



AIR TOOL GENERAL CATALOGUE



AIR TOOLS

FASTENING TOOLS

SPECIALTY TOOLS

SANDING TOOLS/POLISHING TOOLS

DRILLING TOOLS/GRINDING TOOLS

CUTTING TOOLS

FC FASTENING SYSTEM

Fastening Tool /Nut Runner

POWER TORQUE SETTER

Advanced Torque Control Tool

PTS-150EX



Display Panel



Control Panel



Drive Size	1/2 in.	12.7 mm
Torque Range	50-150 Nm (1 Nm by Step)	
Length	10-15/16 in.	277.0 mm
Weight	5.5 lbs	2.5 kg
Free Speed	120 r.p.m.	
Air Consumption	8.1 c.f.m.	0.23 m ³ (normal)/min.
Hose size	1/4 in.	6.5 mm

PTS-450EX



Control Panel



Drive Size	3/4 in.	19.0 mm
Torque Range	140-450 Nm (1 Nm by Step)	
Length	13-15/16 in.	354.0 mm
Weight	11.7 lbs	5.3 kg
Free Speed	100 r.p.m.	
Air Consumption	13.4 c.f.m.	0.38 m ³ (normal)/min.
Hose size	1/4 in.	6.5 mm

※Measurements are without a socket and a reaction force absorber.

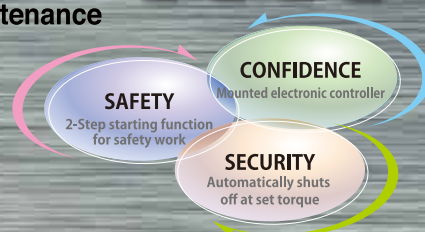
※Performance figures are at 0.62MPa(Pe)(90P.S.I.)air pressure.

Main Features

1. Extremely accurate (5%)
2. Extremely low vibration & low noise
3. Auto shut-off
4. Air motor, battery operating CPU
5. KUKEN original torque sensor
6. Various reactive force absorbers
7. Data saving systems

Application

1. Various assembly applications
2. Wheel settings for bus and trucks
3. Public transportation maintenance
4. Power plant maintenance



PTS-600EX



Drive Size	3/4 in.	19.0 mm
Torque Range	140-600 Nm (1 Nm by Step)	
Length	13-15/16 in.	354.0 mm
Weight	11.7 lbs	5.3 kg
Free Speed	100 r.p.m.	
Air Consumption	13.4 c.f.m.	0.38 m ³ (normal)/min.
Hose size	1/4 in.	6.5 mm

PTS-600EX-L



Drive Size	3/4 in.	19.0 mm
Torque Range	140-600 Nm (1 Nm by Step)	
Length	17-7/8 in.	454.0 mm
Weight	13.4 lbs	6.1 kg
Free Speed	100 r.p.m.	
Air Consumption	13.4 c.f.m.	0.38 m ³ (normal)/min.
Hose size	1/4 in.	6.5 mm

※Measurements are without a socket and a reaction force absorber.
 ※Performance figures are at 0.62MPa(Pe)(90P.S.I.)air pressure.

Data Saving System

PTS-LOG System (Memory Cartridge)



PTS-COM System (Real Time)



Fastening Tool /Nut Runner

POWER TORQUE SETTER

Advanced Torque Control Tool



PTS-1000E



PTS-1000E

PTS-800EX



Drive Size	1 in.	25.4 mm
Torque Range	400-800 Nm (1 Nm by Step)	
Length	15-15/16 in.	404.0 mm
Weight	14.1 lbs	6.4 kg
Free Speed	90 r.p.m.	
Air Consumption	13.4 c.f.m.	0.38 m ³ (normal)/min.
Hose size	3/8 in.	9.5 mm

PTS-800EX-L



Drive Size	1 in.	25.4 mm
Torque Range	400-800 Nm (1 Nm by Step)	
Length	18-11/16 in.	474.0 mm
Weight	15.2 lbs	6.9 kg
Free Speed	90 r.p.m.	
Air Consumption	13.4 c.f.m.	0.38 m ³ (normal)/min.
Hose size	3/8 in.	9.5 mm

※Measurements are without a socket and a reaction force absorber.

※Performance figures are at 0.62MPa(Pe)(90P.S.I.) air pressure.

PTS-800ES / PTS-800E



PTS-800E : Designed for fastening only.

Drive Size	1 in.	25.4 mm
Torque Range(ES)	400-800 Nm (1 Nm by Step)	
Torque Range(E)	400-800 Nm (10 Nm by Step)	
Length(ES)	20-5/8 in.	523.0 mm
Length(E)	25-7/16 in.	646.0 mm
Weight(ES)	22.0 lbs	10.0 kg
Weight(E)	26.0 lbs	11.8 kg
Free Speed	125 r.p.m.	
Air Consumption	19.8 c.f.m.	0.56 m ³ (normal)/min.
Hose size	3/8 in.	9.5 mm

PTS-1000ES / PTS-1000E



Drive Size	1 in.	25.4 mm
Torque Range	400-1000 Nm (10 Nm by Step)	
Length(ES)	19-3/16 in.	486.0 mm
Length(E)	28-7/16 in.	722.0 mm
Weight(ES)	24.4 lbs	11.1 kg
Weight(E)	33.0 lbs	15.0 kg
Free Speed	135 r.p.m.	
Air Consumption	21.4 c.f.m.	0.60 m ³ (normal)/min.
Hose size	1/2 in.	12.7 mm

PTS-3000ES



Drive Size	1-1/2 in.	38.0 mm
Torque Range	1000-3000 Nm (10 Nm by Step)	
Length	19-5/8 in.	497.0 mm
Weight	32.8 lbs	14.9 kg
Free Speed	70 r.p.m.	
Air Consumption	20.1 c.f.m.	0.57 m ³ (normal)/min.
Hose size	1/2 in.	12.7 mm

PTS-5000ES



Drive Size	1-1/2 in.	38.0 mm
Torque Range	2000-5000 Nm (10 Nm by Step)	
Length	21-3/16 in.	538.0 mm
Weight	45.3 lbs	20.6 kg
Free Speed	60 r.p.m.	
Air Consumption	20.1 c.f.m.	0.57 m ³ (normal)/min.
Hose size	1/2 in.	12.7 mm

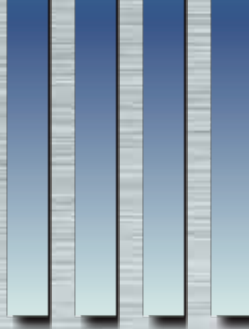
※Measurements are without a socket and a reaction force absorber.
 ※Performance figures are at 0.62MPa(Pe)(90P.S.I.) air pressure.

Fastening Tool

PULSE WRENCH

KUKEN Original Pulse Wrench

KOW SERIES



3/8" (9.5mm) SQ.DR.

KOW-5

Drive Size	3/8 in.	9.5 mm
Bolt Capacity	1/4-5/16 in.	6-8 mm
Free Speed	8,000 r.p.m.	
Recommended Torque	10-30 ft-lb	15-35 Nm
Length (w/o socket)	5-9/16 in.	141.0 mm
Weight (w/o socket)	2.0 lbs.	0.92 kg
Air Consumption (normal)	17.7 c.f.m.	0.50 m ³ /min
Hose Size	1/4 in.	6.5 mm



*Performance figures are at 0.62MPa(Pe)
(90P.S.I.) air pressure.

3/8" (9.5mm) SQ.DR.

KOW-6

Drive Size	3/8 in.	9.5 mm
Bolt Capacity	5/16 in.	8.0 mm
Free Speed	7,800 r.p.m.	
Recommended Torque	20-40 ft-lb	28-56 Nm
Length (w/o socket)	6-1/16 in.	153.0 mm
Weight (w/o socket)	2.2 lbs.	0.98 kg
Air Consumption (normal)	21.2 c.f.m.	0.6 m ³ /min
Hose Size	1/4 in.	6.5 mm

*Performance figures are at 0.62MPa(Pe)
(90P.S.I.) air pressure.

3/8" (9.5mm) SQ.DR.

KOW-7

Drive Size	3/8 in.	9.5 mm
Bolt Capacity	5/16-3/8 in.	8.0-10.0 mm
Free Speed	6,500 r.p.m.	
Recommended Torque	30-50 ft-lb	40-65 Nm
Length (w/o socket)	6-3/8 in.	161.0 mm
Weight (w/o socket)	2.4 lbs.	1.1kg
Air Consumption (normal)	21.9 c.f.m.	0.62 m ³ /min
Hose Size	1/4 in.	6.5 mm



*Performance figures are at 0.62MPa(Pe)
(90P.S.I.) air pressure.

1/2" (12.7mm) SQ.DR.

KOW-9

Drive Size	1/2 in.	12.7 mm
Bolt Capacity	3/8 in.	10.0 mm
Free Speed	5,500 r.p.m.	
Recommended Torque	30-70 ft-lb	40-96 Nm
Length (w/o socket)	6-7/8 in.	174.0 mm
Weight (w/o socket)	3.3 lbs.	1.5kg
Air Consumption (normal)	22.6 c.f.m.	0.64 m ³ /min
Hose Size	5/16 in.	8.0 mm



*Performance figures are at 0.62MPa(Pe)
(90P.S.I.) air pressure.

Fastening Tool

PULSE DRIVER



1/4" HEX(6.35mm)

KOW-5D

Drive Size	1/4" Hex.	6.35 mm
Bolt Capacity	1/4-5/16 in.	6-8 mm
Free Speed	8,000 r.p.m.	
Recommended Torque	10-20 ft-lb	18-32 Nm
Length (w/o socket)	5-1/2 in.	139.0 mm
Weight (w/o socket)	2.0 lbs.	0.93kg
Air Consumption (normal)	17.7 c.f.m.	0.50 m ³ /min
Hose Size	1/4 in.	6.5 mm

*Performance figures are at 0.62MPa(Pe)
(90P.S.I.) air pressure.

1/4" HEX(6.35mm)

KOW-6D

Drive Size	1/4" Hex.	6.35 mm
Bolt Capacity	5/16 in.	8.0 mm
Free Speed	7,800 r.p.m.	
Recommended Torque	20-30 ft-lb	25-42 Nm
Length (w/o socket)	6-1/16 in.	151.0 mm
Weight (w/o socket)	2.2 lbs.	0.99kg
Air Consumption (normal)	21.2 c.f.m.	0.6 m ³ /min
Hose Size	1/4 in.	6.5 mm

*Performance figures are at 0.62MPa(Pe)
(90P.S.I.) air pressure.

Fastening Control System

AIR PRESSURE DETECTION SYSTEM

Main Features

1. Torque control. (KAC-1 / KAC-10 / KAC-2000)

Your impact wrenches can be used as the torque control wrench. Any size of pulse wrench and impact wrenches are available.

2. Self-Study Function. (KAC-1)

3. Detect "Deficient torque " (KAC-1 / KAC-10 / KAC-2000)

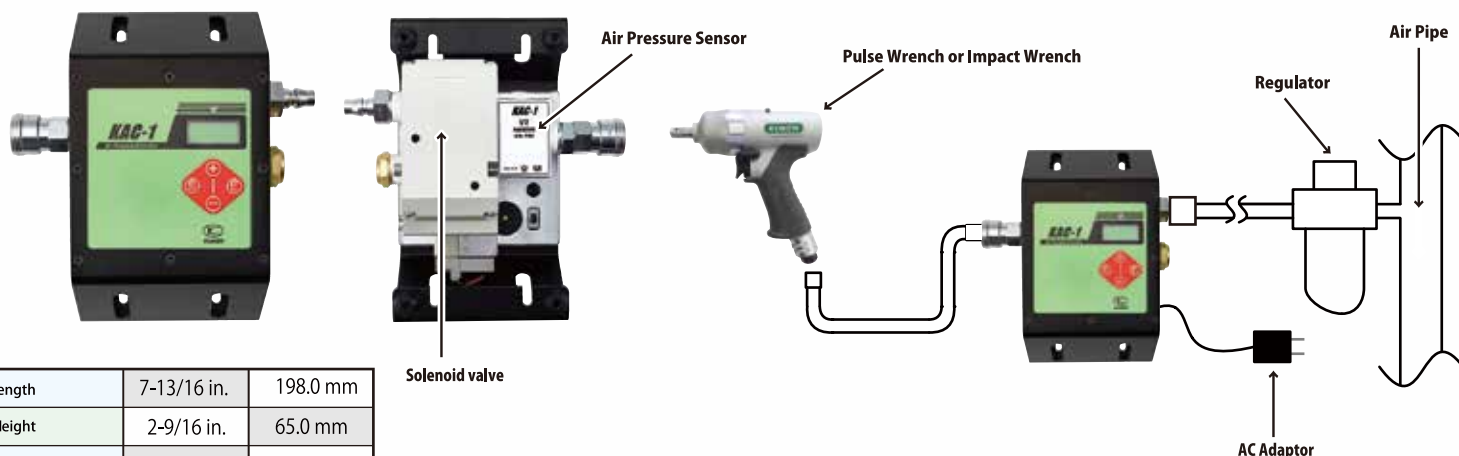
4. Bolt counter (KAC-2000)

It has the batch control function (Bolt counter) and the fool proof function.

5. Easy setting, maintenance (Low running cost.)

KAC-1 Sensor & Solenoid Valve mounted controller

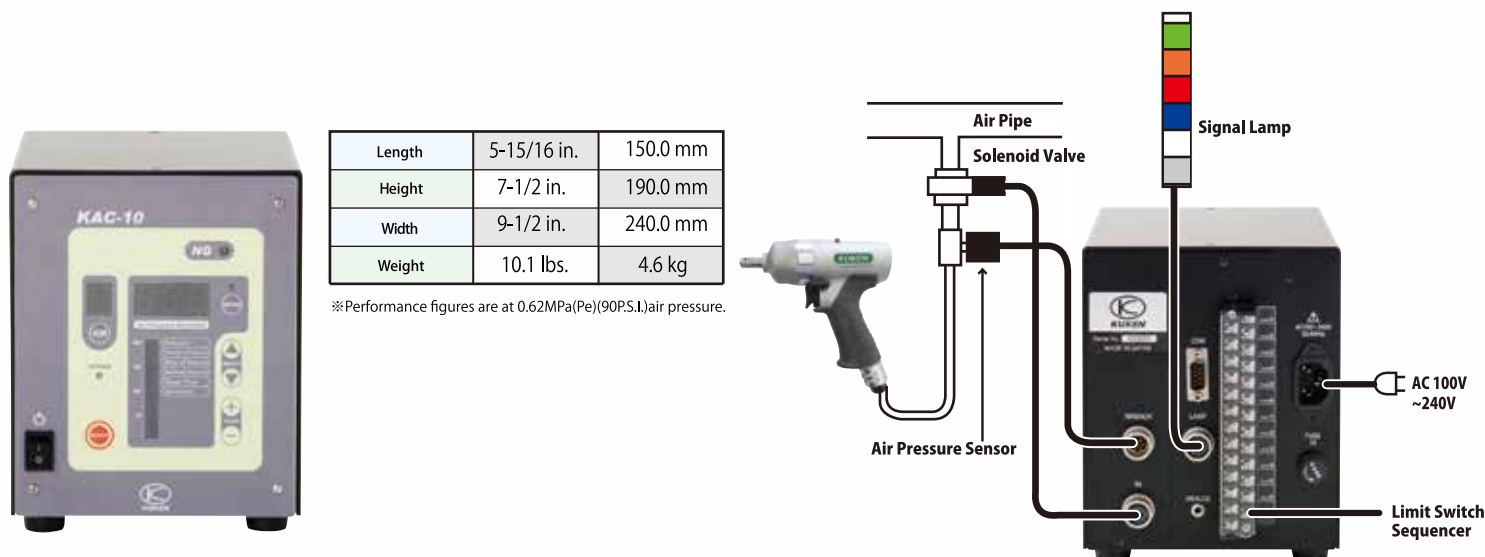
Installation & Connection (KAC-1)



Length	7-13/16 in.	198.0 mm
Height	2-9/16 in.	65.0 mm
Width	4-9/16 in.	115.0 mm
Weight (Rc 3/8)	2.2 lbs.	1.0 kg
Weight (Rc 1/2)	2.6 lbs.	1.2 kg

KAC-10/KAC-2000

Installation & Connection (KAC-10/KAC-2000)



Length	5-15/16 in.	150.0 mm
Height	7-1/2 in.	190.0 mm
Width	9-1/2 in.	240.0 mm
Weight	10.1 lbs.	4.6 kg

※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.

Fastening Tool

N-TYPE WRENCH



Drive Size	1/2 in.	12.7 mm
Bolt Capacity	5/8 in.	16.0 mm
Free Speed	8,000 r.p.m.	
Impact Per Min.	1,500 i.p.m.	
Recommended Torque	74-240 ft-lb	100-330 Nm
Maximum Torque	360 ft-lb	490 Nm
Length (w/o socket)	6-1/2 in.	165.0 mm
Weight (w/o socket)	3.1 lbs.	1.4 kg
Air Consumption (normal)	10.6 c.f.m.	0.30 m³/min.
Hose Size	1/4 in.	6.5 mm
Anvil Length (KW-1600Spro)	13/16 in.	20.0 mm
Anvil Length (KW-1600Spro-2)	2-7/16 in.	61.0 mm

■ 1/2" (12.7mm) SQ.DR. KW-1600Spro



*Performance figures are at 0.62MPa(Pe) (90P.S.I.) air pressure.

■ 1/2" (12.7mm) SQ.DR. KW-1600pro-I

Drive Size	1/2 in.	12.7 mm
Bolt Capacity	1/2 in.**	12.0 mm**
Free Speed	8,000 r.p.m.	
Impact Per Min.	1,500 i.p.m.	
Recommended Torque	74-240 ft-lb	100-330 Nm
Maximum Torque	360 ft-lb	490 Nm
Length (w/o socket)	6-3/4 in.	170.0 mm
Weight (w/o socket)	3.5 lbs.	1.6 kg
Air Consumption (normal)	11.6 c.f.m.	0.33 m³/min.
Hose Size	1/4 in.	6.5 mm
Anvil Length	13/16 in.	20.0 mm



*Performance figures are at 0.62MPa(Pe) (90P.S.I.) air pressure.

**Designed for high tension bolt.

■ 1/2" (12.7mm) SQ.DR. KW-1800pro-I

Drive Size	1/2 in.	12.7 mm
Bolt Capacity	5/8 in.**	16.0 mm**
Free Speed	4,500 r.p.m.	
Impact Per Min.	1,000 i.p.m.	
Recommended Torque	110-410 ft-lb	150-550 Nm
Maximum Torque	610 ft-lb	820 Nm
Length (w/o socket)	8-9/16 in.	217.0 mm
Weight (w/o socket)	6.2 lbs.	2.8 kg
Air Consumption (normal)	13.1 c.f.m.	0.37 m³/min.
Hose Size	3/8 in.	9.5 mm
Anvil Length	1-3/16 in.	29.0 mm



*Performance figures are at 0.62MPa(Pe) (90P.S.I.) air pressure.

**Designed for high tension bolt.

■ 3/4" (19mm) SQ.DR. KW-2000P

Drive Size	3/4 in.	19.0 mm
Bolt Capacity	3/4 in.	20.0 mm
Free Speed	4,500 r.p.m.	
Impact Per Min.	1,000 i.p.m.	
Recommended Torque	110-430 ft-lb	150-580 Nm
Maximum Torque	630 ft-lb	850 Nm
Length (w/o socket)	7-7/8 in.	200.0 mm
Weight (w/o socket)	6.8 lbs.	3.1 kg
Air Consumption (normal)	14.1 c.f.m.	0.40 m³/min.
Hose Size	5/16 in.	8.0 mm
Anvil Length (KW-2000P)	1-1/8 in.	28.0 mm
Anvil Length (KW-2000P-2)	3-1/16 in.	77.0 mm



*Performance figures are at 0.62MPa(Pe) (90P.S.I.) air pressure.

■ 3/4" (19mm) SQ.DR. KW-2000pro-I

Drive Size	3/4 in.	19.0 mm
Bolt Capacity	11/16 in.**	18.0 mm**
Free Speed	4,500 r.p.m.	
Impact Per Min.	1,000 i.p.m.	
Recommended Torque	110-430 ft-lb	150-580 Nm
Maximum Torque	610 ft-lb	820 Nm
Length (w/o socket)	8-9/16 in.	217.0 mm
Weight (w/o socket)	6.2 lbs.	2.8 kg
Air Consumption (normal)	13.1 c.f.m.	0.37 m³/min.
Hose Size	3/8 in.	9.5 mm
Anvil Length	1-3/16 in.	29.0 mm



*Performance figures are at 0.62MPa(Pe) (90P.S.I.) air pressure.

**Designed for high tension bolt.

■ 3/4" (19mm) SQ.DR. KW-2500pro

Drive Size	3/4 in.	19.0 mm
Bolt Capacity	1 in.	25.0 mm
Free Speed	4,500 r.p.m.	
Impact Per Min.	900 i.p.m.	
Recommended Torque	150-730 ft-lb	200-980 Nm
Maximum Torque	850 ft-lb	1,150 Nm
Length (w/o socket)	8-7/8 in.	224.0 mm
Weight (w/o socket)	9.2 lbs.	4.2 kg
Air Consumption (normal)	15.9 c.f.m.	0.45 m³/min.
Hose Size	3/8 in.	9.5 mm
Anvil Length (KW-2500pro)	1-5/16 in.	33.0 mm
Anvil Length (KW-2500pro-3)	4-3/16 in.	106.0 mm



*Performance figures are at 0.62MPa(Pe) (90P.S.I.) air pressure.

■ 3/4" (19mm) SQ.DR. KW-2800PA

Drive Size	3/4 or 1 in.	19.0 or 25.4 mm
Bolt Capacity	1-1/8 in.	27.0 mm
Free Speed	3,300 r.p.m.	
Impact Per Min.	800 i.p.m.	
Recommended Torque	190-820 ft-lb	250-1,110 Nm
Maximum Torque	1,020 ft-lb	1,380 Nm
Length (w/o socket)	9-1/8 in.	231.0 mm
Weight (w/o socket)	12.5 lbs.	5.7 kg
Air Consumption (normal)	20.5 c.f.m.	0.58 m³/min.
Hose Size	3/8 in.	9.5 mm
Anvil Length (KW-2800PA)	1-1/2 in.	38.0 mm
Anvil Length (KW-2800PA-3)	4-1/8 in.	104.0 mm



*Performance figures are at 0.62MPa(Pe) (90P.S.I.) air pressure.

Main Features

1. Compact & Light
2. Stable Stroke
3. Low Noise & Low Vibration
4. Better Lubrication
5. Durable

■ 1-1/2" (38mm) SQ.DR. KW-5000G

Drive Size	1-1/2 in.	38.0 mm
Bolt Capacity	2 in.	50.0 mm
Free Speed	3,000 r.p.m.	
Impact Per Min.	600 i.p.m.	
Recommended Torque	740-2,520 ft-lb	1,000-3,400 Nm
Maximum Torque	2,590 ft-lb	3,500 Nm
Length (w/o socket)	17-3/8 in.	440.0 mm
Weight (w/o socket)	35.2 lbs.	16.0 kg
Air Consumption (normal)	28.9 c.f.m.	0.82 m ³ /min.
Hose Size	1/2 in.	12.7 mm
Anvil Length	2-3/16 in.	54.0 mm

Choice of Inside/Outside Trigger Handle.



*Performance figures are at 0.62MPa(Pe) (90P.S.I.) air pressure.

■ 1" (25.4mm) SQ.DR. KW-3800proG

Drive Size	1 in.	25.4 mm
Bolt Capacity	1-1/2 in.	38.0 mm
Free Speed	4,200 r.p.m.	
Impact Per Min.	800 i.p.m.	
Recommended Torque	220-1,010 ft-lb	300-1,370 Nm
Maximum Torque	1,330 ft-lb	1,800 Nm
Length (w/o socket)	13-9/16 in.	344.0 mm
Weight (w/o socket)	14.5 lbs.	6.6 kg
Air Consumption (normal)	21.2 c.f.m.	0.60 m ³ /min
Hose Size	3/8 in.	9.5 mm
Anvil Length	1-1/2 in.	38.0 mm

Choice of Inside/Outside Trigger Handle.



*Performance figures are at 0.62MPa(Pe) (90P.S.I.) air pressure.

■ 1" (25.4mm) SQ.DR. KW-3800proGL

Drive Size	1 in.	25.4 mm
Bolt Capacity	1-1/2 in.	38.0 mm
Free Speed	4,200 r.p.m.	
Impact Per Min.	800 i.p.m.	
Recommended Torque	220-1,010 ft-lb	300-1,370 Nm
Maximum Torque	1,330 ft-lb	1,800 Nm
Length (w/o socket)	18-3/4 in.	476.0 mm
Weight (w/o socket)	15.6 lbs.	7.1 kg
Air Consumption (normal)	21.2 c.f.m.	0.60 m ³ /min
Hose Size	3/8 in.	9.5 mm
Anvil Length	6-3/4 in.	170.0 mm

Choice of Inside/Outside Trigger Handle.



*Performance figures are at 0.62MPa(Pe) (90P.S.I.) air pressure.

■ 1" (25.4mm) SQ.DR. KW-3800P

Drive Size	1 in.	25.4 mm
Bolt Capacity	1-1/2 in.	38.0 mm
Free Speed	3,700 r.p.m.	
Impact Per Min.	700 i.p.m.	
Recommended Torque	220-1,010 ft-lb	300-1,370 Nm
Maximum Torque	1,330 ft-lb	1,800 Nm
Length (w/o socket)	10-1/16 in.	255.0 mm
Weight (w/o socket)	16.3 lbs.	7.4 kg
Air Consumption (normal)	21.2 c.f.m.	0.60 m ³ /min
Hose Size	3/8 in.	9.5 mm
Anvil Length (KW-3800P)	1-5/16 in.	33.0 mm
Anvil Length (KW-3800P-6)	4-3/4 in.	120.0 mm



*Performance figures are at 0.62MPa(Pe) (90P.S.I.) air pressure.

■ 1" (25.4mm) SQ.DR. KW-4500P

Drive Size	1 in.	25.4 mm
Bolt Capacity	1-3/4 in.	45.0 mm
Free Speed	3,700 r.p.m.	
Impact Per Min.	700 i.p.m.	
Recommended Torque	740-1,810 ft-lb	1,000-2,450 Nm
Maximum Torque	2,040 ft-lb	2,750 Nm
Length (w/o socket)	10-11/16 in.	270.0 mm
Weight (w/o socket)	22.7 lbs.	10.3 kg
Air Consumption (normal)	27.5 c.f.m.	0.78 m ³ /min
Hose Size	1/2 in.	12.7 mm
Anvil Length (KW-4500P)	1-1/2 in.	37.0 mm
Anvil Length (KW-4500P-6)	4-3/4 in.	120.0 mm



*Performance figures are at 0.62MPa(Pe) (90P.S.I.) air pressure.

■ 1" (25.4mm) SQ.DR. KW-4500G

Drive Size	1 in.	25.4 mm
Bolt Capacity	1-3/4 in.	45.0 mm
Free Speed	3,700 r.p.m.	
Impact Per Min.	700 i.p.m.	
Recommended Torque	740-1,810 ft-lb	1,000-2,450 Nm
Maximum Torque	2,040 ft-lb	2,750 Nm
Length (w/o socket)	14-7/16 in.	366.0 mm
Weight (w/o socket)	23.5 lbs.	10.7 kg
Air Consumption (normal)	26.5 c.f.m.	0.75 m ³ /min
Hose Size	1/2 in.	12.7 mm
Anvil Length	1-1/2 in.	37.0 mm

Choice of Inside/Outside Trigger Handle.



*Performance figures are at 0.62MPa(Pe) (90P.S.I.) air pressure.

■ 1" (25.4mm) SQ.DR. KW-4500GL

Drive Size	1 in.	25.4 mm
Bolt Capacity	1-3/4 in.	45.0 mm
Free Speed	3,700 r.p.m.	
Impact Per Min.	700 i.p.m.	
Recommended Torque	740-1,810 ft-lb	1,000-2,450 Nm
Maximum Torque	2,040 ft-lb	2,750 Nm
Length (w/o socket)	21 in.	532.0 mm
Weight (w/o socket)	25.5 lbs.	11.6 kg
Air Consumption (normal)	26.5 c.f.m.	0.75 m ³ /min
Hose Size	1/2 in.	12.7 mm
Anvil Length	8 in.	203.0 mm

Choice of Inside/Outside Trigger Handle.



*Performance figures are at 0.62MPa(Pe) (90P.S.I.) air pressure.

Fastening Tool

IMPACT WRENCH

■ 3/8" (9.5mm) SQ.DR. KW-7P

Drive Size	3/8 in.	9.5 mm
Bolt Capacity	5/16 in.	8.0 mm
Free Speed	8,800 r.p.m.	
Impact Per Min.	2,500 i.p.m.	
Recommended Torque	10-70 ft-lb	20-100 Nm
Maximum Torque	110 ft-lb	150 Nm
Length (w/o socket)	5-3/4 in.	145.0 mm
Weight (w/o socket)	2.2 lbs.	1.0 kg
Air Consumption (normal)	10.6 c.f.m.	0.30 m³/min
Hose Size	1/4 in.	6.5 mm
Anvil Length	11/16 in.	17.0 mm



Double Hammer

*Performance figures are at 0.62MPa(Pe) (90P.S.I.) air pressure.

■ 3/8" (9.5mm) SQ.DR. KW-5P

Drive Size	3/8 in.	9.5 mm
Bolt Capacity	3/16 in.	5.0 mm
Free Speed	8,500 r.p.m.	
Impact Per Min.	3,000 i.p.m.	
Recommended Torque	1.5-20 ft-lb	2-27 Nm
Maximum Torque	20 ft-lb	27 Nm
Length (w/o socket)	6-5/16 in.	160.0 mm
Weight (w/o socket)	1.70 lbs.	0.75 kg
Air Consumption (normal)	7.1 c.f.m.	0.20 m³/min
Hose Size	1/4 in.	6.5 mm
Anvil Length	11/16 in.	17.0 mm

Double Hammer



*Performance figures are at 0.62MPa(Pe) (90P.S.I.) air pressure.

■ 3/8" (9.5mm) SQ.DR. KW-12X

Drive Size	3/8 in.	9.5 mm
Bolt Capacity	1/2 in.	12.0 mm
Free Speed	7,000 r.p.m.	
Impact Per Min.	-	
Recommended Torque	20-130 ft-lb	30-180 Nm
Maximum Torque	130 ft-lb	180 Nm
Length (w/o socket)	6-5/16 in.	159.0 mm
Weight (w/o socket)	2.9 lbs.	1.3 kg
Air Consumption (normal)	12.4 c.f.m.	0.35 m³/min
Hose Size	1/4 in.	6.5 mm



Twin Hammer

*Performance figures are at 0.62MPa(Pe) (90P.S.I.) air pressure.

■ 1/2" (12.7mm) SQ.DR. KW-14HP

Drive Size	1/2 in.	12.7 mm
Bolt Capacity	5/8 in.	16.0 mm
Free Speed	6,300 r.p.m.	
Impact Per Min.	1,200 i.p.m.	
Recommended Torque	70-260 ft-lb	90-350 Nm
Maximum Torque	330 ft-lb	450 Nm
Length (w/o socket)	7-13/16 in.	198.0 mm
Weight (w/o socket)	6.2 lbs.	2.8 kg
Air Consumption (normal)	12.4 c.f.m.	0.35 m³/min
Hose Size	1/4 in.	6.5 mm
Anvil Length (KW-14HP)	13/16 in.	20.0 mm
Anvil Length (KW-14HP-2)	2-1/16 in.	51.0 mm

Single Hammer



*Performance figures are at 0.62MPa(Pe) (90P.S.I.) air pressure.

■ 1/2" (12.7mm) SQ.DR. KW-19HP

Drive Size	1/2 in.	12.7 mm
Bolt Capacity	11/16 in.	18.0 mm
Free Speed	6,000 r.p.m.	
Impact Per Min.	1,200 i.p.m.	
Recommended Torque	70-330 ft-lb	100-450 Nm
Maximum Torque	370 ft-lb	500 Nm
Length (w/o socket)	7-1/16 in.	178.0 mm
Weight (w/o socket)	5.3 lbs.	2.4 kg
Air Consumption (normal)	14.1 c.f.m.	0.40 m³/min
Hose Size	1/4 in.	6.5 mm
Anvil Length (KW-19HP)	1 in.	25.0 mm
Anvil Length (KW-19HP-2)	2-15/16 in.	75.0 mm

Twin Hammer



*Performance figures are at 0.62MPa(Pe) (90P.S.I.) air pressure.

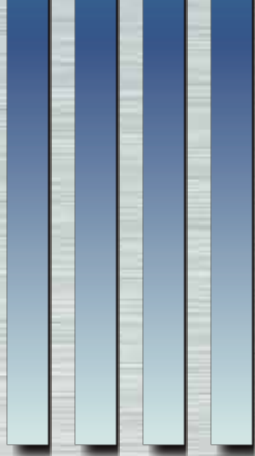
■ 1/2" (12.7mm) SQ.DR. KW-T160V

Drive Size	1/2 in.	12.7 mm
Bolt Capacity	5/8 in.	16.0 mm
Free Speed	6,300 r.p.m.	
Recommended Torque	70-300 ft-lb	100-400 Nm
Maximum Torque	490 ft-lb	660 Nm
Length (w/o socket)	6-3/4 in.	171.0 mm
Weight (w/o socket)	3.3 lbs.	1.5 kg
Air Consumption (normal)	9.2 c.f.m.	0.26 m³/min
Hose Size	1/4 in.	6.5 mm
Anvil Length	13/16 in.	20.0 mm



Twin Hammer

*Performance figures are at 0.62MPa(Pe) (90P.S.I.) air pressure.



Drive Size	3/4 in.	19.0 mm
Bolt Capacity	3/4 in.	20.0 mm
Free Speed	4,500 r.p.m.	
Impact Per Min.	1,080 i.p.m.	
Recommended Torque	110-480 ft-lb	150-650 Nm
Maximum Torque	480 ft-lb	650 Nm
Length (w/o socket)	9-1/2 in.	240.0 mm
Weight (w/o socket)	9.2 lbs.	4.2 kg
Air Consumption (normal)	16.6 c.f.m.	0.47 m³/min
Hose Size	3/8 in.	9.5 mm
Anvil Length (KW-20P)	1-7/16 in.	36.0 mm
Anvil Length (KW-20P-2)	2-7/8 in.	72.0 mm

※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.

■3/4"(19mm) SQ.DR. KW-20P

Single Hammer



Drive Size	3/4 in.	19.0 mm
Bolt Capacity	7/8 in.	22.0 mm
Free Speed	4,300 r.p.m.	
Impact Per Min.	950 i.p.m.	
Recommended Torque	150-590 ft-lb	200-800 Nm
Maximum Torque	590 ft-lb	800 Nm
Length (w/o socket)	8-9/16 in.	216.0 mm
Weight (w/o socket)	8.8 lbs.	4.0 kg
Air Consumption (normal)	16.6 c.f.m.	0.47 m³/min
Hose Size	3/8 in.	9.5 mm
Anvil Length (KW-230P)	1-3/16 in.	29.0 mm
Anvil Length (KW-230P-2)	2-9/16 in.	65.0 mm

※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.

■3/4"(19mm) SQ.DR. KW-230P

Swing Hammer



Drive Size	3/4 in.	19.0 mm
Bolt Capacity	7/8 in.	22.0 mm
Free Speed	3,800 r.p.m.	
Impact Per Min.	1,100 i.p.m.	
Recommended Torque	190-640 ft-lb	250-870 Nm
Maximum Torque	640 ft-lb	870 Nm
Length (w/o socket)	10 in.	253.0 mm
Weight (w/o socket)	13.6 lbs.	6.2 kg
Air Consumption (normal)	21.2 c.f.m.	0.60 m³/min
Hose Size	3/8 in.	9.5 mm
Anvil Length (KW-20PI)	1-1/4 in.	31.0 mm
Anvil Length (KW-20PI-2)	2-11/16 in.	67.0 mm

※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.

■3/4"(19mm) SQ.DR. KW-20PI

Single Hammer



■3/4"(19mm) SQ.DR. KW-L17G

Drive Size	3/4 in.	19.0 mm
Bolt Capacity	3/4 in.	19.0 mm
Free Speed	6,500 r.p.m.	
Length (w/o socket)	12-5/16 in.	312.0 mm
Weight (w/o socket)	11.9 lbs.	5.4 kg
Air Consumption (normal)	21.2 c.f.m.	0.60 m³/min
Hose Size	1/2 in.	12.7 mm
Anvil Length	1-7/16 in.	36.0 mm

※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.

Oil Bath Impact Wrench
Double Hammer



■3/4"(19mm) SQ.DR. KW-L17GV

Oil Bath Anti-Vibration Impact
Wrench
Double Hammer



Drive Size	3/4 in.	19.0 mm
Bolt Capacity	3/4 in.	19.0 mm
Free Speed	6,500 r.p.m.	
Length (w/o socket)	14-7/8 in.	378.0 mm
Weight (w/o socket)	13.9 lbs.	6.3 kg
Air Consumption (normal)	21.2 c.f.m.	0.60 m³/min
Hose Size	1/2 in.	12.7 mm
Anvil Length	1-7/16 in.	36.0 mm

※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.

■3/4"(19mm) SQ.DR. KW-20GI

Drive Size	3/4 in.	19.0 mm
Bolt Capacity	7/8 in.	22.0 mm
Free Speed	3,800 r.p.m.	
Impact Per Min.	1,100 i.p.m.	
Recommended Torque	190-640 ft-lb	250-870 Nm
Maximum Torque	640 ft-lb	870 Nm
Length (w/o socket)	12-15/16 in.	328.0 mm
Weight (w/o socket)	13.9 lbs.	6.3 kg
Air Consumption (normal)	21.2 c.f.m.	0.60 m³/min
Hose Size	3/8 in.	9.5 mm
Anvil Length (KW-20GI)	1-1/4 in.	31.0 mm
Anvil Length (KW-20GI-6)	6-11/16 in.	169.0 mm

※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.

Choice of Inside/
Outside Trigger Handle.

Single Hammer



■3/4"(19mm) SQ.DR. KW-L20G

Oil Bath Impact Wrench
Double Hammer



Choice of Inside/
Outside Trigger Handle.

Drive Size	3/4 in.	19.0 mm
Bolt Capacity	7/8 in.	22.0 mm
Free Speed	4,500 r.p.m.	
Length (w/o socket)	13-3/16 in.	334.0 mm
Weight (w/o socket)	15.8 lbs.	7.2 kg
Air Consumption (normal)	21.2 c.f.m.	0.60 m³/min
Hose Size	1/2 in.	12.7 mm
Anvil Length	1-1/2 in.	38.0 mm

※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.

IMPACT WRENCH

■1"(25.4mm) SQ.DR.

KW-430P

Drive Size	1 in.	25.4 mm
Bolt Capacity	1-9/16 in.	40.0 mm
Free Speed	4,300 r.p.m.	
Impact Per Min.	540 i.p.m.	
Recommended Torque	740-1,480 ft-lb	1,000-2,000 Nm
Length (w/o socket)	11-1/4 in.	285.0 mm
Weight (w/o socket)	24.0 lbs.	10.9 kg
Air Consumption (normal)	28.2 c.f.m.	0.80 m³/min
Hose Size	1/2 in.	12.7 mm
Anvil Length (KW-430P)	1-11/16 in.	43.0 mm
Anvil Length (KW-430P-8)	8 in.	202 mm

Swing Hammer



※Performance figures are at 0.62MPa(Pe) (90PS.I.)air pressure.

■1"(25.4mm) SQ.DR.

KW-380P

Drive Size	1 in.	25.4 mm
Bolt Capacity	1-1/2 in.	38.0 mm
Free Speed	3,200 r.p.m.	
Impact Per Min.	700 i.p.m.	
Recommended Torque	250-1,010 ft-lb	340-1,370 Nm
Maximum Torque	1,180 ft-lb	1,600 Nm
Length (w/o socket)	10-1/2 in.	266.0 mm
Weight (w/o socket)	21.1 lbs.	9.6 kg
Air Consumption (normal)	25.4 c.f.m.	0.72 m³/min
Hose Size	1/2 in.	12.7 mm
Anvil Length	1-1/2 in.	38.0 mm

Swing Hammer



※Performance figures are at 0.62MPa(Pe) (90PS.I.)air pressure.

■1"(25.4mm) SQ.DR.

KW-40P

Drive Size	1 in.	25.4 mm
Bolt Capacity	1-9/16 in.	40.0 mm
Free Speed	2,100 r.p.m.	
Impact Per Min.	550 i.p.m.	
Recommended Torque	290-1,110 ft-lb	390-1,500 Nm
Maximum Torque	1,330 ft-lb	1,800 Nm
Length (w/o socket)	12-1/16 in.	306.0 mm
Weight (w/o socket)	27.5 lbs.	12.5 kg
Air Consumption (normal)	26.5 c.f.m.	0.75 m³/min
Hose Size	1/2 in.	12.7 mm
Anvil Length	1-5/16 in.	32.0 mm

Single Hammer



※Performance figures are at 0.62MPa(Pe) (90PS.I.)air pressure.

■1"(25.4mm) SQ.DR.

KW-385G

Drive Size	1 in.	25.4 mm
Bolt Capacity	1-1/2 in.	38.0 mm
Free Speed	4,000 r.p.m.	
Impact Per Min.	700 i.p.m.	
Recommended Torque	250-1,010 ft-lb	340-1,370 Nm
Maximum Torque	1,180 ft-lb	1,600 Nm
Length (w/o socket)	13-13/16 in.	350.0 mm
Weight (w/o socket)	20.2 lbs.	9.2 kg
Air Consumption (normal)	25.4 c.f.m.	0.72 m³/min
Hose Size	1/2 in.	12.7 mm
Anvil Length	1-7/16 in.	36.0 mm

Choice of Inside/
Outside Trigger Handle.
Swing Hammer



※Performance figures are at 0.62MPa(Pe) (90PS.I.)air pressure.

■1"(25.4mm) SQ.DR.

KW-385GL

Drive Size	1 in.	25.4 mm
Bolt Capacity	1-1/2 in.	38.0 mm
Free Speed	4,000 r.p.m.	
Impact Per Min.	700 i.p.m.	
Recommended Torque	250-1,010 ft-lb	340-1,370 Nm
Maximum Torque	1,180 ft-lb	1,600 Nm
Length (w/o socket)	20-1/8 in.	510.0 mm
Weight (w/o socket)	21.8 lbs.	9.9 kg
Air Consumption (normal)	25.4 c.f.m.	0.72 m³/min
Hose Size	1/2 in.	12.7 mm
Anvil Length	7-3/4 in.	196.0 mm

Choice of Inside/
Outside Trigger Handle.
Swing Hammer

※Performance figures are at 0.62MPa(Pe) (90PS.I.)air pressure.

■1"(25.4mm) SQ.DR.

KW-420G

Drive Size	1 in.	25.4 mm
Bolt Capacity	1-5/8 in.	42.0 mm
Free Speed	3,000 r.p.m.	
Impact Per Min.	600 i.p.m.	
Recommended Torque	370-1,550 ft-lb	500-2,100 Nm
Maximum Torque	1,740 ft-lb	2,350 Nm
Length (w/o socket)	15 in.	381.0 mm
Weight (w/o socket)	28.8 lbs.	13.1 kg
Air Consumption (normal)	28.9 c.f.m.	0.82 m³/min
Hose Size	1/2 in.	12.7 mm
Anvil Length	1-7/16 in.	35.0 mm

Choice of Inside/
Outside Trigger Handle.
Swing Hammer



※Performance figures are at 0.62MPa(Pe) (90PS.I.)air pressure.

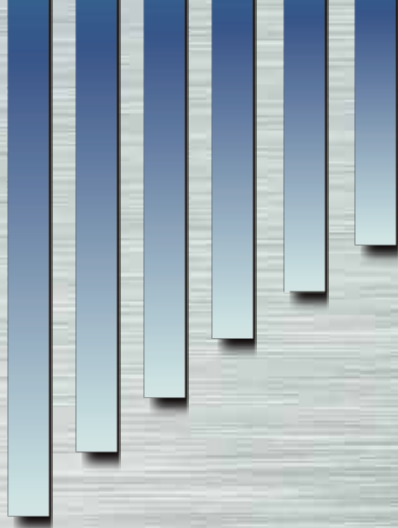
■1"(25.4mm) SQ.DR.

KW-420GL

Drive Size	1 in.	25.4 mm
Bolt Capacity	1-5/8 in.	42.0 mm
Free Speed	3,000 r.p.m.	
Impact Per Min.	600 i.p.m.	
Recommended Torque	370-1,550 ft-lb	500-2,100 Nm
Maximum Torque	1,740 ft-lb	2,350 Nm
Length (w/o socket)	22-3/4 in.	577.0 mm
Weight (w/o socket)	31.0 lbs.	14.1 kg
Air Consumption (normal)	28.9 c.f.m.	0.82 m³/min
Hose Size	1/2 in.	12.7 mm
Anvil Length	9-1/16 in.	230.0 mm

Choice of Inside/
Outside Trigger Handle.
Swing Hammer

※Performance figures are at 0.62MPa(Pe) (90PS.I.)air pressure.

**1" (25.4mm) SQ.DR.****KW-480GL**

Drive Size	1 in.	25.4 mm
Bolt Capacity	2 in.	50.0 mm
Free Speed	2,700 r.p.m.	
Impact Per Min.	480 i.p.m.	
Recommended Torque	370-1,630 ft-lb	500-2,200 Nm
Maximum Torque	1,850 ft-lb	2,500 Nm
Length (w/o socket)	24-11/16 in.	626.0 mm
Weight (w/o socket)	37.0 lbs.	16.8 kg
Air Consumption (normal)	26.5 c.f.m.	0.75 m ³ /min
Hose Size	1/2 in.	12.7 mm
Anvil Length (KW-480GL)	8-13/16 in.	223.0 mm

**Swing Hammer**

Choice of Inside/
Outside Trigger Handle.
Short Anvil available.

※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.

1" (25.4mm) SQ.DR.**KW-45G**

Drive Size	1 in.	25.4 mm
Bolt Capacity	1-3/4 in.	45.0 mm
Free Speed	3,000 r.p.m.	
Impact Per Min.	600 i.p.m.	
Recommended Torque	370-1,550 ft-lb	500-2,100 Nm
Maximum Torque	1,740 ft-lb	2,350 Nm
Length (w/o socket)	17-3/8 in.	440.0 mm
Weight (w/o socket)	33.7 lbs.	15.3 kg
Air Consumption (normal)	26.5 c.f.m.	0.75 m ³ /min
Hose Size	1/2 in.	12.7 mm
Anvil Length	1-11/16 in.	42.0 mm

Single Hammer

Choice of Inside/
Outside Trigger Handle.

1" (25.4mm) SQ.DR.**KW-45GL**

Drive Size	1 in.	25.4 mm
Bolt Capacity	1-3/4 in.	45.0 mm
Free Speed	3,000 r.p.m.	
Impact Per Min.	600 i.p.m.	
Recommended Torque	370-1,550 ft-lb	500-2,100 Nm
Maximum Torque	1,740 ft-lb	2,350 Nm
Length (w/o socket)	24-13/16 in.	630.0 mm
Weight (w/o socket)	36.7 lbs.	16.7 kg
Air Consumption (normal)	26.5 c.f.m.	0.75 m ³ /min
Hose Size	1/2 in.	12.7 mm
Anvil Length	9-3/16 in.	232.0 mm

Single Hammer

Choice of Inside/
Outside Trigger Handle.

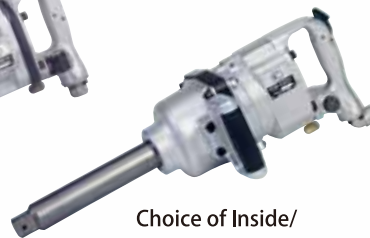
※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.

1" (25.4mm) SQ.DR.**KW-450H**

Drive Size	1 in.	25.4 mm
Bolt Capacity	1-9/16 in.	40.0 mm
Free Speed	3,300 r.p.m.	
Impact Per Min.	450 i.p.m.	
Recommended Torque	370-1,480 ft-lb	500-2,000 Nm
Maximum Torque	1,630 ft-lb	2,200 Nm
Length (w/o socket)	21-1/16 in.	534.0 mm
Weight (w/o socket)	27.7 lbs.	12.6 kg
Air Consumption (normal)	28.9 c.f.m.	0.82 m ³ /min
Hose Size	1/2 in.	12.7 mm

Swing Hammer

Choice of Inside/
Outside Trigger Handle.
Short Anvil available.

Swing Hammer

Choice of Inside/
Outside Trigger Handle.

※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.

1" (25.4mm) SQ.DR.**KW-550H**

Drive Size	1 in.	25.4 mm
Bolt Capacity	1-5/8 in.	42.0 mm
Free Speed	3,000 r.p.m.	
Impact Per Min.	600 i.p.m.	
Recommended Torque	370-1,550 ft-lb	500-2,100 Nm
Maximum Torque	1,740 ft-lb	2,350 Nm
Length (w/o socket)	22-3/4 in.	577.0 mm
Weight (w/o socket)	31.0 lbs.	14.1 kg
Air Consumption (normal)	28.9 c.f.m.	0.82 m ³ /min
Hose Size	1/2 in.	12.7 mm
Anvil Length	9-1/16 in.	230.0 mm

※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.

1" (25.4mm) SQ.DR.**KW-500H**

Drive Size	1 in.	25.4 mm
Bolt Capacity	2 in.	50.0 mm
Free Speed	3,000 r.p.m.	
Impact Per Min.	600 i.p.m.	
Recommended Torque	370-1,590 ft-lb	500-2,150 Nm
Maximum Torque	1,780 ft-lb	2,400 Nm
Length (w/o socket)	24-13/16 in.	630.0 mm
Weight (w/o socket)	36.7 lbs.	16.7 kg
Air Consumption (normal)	27.9 c.f.m.	0.79 m ³ /min
Hose Size	1/2 in.	12.7 mm
Anvil Length	9-3/16 in.	232.0 mm

Single Hammer

Choice of Inside/
Outside Trigger Handle.
Short Anvil available.

Swing Hammer

Choice of Inside/
Outside Trigger Handle.

※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.

1" (25.4mm) SQ.DR.**KW-600H**

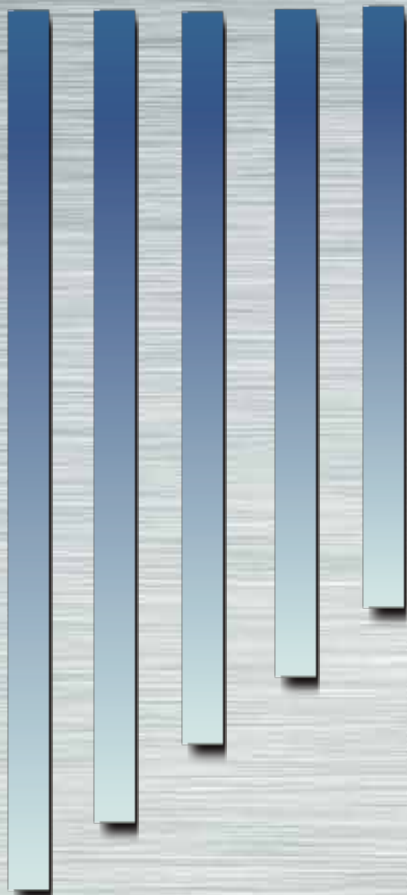
Drive Size	1 in.	25.4 mm
Bolt Capacity	2 in.	50.0 mm
Free Speed	2,300 r.p.m.	
Impact Per Min.	480 i.p.m.	
Recommended Torque	370-1,850 ft-lb	500-2,500 Nm
Maximum Torque	2,070 ft-lb	2,800 Nm
Length (w/o socket)	23-5/8 in.	599.0 mm
Weight (w/o socket)	34.8 lbs.	15.8 kg
Air Consumption (normal)	31.8 c.f.m.	0.90 m ³ /min
Hose Size	1/2 in.	12.7 mm

※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.

Fastening Tool

IMPACT WRENCH

Heavy Duty Impact Wrench



■ SPLINE DR. HEAVY DUTY IMPACT WRENCH

KW-45FS

Drive Size	#5 Spline	
Bolt Capacity	1-5/16 in.**	33.0 mm**
Free Speed	2,800 r.p.m.	
Impact Per Min.	550 i.p.m.	
Recommended Torque	580-2,150 ft-lb	780-2,900 Nm
Maximum Torque	2,370 ft-lb	3,200 Nm
Length (w/o socket)	18-11/16 in.	474.0 mm
Weight (w/o socket)	38.7 lbs.	17.6 kg
Air Consumption (normal)	30.0 c.f.m.	0.85 m ³ /min
Hose Size	1/2 in.	12.7 mm
Anvil Length	2-3/16 in.	54.0 mm

Pin Clutch



Choice of Inside/
Outside Trigger Handle.

*Performance figures are at 0.62MPa(Pe)(90P.S.I.)air pressure.

**Designed for high tension bolt.

■ 1" (25.4mm) HEAVY DUTY IMPACT WRENCH

KW-45F-1

Pin Clutch



Choice of Inside/
Outside Trigger Handle.

Drive Size	1 in.	25.4 mm
Bolt Capacity	1-5/16 in.**	33.0 mm**
Free Speed	2,800 r.p.m.	
Impact Per Min.	550 i.p.m.	
Recommended Torque	580-2,150 ft-lb	780-2,900 Nm
Maximum Torque	2,370 ft-lb	3,200 Nm
Length (w/o socket)	18-11/16 in.	474.0 mm
Weight (w/o socket)	37.8 lbs.	17.2 kg
Air Consumption (normal)	30.0 c.f.m.	0.85 m ³ /min
Hose Size	1/2 in.	12.7 mm
Anvil Length	2-3/16 in.	54.0 mm

**Designed for high tension bolt.

*Performance figures are at 0.62MPa(Pe)(90P.S.I.)air pressure.

■ 1-1/2" (38.0mm) HEAVY DUTY IMPACT WRENCH

KW-45F

Pin Clutch



Choice of Inside/
Outside Trigger Handle.

Drive Size	1-1/2 in.	38.0 mm
Bolt Capacity	1-5/16 in.**	33.0 mm**
Free Speed	2,800 r.p.m.	
Impact Per Min.	550 i.p.m.	
Recommended Torque	580-2,150 ft-lb	780-2,900 Nm
Maximum Torque	2,370 ft-lb	3,200 Nm
Length (w/o socket)	18-11/16 in.	474.0 mm
Weight (w/o socket)	37.8 lbs.	17.2 kg
Air Consumption (normal)	30.0 c.f.m.	0.85 m ³ /min
Hose Size	1/2 in.	12.7 mm
Anvil Length	2-3/16 in.	54.0 mm

**Designed for high tension bolt.

*Performance figures are at 0.62MPa(Pe)(90P.S.I.)air pressure.

■ 1-1/2" (38.0mm) HEAVY DUTY IMPACT WRENCH

KW-75F

Pin Clutch



Choice of Inside/
Outside Trigger Handle.

Drive Size	1-1/2 in.	38.0 mm
Bolt Capacity	2 in.**	50.0 mm**
Free Speed	2,000 r.p.m.	
Impact Per Min.	350 i.p.m.	
Recommended Torque	1,110-4,460 ft-lb	1,500-6,300 Nm
Maximum Torque	4,460 ft-lb	6,300 Nm
Length (w/o socket)	23-7/8 in.	605.0 mm
Weight (w/o socket)	83.8 lbs.	38.1 kg
Air Consumption (normal)	31.8 c.f.m.	0.90 m ³ /min
Hose Size	3/4 in.	19.0 mm
Anvil Length	2-1/16 in.	51.0 mm

**Designed for high tension bolt.

*Performance figures are at 0.62MPa(Pe)(90P.S.I.)air pressure.

Fastening Tool

IMPACT DRIVER

Main Features

1. For various types of screws
2. Aluminum window sash
3. Furniture and other wooden applications.
4. Assembly for motorbikes and light vehicles
5. Disassembly/fixing of fenders, bumpers, and interiors.



1/4" (6.35mm) HEX. KW-50S

Drive Size	1/4" Hex	6.35 mm
Free Speed	10,500 r.p.m.	
Impact Per Min.	3,000 i.p.m.	
Recommended Torque	—	—
Length (w/o socket)	7-1/4 in.	184.0 mm
Weight (w/o socket)	1.7 lbs.	0.77 kg
Air Consumption (normal)	7.1 c.f.m.	0.20 m³/min
Hose Size	1/4 in.	6.5 mm

Double Hammer



For Super Soft Joint

※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.

1/4" (6.35mm) HEX. KW-50H

Drive Size	1/4" Hex	6.35 mm
Free Speed	10,500 r.p.m.	
Impact Per Min.	3,000 i.p.m.	
Recommended Torque	—	—
Length (w/o socket)	7-1/4 in.	184.0 mm
Weight (w/o socket)	1.7 lbs.	0.77 kg
Air Consumption (normal)	7.1 c.f.m.	0.20 m³/min
Hose Size	1/4 in.	6.5 mm

Double Hammer



For Soft Joint

※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.

1/4" (6.35mm) HEX. KW-50

Drive Size	1/4" Hex	6.35 mm
Free Speed	10,500 r.p.m.	
Impact Per Min.	3,000 i.p.m.	
Recommended Torque	1.5-20 ft-lb	2-27 Nm
Length (w/o socket)	7-1/4 in.	184.0 mm
Weight (w/o socket)	1.7 lbs.	0.77 kg
Air Consumption (normal)	7.1 c.f.m.	0.20 m³/min
Hose Size	1/4 in.	6.5 mm

Double Hammer



For Hard Joint

※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.

1/4" (6.35mm) HEX. KW-7PD

Drive Size	1/4" Hex	6.35 mm
Free Speed	8,800 r.p.m.	
Impact Per Min.	2,500 i.p.m.	
Recommended Torque	7-50 ft-lb	10-70 Nm
Length (w/o socket)	5-15/16 in.	150.0 mm
Weight (w/o socket)	2.2 lbs.	1.0 kg
Air Consumption (normal)	10.6 c.f.m.	0.30 m³/min
Hose Size	1/4 in.	6.5 mm



Double Hammer

※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.

1/4" (6.35mm) HEX. KW-5PD

Drive Size	1/4" Hex	6.35 mm
Free Speed	8,500 r.p.m.	
Impact Per Min.	3,000 i.p.m.	
Recommended Torque	1.5-20 ft-lb	2-27 Nm
Length (w/o socket)	6-5/16 in.	160.0 mm
Weight (w/o socket)	1.7 lbs.	0.75 kg
Air Consumption (normal)	7.1 c.f.m.	0.20 m³/min
Hose Size	1/4 in.	6.5 mm

Double Hammer



※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.

Fastening Tool

QUICK SPANNER

Fastening Tool

IMPACT RATCHET

Fastening Tool

RATCHET WRENCH

■ 3/8" (9.5mm) SQ. DR.

KSS-10A

Drive Size	3/8 in.	9.5 mm
Bolt Capacity	5/16 in.	8.0 mm
Free Speed	900 r.p.m.	
Length (w/o socket)	8-3/16 in.	207.0 mm
Weight (w/o socket)	1.3 lbs.	0.61 kg
Air Consumption (normal)	13.4 c.f.m.	0.38 m³/min
Hose Size	1/4 in.	6.5 mm

※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.



■ 3/8" (9.5mm) SQ. DR.

KRI-10

Drive Size	3/8 in.	9.5 mm
Bolt Capacity	3/8 in.	10.0 mm
Free Speed	500 r.p.m.	
Maximum Torque	22 ft-lb	30 Nm
Length (w/o socket)	6-7/8 in.	174.0 mm
Weight (w/o socket)	1.4 lbs.	0.65 kg
Air Consumption (normal)	8.8 c.f.m.	0.25 m³/min
Hose Size	1/4 in.	6.5 mm

※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.



■ 3/8" (9.5mm) SQ. DR.

KR-133A

Drive Size	3/8 in.	9.5 mm
Bolt Capacity	3/8 in.	10.0 mm
Free Speed	300 r.p.m.	
Maximum Torque	14 ft-lb	20 Nm
Length (w/o socket)	6-3/4 in.	170.0 mm
Weight (w/o socket)	1.2 lbs.	0.54 kg
Air Consumption (normal)	8.8 c.f.m.	0.25 m³/min
Hose Size	1/4 in.	6.5 mm

※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.



■ 3/8" (9.5mm) SQ. DR.

KR-153

Drive Size	3/8 in.	9.5 mm
Bolt Capacity	3/8 in.	10.0 mm
Free Speed	160 r.p.m.	
Maximum Torque	22 ft-lb	30 Nm
Length (w/o socket)	11-1/4 in.	285.0 mm
Weight (w/o socket)	2.1 lbs.	0.96 kg
Air Consumption (normal)	8.8 c.f.m.	0.25 m³/min
Hose Size	1/4 in.	6.5 mm



※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.

■ 1/2" (12.7mm) SQ. DR.

KR-183

Drive Size	1/2 in.	12.7 mm
Bolt Capacity	3/8 in.	10.0 mm
Free Speed	160 r.p.m.	
Maximum Torque	22 ft-lb	30 Nm
Length (w/o socket)	10-3/8 in.	263.0 mm
Weight (w/o socket)	2.4 lbs.	1.1 kg
Air Consumption (normal)	8.8 c.f.m.	0.25 m³/min
Hose Size	1/4 in.	6.5 mm



※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.

Fastening Tool SPECIALTY WRENCH



Main Features

1. N-Type Clutch
2. High power : 650 Nm
3. For crank pulley bolts
4. For timing belt
5. For narrow places
6. Various sockets & adapters



■ Narrow Wrench

KNAW-22H

Bolt Capacity	7/8 in.	22.0 mm
Free Speed	1,800 r.p.m.	
Maximum Torque	480 ft-lb	650 Nm
Length (w/o socket)	15-1/8 in.	384.0 mm
Width (w/o socket)	3-7/8 in.	97.0 mm
Width (Gear Case)	1-9/16 in.	38.5 mm
Weight (w/o socket)	15.2 lbs.	6.9 kg
Air Consumption (normal)	20.5 c.f.m.	0.58 m³/min
Hose Size	1/2 in.	12.7 mm

※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.

Main Features

Playing active roles in port constructions.

**Suitable for off-shore operations,
ship maintenances, etc.**

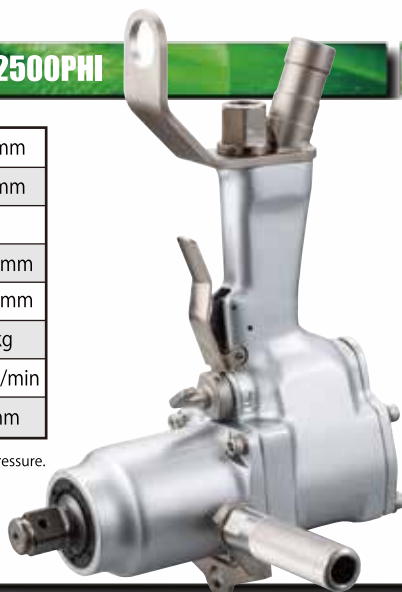
1. KUKEN Original N-Type Clutch.
2. Easy to maintain the tool.
3. Durable : Surface treatment to avoid from rusting.
4. Safe : Exhaust hose makes possible to clear operator's vision
5. The hook to attach a wire to avoid the tool from sinking.
6. Low Cost : Very low maintenance cost.
7. Long exhaust hose to avoid ocean contamination.
8. High power.



■ Water Proof Impact Wrench **KW-2500PHI**

Drive Size	3/4 in.	19.0 mm
Bolt Capacity	1 in.	25.0 mm
Free Speed	4,500 r.p.m.	
Length (w/o socket)	8-13/16 in.	223.0 mm
Height (w/o socket)	12-7/8 in.	326.0 mm
Weight (w/o socket)	11.0 lbs.	5.0 kg
Air Consumption (normal)	15.9 c.f.m.	0.45 m³/min
Hose Size	3/8 in.	9.5 mm

※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.



■ Water Proof Impact Wrench **KW-4500PHI**

Drive Size	1 in.	25.4 mm
Bolt Capacity	1-3/4 in.	45.0 mm
Free Speed	3,200 r.p.m.	
Length (w/o socket)	10-11/16 in.	270.0 mm
Height (w/o socket)	22-11/16 in.	575.0 mm
Weight (w/o socket)	25.1 lbs.	11.4 kg
Air Consumption (normal)	27.5 c.f.m.	0.78 m³/min
Hose Size	1/2 in.	12.7 mm

※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.



Tools for paint removing, grinding and polishing

DUAL ACTION SANDER

[Suction / Non-Suction Type]

■ 5.0mm orbit

KDM-055S

Pad Size	5 in.	125.0 mm
Orbital Diameter	3/16 in.	5.0 mm
Free Speed	9,500 r.p.m.	
Overall Length (with pad)	7-1/4 in.	183.0 mm
Height (with pad)	3-3/16 in.	81.0 mm
Weight (with pad)	1.6 lbs.	0.73 kg
Air Consumption (normal)	12.4 c.f.m.	0.35 m³/min
Hose Size	1/4 in.	6.5 mm

※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.



■ 3.0mm orbit

DAM-053S

Pad Size	5 in.	125.0 mm
Orbital Diameter	1/8 in.	3.0 mm
Free Speed	9,500 r.p.m.	
Overall Length (with pad)	7-1/4 in.	183.0 mm
Height (with pad)	3-3/4 in.	95.0 mm
Weight (with pad)	2.4 lbs.	1.1kg
Air Consumption (normal)	13.4 c.f.m.	0.38 m³/min
Hose Size	1/4 in.	6.5 mm

※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.



■ 3.0mm orbit

DAM-063S

Pad Size	6 in.	150.0 mm
Orbital Diameter	1/8 in.	3.0 mm
Free Speed	9,500 r.p.m.	
Overall Length (with pad)	7-3/4 in.	196.0 mm
Height (with pad)	3-7/8 in.	97.0 mm
Weight (with pad)	2.4 lbs.	1.1kg
Air Consumption (normal)	13.4 c.f.m.	0.38 m³/min
Hose Size	1/4 in.	6.5 mm

※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.



■ 5.0mm orbit

DAM-055S

Pad Size	5 in.	125.0 mm
Orbital Diameter	3/16 in.	5.0 mm
Free Speed	9,500 r.p.m.	
Overall Length (with pad)	7-3/16 in.	182.0 mm
Height (with pad)	3-3/4 in.	95.0 mm
Weight (with pad)	2.4 lbs.	1.1kg
Air Consumption (normal)	13.4 c.f.m.	0.38 m³/min
Hose Size	1/4 in.	6.5 mm

※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.



■ 5.0mm orbit

DAM-065S

Pad Size	6 in.	150.0 mm
Orbital Diameter	3/16 in.	5.0 mm
Free Speed	9,500 r.p.m.	
Overall Length (with pad)	7-11/16 in.	195.0 mm
Height (with pad)	3-7/8 in.	97.0 mm
Weight (with pad)	2.4 lbs.	1.1kg
Air Consumption (normal)	13.4 c.f.m.	0.38 m³/min
Hose Size	1/4 in.	6.5 mm

※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.



■ 10.0mm orbit

DAM-05AS

Pad Size	5 in.	125.0 mm
Orbital Diameter	3/8 in.	10.0 mm
Free Speed	9,500 r.p.m.	
Overall Length (with pad)	7-1/8 in.	180.0 mm
Height (with pad)	3-7/8 in.	97.0 mm
Weight (with pad)	2.4 lbs.	1.1kg
Air Consumption (normal)	13.4 c.f.m.	0.38 m³/min
Hose Size	1/4 in.	6.5 mm

※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.



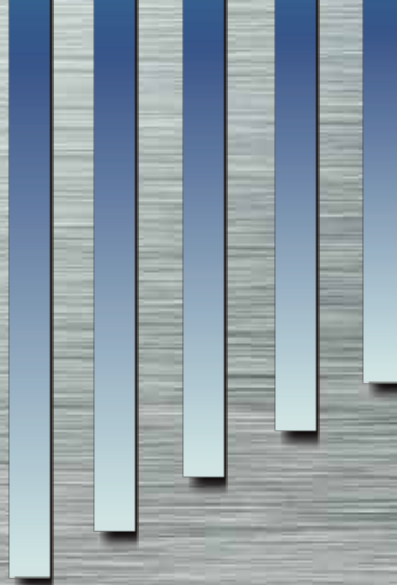
■ 10.0mm orbit

DAM-06AS

Pad Size	6 in.	150.0 mm
Orbital Diameter	3/8 in.	10.0 mm
Free Speed	9,500 r.p.m.	
Overall Length (with pad)	7-5/8 in.	193.0 mm
Height (with pad)	3-7/8 in.	97.0 mm
Weight (with pad)	2.4 lbs.	1.1kg
Air Consumption (normal)	13.4 c.f.m.	0.38 m³/min
Hose Size	1/4 in.	6.5 mm

※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.





■ 6.0mm orbit

DAC-056S

Pad Size	5 in.	125.0 mm
Orbital Diameter	1/4 in.	6.0 mm
Free Speed	7,500 r.p.m.	
Overall Length (with pad)	9-5/8 in.	244.0 mm
Height (with pad)	4-1/8 in.	104.0 mm
Weight (with pad)	3.3 lbs.	1.5 kg
Air Consumption (normal)	19.4 c.f.m.	0.55 m ³ /min
Hose Size	1/4 in.	6.5 mm



※Performance figures are at 0.62MPa(Pe)(90PSI.)air pressure.

■ 6.0mm orbit

DAC-066S

Pad Size	6 in.	150.0 mm
Orbital Diameter	1/4 in.	6.0 mm
Free Speed	7,500 r.p.m.	
Overall Length (with pad)	10-1/8 in.	257.0 mm
Height (with pad)	4-1/8 in.	104.0 mm
Weight (with pad)	3.3 lbs.	1.5 kg
Air Consumption (normal)	19.4 c.f.m.	0.55 m ³ /min
Hose Size	1/4 in.	6.5 mm



※Performance figures are at 0.62MPa(Pe)(90PSI.)air pressure.

■ 10.0mm orbit

DAC-05AS

Pad Size	5 in.	125.0 mm
Orbital Diameter	3/8 in.	10.0 mm
Free Speed	9,000 r.p.m.	
Overall Length (with pad)	9-9/16 in.	242.0 mm
Height (with pad)	4-1/8 in.	104.0 mm
Weight (with pad)	3.3 lbs.	1.5 kg
Air Consumption (normal)	20.5 c.f.m.	0.58 m ³ /min
Hose Size	1/4 in.	6.5 mm



※Performance figures are at 0.62MPa(Pe)(90PSI.)air pressure.

■ 10.0mm orbit

DAC-06AS

Pad Size	6 in.	150.0 mm
Orbital Diameter	3/8 in.	10.0 mm
Free Speed	9,000 r.p.m.	
Overall Length (with pad)	10-1/16 in.	255.0 mm
Height (with pad)	4-1/8 in.	104.0 mm
Weight (with pad)	3.3 lbs.	1.5 kg
Air Consumption (normal)	20.5 c.f.m.	0.58 m ³ /min
Hose Size	1/4 in.	6.5 mm



※Performance figures are at 0.62MPa(Pe)(90PSI.)air pressure.

■ 14.0mm orbit

DAC-05ES

Pad Size	5 in.	125.0 mm
Orbital Diameter	9/16 in.	14.0 mm
Free Speed	9,000 r.p.m.	
Overall Length (with pad)	9-1/2 in.	241.0 mm
Height (with pad)	4-1/8 in.	104.0 mm
Weight (with pad)	3.3 lbs.	1.5 kg
Air Consumption (normal)	20.5 c.f.m.	0.58 m ³ /min
Hose Size	1/4 in.	6.5 mm

Make To Order



※Performance figures are at 0.62MPa(Pe)(90PSI.)air pressure.

■ 14.0mm orbit

DAC-06ES

Pad Size	6 in.	150.0 mm
Orbital Diameter	9/16 in.	14.0 mm
Free Speed	9,000 r.p.m.	
Overall Length (with pad)	10 in.	253.0 mm
Height (with pad)	4-1/8 in.	104.0 mm
Weight (with pad)	3.3 lbs.	1.5 kg
Air Consumption (normal)	20.5 c.f.m.	0.58 m ³ /min
Hose Size	1/4 in.	6.5 mm

Make To Order



※Performance figures are at 0.62MPa(Pe)(90PSI.)air pressure.

Tools for sanding

ORBITAL SANDER

Orbital Sander

KOS-42

Non Suction Type



Pad Size	L: 3-15/16" W: 2-15/16"	L: 100.0mm W: 74.0mm
Orbital Diameter	1/8"	3.0 mm
Free Speed	10,000 r.p.m.	
Overall Length (with pad)	5-7/16 in.	137.0 mm
Height (with pad)	3-1/4 in.	82.0 mm
Weight (with pad)	1.3 lbs.	0.61 kg
Air Consumption (normal)	12.4 c.f.m.	0.35 m³/min
Hose Size	1/4 in.	6.5 mm

※Performance figures are at 0.62MPa(Pe)(90PSI)air pressure.

Orbital Sander

KOS-42S

Suction Type



Pad Size	L: 3-15/16" W: 2-15/16"	L: 100.0mm W: 74.0mm
Orbital Diameter	1/8"	3.0 mm
Free Speed	10,000 r.p.m.	
Overall Length (with pad)	6-15/16 in.	175.0 mm
Height (with pad)	3-1/4 in.	82.0 mm
Weight (with pad)	1.4 lbs.	0.63 kg
Air Consumption (normal)	12.4 c.f.m.	0.35 m³/min
Hose Size	1/4 in.	6.5 mm

※Performance figures are at 0.62MPa(Pe)(90PSI)air pressure.

Orbital Sander

SAM-41S

Suction Type



Pad Size	L: 4-3/8" W: 3"	L: 110.0mm W: 75.0mm
Orbital Diameter	1/8"	3.0 mm
Free Speed	10,000 r.p.m.	
Overall Length (with pad)	6-15/16 in.	176.0 mm
Height (with pad)	3-3/16 in.	80.0 mm
Weight (with pad)	1.5 lbs.	0.7 kg
Air Consumption (normal)	7.1 c.f.m.	0.20 m³/min
Hose Size	1/4 in.	6.5 mm

※Performance figures are at 0.62MPa(Pe)(90PSI)air pressure.

Orbital Sander

SAM-41

Non Suction Type



Pad Size	L: 4-3/8" W: 3"	L: 110.0mm W: 75.0mm
Orbital Diameter	1/8"	3.0 mm
Free Speed	10,000 r.p.m.	
Overall Length (with pad)	6-1/16 in.	153.0 mm
Height (with pad)	3-3/16 in.	80.0 mm
Weight (with pad)	1.5 lbs.	0.7 kg
Air Consumption (normal)	7.1 c.f.m.	0.20 m³/min
Hose Size	1/4 in.	6.5 mm

※Performance figures are at 0.62MPa(Pe)(90PSI)air pressure.

Orbital Sander

SAT-7S

Suction Type Only



Pad Size	L: 7-1/8" W: 3-15/16"	L: 180.0mm W: 100.0mm
Orbital Diameter	1/4"	7.0 mm
Free Speed	7,000 r.p.m.	
Overall Length (with pad)	12-1/4 in.	310.0 mm
Height (with pad)	4-11/16 in.	119.0 mm
Weight (with pad)	4.8 lbs.	2.2 kg
Air Consumption (normal)	15.9 c.f.m.	0.45 m³/min
Hose Size	1/4 in.	6.5 mm

※Performance figures are at 0.62MPa(Pe)(90PSI)air pressure.

Tools for sanding

OTHER SANDER

■ Straight Sander

KST-7S



Pad Size	L: 6-15/16" W: 3"	L: 175.0mm W: 75.0mm
Stroke Length	1/4"	6.0 mm
Stroke Speed	7,000 r.p.m.	
Overall Length (with pad)	11-1/8 in.	282.0 mm
Height (with pad)	3-5/8 in.	91.0 mm
Weight (with pad)	2.9 lbs.	1.3 kg
Air Consumption (normal)	8.8 c.f.m.	0.25 m³/min
Hose Size	1/4 in.	6.5 mm

※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.

■ Random Single Sander

DAC-05AI



Pad Size	5 in.	125.0 mm
Orbital Diameter	3/8 in.	10.0 mm
Free Speed	8,800 r.p.m.	
Overall Length (with pad)	9-11/16 in.	245.0 mm
Height (with pad)	4-1/8 in.	104.0 mm
Weight (with pad)	3.3 lbs.	1.5 kg
Air Consumption (normal)	20.5 c.f.m.	0.58 m³/min
Hose Size	1/4 in.	6.5 mm

※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.

■ Multi Mini Sander

MRS-35



Pad Size	3 in.	75.0 mm
Orbital Diameter	3/16 in.	5.0 mm
Free Speed	6,500 r.p.m.	
Overall Length (with pad)	8-1/16 in.	204.0 mm
Height (with pad)	3-7/16 in.	86.0 mm
Weight (with pad)	1.8 lbs.	0.82 kg
Air Consumption (normal)	15.9 c.f.m.	0.45 m³/min
Hose Size	1/4 in.	6.5 mm

※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.

■ Disc Sander

DS-4



Disc Size	4 in.	100.0 mm
Free Speed	13,000 r.p.m.	
Overall Length (with pad)	8-9/16 in.	217.0 mm
Height (with pad)	4-3/8 in.	110.0 mm
Weight (with pad)	2.1 lbs.	0.96 kg
Air Consumption (normal)	15.2 c.f.m.	0.43 m³/min
Hose Size	1/4 in.	6.5 mm

※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.

Tools for polishing

AIR POLISHER

■ Polisher

DSP-603



Polisher Type



Sander Type

Pad Size	5 in.	125.0 mm
Free Speed	2,200 r.p.m.	
Overall Length (with pad)	11 in.	278.0 mm
Height (with pad)	5-1/8 in.	130.0 mm
Weight (with pad)	4.2 lbs.	1.9 kg
Air Consumption (normal)	14.1 c.f.m.	0.40 m³/min
Hose Size	1/4 in.	6.5 mm

※Performance figures are at 0.62MPa(Pe)(90PSI.)air pressure.

■ Glass Polisher

SAM-41GP



Pad Size	L : 3-15/16" W : 2-7/8"	L : 100.0mm W : 73.0mm
Free Speed	10,000 r.p.m.	
Orbital Diameter	1/8 in.	3.0 mm
Overall Length (with pad)	6-1/16 in.	153.0 mm
Height (with pad)	3-1/8 in.	78.0 mm
Weight	1.5 lbs.	0.7 kg
Air Consumption (normal)	7.1 c.f.m.	0.20 m³/min
Hose Size	1/4 in.	6.5 mm

※Performance figures are at 0.62MPa(Pe)(90PSI.)air pressure.

■ Head Light Polisher

MRS-35



Pad Size	3 in.	75.0 mm
Orbital Diameter	3/16 in.	5.0 mm
Free Speed	6,500 r.p.m.	
Overall Length (with pad)	8-1/16 in.	204.0 mm
Height (with pad)	3-7/16 in.	86.0 mm
Weight (with pad)	1.8 lbs.	0.82 kg
Air Consumption (normal)	15.9 c.f.m.	0.45 m³/min
Hose Size	1/4 in.	6.5 mm

※Performance figures are at 0.62MPa(Pe)(90PSI.)air pressure.

■ Wax Polisher

PACS-7A



Pad Size	6 in.	150.0 mm
Orbital Diameter	3/16 in.	5.0 mm
Free Speed	7,500 r.p.m.	
Overall Length (with pad)	11-5/16 in.	287.0 mm
Height (with pad)	4-3/16 in.	105.0 mm
Weight (with pad)	3.5 lbs.	1.6 kg
Air Consumption (normal)	16.9 c.f.m.	0.48 m³/min
Hose Size	1/4 in.	6.5 mm

※Performance figures are at 0.62MPa(Pe)(90PSI.)air pressure.

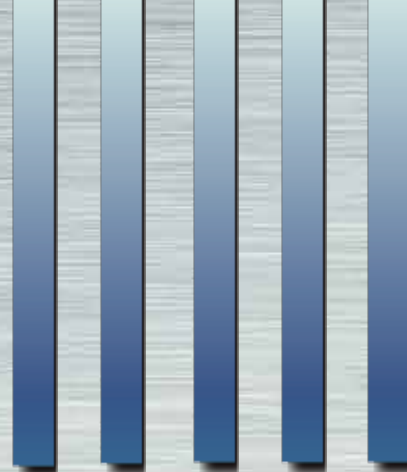
■ Wax Polisher

PM-045



Pad Size	4-3/8 in.	108.0 mm
Orbital Diameter	3/16 in.	5.0 mm
Free Speed	9,500 r.p.m.	
Overall Length (with pad)	6-3/16 in.	157.0 mm
Height (with pad)	3-3/4 in.	94.0 mm
Weight (with pad)	2.2 lbs.	1.0 kg
Air Consumption (normal)	13.4 c.f.m.	0.38 m³/min
Hose Size	1/4 in.	6.5 mm

※Performance figures are at 0.62MPa(Pe)(90PSI.)air pressure.



BELT SANDER



■ Belt Sander

KBS-10A

Belt Size	L : 13" W : 3/8"	L : 330.0mm W : 10.0mm
Free Speed	18,000 r.p.m.	
Belt Speed	3,936 ft/min.	1,200 m/min
Overall Length	13 in.	330.0 mm
Width	3-3/8 in.	85.0 mm
Weight	2.0 lbs.	0.90 kg
Air Consumption (normal)	15.9 c.f.m.	0.45 m³/min
Hose Size	1/4 in.	6.5 mm

※Performance figures are at 0.62MPa(Pe)(90P.S.I.)air pressure.



■ Belt Sander

KBS-12

Belt Size	L : 13" W : 3/8"	L : 330.0mm W : 10.0mm
Belt Size	L : 13" W : 1/2"	L : 330.0mm W : 12.0mm
Free Speed	13,500 r.p.m.	
Belt Speed	3,345 ft/min.	1,020 m/min
Overall Length	11-5/16 in.	287.0 mm
Width	3-1/4 in.	82.0 mm
Weight	1.8 lbs.	0.84 kg
Air Consumption (normal)	12.0 c.f.m.	0.34 m³/min
Hose Size	1/4 in.	6.5 mm

※Performance figures are at 0.62MPa(Pe)(90P.S.I.)air pressure.



■ Belt Sander

KBS-20A

Belt Size	L : 20-1/2" W : 13/16"	L : 520.0mm W : 20.0mm
Free Speed	14,000 r.p.m.	
Belt Speed	7,216 ft/min.	2,200 m/min
Overall Length	16-3/4 in.	424.0 mm
Width (including grip)	8-1/16 in.	204.0 mm
Weight	3.3 lbs.	1.5 kg
Air Consumption (normal)	16.2 c.f.m.	0.46 m³/min
Hose Size	1/4 in.	6.5 mm

※Performance figures are at 0.62MPa(Pe)(90P.S.I.)air pressure.

Tools for grinding and deburring

STRAIGHT GRINDER

■Straight Grinder

KG-10



Collet Size	1/8 in.	3.0 mm
Collet Size	1/4 in.	6.0 mm
Free Speed	25,000 r.p.m.	
Length (with chuck)	6 in.	152.0 mm
Weight (with chuck)	0.8 lbs.	0.35 kg
Air Consumption (normal)	13.4 c.f.m.	0.38 m³/min
Hose Size	1/4 in.	6.5mm

※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.

■Straight Grinder

KG-25



Collet Size	1/4 in.	6.0 mm
Eraser Size	3-1/2 in.	88.0 mm
Free Speed	3,400 r.p.m.	
Length (with chuck)	8-3/16 in.	207.0 mm
Weight (with chuck)	1.7 lbs.	0.75 kg
Air Consumption (normal)	15.9 c.f.m.	0.45 m³/min
Hose Size	1/4 in.	6.5 mm

※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.

■Straight Grinder

KG-25T



Max. Collet Size	5-16 in.	8.0 mm
Free Speed	3,400 r.p.m.	
Length (with chuck)	8-5/16 in.	211.0 mm
Weight (with chuck)	2.0 lbs.	0.92 kg
Air Consumption (normal)	15.9 c.f.m.	0.45 m³/min
Hose Size	1/4 in.	6.5 mm

※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.

■Grip Throttle

KG-11G

Collet Size	1/8 in.	3.0 mm
Collet Size	1/4 in.	6.0 mm
Free Speed	21,000 r.p.m.	
Length (with chuck)	7-3/16 in.	181.0 mm
Weight (with chuck)	1.5 lbs.	0.66 kg
Air Consumption (normal)	15.9 c.f.m.	0.45 m³/min
Hose Size	1/4 in.	6.5 mm

※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.



■Safety Lever

KG-11

Collet Size	1/8 in.	3.0 mm
Collet Size	1/4 in.	6.0 mm
Free Speed	20,000 r.p.m.	
Length (with chuck)	6-9/16 in.	166.0 mm
Weight (with chuck)	1.4 lbs.	0.64 kg
Air Consumption (normal)	15.9 c.f.m.	0.45 m³/min
Hose Size	1/4 in.	6.5 mm

※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.

■Grip Throttle

KG-11LG

Collet Size	1/8 in.	3.0 mm
Collet Size	1/4 in.	6.0 mm
Free Speed	18,000 r.p.m.	
Length (with chuck)	13-1/4 in.	335.0 mm
Weight (with chuck)	2.4 lbs.	1.1 kg
Air Consumption (normal)	15.2 c.f.m.	0.43 m³/min
Hose Size	1/4 in.	6.5 mm

※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.



■Safety Lever

KG-11L

Collet Size	1/8 in.	3.0 mm
Collet Size	1/4 in.	6.0 mm
Free Speed	18,000 r.p.m.	
Length (with chuck)	12-5/8 in.	320.0 mm
Weight (with chuck)	2.4 lbs.	1.1 kg
Air Consumption (normal)	15.2 c.f.m.	0.43 m³/min
Hose Size	1/4 in.	6.5 mm

※Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.

Tools for grinding and deburring

ANGLE GRINDER

■ 4" Angle Grinder

KAG-40



Grinding Stone Size (Outer Diameter)	3-15/16 in.	100 mm
Grinding Stone Size (Inner Diameter)	5/8 in.	16 mm
Free Speed	12,000 r.p.m.	
Length (w/o grinding stone)	7-1/2 in.	190.0 mm
Weight (w/o grinding stone)	2.2 lbs.	1.0 kg
Air Consumption (normal)	12.4 c.f.m.	0.35 m³/min
Hose Size	1/4 in.	6.5 mm

※ Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.

■ 4" Angle Grinder

KAG-40G



Grinding Stone Size (Outer Diameter)	3-15/16 in.	100 mm
Grinding Stone Size (Inner Diameter)	5/8 in.	16 mm
Free Speed	12,000 r.p.m.	
Length (w/o grinding stone)	7-11/16 in.	194.0 mm
Weight (w/o grinding stone)	2.1 lbs.	0.95 kg
Air Consumption (normal)	12.4 c.f.m.	0.35 m³/min
Hose Size	1/4 in.	6.5 mm

※ Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.

■ 4" Angle Grinder

KAG-45



Grinding Stone Size (Outer Diameter)	3-15/16 in.	100 mm
Grinding Stone Size (Inner Diameter)	5/8 in.	16 mm
Free Speed	12,000 r.p.m.	
Length (w/o grinding stone)	8-15/16 in.	226.0 mm
Weight (w/o grinding stone)	4.0 lbs.	1.8 kg
Air Consumption (normal)	19.1 c.f.m.	0.54 m³/min
Hose Size	1/4 in.	6.5 mm

※ Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.

■ 4" Angle Grinder

KAG-45G



Grinding Stone Size (Outer Diameter)	3-15/16 in.	100 mm
Grinding Stone Size (Inner Diameter)	5/8 in.	16 mm
Free Speed	12,000 r.p.m.	
Length (w/o grinding stone)	8-15/16 in.	226.0 mm
Weight (w/o grinding stone)	3.7 lbs.	1.7 kg
Air Consumption (normal)	19.1 c.f.m.	0.54 m³/min
Hose Size	1/4 in.	6.5 mm

※ Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.

■ 7" Angle Grinder

AG-70A



Grinding Stone Size (Outer Diameter)	7-1/16 in.	180 mm
Grinding Stone Size (Inner Diameter)	7/8 in.	22 mm
Free Speed	6,500 r.p.m.	
Length (w/o grinding stone)	12-5/8 in.	320.0 mm
Weight (w/o grinding stone)	7.5 lbs.	3.4 kg
Air Consumption (normal)	24.7 c.f.m.	0.70 m³/min
Hose Size	3/8 in.	9.5 mm

※ Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.

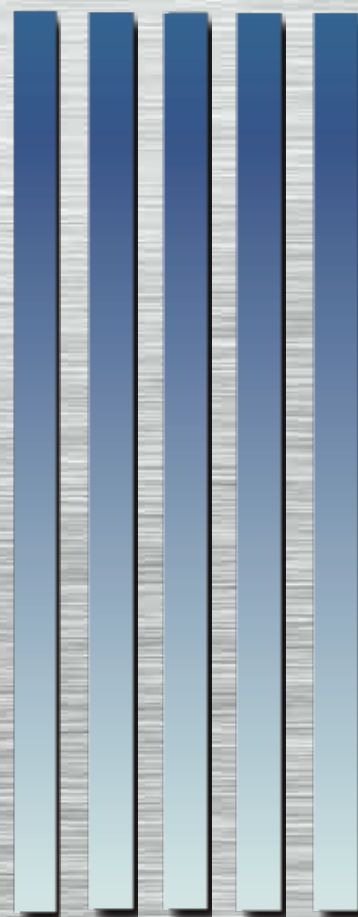
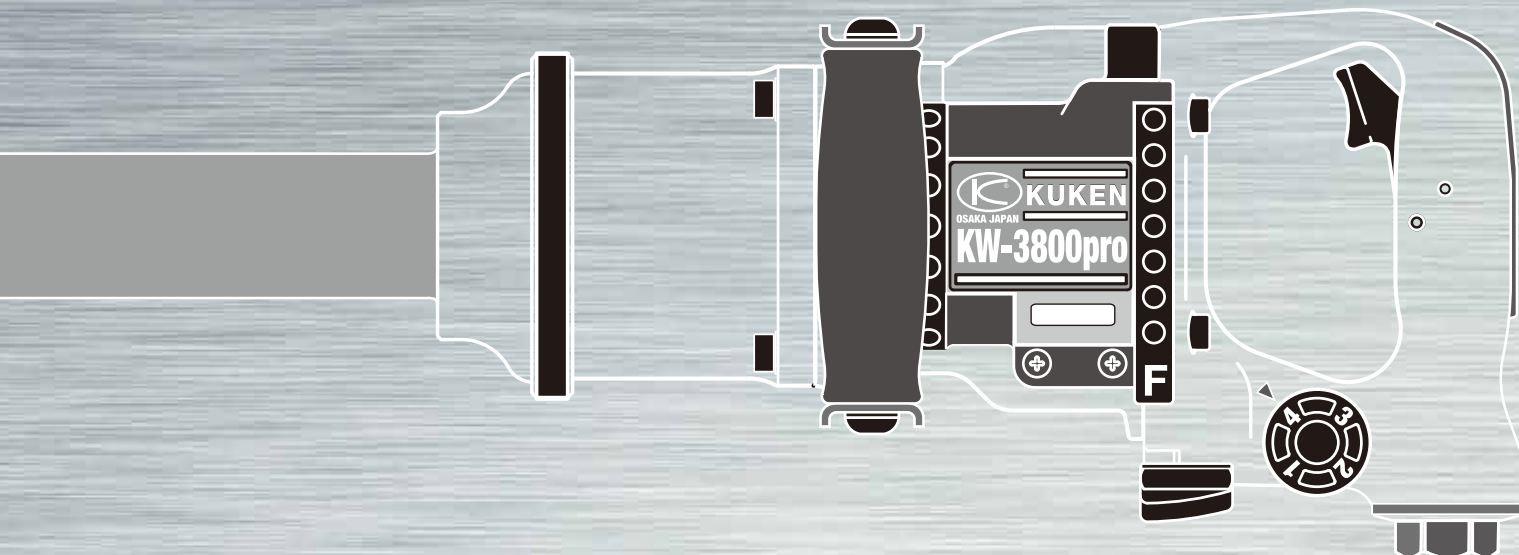
■ 7" Angle Grinder

AG-70AG



Grinding Stone Size (Outer Diameter)	7-1/16 in.	180 mm
Grinding Stone Size (Inner Diameter)	7/8 in.	22 mm
Free Speed	6,500 r.p.m.	
Length (w/o grinding stone)	10-11/16 in.	270.0 mm
Weight (w/o grinding stone)	7.3 lbs.	3.3 kg
Air Consumption (normal)	24.7 c.f.m.	0.70 m³/min
Hose Size	3/8 in.	9.5 mm

※ Performance figures are at 0.62MPa(Pe)(90PS.I.)air pressure.



Distributor :

Product improvement is continuing. Designs and specifications are subject to change without prior notice or obligation.



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