

 Pneumatic & Power Tools
GENERAL CATALOG
SAITAMASEIKI CO.,LTD



RATCHET WRENCHES

APPLICATIONS:

Fasten/unfasten screws of car engine and other automotive repairing and maintenance as well as various industrial operations at confined areas.

AK-1900



3/8" Mini Ratchet Wrench

AK-1900A 1/4" Mini Ratchet Wrench



AK-1901



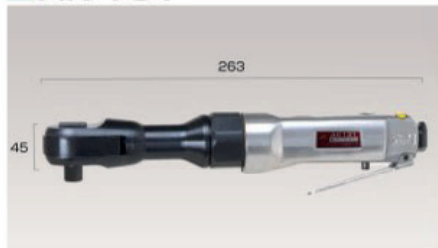
3/8" Handy Ratchet Wrench

AK-1902



3/8" Mini Ratchet Wrench

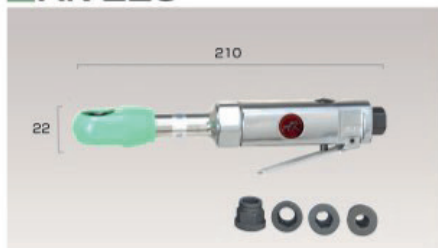
AK-131



1/2" Ratchet Wrench

AK-133 3/8" Ratchet Wrench

AK-220



Through Ratchet Wrench

17mm hex. drive
with 4 sockets, 8mm
10mm, 12mm, 14mm.

"U-GUIDE" device for AK-1901 & AK-1902



Improved YORK



Conventional YORK



[LEFT] worn anvil shank



[RIGHT] new anvil shank

- Solution to the structural problem of ratchet
- Special finish made on York teeth (US patent)
- Minimum slippage of Anvil Shank and York
- Minimum wearing of York teeth and Anvil Shank
- Stability of torque and rotation
- Minimize the damages of screws
- Additional fastening by hand is available

3-step SPEED REGULATOR for AK-1901



- Low speed
- Medium speed
- high speed
- Air exhaust direction: 360-degree variable



2 grooves
LOW



3 grooves
MEDIUM



4 grooves
HIGH

MODEL	Sq./Hex. (mm)	Free Speed (rpm)	Torque (N·m)	Air Cons. (L/min)	Air Inlet (PT)	Weight (kg)	Length (mm)	Housing Width (mm)	Housing Height (mm)
AK-1900	9.5	250	20	350	1/4	0.50	165	31	35
AK-1902	9.5	250	20	350	1/4	0.50	165	31	32
AK-1900A	6.35	250	20	350	1/4	0.50	165	31	35
AK-1901	9.5	250	20	350	1/4	0.63	192	31	32
AK-133	9.5	160	80	450	1/4	1.16	263	40	42
AK-131	12.7	160	80	450	1/4	1.16	263	40	45
AK-220	8·10·12·14	450	30	350	1/4	0.58	210	29	22



DRILLS, SCREWDRIVERS & AIR SAW

APPLICATIONS:

DRILLS: Metal working, wood working, automotive repairing & maintenance, and every drilling operation.

SCREWDRIVERS: Assembling operation for wooden, electric and other various products.

AIR SAW: Cutting sheet metal, wood, aluminium.

AK-590



3/8" Drill

10mm cap.

AK-810



Screwdriver

1/4"(6.35mm) hex. drive

AK-600



3/8" Reversible Drill

10mm cap.

AK-810-8



Low-speed Screwdriver

1/4"(6.35mm) hex. drive
High torque

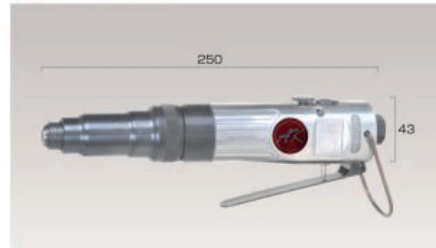
AK-527



1/2" Reversible Drill

13mm cap.
with side handle

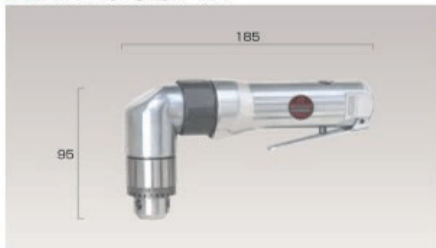
AK-830



Screwdriver, straight

1/4"(6.35mm) hex. drive

AK-500AH



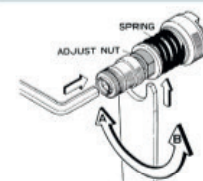
3/8" Angle-head Drill

10mm cap.

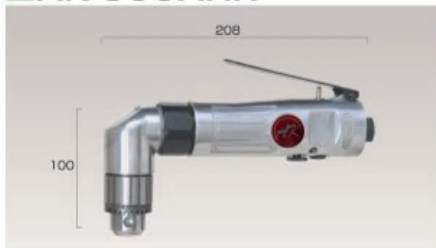
How to change torque for AK-810, AK-810-8, AK-830

- ① Disassemble Housing.
- ② Take two wrenches from the box.
- ③ Adjust torque as shown.

Turn to "A" : High torque
Turn to "B" : Low torque



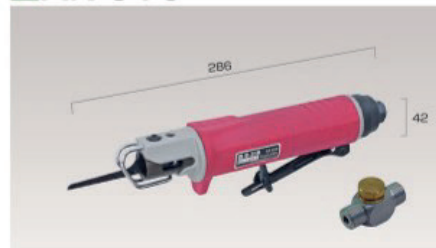
AK-500AHR



3/8" Angle-head Reversible Drill

10mm cap.

AK-310



Air Saw

Piston Strokes 10mm

with 24T & 32T blades & speed controller

φ5mm is also available.
140



MODEL	Chuck Cap. (mm)	Free Speed (rpm)	Air Cons. (L/min)	Air Inlet (PT)	Hex.Drive (mm)	Screw Cap. (mm)	Torque (N·m)	Weight (kg)	Length (mm)	Height (mm)
AK-590	10	2,400	470	1/4	-	-	-	1.18	178	145
AK-600	10	2,000	580	1/4	-	-	-	1.18	178	155
AK-527	13	480	470	1/4	-	-	-	1.60	220	155
AK-500AH	10	1,900	360	1/4	-	-	-	0.98	185	95
AK-500AHR	10	1,200	360	1/4	-	-	-	1.27	208	100
AK-810	-	1,800	600	1/4	6.35	6	12	1.16	185	155
AK-810-8	-	800	600	1/4	6.35	8	15	1.35	205	155
AK-830	-	1,800	420	1/4	6.35	6	12	1.15	250	43
AK-310	-	9,000 (Stroke)	150	1/4	-	-	-	0.64	236	42



IMPACT DRIVERS & IMPACT WRENCHES

APPLICATIONS:

IMPACT DRIVERS: Assembling operation for wooden, electric and other various products.

IMPACT WRENCHES: Assembling/disassembling the engines of cars & motorcycles. Tire changing. Assembling/disassembling construction machineries, and its maintenance.

AK-825



Impact Driver

1/4"(6.35mm) hex. drive
Double hammer clutch
4-step speed regulator built-in

AK-135



3/8" Impact Wrench

Single-hammer clutch
4-step speed regulator built-in

AK-P6L



Heavy duty Impact driver

1/4"(6.35mm) hex. drive
Double hammer clutch
4-step speed regulator built-in

AK-150A



3/8" Impact Wrench

Light-weight & compact
Jumbo-hammer clutch
Composite housing

AK-S6L



Heavy duty Impact driver

1/4"(6.35mm) hex. drive
Double hammer clutch
4-step speed regulator built-in

AK-845



1/2" Impact Wrench

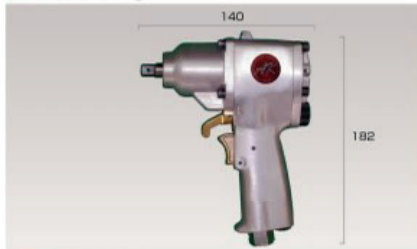
Pin-hammer clutch
4-step speed regulator built-in

AK-845L



2" LONG ANVIL is also available.

AK-P6



Heavy duty 3/8" Impact Wrench

Double-hammer clutch
4-step speed regulator built-in

AK-150ST



1/2" Impact Wrench

Light-weight & compact
Jumbo-hammer clutch
Composite housing

AK-S6



Heavy duty 3/8" Impact Wrench

Double-hammer clutch
4-step speed regulator built-in

AK-171T



1/2" Impact Wrench

Twin-hammer clutch
Composite housing
One hand F/R switch

MODEL	Sq. Drive (mm)	Bolt Cap. (mm)	Torque (N·m)	Free Speed (rpm)	Air Cons. (L/min)	Air Inlet (PT)	Weight (kg)	Length (mm)	Height (mm)	Anvil Length (mm)
AK-P6	9.5	6-8	50-122	7,600	340	1/4	1.50	145	65	20
AK-S6	9.5	6-8	50-122	8,000	310	1/4	1.35	210	65	20
AK-135	9.5	10	100(MAX)	9,000	380	1/4	1.33	136	164	15
AK-150A	9.5	10	350(MAX)	8,000	480	1/4	1.15	112	188	14
AK-845/845L	12.7	16	450(MAX)	7,000	480	1/4	2.26/2.35	187/225	185	26/65
AK-150ST	12.7	16	470(MAX)	9,500	480	1/4	1.15	112	188	17
AK-171T	12.7	16	600(MAX)	7,300	620	1/4	1.98	180	182	17
MODEL	Hex. Drive (mm)	Screw Cap. (mm)	Torque (N·m)	Free Speed (rpm)	Air Cons. (L/min)	Air Inlet (mm)	Weight (kg)	Length (mm)	Height (mm)	
AK-825	6.35	6	50(MAX)	12,000	350	1/4	0.87	125	160	-
MODEL	standard	Screw Capacity (mm) tapping wood	wood bolt	Free Speed (rpm)	Air Cons. (L/min)	Air Inlet (mm)	Weight (kg)	Length (mm)	Height (mm)	
AK-P6L	6.0-8.0	4.0-4.5	3.5-4.5	6.0-8.0	7,600	340	1/4	1.47	154	182
AK-S6L	6.0-8.0	4.0-4.5	3.5-4.5	6.0-8.0	8,000	310	1/4	1.33	212	60



IMPACT DRIVERS & IMPACT WRENCHES

APPLICATIONS:

3/4" IMPACT WRENCHES: Assembling/disassembling the engines of cars & motorcycles. Tire changing. Assembling/disassembling construction machineries, and its maintenance.

1" IMPACT WRENCHES: Changing tires of heavy vehicles. Assembling/disassembling heavy duty construction machineries, and its maintenance. Construction and maintenance of buildings, bridges, railways, highways, oil plants, etc.

AK-156



3/4" Impact Wrench

Pin-hammer clutch

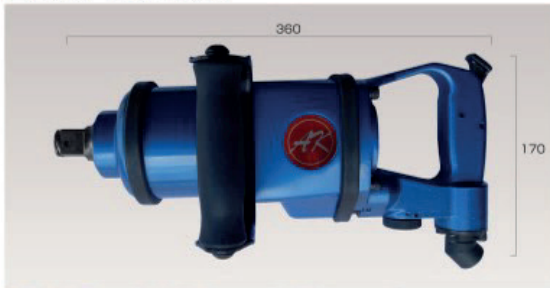
AK-156L



3/4" Impact Wrench with 2.5" long anvil

Pin-hammer clutch

AK-1310S



3/4" Straight Impact Wrench

Twin-hammer clutch

AK-1310



3/4" Straight Impact Wrench with 6" long anvil

Twin-hammer clutch

AK-1320S



1" Light-weight Impact Wrench

Twin-hammer clutch

AK-1320



1" Light-weight Impact Wrench with 7.5" long anvil

Twin-hammer clutch

AK-1350S



1" Impact Wrench

Single pinless hammer clutch, 3-step speed regulator

AK-1350



1" Impact Wrench with 7.5" long anvil

Single pinless hammer clutch, 3-step speed regulator

MODEL	Sq. Drive (mm)	Bolt Cap. (mm)	Torque (N·m)	Free Speed (rpm)	Air Cons. (L/min)	Air Inlet (PT)	Weight (kg)	Length (mm)	Height (mm)	Anvil Length (mm)
AK-156	19	25	900	5,300	680	1/4	3.7	215	215	29
AK-156L	19	25	900	5,300	680	1/4	3.8	253	215	65
AK-1310S	19	25	1,800	3,700	1,250	3/8	6.8	360	170	45
AK-1310	19	25	1,800	3,700	1,250	3/8	7.1	470	170	170
AK-1320S	25.4	36	1,800	3,700	1,250	3/8	7.0	360	170	45
AK-1320	25.4	36	1,800	3,700	1,250	3/8	7.8	510	170	210
AK-1350S	25.4	38	2,000	3,500	1,280	1/2	9.3	360	175	43
AK-1350	25.4	38	2,000	3,500	1,280	1/2	10.8	510	175	193



1" IMPACT WRENCHES

APPLICATIONS:

Changing tires of heavy vehicles. Assembling/disassembling heavy duty construction machineries, and its maintenance. Construction and maintenance of buildings, bridges, railways, highways, oil plants, etc.

AK-145SS



Heavy duty 1" Impact Wrench

Single pinless hammer clutch, 3-step speed regulator

AK-145S



Heavy duty 1" Impact Wrench with 9" long anvil

Single pinless hammer clutch, 3-step speed regulator

AK-1350P



1" pistol grip Impact Wrench

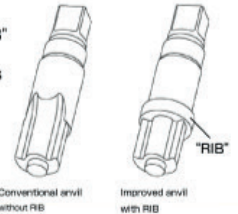
Single pinless hammer clutch, 3-step speed regulator

AK-1350PL



7.5" LONG ANVIL is also available

Improved anvil with "RIB" increases the strength of hammer components by 30%, which makes high durability.



INSIDE THROTTLE LEVER is available for all 1" impact wrenches.

● HANMMER-CLUTCH MECHANISM



SINGLE HAMMER



SINGLE PINLESS



PIN CLUTCH



DOUBLE HAMMER



JUMBO HAMMER



TWIN HAMMER

MODEL	Sq. Drive (mm)	Bolt Cap. (mm)	Torque (N·m)	Free Speed (rpm)	Air Cons. (L/min)	Air Inlet (PT)	Weight (kg)	Length (mm)	Height (mm)	Anvil Length (mm)
AK-145SS	25.4	45	2,500	3,200	1,480	1/2	12.3	410	175	43
AK-145S	25.4	45	2,500	3,200	1,480	1/2	14.8	560	175	235
AK-1350P	25.4	38	2,000	3,500	1,280	1/2	9.6	270	280	43
AK-1350PL	25.4	38	2,000	3,500	1,280	1/2	11.1	420	280	193



GRINDERS & SINGLE ACTION SANDERS

APPLICATIONS:

Paint scraping. Removal of rust, die casting chips, welding spot, etc.

AK-102GL



Mini Angle Grinder

lever throttle
with 50mm quick pad (M6)
& speed controller

AK-102CL



Mini Angle Grinder

lever throttle
with 50mm quick pad
& speed controller

OPTION
1/8 collet, 1/4 collet

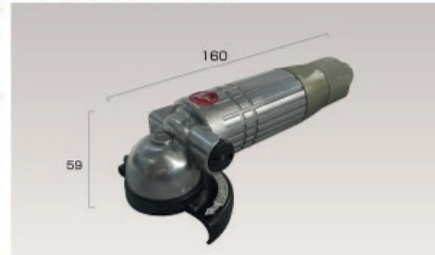
AK-102GR



Mini Angle Grinder

rotary throttle
with 50mm quick pad (M6)
& speed controller

AK-103GR



Super Mini Angle Grinder

rotary throttle
for 50mm grinding disc

AK-103GL



LEVER throttle is also available

AK-104SL



4" Disc Sander/Grinder

lever throttle
with 60 mm backing pad
for upto 100mm grinding disc

AK-104SR



4" Disc Sander/Grinder

rotary throttle
with 60 mm backing pad
for upto 100mm grinding disc

AK-104GL



4" Disc Grinder

lever throttle
for 100mm grinding disc

AK-104GR



4" Disc Grinder

rotary throttle
for 100mm grinding disc

AK-104GRF



5" Sander with FLEXIBLE PAD

rotary throttle
with 123mm flexible pad



Flexible Velcro Pad
Code: 5610

AK-AR07



Turbo Lapper

rotary throttle
0.7mm stroke

MODEL	Disc Size (mm)	Free Speed (rpm)	Air Cons. (L/min)	Air Inlet (PT)	Weight (kg)	Length (mm)	Height (mm)	Noise Level (dBA)
AK-102GL/GR	φ50	22,000	400	1/4	0.53/0.51	135/145	68	80
AK-102CL	collect φ6	22,000	400	1/4	0.50	135	80	80
AK-103GL/GR	φ50	12,500	540	1/4	0.59/0.54	160	59	85
AK-104SL/SR	φ100	13,000	530	1/4	0.95/0.90	180	85	90
AK-104GL/GR	φ100	12,000	680	1/4	1.35/1.30	207	92	92
AK-104GRF	φ123	12,000	680	1/4	1.23	215	92	92
AK-AR07	3	35,000	46	1/4	0.24	146	26	78

DIE GRINDERS & Y-BRUSH

APPLICATIONS:

Removal of rust, die casting chips, welding spot, etc. Grinding & sanding die cast, welding spot, etc.
Any metal grinding. Tire repairing. Chamfering.

AK-125



Mini Die Grinder

safety lever throttle
& speed regulator

OPTION
1/8 collet, 1/4 collet

AK-125AH



Angle Die Grinder

safety lever throttle
& speed regulator

OPTION
1/8 collet, 1/4 collet

AK-130



Die Grinder

safety lever throttle
& speed regulator

OPTION
1/8 collet, 1/4 collet

AK-130C



Die Grinder

safety lever throttle
rear air exhaust
& speed regulator

OPTION
1/8 collet, 1/4 collet

AK-130D



Low-speed Long Die Grinder

Lever throttle
rear air exhaust
& speed controller

OPTION
1/8 collet, 1/4 collet

Y-BRUSH



Nylon Abrasive Brush

for low speed die grinder
under 5000 rpm

Y-320: grit no. 320
Y-240: grit no. 240

AK-1362



Micro Grinder

rotary throttle
with 3mm collet
& 173mm air hose



Carbide Bar 3mm Dia.

AK-1635



Pencil Grinder

rotary throttle
with 6mm collet
& 3mm collet adaptor

AK-1625R



Heavy duty Die Grinder

rotary throttle
with 6mm collet

AK-1625



LEVER throttle is
also available

AK-1625RL Heavy duty Long Die Grinder

rotary throttle with 6mm collet



AK-1625L



LEVER throttle is also available

MODEL	Disc Size (mm)	Free Speed (rpm)	Air Cons. (L/min)	Air Inlet (PT)	Weight (kg)	Length (mm)	Height (mm)	Noise Level (dBA)
AK-125	φ6	27,000	380	1/4	0.30	120	32	86
AK-125AH	φ6	20,000	380	1/4	0.42	123	73	86
AK-130	φ6	24,000	550	1/4	0.53	143	41	85
AK-130C	φ6	22,000	450	1/4	0.57	168	41	91
AK-130D	φ6	4,500	450	1/4	0.73	200	41	91
AK-1362	φ3	56,000	170	1/4	0.25	130	10.5	76
AK-1635	φ3·6	35,000	180	1/4	0.24	146	26	75
AK-1625/1625R	φ6	25,000	300	1/4	0.60/0.62	163/180	37	86
AK-1625L/1625RL	φ6	22,000	300	1/4	0.93/0.95	318/335	37	86



SINGLE ACTION & DOUBLE ACTION SANDERS

APPLICATIONS:

SINGLE ACTION SANDERS: Paint scraping. Removal of rust, die casting chips, welding spot, etc.

DOUBLE ACTION SANDERS: Widely used at various industrial sites, as carbody repairing, wooden working, metal working, FRP working, etc. with U-TOOLS' excellent sanding program. Tools are of low vibration, low gravity center, well-balanced & excellent performance.

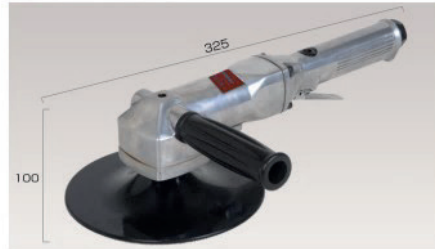
AK-5901



3" Paper Sander

with 70mm backing pad
& speed regulator

AK-580



7" Angle Sander

with 175mm pad
& side handle

AK-803S



Heavy duty Brush Sander

with 75mm nylon brush (M16)
side handle & safety lever



AK-55JI



Dynamic Single Action Sander

10mm orbit dia.
with 5" pad
& speed controller
(6" pad optional)

AK-51



1.2" Mini Double Action Sander

with Glue-on pad 30mm dia.
& speed controller

AK-52



2" Mini Double Action Sander

with Velcro pads 45mm(1.8")
dia.,
72mm(2.8") dia.,
buffering disc 50mm(2") dia.
& speed controller

AK-521



2" Mini Double Action Sander

"Light-weight", composite
housing
with Velcro pad 48mm
& speed controller

AK-54



4" Double Action Sander

with Velcro pad 98mm,
cushion base 98mm
& speed controller

AK-551



5" Double Action Sander

"SPECIAL PAD SYSTEM"

with Velcro pad base 105mm,
hard pad 123mm,
soft pad 123mm
& speed controller

AK-551S



5" Double Action Sander

"Light-weight"

with Velcro pad 123mm
& speed controller

MODEL	Pad / Disc Size (mm)	Free Speed (rpm)	Orbit Dia. (mm)	Air Cons. (L/min)	Pad Screw Size (mm)	Air Inlet (PT)	Weight (kg)	Length (mm)	Height (mm)	Noise Level (dBA)
AK-5901	φ70	18,000	-	400	-	1/4	0.95	107	180	90
AK-580	φ175	4,800	-	630	-	1/4	2.05	325	100	95
AK-803S	M16 screw	5,000	-	460	-	1/4	1.20	205	96	84
AK-55JI	φ123	9,000	10 (Pad amplitude)	350	5/16-24UNF	1/4	1.13	300	91	78
AK-51	φ30	8,500	3	140	5/16-24UNF	1/4	0.48	175	75	75
AK-52	φ45 · 72	10,000	3	280	5/16-24UNF	1/4	0.71	198	95	83
AK-521	φ48	13,000	3	380	M6	1/4	0.85	180	78	85
AK-54	φ98	9,000	5	340	5/16-24UNF	1/4	0.70	165	75	78
AK-551	φ123	9,000	5	340	5/16-24UNF	1/4	0.69	172	75	78
AK-551S	φ123	9,000	5	340	5/16-24UNF	1/4	0.70	172	75	78



DOUBLE ACTION, OSCILLATION SANDERS

APPLICATIONS:

Widely used at various industrial sites, as carbody repairing, wooden working, metal working, FRP working, etc. with U-TOOLS' excellent sanding program. Tools are of low vibration, low gravity center, well-balanced & excellent performance.

AK-55



5" Double Action Sander

with Velcro pad 123mm dia. & speed controller

AK-56



with Velcro pad 148mm dia. & speed controller

AK-55L



5" Double Action Sander

"Light-weight", composite housing with Velcro pad 123mm dia. & speed controller

AK-556



5" Double Action Sander

One hand grip throttle with handle grip, Velcro pad 123mm dia. & speed controller

AK-556J



10mm orbit dia.

with Velcro pad 123mm dia..

AK-55J



5" Double Action Sander

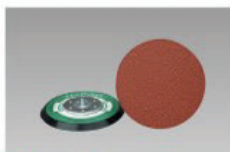
10mm orbit dia.

with Velcro pad 123mm dia. & speed controller

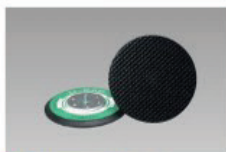
Double action Sander Optional Pad



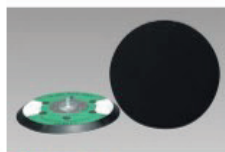
■ Velcro Pad
123mm dia. x 10mm T.
Code: 5500



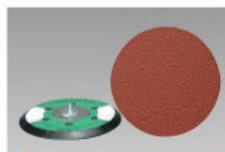
■ Glue-on Pad
123mm dia. x 10mm T.
Code: 5502



■ Glue-on Soft Pad
123mm dia. x 8mm T.
Code: 5504

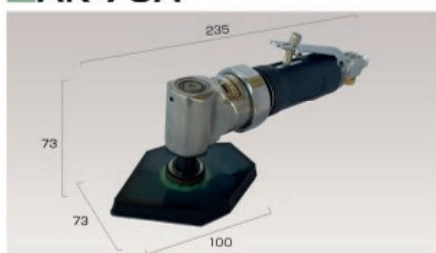


■ Velcro Pad
148mm dia. x 10mm T.
Code: 5531



■ Glue-on Pad
148mm dia. x 10mm T.
Code: 5537

AK-75A



Oscillation Sander

with Pentagon Velcro pad, cushion pad 123mm dia. & speed controller

Angle Of Oscillation



AK-75B



Oscillation Scraper

with scraper & speed controller

Angle Of Oscillation



AK-75C



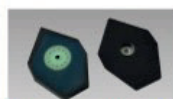
Oscillation Cutter

with semicircle sawblade & speed controller

Angle Of Oscillation



AK-75 Accessories



■ Pentagon Velcro Pad
73mm W. x 100mm L.
(13 holes)
Code: 7495



■ Scraper
34mm W. x 90mm L.
Code: 7494



■ Semicircle Sawblade
78mm dia.
Code: 7492

MODEL	Pad/Disc Size (mm)	Free Speed (rpm)	Orbit Dia. (mm)	Air Cons. (L/min)	Pad Screw Size (mm)	Air Inlet (PT)	Weight (kg)	Length (mm)	Height (mm)	Noise Level (dBA)
AK-55	φ 123	10,000	5	380	5/16-24UNF	1/4	0.90	172	91	78
AK-56	φ 148	10,000	5	380	5/16-24UNF	1/4	0.90	185	91	78
AK-55L	φ 123	10,000	5	400	5/16-24UNF	1/4	0.70	180	88	82
AK-556	φ 123	11,000	6	400	5/16-24UNF	1/4	1.70	265	120	80
AK-55J	φ 123	9,000	10	350	5/16-24UNF	1/4	1.00	175	91	83
AK-556	φ 123	11,000	10	400	5/16-24UNF	1/4	1.70	265	120	80
AK-75	73 x 100	20,000 (Strokes)	3 (Angle)	340	-	1/4	0.66	235	73	67



ORBITAL SANDERS, WET SANDERS

APPLICATIONS:

Widely used at various industrial sites, as carbody repairing, wooden working, metal working, FRP working, etc. High efficiency by high torque motor, low vibration and low gravity center, Less fatigue by well-balanced ergonomic design.

AK-62



Orbital Sander

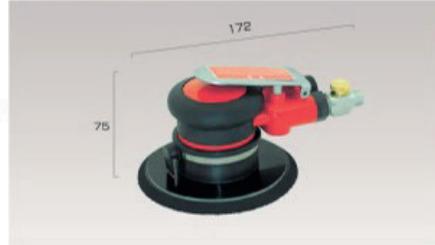
with Velcro pad 71x106mm & speed controller

AK-64



with Velcro pad 71x145mm & speed controller

AK-625



5" Round-Pad Orbital Sander

with Velcro pad 123mm & speed controller

AK-623



with Velcro pad 72mm & speed controller

AK-65



Orbital Sander

5mm orbit dia.

with Velcro pad 72x174mm & speed controller

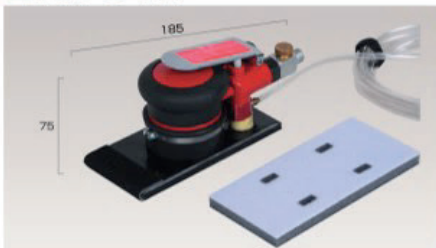
AK-62W



Wet Orbital Sander

with Velcro pad 71x106mm, soft pad, speed controller & water hose 4M

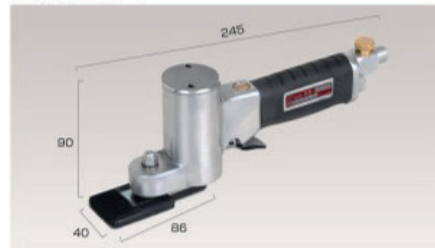
AK-64W



Wet Orbital Sander

with Velcro pad 71x145mm, soft pad, speed controller & water hose 4M

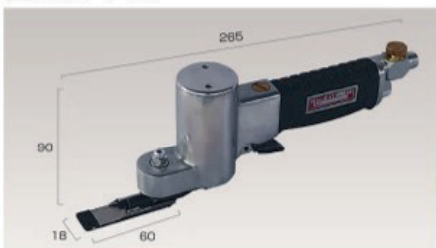
AK-71



Tip Sander

with standard soft edge Velcro pad 40mm(W). & speed controller (hard edge pad & long pad optional)

AK-71F

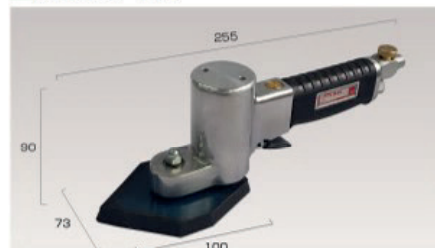


Tip Sander

with quick ON/OFF Velcro pad 18x60mm & speed controller



AK-71Z

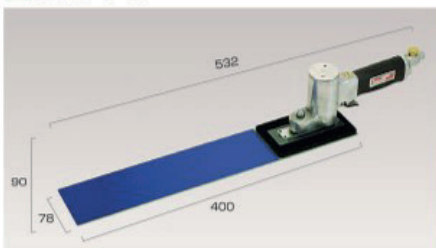


Tip Sander

with Pentagon Velcro pad 73x100mm & speed controller



AK-73



Extra Long Pad Orbital Sander

with glue-on pad 78x400mm & speed controller (Velcro pad optional)



AK-51T



Toile Cutter

with Glue-on pad & speed controller



MODEL	Pad Size (mm)	Free Speed (rpm)	Orbit Dia. (mm)	Air Cons. (L/min)	Air Inlet (PT)	Weight (kg)	Length (mm)	Height (mm)	Noise Level (dBA)
AK-62/64	71x106/71x145	8,500	3	340	1/4	0.74(0.76)	165(185)	75	78
AK-625/623	φ123/φ72	8,500	3	340	1/4	0.74	172(145)	75	78
AK-65	72x174	8,000	5	380	1/4	1.00	193	91	83
AK-62W	71x106	8,500	3	340	1/4	0.78	165	75	78
AK-64W	71x145	8,500	3	340	1/4	0.80	185	75	78
AK-71	40x86	10,000	3	280	1/4	0.71	245	90	83
AK-71F	18x60	10,000	3	280	1/4	0.73	265	90	83
AK-71Z	73x100	10,000	3	280	1/4	0.73	255	90	83
AK-73	78x400	8,000	3	260	1/4	0.79	532	90	88
AK-51T	35x62	8,500	3	140	1/4	0.49	205	75	75



D/A & O/B SANDERS, DUST EXTRACTION

APPLICATIONS:

Strong dust extraction performance due to excellent design makes operators quite comfortable.

AK-54D



4" Double Action Sander

Dust Extraction with Velcro pad 98mm, speed controller, air exhaust hose & dust bag

AK-551D



5" Double Action Sander

"SPECIAL PAD SYSTEM"

Dust Extraction with Velcro pad base 105mm, hard pad 123mm, soft pad 123mm, speed controller, air exhaust hose & dust bag

AK-551SD



5" Double Action Sander

"Light-weight"

Dust Extraction with Velcro pad 123mm, speed controller, air exhaust hose & dust bag

AK-55D



5" Double Action Sander

Dust Extraction with Velcro pad 123mm, speed controller, air exhaust hose & dust bag

AK-56D



6" Double Action Sander

Dust Extraction with Velcro pad 148mm, speed controller, air exhaust hose & dust bag

AK-55LD



5" Double Action Sander

Dust Extraction "Light-weight", composite housing with Velcro pad 123mm & speed controller, air exhaust hose & dust bag

AK-55JD



5" Double Action Sander

Dust Extraction 10mm orbit dia. with Velcro pad 123mm, speed controller, air exhaust hose & dust bag

AK-62D



Orbital Sander

Dust Extraction with Velcro pad 71x106mm, speed controller, air exhaust hose & dust bag

AK-64D



Orbital Sander

Dust Extraction with Velcro pad 71x145mm, speed controller, air exhaust hose & dust bag

AK-65D



Orbital Sander

5mm orbit dia.

Dust Extraction with Velcro pad 72x174mm, speed controller, air exhaust hose & dust bag

MODEL	Pad / Disc Size (mm)	Free Speed (rpm)	Orbit Dia. (mm)	Air Cons. (L/min)	Pad Screw Size (mm)	Air Inlet (PT)	Weight (kg)	Length (mm)	Height (mm)	Noise Level (dBA)
AK-54D	φ98	8,500	5	340	5/16-24UNF	1/4	0.73	213	75	78
AK-551D	φ123	8,500	5	340	5/16-24UNF	1/4	0.75	225	75	78
AK-551SD	φ123	8,500	5	340	5/16-24UNF	1/4	0.75	225	75	78
AK-55D	φ123	8,500	5	380	5/16-24UNF	1/4	0.96	225	91	78
AK-56D	φ123	8,500	5	380	5/16-24UNF	1/4	0.96	237	91	78
AK-55LD	φ123	10,000	5	400	5/16-24UNF	1/4	0.74	193	88	82
AK-55JD	φ123	9,000	10	350	5/16-24UNF	1/4	1.07	225	91	83
AK-62D	71 x 106	8,500	3	340	-	1/4	0.80	215	75	78
AK-64D	71 x 145	8,500	3	340	-	1/4	0.82	265	75	78
AK-65D	72 x 174	8,000	5	380	-	1/4	1.07	250	91	83

APPLICATIONS:

POLISHERS: Polishing & finishing on paint-coated surface.

AK-83P



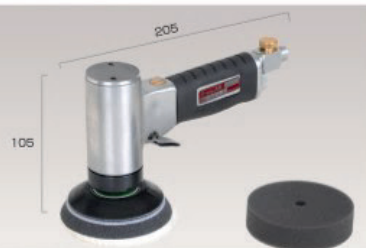
Mini Angle Polisher

High torque
with 72mm Velcro pad,
80mm polishing disc
& speed controller

OPTION : Side Handle
(Code No.4378)



AK-83HP



Mini Angle Polisher

with 72mm Velcro pad,
80x5mm polishing disc,
80x20mm buffering disc
& speed controller

AK-85V



Vertical Polisher / Sander

with 123x15mm Velcro
"B" pad
& speed controller

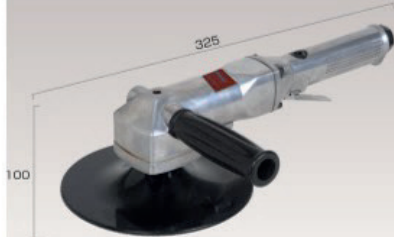
AK-102GP



High-speed Mini Polisher

with 45mm Velcro pad,
50x5mm polishing disc
& speed controller

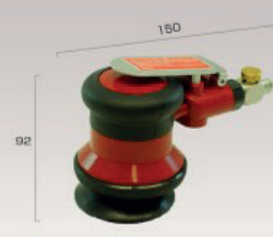
AK-585



8" Angle Polisher

with 175mm backing disc,
side handle
& speed regulator

AK-53SP



Polishing Sander

Sanding / polishing by 12mm
orbit dia.
with 72mm Velcro pad
& speed controller

AK-55P



Wax Polisher

with Velcro pad 123mm,
two buffering discs
& speed controller

AK-62P



Glass Polisher

with Velcro pad 71x106mm,
2 buffering pads,
glass compound
& speed controller

AK-EP83 (14.4V, 2.0A)



Cordless Mini Polisher

with 72mm Velcro "R" pad,
80mm Wool Buffering Disc,
80mm Urethane Buffering Disc,
Battery Pack & Battery Charger

OPTION : Side Handle
(Code No.4799)



AK-EDP12V



Double Action Polisher (12mm Orbit dia.)

with 120mm Velcro pad,
150mm Wool Buffering Disc,
150mm Urethane Buffering Disc
& speed controller

AC 100V

MODEL	Pad Size (mm)	Free Speed (rpm)	Orbit Dia. (mm)	Air Cons. (L/min)	Air Inlet (PT)	Weight (kg)	Length (mm)	Height (mm)	Noise Level (dBA)
AK-83P	φ72	2,500	-	350	1/4	0.70	185	75	84
AK-83HP	φ72	3,500	-	380	1/4	0.78	205	105	88
AK-85V	φ123	3,000	-	450	1/4	1.14	232	145	82
AK-102GP	φ45	22,000	-	400	1/4	0.49	135	65	80
AK-585	φ175	2,400	-	630	1/4	2.05	325	100	95
AK-53SP	φ72	10,000	12	380	1/4	0.94	150	92	78
AK-55P	φ123	8,500	5	340	1/4	0.92	172	91	78
AK-62P	71×106	8,500	3	340	1/4	0.74	165	75	78
MODEL	Pad Size (mm)	Free Speed (rpm)	Orbit Dia. (mm)	Power Cons.	Voltage (V)	Weight (kg)	Length (mm)	Height (mm)	Power Cord (m)
AK-EP83	φ72	3,000	-	2.0A	14.4	1.00	140	178	-
AK-EDP12V	φ120	4,800	12	1,010W	100	2.92	250	252	2.5



VARIOUS TOOLS & BELT SANDERS

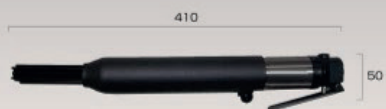
APPLICATIONS:

NEEDLE SCALER/FLUX CHIPPER: Rust removal, scraping. BEVELLER: chamfering & deburring small holes.

BURR REMOVER: Chamfering die cast mould. PARTICLE REMOVER: Particle removal.

MANUAL SANDER: Finishing sanding.

AK-25S



Needle Scaler (Straight Grip)

with 19 needles and a chisel

Flux Chipper



AK-20P



Needle Scaler (Pistol Grip)

with 13 needles and a chisel

Flux Chipper



AK-7902



Burr Remover

with chamfer bit
& extension bar (50mm)

Attaching the extension bar



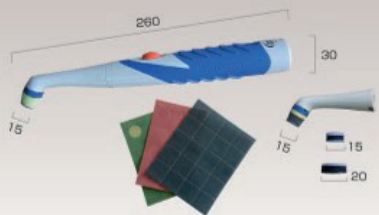
AK-725S



Mini Beveller

with 3 cutting chips

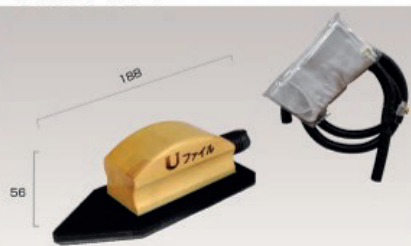
AK-15



Mini Particle Remover

with soft pad unit,
hard pad unit,
15mm hard pad
& 20mm pad base,
tolecut paper
(Grit No.1500, 2000, 3000)

AK-FILE



Manual Finishing Sander

dust extraction model

complete unit with square
& pentagonal pads, dust hose
& bag, & air regulator
Swivel air inlet.

Non-dust extraction model
is also available.



AK-110M



Belt Sander

10/12 x 330mm belt

with speed regulator

AK-120M



Belt Sander

20 x 520mm belt

with speed regulator

AK-113M Belt Sander

with speed regulator

113M-A



10/12 x 330mm belt

113M-B



3 x 330mm belt

113M-C



10/12 x 330mm belt
(Large contact wheel)

113M-E



18 x 330mm belt

MODEL	Piston Dia. (mm)	Piston Stroke (mm)	Blows (bpm)	Air Cons. (L/min)	Air Inlet (PT)	Weight (kg)	Length (mm)	Height (mm)
AK-25S	25	22	4,000	400	1/4	2.6(scaler)/1.7(chipper)	410(scaler)/232(chipper)	50
AK-20P	20	12	4,000	250	1/4	2.7(scaler)/1.8(chipper)	395(scaler)/198(chipper)	165
MODEL	Bevelling Capacity (mm)	Mini-Hole Dia. (mm)	Hole Dia. Range (mm)	Air Cons. (L/min)	Air Inlet (PT)	Weight (kg)	Length (mm)	Height (mm)
AK-725S	Max. 1.5C	6.8	-	450	1/4	0.40	112	85
AK-7902	-	-	1-20	350	1/4	0.50	165	57
MODEL	Size (mm)	Free Speed (rpm)	Air Cons. (L/min)	Air Inlet (PT)	Weight (kg)	Length (mm)	Height (mm)	Noise Level (dBA)
AK-110M	10/12x330	17,000	450	1/4	0.79	315	50	84
AK-120M	20x520	17,000	450	1/4	1.23	385	50	84
AK-113M	-	17,000	450	1/4	0.86	313	50	84
AK-15	-	5,000(Stroke)	Dry Cell AAAx4	0.20	260	30	-	-



SANDING PADS & ACCESSORIES

●For
83P, 83HP & 52



■ Velcro Soft Pad
40mm dia. x 10mm T.
Code: 5507



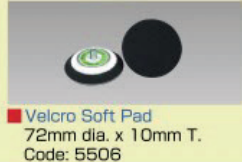
■ Velcro Pad
45mm dia. x 10mm T.
Code: 5508



■ Buffering Disc
50mm dia. x 5mm T.
Code: 5513



■ Urethane Buffer(fine)
50mm dia. x 20mm T.
Code: 5906



■ Velcro Soft Pad
72mm dia. x 10mm T.
Code: 5506



■ Velcro Pad
72mm dia. x 10mm T.
Code: 5544



■ Buffering Disc
80mm dia. x 5mm T.
Code: 5511



■ Thick Buffer
80mm dia. x 15mm T.
Code: 5510



■ Urethane Buffer(fine)
80mm dia. x 20mm T.
Code: 5512

●For
85V & 83P



■ "B" Velcro Pad
92mm dia. x 15mm T.
Code: 5523



■ "B" Velcro Pad
98mm dia. x 15mm T.
Code: 5550



■ Buffer
110mm dia. x 15mm T. x 10mm
dia. hole
Code: 5520



■ Urethane Buffer(fine)
110mm dia. x 20mm T. x 10mm
dia. hole
Code: 5538

●For
85V



■ "B" Velcro Pad
123mm dia. x 15mm T.
Code: 5547



■ Buffering Disc
150mm dia. x 15mm T.
Code: 5904



■ Buffer
150mm dia.
Code: 5903



■ Urethane Buffer(fine)
150mm dia. x 30mm T. x 30mm
dia. hole
Code: 5514

●For
54, 54D



■ Velcro Soft Pad
98mm dia. x 10mm T.
Code: 5524



■ Cushion Base
98mm dia. x 10mm T.
Code: 5529



●For
55D, 56D,
55LD, 55JD



■ Cushion Base
123mm dia. x 10mm T.
Code: 5519



■ Velcro Pad
123mm dia. x 10mm T.
Code: 5501



■ Glue-on Pad
123mm dia. x 10mm T.
Code: 5503



■ Velcro Pad
148mm dia. x 10mm T. (9 holes)
Code: 5530



■ Velcro Pad
148mm dia. x 10mm T. (15 holes)
Code: 5573



■ Velcro Pad
148mm dia. x 10mm T. (7 holes)
Code: 5532

●For
551 & 551D



■ Velcro Pad
123mm dia. x 10mm T. (7holes)
Code: 5563



■ Velcro Pad
123mm dia. x 10mm T.
Code: 5564



■ Glue-on Pad
123mm dia. x 10mm T.
Code: 5565



■ Velcro Pad Base
105mm dia. x 2mm T.
Code: 5902

●For
62, 64, 62D, 64D



■ Velcro Soft Disc
72mm W. x 106mm L. x 10mm T.
Code: 5900



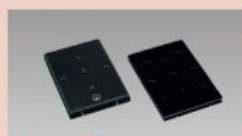
■ Velcro Hard Disc
75mm W. x 110mm L. x 10mm T.
Code: 5901



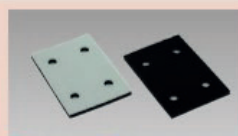
■ Glue-on Hard Disc
123mm dia. x 10mm T.
Code: 5907



■ Velcro Soft Disc
72mm W. x 148mm L. x 10mm T.
Code: 5899



■ Velcro Pad
71mm W. x 106mm L. x 10mm T.
Code: 4478



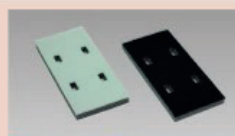
■ Cushion Pad
72mm W. x 106mm L. x 5mm T.
Code: 5535



■ Oil-removal Buffer
75mm W. x 110mm L. x 10mm T.
Code: 5536



■ Velcro Pad
71mm W. x 145mm L. x 10mm T.
Code: 4730



■ Cushion Pad
72mm W. x 148mm L. x 10mm T.
Code: 5533

SANDING PADS & ACCESSORIES

●For 62W, 64W  ■Velcro Pad 71mm W. x 106mm L. x 10mm T. Code: 4720	●For 623, 625  ■Velcro Pad 71mm W. x 145mm L. x 10mm T. Code: 4714	●For 65, 65D  ■Velcro Pad 72mm W. x 174mm L. Code: 4770	●For 71  ■Velcro Pad 72mm W. x 174mm L. Code: 4760
●For 310  ■Velcro Pad(5mm dia. spindle) 20mm W. x 63mm L. x 9mm T. ●Straight(A Set): 31098 ●Step(B Set): 31099	■Soft Edge Velcro Pad 40mm W. x 86mm L. x 10mm T. Code: 7020	■Hard Edge Velcro Pad 40mm W. x 86mm L. x 10mm T. Code: 7021	■Long Velcro Pad 32mm W. x 123mm L. x 10mm T. Code: 5539
●For 51  ■Velcro Pad Base 30mm dia. x 2.5mm T. Code: 4276	■Glue-on Soft Disc 30mm dia. x 7mm T. Code: 4275	●For 102-series  ■2" Abrasive Disc 50mm dia. Grid 60	■Quick Pad 50mm dia. (6mm dia. spindle) Code: 5400
●For EP83  ■Battery Capacity: 2.0Ah Code: EP83200	■Charger Power: 100~240V Code: EP83100	■Velcro Pad 72mm dia. x 10mm T. Code: 5544R	●For 585  ■Velcro Pad(M6) 45mm dia. x 10mm T. Code: 5551
●For EDP12V  ■Velcro Pad Base 120mm dia. Code: 4566	■Bore Buffer 150mm dia. x 30mm T. x 30mm dia. hole Code: 5926	■Buffer 190mm dia. Code: 5917	■Velcro Pad(M6) 48mm dia. x 10mm T. Code: 5552
■Exhaust hose 19mm dia. x 1.6m Code: 4443	■Dust bag Code: 4445	■Speed Controller Code: 4362	■Swivel Air Regulator Code: 4381
■Belt Paper For 113M ●Arm B: 3 x 330mm ●Arm E: 18 x 330mm			