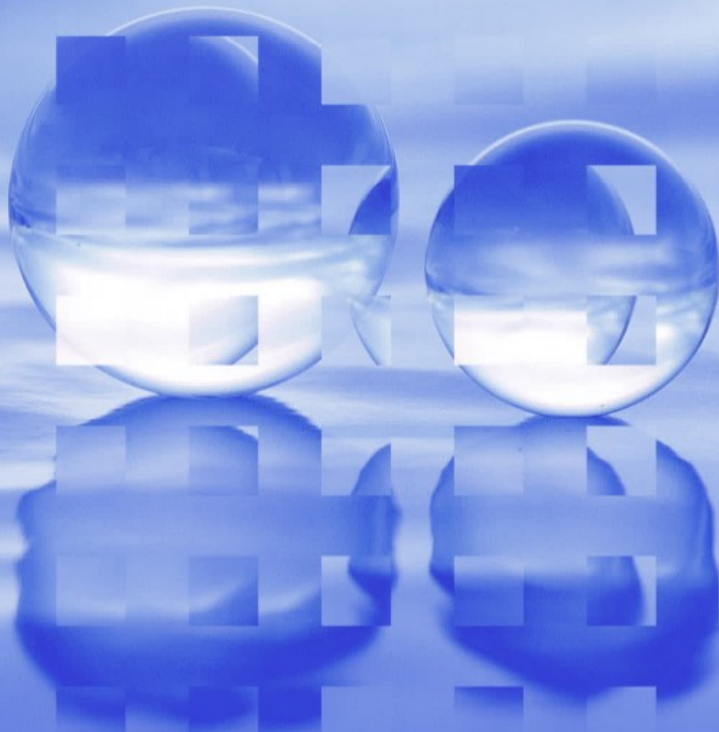




**Pneumatic & Power Tools**

# **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-1901



3/8" Handy Ratchet Wrench

### AK-1902



3/8" Mini Ratchet Wrench

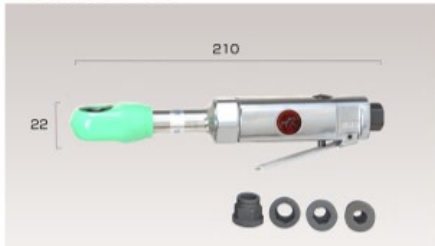
### AK-131



1/2" 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

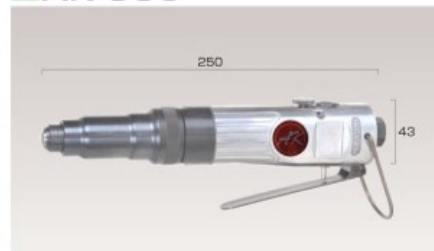
### AK-527



#### 1/2" Reversible Drill

13mm cap.  
with side handle

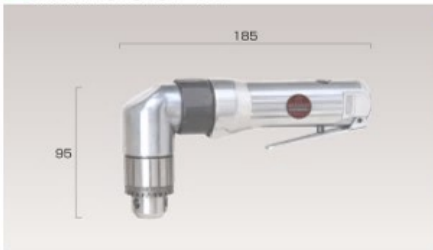
### AK-830



#### Screwdriver, straight

1/4"(6.35mm) hex. drive

### AK-500AH



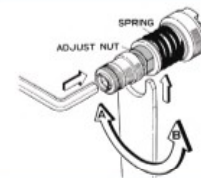
#### 3/8" Angle-head Drill

10mm cap.

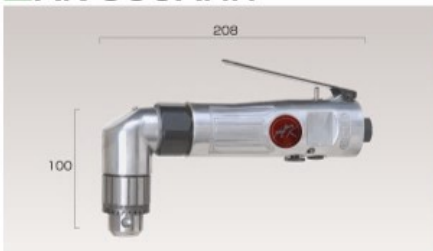
#### How to change torque for AK-810,AK-810-8,AK-830

- 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

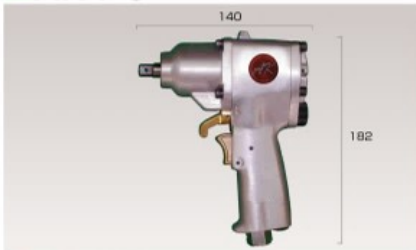
Pin-hammer clutch  
4-step speed regulator built-in

### 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	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

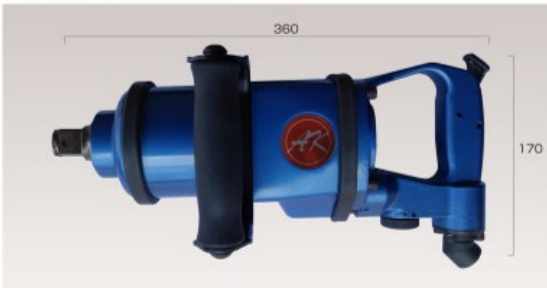
### AK-156L



**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

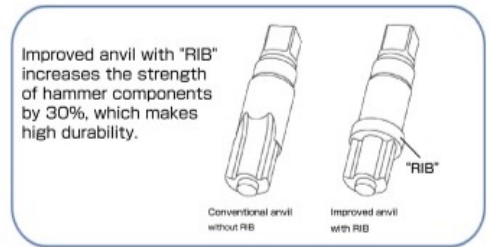


**1" pistol grip Impact Wrench**  
Single pinless hammer clutch, 3-step speed regulator

### AK-1350PL



7.5" LONG ANVIL is also available



## ● 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 lever throttle

OPTION  
1/8 collet, 1/4 collet

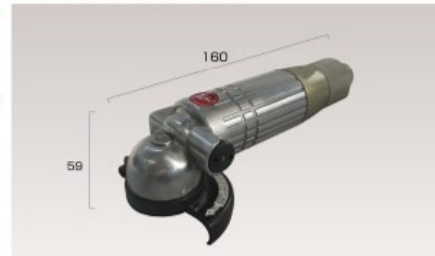
### AK-102GR



#### Mini Angle Grinder

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

### 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

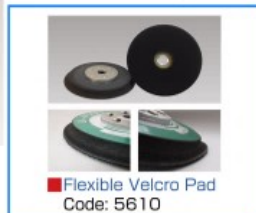
rotary throttle for 100mm grinding disc

### 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

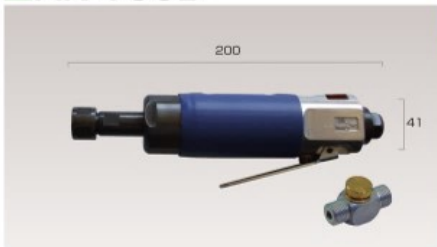


#### Die Grinder

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.

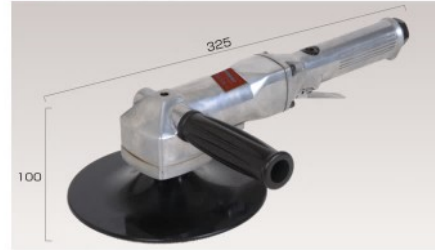
### AK-5901



#### 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

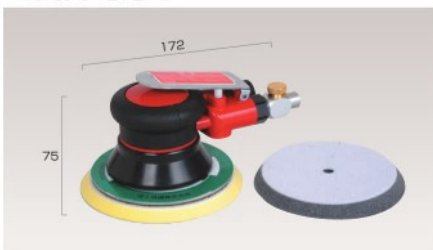
### AK-54



#### 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	φ 70	18,000	-	400	-	1/4	0.95	107	180	90
AK-580	φ 175	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	φ 123	9,000	10 (Pad amplitude)	350	5/16-24UNF	1/4	1.13	300	91	78
AK-51	φ 30	8,500	3	140	5/16-24UNF	1/4	0.48	175	75	75
AK-52	φ 45 · 72	10,000	3	280	5/16-24UNF	1/4	0.71	198	95	83
AK-521	φ 48	13,000	3	380	M6	1/4	0.85	180	78	85
AK-54	φ 98	9,000	5	340	5/16-24UNF	1/4	0.70	165	75	78
AK-551	φ 123	9,000	5	340	5/16-24UNF	1/4	0.69	172	75	78
AK-551S	φ 123	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

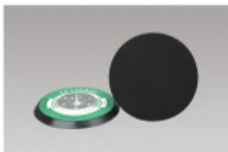


#### 5" Double Action Sander

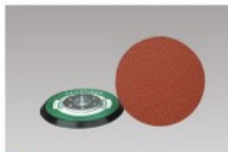
10mm orbit dia.

with Velcro pad 123mm dia. & speed controller

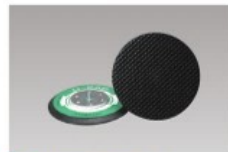
## Double action Sander Optional Pad



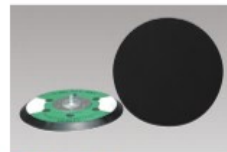
■ Velcro Pad  
123mm dia. x 10mm T.  
Code: 5500



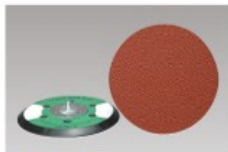
■ Glue-on Pad  
123mm dia. x 10mm T.  
Code: 5502



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

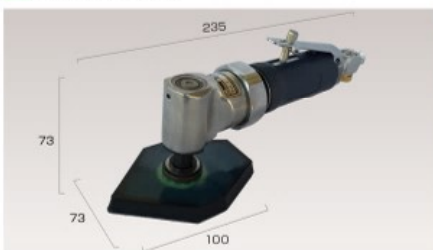


■ Velcro Pad  
148mm dia. x 10mm T.  
Code: 5531



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

### AK-75A



#### Oscillation Sander

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

Angle Of Oscillation



### AK-75B



#### Oscillation Scraper

with scraper & speed controller

Angle Of Oscillation



### AK-75C



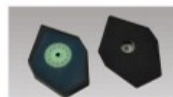
#### Oscillation Cutter

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 ergonomical 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

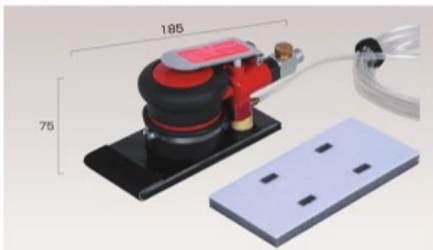
### AK-62W



#### Wet Orbital Sander

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

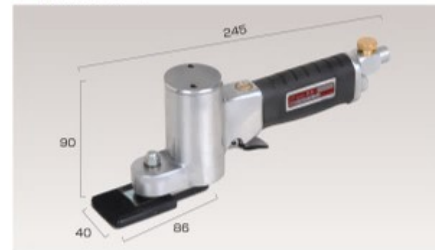
### AK-64W



#### 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



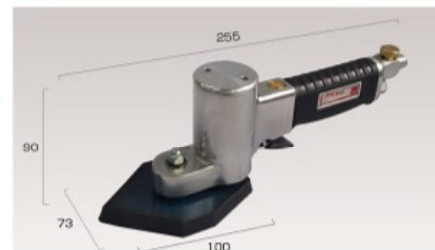
#### Tip Sander

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



■ Velcro Pad 18x60mm Code: 7048

### AK-71Z



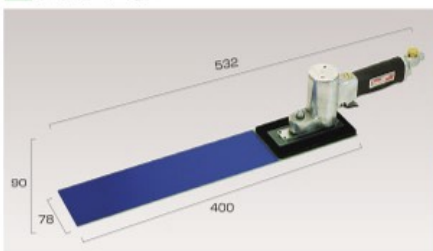
#### Tip Sander

with Pentagon Velcro pad 73x100mm & speed controller



■ Velcro Pad 73x100mm Code: 7495-2

### AK-73



#### Extra Long Pad Orbital Sander

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



■ Glue-on Extra Long pad Code: 5600

### AK-51T



#### Toile Cutter

with Glue-on pad & speed controller



■ Glue-on pad Code: 4293

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 "Light-weight", composite housing

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

### AK-55JD



#### 5" Double Action Sander 10mm orbit dia.

Dust Extraction 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

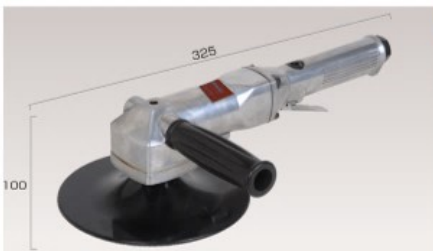
### AK-102GP



#### High-speed Mini Polisher

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

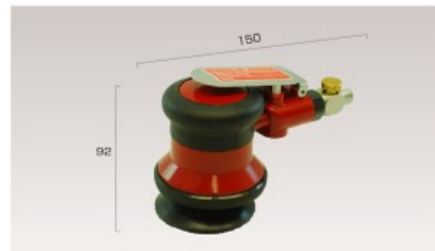
### AK-585



#### 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	71x106	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



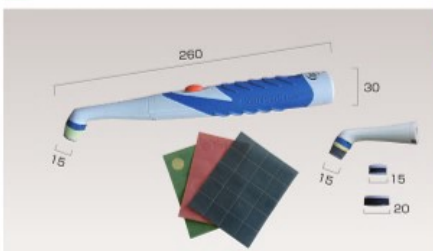
### AK-725S



#### 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

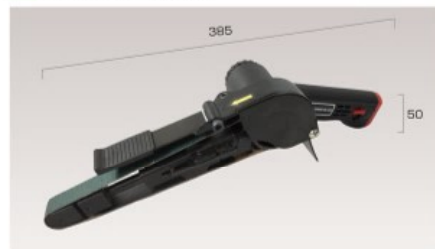


#### Belt Sander

10/12 x 330mm belt

with speed regulator

### AK-120M

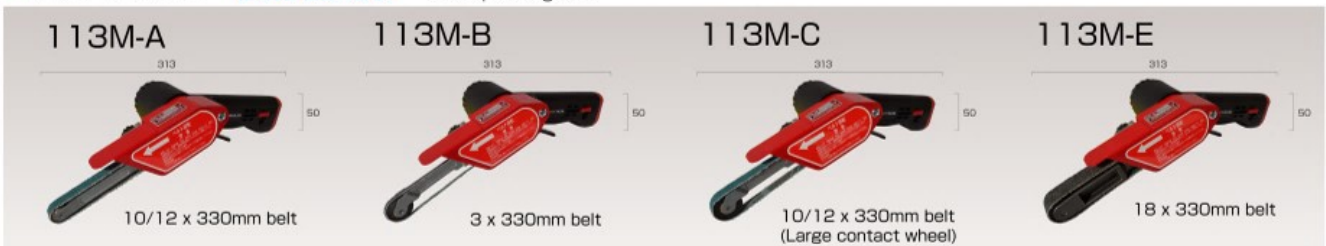


#### Belt Sander

20 x 520mm belt

with speed regulator

### AK-113M Belt Sander with speed regulator



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

<p>● For 83P, 83HP &amp; 52</p> 	 <p>■ Velcro Soft Pad 40mm dia. x 10mm T. Code: 5507</p>	 <p>■ Velcro Pad 45mm dia. x 10mm T. Code: 5508</p>	 <p>■ Buffering Disc 50mm dia. x 5mm T. Code: 5513</p>	 <p>■ Urethane Buffer(fine) 50mm dia. x 20mm T. Code: 5906</p>	
	 <p>■ Velcro Soft Pad 72mm dia. x 10mm T. Code: 5506</p>	 <p>■ Velcro Pad 72mm dia. x 10mm T. Code: 5544</p>	 <p>■ Buffering Disc 80mm dia. x 5mm T. Code: 5511</p>	 <p>■ Thick Buffer 80mm dia. x 15mm T. Code: 5510</p>	 <p>■ Urethane Buffer(fine) 80mm dia. x 20mm T. Code: 5512</p>
<p>● For 85V &amp; 83P</p> 	 <p>■ "B" Velcro Pad 92mm dia. x 15mm T. Code: 5523</p>	 <p>■ "B" Velcro Pad 98mm dia. x 15mm T. Code: 5550</p>	 <p>■ Buffer 110mm dia. x 15mm T. x 10mm dia.hole Code: 5520</p>	 <p>■ Urethane Buffer(fine) 110mm dia. x 20mm T. x 10mm dia.hole Code: 5538</p>	
	 <p>■ "B" Velcro Pad 123mm dia. x 15mm T. Code: 5547</p>	 <p>■ Buffering Disc 150mm dia. x 15mm T. Code: 5904</p>	 <p>■ Buffer 150mm dia. Code: 5903</p>	 <p>■ Urethane Buffer(fine) 150mm dia. x 30mm T. x 30mm dia. hole Code: 5514</p>	
<p>● For 85V</p> 	 <p>■ "B" Velcro Pad 123mm dia. x 15mm T. Code: 5547</p>	 <p>■ Buffering Disc 150mm dia. x 15mm T. Code: 5904</p>	 <p>■ Buffer 150mm dia. Code: 5903</p>	 <p>■ Urethane Buffer(fine) 150mm dia. x 30mm T. x 30mm dia. hole Code: 5514</p>	
	 <p>■ Velcro Soft Pad 98mm dia. x 10mm T. Code: 5524</p>	 <p>■ Cushion Base 98mm dia. x 10mm T. Code: 5529</p>	 <p>■ Cushion Base 123mm dia. x 10mm T. Code: 5519</p>		
<p>● For 54, 54D</p> 	 <p>■ Velcro Pad 123mm dia. x 10mm T. Code: 5501</p>	 <p>■ Glue-on Pad 123mm dia. x 10mm T. Code: 5503</p>	 <p>■ Velcro Pad 148mm dia. x 10mm T. (9 holes) Code: 5530</p>	 <p>■ Velcro Pad 148mm dia. x 10mm T. (15 holes) Code: 5573</p>	 <p>■ Velcro Pad 148mm dia. x 10mm T. (7 holes) Code: 5532</p>
	 <p>■ Velcro Pad 123mm dia. x 10mm T. (7holes) Code: 5563</p>	 <p>■ Velcro Pad 123mm dia. x 10mm T. Code: 5564</p>	 <p>■ Glue-on Pad 123mm dia. x 10mm T. Code: 5565</p>	 <p>■ Velcro Pad Base 105mm dia. x 2mm T. Code: 5902</p>	
<p>● For 551 &amp; 551D</p> 	 <p>■ Velcro Soft Disc 123mm dia. x 10mm T. Code: 5900</p>	 <p>■ Velcro Hard Disc 123mm dia. x 10mm T. Code: 5901</p>	 <p>■ Glue-on Hard Disc 123mm dia. x 10mm T. Code: 5907</p>	 <p>■ Velcro Soft Disc 123mm dia. x 10mm T. Code: 5899</p>	
	 <p>■ Velcro Pad 71mm W. x 106mm L. x 10mm T. Code: 4478</p>	 <p>■ Cushion Pad 72mm W. x 106mm L. x 5mm T. Code: 5535</p>	 <p>■ Oil-removal Buffer 75mm W. x 110mm L. x 10mm T. Code: 5536</p>	 <p>■ Velcro Pad 71mm W. x 145mm L. x 10mm T. Code: 4730</p>	 <p>■ Cushion Pad 72mm W. x 148mm L. x 10mm T. Code: 5533</p>



# SANDING PADS & ACCESSORIES

<p>●For 62W, 64W</p>  <p>■ Velcro Pad 71mm W. x 106mm L. x 10mm T. Code: 4720</p>	<p>●For 623, 625</p>  <p>■ Velcro Pad 72mm W. x 174mm L. Code: 4770</p>	<p>●For 65, 65D</p>  <p>■ Velcro Pad 72mm W. x 174mm L. Code: 4760</p>	<p>●For 71</p> 
<p>■ Velcro Pad 71mm W. x 145mm L. x 10mm T. Code: 4714</p>	<p>■ Velcro Pad 72mm dia. 72mm dia. Code: 5591</p>	<p>■ Velcro Pad 123mm dia. 123mm dia. Code: 5570</p>	<p>■ Velcro Pad (5mm dia. spindle) 20mm W. x 63mm L. x 9mm T. ●Straight(A Set): 31098 ●Step(B Set): 31099</p>
<p>●For 310</p> 	<p>■ Soft Edge Velcro Pad 40mm W. x 86mm L. x 10mm T. Code: 7020</p>	<p>■ Hard Edge Velcro Pad 40mm W. x 86mm L. x 10mm T. Code: 7021</p>	<p>■ Long Velcro Pad 32mm W. x 123mm L. x 10mm T. Code: 5539</p>
<p>●For 51</p> 	<p>■ Glue-on Soft Disc 30mm dia. x 7mm T. Code: 4275</p>	<p>●For 102-series</p> 	<p>■ 2" Abrasive Disc 50mm dia. Grid 60</p>
<p>■ Velcro Pad Base 30mm dia. x 2.5mm T. Code: 4276</p>	<p>■ Quick Pad 50mm dia. (6mm dia. spindle) Code: 5400</p>	<p>■ Quick Pad (M6) 50mm dia. Code: 5401</p>	<p>■ Velcro Pad(M6) 45mm dia. x 10mm T. Code: 5551</p>
<p>■ Glue-on Hard Disc 30mm dia. x 7mm T. Code: 4274</p>	<p>■ Battery Capacity: 2.0Ah Code: EP83200</p>	<p>■ Charger Power: 100~240V Code: EP83100</p>	<p>■ Velcro Pad 72mm dia. x 10mm T. Code: 5544R</p>
<p>●For EP83</p> 	<p>■ Velcro Pad Base 120mm dia. Code: 4566</p>	<p>■ Bore Buffer 150mm dia. x 30mm T. x 30mm dia. hole Code: 5926</p>	<p>●For 585</p> 
<p>●For EDP12V</p> 	<p>■ Buffer 190mm dia. Code: 5917</p>	<p>■ Velcro Pad 180mm dia. Code: 3250</p>	<p>■ Exhaust hose 19mm dia. x 1.6m Code: 4443</p>
<p>■ Dust bag Code: 4445</p>	<p>■ Speed Controller Code: 4362</p>	<p>■ Swivel Air Regulator Code: 4381</p>	<p>■ Belt Paper For 113M ●Arm B: 3 x 330mm ●Arm E: 18 x 330mm</p>

DISTRIBUTOR

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