETBROACH One-touch Type		
Depth	mm dia.	PN
12	TK01154	ARA-100A
13	TK01155	LO-3550
14	TK01156	WA-3500
15	TK01157	WA-5000
16	TK01158	WOJ-3200
17	TK01159	AO-5575A
17.5	TK01282	QA-6500
18	TK01283	Pilot Pin
19	TK01284	06050
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		
Depth	mm dia.	PN
50 mm	18	TK01068
	22	TK00622
	24	TK00623
	24.5	TK00631
	25	TK00624
	26	TK00625
	26.5	TK00632
	28	TK00626
	32	TK00627
	35	TK00628
75 mm	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		
Depth	mm dia.	PN
50 mm	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		
06025	PN : TK01167	
08025	PN : TK01486	
06050	PN : TK01166	
08050	PN : TK01488	
12075	PN : TJ17436	
12075	PN : TA9A207	

Sales Unit: 1 Piece



## BROACH HOLDERS



### Specifications

Morse Taper No.	M.T.No.2		M.T.No.3						M.T.No.4	
Model	BHM-02035		BHM-03050						BHM-13075 BHM-14075	
PN	TB00390		TB00392						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.	17.5 - 65 dia.	18 - 35 dia.
Pilot Pin	06025	08025	08035	06025	08025	06050	08035	08050	08050	12075
	Optional		Optional						Optional	

HBO: HI-BROACH One-touch Type

JBO: JETBROACH One-touch Type

JBS: JETBROACH Side-lock Type

## NITTO KOHKI's GLOBAL NETWORK



NITTO KOHKI CO., LTD.



NITTO KOHKI U.S.A., INC.



NITTO KOHKI EUROPE GMBH



NITTO KOHKI EUROPE GMBH  
UK Branch



NITTO KOHKI AUSTRALIA PTY LTD



NITTO KOHKI (SHANGHAI) CO., LTD.  
Shenzhen Branch



NITTO KOHKI INDIA PVT LTD

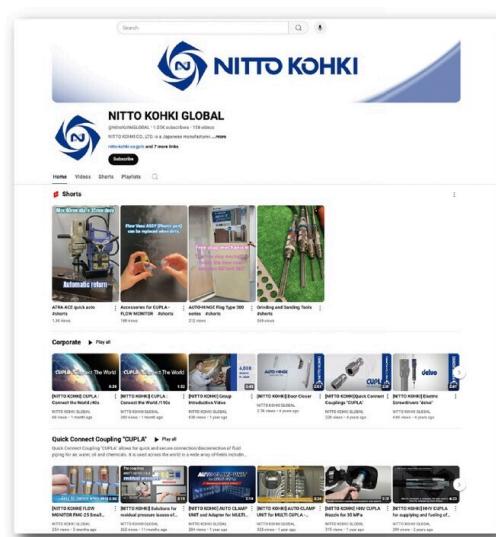
Visit our website  
for more information

Nitto Kohki's  
Official YouTube Global Channel

<https://www.youtube.com/c/NittoKohkiGLOBAL>



YouTube



# Safety Guide

Be sure to read and understand all safety precautions mentioned below and to follow the instructions given to operate each Nitto Kohki brand tool as stated in the operator's manual. Keep operators manual close by when operating machines or tools for reference of safe operation and precautions.

## Safety Precautions

**Failure to observe the following warnings may cause a potentially hazardous situation, which if not corrected could result in serious injury or death. To prevent the risk of fire, electric shock, and/or personal injury, proper safety guidelines should be followed at all times.**

### Warning for ALL Machines and Tools

- Always keep the work area free from clutter and potentially dangerous conditions such as hanging power cords, working debris, air hoses, and garbage to prevent accidents from occurring.
- Consider proper working environments for each tool. Do not expose tools to extreme amounts of moisture or direct contact with water or rain. Keep area well-lit at all times to prevent hidden dangers, and never operate the equipment near flammable liquids or in gaseous or explosive atmospheres.
- Keep all tools and tool accessories away from children and unauthorized personnel. Serious injury or possible death may result from machines being handled by children.
- Properly store machines and accessories while not in use. They should be kept in a dry, locked-up location out of reach of children or unauthorized personnel.
- Improper or negligent use of tools will cause increased maintenance costs, and the amount of time required to complete the job. Always let the tool do the work at the rate for which it was designed. Best performance is always achieved by reading and understanding the proper operation of each machine or tool.
- Always wear safety glasses and protective hand and footwear during or around operating tools. Wear a protective hair covering to contain long hair. Do not wear loose clothing or accessories as they may be caught in moving parts and inflict serious injury or possible death.
- Wear respiratory protection when working in an environment where dust particles are generated during operation.
- Do not over-reach or lose stability during tool operation and always maintain correct posture.
- Use clamps or a vise to secure the workpiece tightly and eliminate vibration. Never hold the workpiece with your hands; keep both hands on the tool for increased productivity.
- Use the right tool or machine that can complete the job within its specifications. Do not attempt to adapt smaller machines or tools to complete a job designed for heavy-duty equipment. Do not use the tools for purposes other than what they were designed for. There is a right tool for each job; be aware of tool limitations and never overload.
- Make sure to inspect all external screws, nuts, bolts, and attached accessories to ensure they are fastened tightly and secure prior to each use. All moving parts should be free from obstruction and allowed to operate smoothly. Any damaged or missing parts should be repaired or replaced by the sales agent or distributor from which the tool was originally purchased. Do not use machines or tools which cannot be activated or stopped with a power switch or lever.
- Do not use any machine with damaged, frayed, cut, or deteriorated power cords or air hoses. Always replace them at the first sign of damage.
- Always remove all tools required to adjust, add, or remove parts from tools prior to use to prevent tool damage or user injury.
- Always avoid an unexpected start by ensuring all power buttons or levers are in the off position prior to attaching to a power or air supply. Never carry tools with your finger on the on/off switch or lever when the power or air supply is attached.
- Do not use the power or air supply lines to move, carry, or support the tool during usage or transportation. Do not place the power or air line near a heat source, oil, water, or items with sharp edges.
- Never leave a machine or tool running unattended. Keep a firm grip on the designated areas of the machine or tool until it comes to a complete stop. Always turn the power switch or lever to the off position and disconnect from the power source when not in use.
- Do not disassemble or modify a tool to complete a job other than what it was designed for. This will void any warranty on the equipment and may cause serious personal injury or possible death.
- Maintenance is necessary for all machines and tools. Always maintain blades and cutters properly and replace when edges become damaged or are not sharp enough for safe operation. Follow the instruction manual for lubrication needs and adjustment points if applicable. Check the power and air supply lines periodically and change accordingly to safety regulations. If an extension line is adopted, always make sure that it meets or exceeds tool requirements for amperage or air supply before using and is rated for outdoor usage. Change supply lines whenever they are found to be defective or damaged. Keep the grip and handles dry and clean of grease or oil so that it will not disturb proper operation.
- Switch off and disconnect from power source before servicing equipment or changing accessories.
- Be alert and pay close attention to the work being performed at all times. Do not operate machines or tools when heavily fatigued. Users should be aware of all circumstances surrounding tool operation.
- Use only recommended parts and accessories as per individual machine or tool operator manuals. Use of improper accessories or attachments may result in serious injury or possible death.
- All repairs and services must be performed by authorized Nitto Kohki dealers or technicians.
- Do not deface or remove any label, warning indicator, or nameplate associated with each machine or tool.

### Notice for Electric Tools

- The power source must be limited to the individual tools specifications as stated on the nameplate or instruction manual.
- Ensure that all machine and power tools are properly grounded at all times (except for double-insulated tools). Always use a GFCI (Ground-Fault-Circuit-Interrupter) to protect the user and surrounding persons from electric shock.
- Be aware of low voltage situations. Improperly gauged extension cords or power cords, when used or shared with other electrical devices, may cause all tools on the line to operate below optimal performance. This condition may result in damage to the machine and/or operator.

### Notice for Air Tools

- The air pressure at the inlet of the tool must not exceed 0.6 MPa (6 kgf/cm<sup>2</sup>).

# Index

	<b>Model</b>	<b>Prod. No.</b>	<b>Description</b>	<b>Page</b>
<b>A</b>	A-300	090600001	AUTO CHISEL	31
	ACH-16	091800001	AIR CHIPPER	30
	ADR-100	160700020	AIR DRILL	47
	ADR-65	160700030	AIR DRILL	47
	AJC-16	061100001	JET CHISEL	33
	AL-55A	184500001	AIR SONIC	44
	AMB-0307	135400001	MINI BEVELER	27
	AMBL-0307	135600001	MINI BEVELER	27
	AO-5575A 220 - 240 V	016815001	ATRA ACE	11
	APS-125 NVL5H	074903001	PALM ORBITAL SANDER	43
	APS-125 NNV5H	074900001	PALM ORBITAL SANDER	43
	APS-150 NNV6H	075000001	PALM ORBITAL SANDER	43
	ARA-100A 220 - 240 V	016810401	ATRA ACE	5
	ASH-900	111400001	SUPER HAND	45
<b>B</b>	B-10CL	101850001	BELTON	37
	B-20CL	101860001	BELTON	37
	B-20CL-A	101900001	BELTON	37
	B-30CL	101870001	BELTON	37
	BB-10B Lever	101910001	BABY BELTON	39
	BB-10B Ring	101910010	BABY BELTON	39
	BB-20	101700012	BABY BELTON	39
	BC-005	136505101	BURR CUTTER	46
	BHM-02035	TB00390	BROACH HOLDER	16
	BHM-03050	TB00392	BROACH HOLDER	16
	BHM-13075	TB00352	BROACH HOLDER	16
	BHM-14075	TB00354	BROACH HOLDER	16
<b>C</b>	CB-01	136503001	CIRCUIT BEVELER	27
	CB-02	135200001	CIRCUIT BEVELER	28
	CBR-03	136502000	CIRCUIT BEVELER	28
	CH-24	091500001	AIR CHIPPER	30
	CMX-20	075508001	COMPACT MULTI SANDER	41
<b>E</b>	E25-0615 220 - 240 V	155500401	HANDY SELFER	19
	E55-0619 110 - 120 V	155300101	HANDY SELFER	19
	E55-0619 220 - 240 V	155300501	HANDY SELFER	19
	ECB-0203 220 - 240 V	135800300	CIRCUIT BEVELER	26
	EJC-32A 110 - 120 V	065200101	JET CHISEL	34
	EJC-32A 220 - 240 V	065200301	JET CHISEL	34
	EMB-0307C 110 - 120 V	136002400	MINI BEVELER	25
	EMB-0307C 220 - 240 V	136020300	MINI BEVELER	25
<b>F</b>	FS-100C	080900001	FREE SANDER	42
	FS-50A	080600001	FREE SANDER	42
<b>H</b>	HA06-1322	155700001	SELFER	18
	HA07-1624	155800001	SELFER	18
	HA11-1624	155900001	SELFER	18
	HB-15B 110 - 120 V	131000102	HAND BEVELER	25
	HB-15B 220 - 240 V	131000201	HAND BEVELER	25
	HPD-05 115 V	152500601	PUMP	17
	HPD-05 230 V	152500401	PUMP	17
	HPD-05 CE 115 V	152500602	PUMP	17
	HPD-05 CE 230 V	152500402	PUMP	17
	HS06-1322	152100001	SELFER ACE	17
	HS06-1322 CE	152100003	SELFER ACE	17
	HS07-1624	152200001	SELFER ACE	17
	HS07-1624 CE	152200003	SELFER ACE	17
	HS11-1624	152300001	SELFER ACE	17
	HS11-1624 CE	152300003	SELFER ACE	17
	HW-0	169000171	HOSE REEL BALANCER	48
	HW-3	169000181	HOSE REEL BALANCER	48
	HW-5	169000191	HOSE REEL BALANCER	48
<b>J</b>	JC-16	060100001	JET CHISEL	33

	<b>Model</b>	<b>Prod. No.</b>	<b>Description</b>	<b>Page</b>
<b>J</b>	JEX-20	060900001	JET CHISEL	33
	JEX-24	060300001	JET CHISEL	33
	JEX-28	060500001	JET CHISEL	33
	JEX-2800A	060500100	JET CHISEL	33
	JT-10	061300001	JET CHISEL	33
	JT-16	061200001	JET CHISEL	33
	JT-20	061000001	JET CHISEL	33
<b>L</b>	L-25B	180800001	AIR SONIC	44
	L-35C	184100001	AIR SONIC	44
	LO-3550 220 - 240 V	018000401	ATRA ACE	7
	LS-10	170300001	LINE SANDER	42
<b>M</b>	MG-40 Lever	075619001	MYTON	35
	MG-40 Ring	075619092	MYTON	35
	MAH-05	111000001	MICRO AIR HAND	46
	MAH-16	111100001	MICRO AIR HAND	46
	MB-03A 230 V	130500201	MINI BEVELER	26
	MYG-25L	075629001	MYTON	35
	MYG-40L	075630001	MYTON	35
	MYG-50	075621008	MYTON	35
	MYG-70 Lever	075612092	MYTON	35
	MYG-70 Ring	075612001	MYTON	35
	MYS-20L	075627001	MYTON	36
	MYS-40	075611001	MYTON	36
	MYS-70 Japanese	075618000	MYTON	36
<b>O</b>	OSV-60A	074400001	ORBITAL SANDER	43
<b>Q</b>	QA-4000 110 - 120 V	015700101	ATRA ACE	13
	QA-4000 220 - 240 V	015700401	ATRA ACE	13
	QA-6500 220 - 240 V	015800401	ATRA ACE	13
<b>R</b>	RW-0	169000141	RETRACTOR	48
	RW-3	169000151	RETRACTOR	48
	RW-5	169000161	RETRACTOR	48
<b>S</b>	S-1000	090300010	SUPER KELEN	32
	S-250	090100010	SUPER KELEN	32
	S-500	090200010	SUPER KELEN	32
	SC-05 115 V	151000601	PUMP	18
	SC-05 230 V	151000401	PUMP	18
	SH-100A	110500001	SUPER HAND	45
	SHL-40	111500001	SUPER HAND LIGHT	45
	SSW-110	110800101	SUPER SAW	47
<b>T</b>	TW-0	169000021	SPRING BALANCER	48
	TW-00	169000011	SPRING BALANCER	48
	TW-06R	169002101	RETRACTOR	48
	TW-1R	169000131	RETRACTOR	48
	TW-3	169000031	SPRING BALANCER	48
	TW-5	169000041	SPRING BALANCER	48
	TW-9	169000051	SPRING BALANCER	48
	TW-15	169000061	SPRING BALANCER	48
	TW-22	169000071	SPRING BALANCER	48
	TW-30	169000081	SPRING BALANCER	48
	TW-40	169000091	SPRING BALANCER	48
	TW-50	169000101	SPRING BALANCER	48
	TW-60	169000111	SPRING BALANCER	48
	TW-70	169000121	SPRING BALANCER	48
<b>W</b>	WA-3500 110 - 120 V	017400111	ATRA ACE	9
	WA-3500 220 - 240 V	017400301	ATRA ACE	9
	WA-5000 110 - 120 V	018100102	ATRA ACE	9
	WA-5000 220 - 240 V	018100301	ATRA ACE	9
	WOJ-3200 110 - 120 V	016600101	ATRA ACE	11
	WOJ-3200 220 - 240 V	016600300	ATRA ACE	11

# Power Tools & Machine Tools

Japanese   
[www.nitto-kohki.co.jp/network/jp/](http://www.nitto-kohki.co.jp/network/jp/)

Vietnamese   
[www.nitto-kohki.co.jp/network/vi/](http://www.nitto-kohki.co.jp/network/vi/)

English   
[www.nitto-kohki.co.jp/network/](http://www.nitto-kohki.co.jp/network/)

Indonesian   
[www.nitto-kohki.co.jp/network/id/](http://www.nitto-kohki.co.jp/network/id/)

Thai   
[www.nitto-kohki.co.jp/network/th/](http://www.nitto-kohki.co.jp/network/th/)

Spanish   
[www.nitto-kohki.co.jp/network/es/](http://www.nitto-kohki.co.jp/network/es/)

 YouTube   
NITTO KOHKI GLOBAL

eCatalog   
[www.nitto-kohki.co.jp/e/prd/d\\_cat/](http://www.nitto-kohki.co.jp/e/prd/d_cat/)

## NITTO KOHKI CO., LTD.

### Head Office

2-9-4, Nakaikegami, Ota-ku, Tokyo 146-8555, Japan  
Tel : +81-3-3755-1111 Fax : +81-3-3753-8791 E-mail : [overseas@nitto-kohki.co.jp](mailto:overseas@nitto-kohki.co.jp)  
Web [www.nitto-kohki.co.jp/e/](http://www.nitto-kohki.co.jp/e/)



### Overseas Affiliates / Offices

**NITTO KOHKI U.S.A., INC.**  
46 Chancellor Drive, Roselle, Illinois 60172, U.S.A.  
For Tool  
Tel : +1-630-924-9393 Fax : +1-630-924-0303  
For CUPLA  
Tel : +1-630-924-5959 Fax : +1-630-924-1174  
For Pump  
Tel : +1-630-924-8811 Fax : +1-630-924-0808  
[www.nittokohki.com/](http://www.nittokohki.com/)

**NITTO KOHKI EUROPE GMBH**  
Gottlieb-Daimler-Str. 10, 71144 Steinbach, Germany  
Tel : +49-7157-989555-0  
[www.nitto-kohki.eu/](http://www.nitto-kohki.eu/)

**NITTO KOHKI EUROPE GMBH UK Branch**  
Unit A5, Langham Park Industrial Estate, Maple Road,  
Castle Donington, Derbyshire DE74 2UT, United Kingdom  
Tel : +44-1332-653800  
[www.nitto-kohki.eu/](http://www.nitto-kohki.eu/)

**NITTO KOHKI CO., LTD. Bangkok Representative Office**  
2 Jasmine Building, 22nd Floor, Soi Prasammitr(Sukhumvit23),  
Sukhumvit Road, North Klongtoey, Wattana, Bangkok 10110, Thailand  
Tel : +66-2612-7388  
Thai [www.nitto-kohki.co.jp/network/th/](http://www.nitto-kohki.co.jp/network/th/)  
Vietnamese [www.nitto-kohki.co.jp/network/vi/](http://www.nitto-kohki.co.jp/network/vi/)

**NITTO KOHKI INDIA PVT LTD**  
Unit No. 605, 6th Floor, Global Foyer mall, Sec-43,  
Gurugram, Haryana 122002, India  
Tel : +91-124-403-9600  
[www.nitto-kohki.co.jp/network/](http://www.nitto-kohki.co.jp/network/)

**NITTO KOHKI CO., LTD. Singapore Branch**  
18, Kaki Bukit Road 3, #02-12, Entrepreneur Business Centre, Singapore 415978  
Tel : +65-6227-5360 Fax : +65-6227-0192  
[www.nitto-kohki.co.jp/network/](http://www.nitto-kohki.co.jp/network/)

**NITTO KOHKI CO., LTD. Indonesia Representative Office**  
Plaza Marein 23rd Floor Jl. Jend. Sudirman Kav. 76-78, Jakarta 12910, Indonesia  
Tel : +62-21-8065-7808  
[www.nitto-kohki.co.jp/network/id/](http://www.nitto-kohki.co.jp/network/id/)

**NITTO KOHKI AUSTRALIA PTY LTD**  
77 Brandl Street, Eight Mile Plains, Queensland 4113, Australia  
Tel : +61-7-3340-4600 Fax : +61-73340-4640  
[www.nitto-australia.com.au/](http://www.nitto-australia.com.au/)

**NITTO KOHKI (SHANGHAI) CO., LTD.**  
Room 2602, Shanghai International Trade Centre,  
No.2201 Yan An West Road, Shanghai 200336, China  
Tel : +86-21-6415-3935 Fax : +86-21-6472-6957  
[www.nitto-kohki.cn/](http://www.nitto-kohki.cn/)

**NITTO KOHKI (SHANGHAI) CO., LTD. Shenzhen Branch**  
Room 708, Building 1, Wanting Building, No. 2009 Baoyuan Road,  
Baoan District, Shenzhen, Guangdong 518102, China  
Tel : +86-755-8375-2185 Fax : +86-755-8375-2187  
[www.nitto-kohki.cn/](http://www.nitto-kohki.cn/)

### DISTRIBUTED BY