

**Air
Boss®**

PNEUMATIC TOOLS





ABOUT AIRBOSS

AIRBOSS AIR TOOLS CO., LTD. is AirBoss pneumatic tools are available to meet the needs of different customer groups. Three differently positioned pneumatic wrenches are produced; Divided into 1.The highest quality and light weight industrial grade (exclusive patented product) 2.Industrial grade. 3.An affordable professional grade designed for auto repair.

AIRBOSS lightweight products are different from the common non-environmental plastic steel materials in the market. AIRBOSS lightweight series is made of exclusive patents for magnesium alloy lightweight products, featuring lightweight, high precision, high pressure resistance, long service life and all environmentally friendly materials. The exclusive patent extends the life by 100%, which is equivalent to reducing the consumer cost. The product weight reduced 20%. Lastly, we have invented the world's shortest pneumatic wrench.

REGIONAL PATENTS

North America & Europe region

U.S.A.



GERMANY



Asia region

CHINA



JAPAN



TAIWAN



KOREA



REGIONAL INVENTION FAIR AWARDS

North America & Europe region

GERMANY

2020 German Design Award (Asia's first award-winning pneumatic tool manufacturer)
The 63th Germany IENA



U.S.A.

The 26th USA Pittsburgh-INPEX



Asia region

TAIWAN

2019 Taiwan Excellence / Taiwan Excellence /
Ministry of Economic Affairs Big Award



KOREA

The 7th KOREA-SIIF



We Present the Excellence of the World to You!

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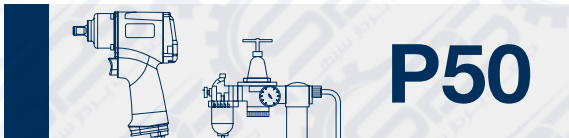
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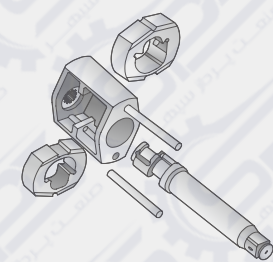
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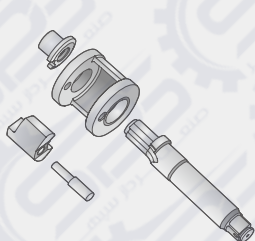
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AIR SUPPLY SYSTEM & CONVERSION TABLE

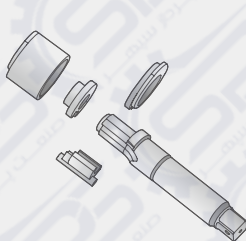
THE IMPACT MECHANISM CHARTS



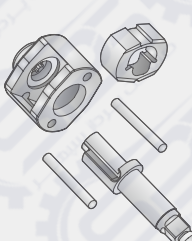
Twin Hammer Mechanism



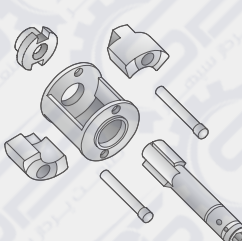
Rocking Dog Mechanism



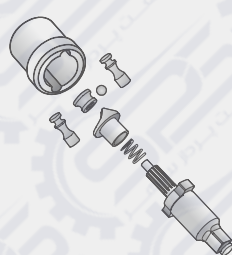
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Pin Clutch Mechanism

Industrial
Air Impact
Wrench

AB Series

- Ideal for heavy duty & industrial assembly & auto repair & maintenance
- Stronger & durable in all kinds of harsh environment
- Available in all sizes: 3/8", 1/2", 3/4", 1", 1-1/2"



AIR IMPACT WRENCH - AB SERIES

3/8" & 1/2" Pistol Type

AB Series

Industrial
Air Impact
Wrench



AB-1600PD



AB-1800PD



AB-1700P



AB-1900P



AB-1900PL



AB-1900PO
PO=Oil Bath

INFORMATION

Model	Bolt Capacity		Clutch Type	Free Speed	Suitable Torque		Max Torque		Overall Length	Net Weight		Air Consumption	Air Inlet	Air Hose	Air Pressure
	mm	mm		r.p.m.	ft-lb	N.M.	ft-lb	N.M.	mm	lbs	kg	m ³ /min	PT (in.)	mm	kg/cm ²
AB-1600PD	3/8"	12-14	Twin Hammer	7800	24-207	32-280	221	300	161	3.1	1.4	0.3	1/4"	6.4	6.3
	1/2"	14													
AB-1800PD	3/8"	16-18	Twin Hammer	7500	25-369	34-500	450	610	175	4.8	2.2	0.3	1/4"	6.4	6.3
	1/2"	18													
AB-1700P	3/8"	13-15	Twin Hammer	7600	25-225	34-306	375	510	129	3.3	1.5	0.3	1/4"	6.4	6.3
	1/2"	15													
AB-1900P	1/2"	19	Twin Hammer	7400	27-387	36-525	627	850	155	5.5	2.5	0.3	1/4"	6.4	6.3
AB-1900PL	1/2"	19	Twin Hammer	7400	27-387	36-525	627	850	185	5.7	2.6	0.3	1/4"	6.4	6.3
AB-1700PO	3/8"	13-15	Twin Hammer	6600	25-225	34-306	375	510	129	3.3	1.5	0.3	1/4"	6.4	6.3
	1/2"	15													
AB-1900PO	1/2"	19	Twin Hammer	6400	27-387	36-525	627	850	155	5.5	2.5	0.3	1/4"	6.4	6.3
AB-1900POL	1/2"	19	Twin Hammer	6400	27-387	36-525	627	850	185	5.7	2.6	0.3	1/4"	6.4	6.3

The above data is for reference only, please refer to the actual measurement

AIR IMPACT WRENCH - AB SERIES

3/4" Pistol & Straight Type

AIR IMPACT WRENCH - AB SERIES

1" Straight Type



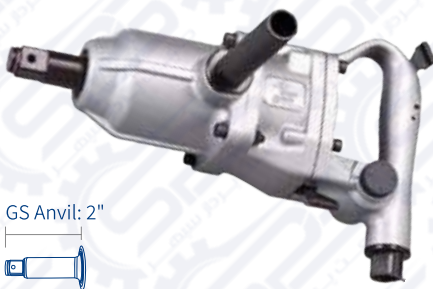
AB-2100P



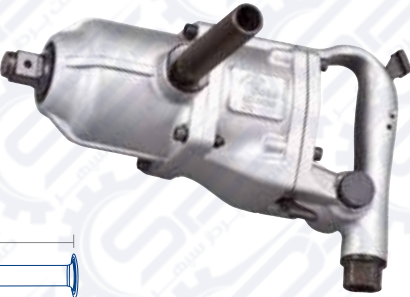
AB-2100PL



AB-3000P



AB-2200GS



AB-3000GS



AB-3000GL



AB-3400GL



AB-3800GL



AB-4000GL



INFORMATION

The lower two models are available in Inner Trigger version.

Model	Bolt Capacity	Clutch Type	Free Speed	Suitable Torque		Max Torque		Overall Length		Net Weight		Air Consumption	Air Inlet	Air Hose	Air Pressure
				ft-lb	N.M.	ft-lb	N.M.	mm	lbs	kg					
AB-2300PL	23	Twin Hammer	6500	265-584	360-720	738	1000	317	9.3	4.2		0.4	3/8"	9.5	6.3
AB-2100P	21	Twin Hammer	6500	295-649	400-800	812	1100	216	9.2	4.2		0.4	3/8"	9.5	6.3
AB-2100PL	21	Twin Hammer	6500	295-649	400-800	812	1100	317	9.9	4.5		0.4	3/8"	9.5	6.3
AB-3000P	30	Twin Hammer	4800	332-885	450-1200	1253	1700	253	12.1	5.5		0.5	3/8"	9.5	6.3
AB-2200GS	22	Twin Hammer	6200	295-590	400-800	812	1100	313	9.7	4.4		0.4	3/8	9.5	6.3
AB-3000	GL	Twin Hammer	4500	369-959	500-1300	1328	1800	430	11.9	5.4		0.5	1/2"	12.7	6.3
	GM							348	11.7	5.3					
	GS							308	11.5	5.2					

The above data is for reference only, please refer to the actual measurement

INFORMATION

All above models are available in Inner Trigger version.

Model		Bolt Capacity	Clutch Type	Free Speed	Suitable Torque		Max Torque		Overall Length	Net Weight		Air Consumption	Air Inlet	Air Hose	Air Pressure
					ft-lb	N.M.	ft-lb	N.M.		lbs	kg				
AB-3000	GL	30	Twin Hammer	4500	369-959	500-1300	1328	1800	430	12.1	5.5	0.5	1/2"	12.7	6.3
	GM								348	11.9	5.4				
	GS								308	11.7	5.3				
AB-3400	GL	34	Twin Hammer	4500	405-1107	550-1500	1475	2000	508	18.5	8.4	0.5	1/2"	12.7	6.3
	GS								407	16.8	7.6				
AB-3800	GL	38	Twin Hammer	4200	560-1299	760-1760	1623	2200	520	24.0	10.9	0.6	1/2"	12.7	6.3
	GS								419	22.3	10.1				
AB-4000	GL	40	Twin Hammer	4200	634-1416	860-1920	1771	2400	536	24.4	11.1	0.6	1/2"	12.7	6.3
	GS								409	23.0	10.4				

The above data is for reference only, please refer to the actual measurement

AIR IMPACT WRENCH - AB SERIES

1" Straight Type



INFORMATION All above models are available in Inner Trigger version.

Model		Bolt Capacity	Clutch Type	Free Speed	Suitable Torque		Max Torque		Overall Length			Air Consumption	Air Inlet	Air Hose	Air Pressure
		mm	Mechanism	r.p.m.	ft-lb	N.M.	ft-lb	N.M.	mm	lbs	kg	m³/min	PT (in.)	mm	kg/cm²
AB-4002	GL	40	Swing Hammer	4200	649-1416	880-1920	1771	2400	530	24.4	11.1	0.6	1/2"	12.7	6.3
	GS								403	22.5	10.2				
AB-4200	GL	42	Twin Hammer	4000	959-1594	1300-2160	1992	2700	600	26.6	12.1	0.6	1/2"	12.7	6.3
	GS								473	24.7	11.2				
AB-5000	GL	50	Twin Hammer	3000	1107-1948	1500-2640	2435	3300	640	36.1	16.4	0.6	1/2"	12.7	6.3
	GS								488	34.2	15.5				
AB-5502	GL	55	Swing Hammer	3000	1328-1948	1800-2640	2508	3400	589	35.2	16.0	0.6	1/2"	12.7	6.3
	GS								437	31.4	14.2				

The above data is for reference only, please refer to the actual measurement

AIR IMPACT WRENCH - AB SERIES

1" Pistol Type & 1-1/2" Straight Type

1" WRENCH - PISTOL TYPE



1-1/2" WRENCH - STRAIGHT TYPE



INFORMATION

Model	Bolt Capacity	Clutch Type	Free Speed	Suitable Torque		Max Torque		Overall Length	Net Weight		Air Consumption	Air Inlet	Air Hose	Air Pressure
	mm	Mechanism	r.p.m.	ft-lb	N.M.	ft-lb	N.M.	mm	lbs	kg	m³/min	PT (in.)	mm	kg/cm²
AB-2300P	23	Twin Hammer	6500	295-649	400-800	812	1100	192	8.2	3.7	0.4	3/8"	9.5	6.3
AB-3000P	30	Twin Hammer	4800	332-885	450-1200	1253	1700	253	12.3	5.6	0.5	3/8"	9.5	6.3
AB-4002P	40	Swing Hammer	4200	649-1416	880-1920	1771	2400	290	21.1	9.6	0.6	1/2"	12.7	6.3
AB-5502P	55	Swing Hammer	3000	1328-1948	1800-2640	2508	3400	314	30.4	13.8	0.6	1/2"	12.7	6.3
AB-5500GS	55	Twin Hammer	3000	1180-1948	1600-2640	2508	3400	442	35.6	16.2	0.6	1/2"	12.7	6.3

The above data is for reference only, please refer to the actual measurement

Air Impact
Screwdriver
& Wrench

AB Series

- Ideal for industrial assembly
- Stronger & stable features provide efficient work
- Easier to operate
- Longer lifetime
- Easy to access in tight spaces

AIR IMPACT SCREWDRIVER - AB SERIES
1/4" Straight Type

AB Series
Air Impact
Screwdriver
& Wrench



AB-4.5S



AB-5S



AB-8S



AB-6



AB-8



AB-10

INFORMATION

Model	Bolt Capacity	Clutch Type	Free Speed	Suitable Torque		Overall Length	Net Weight		Air Consumption	Air Inlet	Air Hose	Air Pressure
	mm	Mechanism	r.p.m.	ft-lb	N.M.	mm	lbs	kg	m ³ /min	PT (in.)	mm	kg/cm ²
AB-4.5S	4-5	Twin Dog	10000	7-26	9-35	195	1.5	0.7	0.2	1/4"	6.4	6.3
AB-5S	4-5	Twin Dog	10000	8-30	11-40	195	1.5	0.7	0.2	1/4"	6.4	6.3
AB-8S	6-8	Twin Dog	8500	15-44	20-60	195	2.2	1.0	0.3	1/4"	6.4	6.3
AB-6	5-6	Twin Dog	9000	13-37	17-50	210	2.2	1.0	0.3	1/4"	6.4	6.3
AB-8	6-8	Twin Dog	8500	15-44	20-60	190	2.2	1.0	0.3	1/4"	6.4	6.3
AB-10	8-10	Twin Hammer	8000	22-52	30-70	215	2.4	1.1	0.3	1/4"	6.4	6.3

The above data is for reference only, please refer to the actual measurement

AIR IMPACT SCREWDRIVER - AB SERIES

1/4" Pistol Type



AB-5PD



AB-6PD



AB-8PD



AB-5PP



AB-6PP



AB-8PP



AB-8P



AB-10PD



AB-1600PD



AB-10PP



AB-1700P

INFORMATION

Model	Bolt Capacity	Clutch Type	Free Speed	Suitable Torque		Overall Length	Net Weight		Air Consumption	Air Inlet	Air Hose	Air Pressure
	mm	Mechanism	r.p.m.	ft-lb	N.M.	mm	lbs	kg	m³/min	PT (in.)	mm	kg/cm²
AB-5PD	4-5	Twin Dog	11000	8-30	11-40	145	2.0	0.9	0.2	1/4"	6.4	6.3
AB-6PD	5-6	Twin Dog	10500	13-37	17-50	155	2.4	1.1	0.3	1/4"	6.4	6.3
AB-8PD	6-8	Twin Dog	9500	15-44	20-60	165	2.6	1.2	0.3	1/4"	6.4	6.3
AB-8P	6-8	Twin Dog	8500	15-44	20-60	185	2.9	1.3	0.3	1/4"	6.4	6.3
AB-10PD	8-10	Twin Hammer	8500	22-52	30-70	165	2.6	1.2	0.3	1/4"	6.4	6.3
AB-1600PD	12-14	Twin Hammer	7800	24-207	32-280	161	3.1	1.4	0.3	1/4"	6.4	6.3

The above data is for reference only, please refer to the actual measurement

AIR IMPACT SCREWDRIVER - AB SERIES

1/4" Pistol Type



AB-5PP



AB-6PP



AB-8PP



AB-10PP



AB-1700P

INFORMATION

Model	Bolt Capacity	Clutch Type	Free Speed	Suitable Torque		Overall Length	Net Weight		Air Consumption	Air Inlet	Air Hose	Air Pressure
	mm	Mechanism	r.p.m.	ft-lb	N.M.	mm	lbs	kg	m³/min	PT (in.)	mm	kg/cm²
AB-5PP	4-5	Twin Dog	10500	8-30	11-40	153	2.0	0.9	0.2	1/4"	6.4	6.3
AB-6PP	5-6	Twin Dog	10000	13-37	17-50	159	2.4	1.1	0.3	1/4"	6.4	6.3
AB-8PP	6-8	Twin Dog	9500	15-44	20-60	163	2.6	1.2	0.3	1/4"	6.4	6.3
AB-10PP	8-10	Twin Hammer	9000	22-52	30-70	172	2.6	1.2	0.3	1/4"	6.4	6.3
AB-1700P	13-15	Twin Hammer	7600	25-225	34-306	129	3.3	1.5	0.3	1/4"	6.4	6.3

The above data is for reference only, please refer to the actual measurement

AIR IMPACT SCREWDRIVER & WRENCH - AB SERIES

1/4" Screwdriver Angle Type & 3/8" Wrench Pistol Type

1/4" SCREWDRIVER - STRAIGHT ANGLE TYPE



AB-5A



AB-8A

3/8" WRENCH - PISTOL TYPE



AB-6PPH



AB-8PPH



AB-10PPH

INFORMATION

Model	Bolt Capacity	Clutch Type	Free Speed	Suitable Torque		Overall Length	Net Weight		Air Consumption	Air Inlet	Air Hose	Air Pressure
	mm	Mechanism	r.p.m.	ft-lb	N.M.	mm	lbs	kg	m³/min	PT (in.)	mm	kg/cm²
AB-5A	4-5	Twin Dog	10000	8-30	11-40	195	2.2	1.0	0.2	1/4"	6.4	6.3
AB- 8A	6-8	Twin Hammer	8000	15-44	20-60	215	3.4	1.5	0.3	1/4"	6.4	6.3
AB-6PPH	5-6	Twin Dog	10000	13-37	17-50	159	2.2	1.0	0.3	1/4"	6.4	6.3
AB-8PPH	6-8	Twin Dog	9500	15-44	20-60	163	2.4	1.1	0.3	1/4"	6.4	6.3
AB-10PPH	8-10	Twin Hammer	9000	22-52	30-70	172	2.4	1.1	0.3	1/4"	6.4	6.3

The above data is for reference only, please refer to the actual measurement

AIR IMPACT WRENCH - AB SERIES

3/8" Straight & Pistol Type

3/8" WRENCH - STRAIGHT TYPE



AB-6H



AB-8SH



AB-8H



AB-10H

3/8" WRENCH - PISTOL TYPE



AB-6PDH



AB-8PH



AB-8PDH



AB-10PDH

INFORMATION

Model	Bolt Capacity	Clutch Type	Free Speed	Suitable Torque		Overall Length	Net Weight		Air Consumption	Air Inlet	Air Hose	Air Pressure
	mm	Mechanism	r.p.m.	ft-lb	N.M.	mm	lbs	kg	m³/min	PT (in.)	mm	kg/cm²
AB-6H	5-6	Twin Dog	9000	13-37	17-50	203	2.2	1.0	0.3	1/4"	6.4	6.3
AB-8SH	6-8	Twin Dog	8500	15-44	20-60	188	2.2	1.0	0.3	1/4"	6.4	6.3
AB-8H	6-8	Twin Dog	8500	15-44	20-60	183	2.2	1.0	0.3	1/4"	6.4	6.3
AB-10H	8-10	Twin Hammer	8000	22-52	30-70	208	2.4	1.1	0.3	1/4"	6.4	6.3
AB-6PDH	5-6	Twin Dog	10500	13-37	17-50	148	2.2	1.0	0.3	1/4"	6.4	6.3
AB-8PH	6-8	Twin Dog	8500	15-44	20-60	178	2.6	1.2	0.3	1/4"	6.4	6.3
AB-8PDH	6-8	Twin Dog	9500	15-44	20-60	158	2.4	1.1	0.3	1/4"	6.4	6.3
AB-10PDH	8-10	Twin Hammer	8500	22-52	30-70	178	2.6	1.2	0.3	1/4"	6.4	6.3

The above data is for reference only, please refer to the actual measurement

AG Series



- Suitable for heavy duty work & industrial use
- Durable & Reliable
- High performance
- Low vibration
- Low noise
- High concentricity accuracy
- Safety design for over-load-speed
- Ideal for shipbuilding, petrochemical industry, rail transit industry, and aerospace industry etc

AIR GRINDER TOOLS - AG SERIES

Air Angle Grinder – Lever Type

AG Series
Air
Grinder
Tools



AG-50C-3BF



AG-50C-1BF



AG-100CH-1F



AG-125E-2VF



AG-180E-3VF



AG-230C-2M

INFORMATION

Model	Collet Size		Maximum Diameter Grinding Wheel		Spindle Thread Size	Free Speed	Power	Horse power	Angle Head Height		Overall Length		Net Weight		Air Consumption		Air Inlet	Air Hose		Air Pressure
	mm	in.	mm	in.	in.	r.p.m.	w	hp	mm	in.	mm	in.	lbs	kg	m³/min	ft³/min	PT(in.)	mm	in.	kg/cm²
AG-50C-3BF	6	1/4"	---	---	---	15000	265	0.36	90	3 35/64	188	7 13/32	1.5	0.7	0.4	14.1	1/4"	9.5	3/8"	6.3
AG-50C-1BF	---	---	49×4×9.5	2×5/32×3/8	1/4-28UNF(F)	15000	265	0.36	47	1 55/64	188	7 13/32	1.5	0.7	0.4	14.1	1/4"	9.5	3/8"	6.3
AG-100CH-1F	---	---	100×6×15.8	4×1/4×5/8	M8-P1.25(F)	13500	330	0.44	77	3 1/32	253	9 29/64	4	1.8	0.7	23	3/8"	9.5	3/8"	6.3
AG-125E-2VF	---	---	125×6×22.2	5×1/4×7/8	M8-P1.25(F)	12000	960	1.3	70	2 3/4	262	10 5/16	4.1	1.9	1	33.5	3/8"	9.5	3/8"	6.3
AG-180E-3VF	---	---	180×6×22.2	7×1/4×7/8	W1/2-16(F)	8400	1590	2.15	87	3 27/64	307	12 3/32	6.9	3.1	1.4	49.4	3/8"	12.7	1/2"	6.3
AG-230C-2M	---	---	230×9.5×22.2	9×3/8×7/8	W1/2-16(F)	5900	1620	2.17	106	4-11/64	385	15	9.9	4.5	1.4	49.434	1/2"	12.7	1/2"	6.3

■ The above data is for reference only, please refer to the actual measurement.
■ The above product does not include grinding wheel.

AIR GRINDER TOOLS - AG SERIES

Air Angle Grinder – Knob Type



AG-50C-3

Collet Size: 6mm / 1/4"



AG-50C-1



AG-100CH-1



AG-100CH
US Type



AG-125E
US Type



AG-180E
US Type



AG-230C
US Type



AG-125E-2V



AG-180E-3V



AG-230C-2



AG-204



AG-205
US Type



AG-205J
JP Type

INFORMATION

Model	Collet Size		Maximum Diameter Grinding Wheel		Spindle Thread Size	Free Speed	Power	Horse power	Angle Head Height		Overall Length		Net Weight		Air Consumption		Air Inlet	Air Hose		Air Pressure
	mm	in.	mm	in.		r.p.m.	w	hp	mm	in.	mm	in.	lbs	kg	m ³ /min	ft ³ /min	PT(in.)	mm	in.	
AG-50C-3	6	1/4"	---	---	---	15000	265	0.36	90	3 35/64	157	6 3/16	1.3	0.6	0.4	14.1	1/4"	9.5	3/8"	6.3
AG-50C-1	---	---	49×4×9.5	2×5/32×3/8	1/4-28UNF(F)	15000	265	0.36	47	1 55/64	157	6 3/16	1.3	0.6	0.4	14.1	1/4"	9.5	3/8"	6.3
AG-100CH-1	---	---	100×6×15.8	4×1/4×5/8	M8-P1.25(F)	13500	330	0.44	77	3 1/32	216	8 1/2	4	1.8	0.7	23	3/8"	9.5	3/8"	6.3
AG-125E-2V	---	---	125×6×22.2	5×1/4×7/8	M8-P1.25(F)	12000	960	1.3	70	2 3/4	225	8 55/64	4.2	1.9	1	33.5	3/8"	9.5	3/8"	6.3
AG-180E-3V	---	---	180×6×22.2	7×1/4×7/8	W1/2-16(F)	8400	1590	2.15	87	3 27/64	272	10 45/64	6.8	3.1	1.4	49.4	3/8"	12.7	1/2"	6.3
AG-230C-2	---	---	230×9.5×22.2	9×3/8×7/8	W1/2-16(F)	5900	1620	2.17	106	4-11/64	309	12	9.68	4.4	1.4	49.434	1/2"	12.7	1/2"	6.3

- The above data is for reference only, please refer to the actual measurement.
- The above product does not include grinding wheel.

AIR GRINDER TOOLS - AG SERIES

Air Angle Grinder – Lever Type & Air Vertical Grinder – Lever Type



AG-100CH
US Type



AG-125E
US Type



AG-180E
US Type



AG-230C
US Type



AG-204



AG-205
US Type



AG-205J
JP Type

INFORMATION

Model	Collet Size		Maximum Diameter Grinding Wheel		Spindle Thread Size	Free Speed	Power	Horse power	Angle Head Height		Overall Length		Net Weight		Air Consumption		Air Inlet	Air Hose		Air Pressure
	mm	in.	mm	in.		r.p.m.	w	hp	mm	in.	mm	in.	lbs	kg	m ³ /min	ft ³ /min	PT(in.)	mm	in.	
AG-100CH	---	---	100×6×9.5	4×1/4×3/8	3/8-24UNF(M)	13500	330	0.44	77	3 1/32	253	9 29/64	4.0	1.8	0.7	23.0	3/8"	9.5	3/8"	6.3
AG-125E	---	---	125×6×15.8	5×1/4×5/8	5/8-11UNC(M)	12000	960	1.3	70	2 3/4	262	10 5/16	4.1	1.9	1.0	33.5	3/8"	9.5	3/8"	6.3
AG-180E	---	---	180×6×15.8	7×1/4×5/8	5/8-11UNC(M)	8400	1590	2.15	87	3 27/64	307	12 3/32	6.9	3.1	1.4	49.4	3/8"	12.7	1/2"	6.3
AG-230C	---	---	230×9.5×22.2	9×3/8×7/8	---	5900	1620	2.17	106	4-11/64	385	15	9.9	4.5	1.4	49.434	1/2"	12.7	1/2"	6.3
AG-204	---	---	230×10×22.2	9×3/8×7/8	---	4500	2834	3.8	204	8 1/32	279	10 63/64	12.76	5.8	2.4	84.7	3/4"	19	3/4"	6.3
AG-205	---	---	180×6×22.2	9×1/4×7/8	5/8-11UNC	7000	1491	2	192	7 9/16	247	9 23/32	8.8	4	1.6	56.5	1/2"	12.7	1/2"	6.3
AG-205J	---	---	180×6×22.2	9×1/4×7/8	M14×2.0P	7000	1491	2	192	7 9/16	247	9 23/32	8.8	4	1.6	56.5	1/2"	12.7	1/2"	6.3

- The above data is for reference only, please refer to the actual measurement.
- The above product does not include grinding wheel.

DG Series

- High concentricity accuracy
- Low vibration
- Low noise
- Easy to access in tight and narrow spaces
- The surface of the workpiece is smoothness after grinding

AIR GRINDER TOOLS - DG SERIES

Air Die Grinder - Lever Type

DG Series
Air
Grinder
Tools



DG-13-1F
I 3mm / 1/8"



DG-26-20BF
I 6mm / 1/4"



DG-50-2BF
I 6mm / 1/4"



DG-26L-1BF
I 6mm / 1/4"



DG-50L-1BF



DG-50Y-1BF

INFORMATION

Model	Collet Size		Maximum Diameter				Spindle Thread Size	Free Speed	Power	Horse power	Overall Length		Net Weight		Air Consumption		Air Inlet	Air Hose		Air Pressure
			Abrasive		Burr Head															
	mm	in.	mm	in.	mm	in.	in.	r.p.m.	w	hp	mm	in.	lbs	kg	m³/min	ft³/min	PT(in.)	mm	in.	kg/cm²
DG-13-1F	3	1/8"	13	1/2"	10	3/8"	---	30000	150	0.21	158	6 7/32	1	0.5	0.3	8.8	1/4"	6.3	1/4"	6.3
DG-26-20BF	6	1/4"	25	1"	13	1/2"	---	24000	250	0.34	180	7 3/32	1.5	0.7	0.5	14.1	1/4"	9.5	3/8"	6.3
DG-50-2BF	6	1/4"	32	1 1/4"	22	7/8"	---	18000	340	0.46	189	7 7/16	1.8	0.8	0.4	15.2	1/4"	9.5	3/8"	6.3
DG-26L -1BF	6	1/4"	25×13×-	1×1/2×-	---	---	---	24000	220	0.3	306	12 3/64	2	0.9	0.4	14.1	1/4"	9.5	3/8"	6.3

Model	Collet Size		Maximum Diameter				Spindle Thread Size	Free Speed	Power	Horse power	Overall Length		Net Weight		Air Consumption		Air Inlet	Air Hose		Air Pressure
			Grinding Wheel		Burr Head															
	mm	in.	mm	in.	mm	in.	in.	r.p.m.	w	hp	mm	in.	lbs	kg	m³/min	ft³/min	PT(in.)	mm	in.	kg/cm²
DG-50L-1BF	---	---	49×13×9.53	2×1/2×3/8	---	---	W3/8-16(M)	18000	290	0.4	316	12 7/16	3.1	1.4	0.4	15.2	1/4"	9.5	3/8"	6.3
DG-50Y-1BF	---	---	49×13×9.53	2×1/2×3/8	---	---	W3/8-16(M)	18000	290	0.4	532	20 15/16	4.4	2.0	0.4	15.2	1/4"	9.5	3/8"	6.3

The above data is for reference only, please refer to the actual measurement

AIR GRINDER TOOLS - DG SERIES

Air Die Grinder-Lever Type(Front Exhaust)

SPARE PART :  COLLET



INFORMATION

Model	Collet Size		Maximum Diameter				Spindle Thread Size	Free Speed	Power	Horse power	Overall Length		Net Weight		Air Consumption		Air Inlet	Air Hose		Air Pressure
			Abrasive		Burr Head															
	mm	in.	mm	in.	mm	in.					in.	r.p.m.	w	hp	mm	in.	lbs	kg	m³/min	
DG-26-AF	6	1/4"	25	1"	12.7	1/2"	---	24000	250	0.34	180	7 3/32	1.5	0.7	0.5	14.1	1/4"	9.5	3/8"	6.3
DG-50-AF	6	1/4"	32	1 1/4"	22	7/8"	---	18000	340	0.46	189	7 7/16	1.8	0.8	0.4	15.2	1/4"	9.5	3/8"	6.3
DG-26L-AF	6	1/4"	25×13×-	1×1/2×-	---	---	---	24000	220	0.3	306	12 3/64	2	0.9	0.4	14.1	1/4"	9.5	3/8"	6.3

Model	Collet Size		Maximum Diameter				Spindle Thread Size	Free Speed	Power	Horse power	Overall Length		Net Weight		Air Consumption		Air Inlet	Air Hose		Air Pressure
			Abrasive		Burr Head															
	mm	in.	mm	in.	mm	in.	in.	r.p.m.	w	hp	mm	in.	lbs	kg	m³/min	ft³/min	PT(in.)	mm	in.	kg/cm²
DG-50L-AF	---	---	50×13×9.53	2×1/2×3/8	---	---	W3/8-16(M)	18000	290	0.4	316	12 7/16	3.1	1.4	0.4	15.2	1/4"	9.5	3/8"	6.3
DG-50Y-AF	---	---	50×13×9.53	2×1/2×3/8	---	---	W3/8-16(M)	18000	290	0.4	532	20 15/16	4.4	2.0	0.4	15.2	1/4"	9.5	3/8"	6.3

The above data is for reference only, please refer to the actual measurement

AIR GRINDER TOOLS - DG SERIES

Air Die Grinder - Knob Type(Front Exhaust)

SPARE PART :  COLLET



INFORMATION

Model	Collet Size		Maximum Diameter				Spindle Thread Size	Free Speed	Power	Horse power	Overall Length		Net Weight		Air Consumption		Air Inlet	Air Hose		Air Pressure
			Abrasive		Burr Head															
	mm	in.	mm	in.	mm	in.					in.	r.p.m.	w	hp	mm	in.	lbs	kg	m³/min	
DG-26-A	6	1/4"	25	1"	12.7	1/2"	---	24000	250	0.34	171	6 47/64	1.3	0.6	0.4	14.1	1/4"	9.5	3/8"	6.3
DG-50-A	6	1/4"	32	1 1/4"	22	7/8"	---	18000	340	0.46	180	7 3/32	1.8	0.8	0.4	15.2	1/4"	9.5	3/8"	6.3
DG-26L-A	6	1/4"	25×13×-	1×1/2×-	---	---	---	24000	220	0.3	297	11 11/16	1.8	0.8	0.4	14.1	1/4"	9.5	3/8"	6.3

Model	Collet Size		Maximum Diameter				Spindle Thread Size	Free Speed	Power	Horse power	Overall Length		Net Weight		Air Consumption		Air Inlet	Air Hose		Air Pressure
			Abrasive		Burr Head															
	mm	in.	mm	in.	mm	in.	in.	r.p.m.	w	hp	mm	in.	lbs	kg	m³/min	ft³/min	PT(in.)	mm	in.	kg/cm²
DG-50L-A	---	---	50×13×9.53	2×1/2×3/8	---	---	W3/8-16(M)	18000	290	0.4	307	12 3/32	3.1	1.4	0.4	15.2	1/4"	9.5	3/8"	6.3
DG-50Y-A	---	---	50×13×9.53	2×1/2×3/8	---	---	W3/8-16(M)	18000	290	0.4	523	20 19/32	4.4	2.0	0.4	15.2	1/4"	9.5	3/8"	6.3

The above data is for reference only, please refer to the actual measurement

AIR GRINDER TOOLS - DG SERIES

Air Die Grinder - Lever Type / Knob Type

AIR GRINDER TOOLS - DG SERIES

Air Die Grinder - Knob Type

SPARE PART :  COLLET



DG-50HAY-1BF
 I 6mm / 1/4"



DG-50HAY-3BF
 I 8mm / 5/16"



DG-60
 I 6mm / 1/4"



DG-61
 I 6mm / 1/4"



DG-13-2
 I 3mm / 1/8"



DG-26-20
 I 6mm / 1/4"

SPARE PART :  COLLET



DG-50-2
 I 6mm / 1/4"



DG-26L-1
 I 6mm / 1/4"



DG-50HAY-1
 I 6mm / 1/4"



DG-50HAY-3
 I 8mm / 5/16"



DG-50L-1



DG-50Y-1

INFORMATION

Model	Collet Size		Maximum Diameter				Spindle Thread Size	Free Speed	Power	Horse power	Overall Length		Net Weight		Air Consumption		Air Inlet	Air Hose		Air Pressure
			Abrasive		Burr Head															
	mm	in.	mm	in.	mm	in.	in.	r.p.m.	w	hp	mm	in.	lbs	kg	m³/min	ft³/min	PT(in.)	mm	in.	kg/cm²
DG-50HAY-1BF	6	1/4"	45×13×-	1 25/32×1/2×-	22	7/8"	---	18000	290	0.4	561	22 1/16	4.9	2.2	0.4	15.2	1/4"	9.5	3/8"	6.3
DG-50HAY-3BF	8	5/16"	45×13×-	1 25/32×1/2×-	22	7/8"	---	18000	290	0.4	561	22 1/16	4.9	2.2	0.4	15.2	1/4"	9.5	3/8"	6.3
DG-60	6	1/4"	32	1 1/4"	---	---	---	22000	410	---	168	6 5/8	1.5	0.7	0.3	9.1	1/4"	6.3	1/4"	6.3
DG-61	6	1/4"	32	1 1/4"	---	---	---	22000	410	---	156	6 5/8	1.5	0.7	0.3	9.1	1/4"	6.3	1/4"	6.3
DG-13-2	3	1/8"	13	1/2"	10	3/8"	---	30000	150	0.21	150	5 15/16	1.1	0.5	0.3	8.8	1/4"	6.3	1/4"	6.3
DG-26-20	6	1/4"	25	1"	13	1/2"	---	24000	250	0.34	171	6 3/4	1.3	0.6	0.4	14.1	1/4"	9.5	3/8"	6.3

The above data is for reference only, please refer to the actual measurement

INFORMATION

Model	Collet Size		Maximum Diameter				Spindle Thread Size	Free Speed	Power	Horse power	Overall Length		Net Weight		Air Consumption		Air Inlet	Air Hose		Air Pressure
			Abrasive		Burr Head															
	mm	in.	mm	in.	mm	in.	in.	r.p.m.	w	hp	mm	in.	lbs	kg	m³/min	ft³/min	PT(in.)	mm	in.	kg/cm²
DG-50-2	6	1/4"	32	1 1/4"	22	7/8"	---	18000	340	0.46	180	7 3/32	1.8	0.8	0.4	15.2	1/4"	9.5	3/8"	6.3
DG-26L-1	6	1/4"	25×13×-	1×1/2×-	---	---	---	24000	240	0.3	297	11 11/16	1.8	0.8	0.4	14.1	1/4"	9.5	3/8"	6.3
DG-50HAY-1	6	1/4"	45×13×-	1 25/32×1/2×-	22	7/8"	---	18000	290	0.4	553	21 3/4	4.6	2.1	0.4	15.2	1/4"	9.5	3/8"	6.3
DG-50HAY-3	8	5/16"	45×13×-	1 25/32×1/2×-	22	7/8"	---	18000	290	0.4	553	21 3/4	4.6	2.1	0.4	15.2	1/4"	9.5	3/8"	6.3

Model	Collet Size		Maximum Diameter				Spindle Thread Size	Free Speed	Power	Horse power	Overall Length		Net Weight		Air Consumption		Air Inlet	Air Hose		Air Pressure
			Grinding Wheel		Burr Head															
	mm	in.	mm	in.	mm	in.	in.	r.p.m.	w	hp	mm	in.	lbs	kg	m³/min	ft³/min	PT(in.)	mm	in.	kg/cm²
DG-50L-1	---	---	49×13×9.53	2×1/2×3/8	---	---	W3/8-16(M)	18000	290	0.4	307	12 3/32	3.1	1.4	0.4	15.2	1/4"	9.5	3/8"	6.3
DG-50Y-1	---	---	49×13×9.53	2×1/2×3/8	---	---	W3/8-16(M)	18000	290	0.4	523	20 19/32	4.4	2	0.4	15.2	1/4"	9.5	3/8"	6.3

The above data is for reference only, please refer to the actual measurement

SG Series



- Ergonomic & streamlined non-slip design
- Imported high-end bearing with high precision and stable features
- Low vibration
- Rich in sizes, applicable in tight and narrow spaces
- Ideal for shipbuilding, petrochemical industry, rail transit industry, and aerospace industry etc
- High concentricity accuracy
- Low noise

SPARE PART :  COLLET



SG-65H-3F

 8mm / 5/16"



SG-65H-5F

 16mm / 1/4"



SG-65H-1F



SG-100H-2F



SG-125H-1M



SG-150H-1M



SG-205H-1M



SG-65HL-1F



SG-100HL-1F



SG-125HL-2M

INFORMATION

Model	Collet Size		Maximum Diameter		Spindle Thread Size	Free Speed	Power	Horse power	Overall Length		Net Weight		Air Consumption		Air Inlet	Air Hose		Air Pressure
			Abrasive															
	mm	in.	mm	in.	in.	r.p.m.	w	hp	mm	in.	lbs	kg	m³/min	ft³/min	PT(in.)	mm	in.	kg/cm²
SG-65H-3F	8	5/16"	---	---	---	14600	480	0.64	367	14 7/16	3.3	1.5	0.6	19.4	3/8"	9.5	3/8"	6.3
SG-65H-5F	6	1/4"	---	---	---	14600	480	0.64	367	14 7/16	3.3	1.5	0.6	19.4	3/8"	9.5	3/8"	6.3

Model	Collet Size		Maximum Diameter		Spindle Thread Size	Free Speed	Power	Horse power	Overall Length		Net Weight		Air Consumption		Air Inlet	Air Hose		Air Pressure
			Grinding Wheel															
	mm	in.	mm	in.	in.	r.p.m.	w	hp	mm	in.	lbs	kg	m³/min	ft³/min	PT(in.)	mm	in.	kg/cm²
SG-65H-1F	---	---	65×13×9.53	2 1/2×1/2×3/8	W3/8-16(M)	14600	480	0.64	342	13 15/32	3.7	1.7	0.6	19.4	3/8"	9.5	3/8"	6.3
SG-100H-2F	---	---	100×19×12.7	4×3/4×1/2	W1/2-12(M)	9500	700	0.94	414	16 19/64	5.1	2.3	0.8	28.2	3/8"	12.7	1/2"	6.3
SG-125H-1M	---	---	125×19×12.7	5×3/4×1/2	W1/2-12(M)	7600	960	1.28	506	19 59/64	6.7	3	1	35.3	3/8"	12.7	1/2"	6.3
SG-150H-1M	---	---	150×25×15.8	6×1×5/8	5/8-11UNF	6300	1000	1.38	531	20 29/32	7.5	3.4	1.2	42.4	3/8"	12.7	1/2"	6.3
SG-205H-1M	---	---	205×25×15.8	8×1×5/8	5/8-11UNF	4600	1470	1.97	556	21 57/64	12.1	5.5	1.6	56.5	1/2"	12.7	1/2"	6.3
SG-65HL-1F	---	---	65×13×9.53	2 1/2×1/2×3/8	W3/8-16(M)	12000	480	0.64	547	20 17/32	4.2	1.9	0.6	19.4	3/8"	9.5	3/8"	6.3
SG-100HL-1F	---	---	75×19×9.53	3×3/4×3/8	W3/8-16(M)	12000	740	0.99	615	24 7/32	5.7	2.6	0.8	28.2	3/8"	12.7	1/2"	6.3
SG-125HL-2M	---	---	100×19×12.7	4×3/4×1/2	W1/2-12(M)	9000	960	1.28	1050	41 11/32	11.9	5.4	1	35.3	3/8"	12.7	1/2"	6.3

The above data is for reference only, please refer to the actual measurement

AIR GRINDER TOOLS - SG SERIES

Air Straight Grinder - Knob Type

SPARE PART :  COLLET



SG-65H-1



SG-100H-2



SG-125H-1



SG-150H-1



SG-205H-1



SG-65HL-1



SG-100HL-1



SG-125HL-2

SPARE PART :  COLLET



SG-65HA-2

 I 6mm / 1/4"



SG-65HA-3

 I 8mm / 5/16"



SG-65HAL-1

 I 6mm / 1/4"



SG-65HAL-3

 I 8mm / 5/16"



SG-100HAL-1

 I 6mm / 1/4"



SG-100HAL-3

 I 8mm / 5/16"



SG-125HAL-2

 I 6mm / 1/4"



SG-125HAL-3

 I 8mm / 5/16"

INFORMATION

Model	Collet Size		Maximum Diameter		Spindle Thread Size	Free Speed	Power	Horse power	Overall Length		Net Weight		Air Consumption		Air Inlet	Air Hose		Air Pressure
			Grinding Wheel															
	mm	in.	mm	in.	in.	r.p.m.	w	hp	mm	in.	lbs	kg	m³/min	ft³/min	PT(in.)	mm	in.	kg/cm²
SG-65H-1	---	---	65×13×9.53	2 1/2×1/2×3/8	W3/8-16(M)	14600	520	0.7	317	12 31/61	3.3	1.5	0.6	19.4	3/8"	9.5	3/8"	6.3
SG-100H-2	---	---	100×19×12.7	4×3/4×1/2	W1/2-12(M)	9500	700	0.9	391	15 25/64	4.8	2.2	0.8	28.2	3/8"	12.7	1/2"	6.3
SG-125H-1	---	---	125×19×12.7	5×3/4×1/2	W1/2-12(M)	7600	960	1.3	405	15 15/16	6.4	2.9	1	35.3	3/8"	12.7	1/2"	6.3
SG-150H-1	---	---	150×25×15.8	6×1×5/8	5/8-11UNF	6300	1000	1.4	434	17 5/64	7.7	3.5	1.2	42.4	3/8"	12.7	1/2"	6.3
SG-205H-1	---	---	205×25×15.8	8×1×5/8	5/8-11UNF	4600	1470	2	472	18 37/64	11.8	5.4	1.6	56.5	1/2"	12.7	1/2"	6.3
SG-65HL-1	---	---	65×13×9.53	2 1/2×1/2×3/8	W3/8-16(M)	12000	520	0.7	522	20 35/64	4.2	1.9	0.6	19.4	3/8"	9.5	3/8"	6.3
SG-100HL-1	---	---	75×19×9.53	3×3/4×3/8	W3/8-16(M)	12000	690	0.9	585	23 1/32	5.9	2.7	0.8	28.2	3/8"	12.7	1/2"	6.3
SG-125HL-2	---	---	100×19×12.7	4×3/4×1/2	W1/2-12(M)	9000	960	1.3	953	37 33/64	11.7	5.3	1	35.3	3/8"	12.7	1/2"	6.3

The above data is for reference only, please refer to the actual measurement

AIR GRINDER TOOLS - SG SERIES

Air Straight Grinder - Knob Type

INFORMATION

Model	Collet Size		Maximum Diameter		Spindle Thread Size	Free Speed	Power	Horse power	Overall Length		Net Weight		Air Consumption		Air Inlet	Air Hose		Air Pressure
			Abrasive															
	mm	in.	mm	in.	in.	r.p.m.	w	hp	mm	in.	lbs	kg	m³/min	ft³/min	PT(in.)	mm	in.	kg/cm²
SG-65HA-2	6	1/4"	---	---	---	12000	450	0.6	316	12 7/16	2.6	1.2	0.5	15.8	3/8"	9.5	3/8"	6.3
SG-65HA-3	8	5/16"	---	---	---	12000	450	0.6	316	12 7/16	2.6	1.2	0.5	15.8	3/8"	9.5	3/8"	6.3
SG-65HAL-1	6	1/4"	---	---	---	12000	520	0.7	558	22	4.4	2.0	0.6	19.4	3/8"	9.5	3/8"	6.3
SG-65HAL-3	8	5/16"	---	---	---	12000	520	0.7	558	22	4.4	2.0	0.6	19.4	3/8"	9.5	3/8"	6.3
SG-100HAL-1	6	1/4"	---	---	---	12000	690	0.9	615	24 3/16	5.7	2.6	0.8	28.2	3/8"	12.7	1/2"	6.3
SG-100HAL-3	8	5/16"	---	---	---	12000	690	0.9	615	24 3/16	5.7	2.6	0.8	28.2	3/8"	12.7	1/2"	6.3
SG-125HAL-2	6	1/4"	---	---	---	9000	960	1.3	987	38 7/8	11.2	5.1	1	35.3	3/8"	12.7	1/2"	6.3
SG-125HAL-3	8	5/16"	---	---	---	9000	960	1.3	987	38 7/8	11.2	5.1	1	35.3	3/8"	12.7	1/2"	6.3

The above data is for reference only, please refer to the actual measurement

AIR GRINDER TOOLS - SG SERIES

Air Straight Grinder - Lever Type

SPARE PART :  COLLET



SG-65HAL-1F

 I 6mm / 1/4"



SG-65HAL-3F

 I 8mm / 5/16"



SG-100HAL-1F

 I 6mm / 1/4"



SG-100HAL-3F

 I 8mm / 5/16"



SG-125HAL-2M

 I 6mm / 1/4"



SG-125HAL-3M

 I 8mm / 5/16"

INFORMATION

Model	Collet Size		Maximum Diameter Abrasive		Spindle Thread Size	Free Speed	Power	Horse power	Overall Length		Net Weight		Air Consumption		Air Inlet	Air Hose		Air Pressure
SG-65HAL-1F	6	1/4"	---	---	---	12000	480	0.64	582	22 15/16	4.2	1.9	0.6	19.4	3/8"	9.5	3/8"	6.3
SG-65HAL-3F	8	5/16"	---	---	---	12000	480	0.64	582	22 15/16	4.2	1.9	0.6	19.4	3/8"	9.5	3/8"	6.3
SG-100HAL-1F	6	1/4"	---	---	---	12000	740	0.99	641	25 1/4	5.5	2.5	0.8	28.2	3/8"	12.7	1/2"	6.3
SG-100HAL-3F	8	5/16"	---	---	---	12000	740	0.99	641	25 1/4	5.5	2.5	0.8	28.2	3/8"	12.7	1/2"	6.3
SG-125HAL-2M	6	1/4"	---	---	---	9000	960	1.28	1084	42 11/16	11.5	5.2	1	35.3	3/8"	12.7	1/2"	6.3
SG-125HAL-3M	8	5/16"	---	---	---	9000	960	1.28	1084	42 11/16	11.5	5.2	1	35.3	3/8"	12.7	1/2"	6.3

The above data is for reference only, please refer to the actual measurement

Air
Grinder
Tools

MG
Series

- Ergonomic design
- Low vibration
- Low noise
- Ideal for automotive industry and molds and tooling industry that require surface refinement

FI
Series

- Ideal for partial refinement

AIR GRINDER TOOLS - MG SERIES

Air Micro Die Grinder

AIR TURBOLAP TOOLS- FI SERIES

Air Turbolap & Air File and Saw

AIR TURBOLAP



MG-120



MG-121



FI-L03



FI-L07



FI-L12



FI-S03



FI-S07



FI-S12

AIR FILE AND SAW



MG-122



MG-123



MG-124



FI-105



FI-108

FI-D05-F01(3pcs Chisel Set)



FI-110

INFORMATION

Model	Collet Size	Max. Diameter (Grinding Wheel)	Spindle Thread Size	Free Speed	Overall Length	Net Weight		Air Cons.	Air Inlet	Air Hose	Air Pressure
	mm	mm	in.	r.p.m.	mm	lbs	kg	m³/min	PT(in.)	mm	kg/cm²
MG-120	3	---	---	65000	160	0.3	0.1	0.6	1/4"	6.4	6.3
MG-121	3	---	---	55000	145	0.3	0.1	0.6	1/4"	6.4	6.3
MG-122	---	20	M6*PØ.75	35000	140	0.3	0.1	0.6	1/4"	6.4	6.3
MG-123	---	30	M7*PØ.75	23500	145	0.4	0.2	0.6	1/4"	6.4	6.3
MG-124	---	30	M7*PØ.75	23500	137	0.4	0.2	0.6	1/4"	6.4	6.3

The above data is for reference only, please refer to the actual measurement

INFORMATION

Model	Linear Stroke	Stroke Speed	Overall Length	Net Weight		Air Consumption	Air Inlet	Air Hose	Air Pressure
	mm	b.p.m.	mm	lbs	kg	m³/min	PT (in.)	mm	kg/cm²
FI-L03	0.3	52000	218	0.4	0.2	0.6	1/4"	6.4	6.3
FI-L07	0.7	28000	218	0.4	0.2	0.2	1/4"	6.4	6.3
FI-L12	1.2	19000	218	0.4	0.2	0.2	1/4"	6.4	6.3
FI-S03	0.3	56000	218	0.4	0.2	0.6	1/4"	6.4	6.3
FI-S07	0.7	20000	218	0.4	0.2	0.2	1/4"	6.4	6.3
FI-S12	1.2	14000	218	0.4	0.2	0.2	1/4"	6.4	6.3
FI-105	10	9500	235	1.5	0.7	0.05	1/4"	6.4	6.3
FI-108	7	6500	221	1.7	0.8	0.3	1/4"	10	6.3
FI-110	10	3700	234	2.4	1.1	0.05	1/4"	10	6.3

The above data is for reference only, please refer to the actual measurement

Air Drill
&
Air Sander

DR / SD / SA

Series

- Precise & stable
- Industrial & professional grade
- Suitable in various industries: furniture industry, shipbuilding, auto repair & maintenance etc.
- Sturdy & Durable



NEW!

AIR DRILL & AIR SANDER

Air Drill & Air Sander - DR & SD & SA Series

DR Series
Air Drill

AIR DRILL



INFORMATION

Model	Drill Capacity		Free Speed	Overall Length	Net Weight		Air Consumption	Air Inlet	Air Hose	Air Pressure
	mm	in.	r.p.m.	mm	lbs	kg	m ³ /min	PT (in.)	mm	kg/cm ²
DR-71	9	3/8"	18000	166	2.2	0.98	0.6	1/4	6.4	6.3
DR-72	13	1/2"	500	235	3.7	1.7	0.6	1/4	6.4	6.3
DR-73	9	3/8"	15000	159	2.0	0.9	0.6	1/4	6.4	6.3
DR-74	13	1/2"	450	215	3.5	1.6	0.6	1/4	6.4	6.3
DR-75	9	3/8"	18000	188	1.6	0.7	0.6	1/4	6.4	6.3
DR-76	9	3/8"	2000	205	2.0	0.9	0.6	1/4	6.4	6.3
DR-77	13	1/2"	550	250	3.3	1.5	0.6	1/4	6.4	6.3

The above data is for reference only, please refer to the actual measurement

AIR DRILL & AIR SANDER

Air Drill & Air Sander - DR & SD & SA Series

AIR DRILL



AIR SPOT DRILL



INFORMATION

Model	Drill Capacity		Free Speed	Overall Length	Net Weight		Air Consumption	Air Inlet	Air Hose	Air Pressure
	mm	in.	r.p.m.	mm	lbs	kg	m³/min	PT (in.)	mm	kg/cm²
DR-60	9	3/8"	2400	168	2.4	1.1	0.6	1/4	6.4	6.3
DR-61	9	3/8"	2400	168	2.4	1.1	0.6	1/4	6.4	6.3
DR-62	9	3/8"	1800	230	2.3	1.1	0.6	1/4	6.4	6.3
DR-65	9	3/8"	2600	230	2.0	0.9	0.6	1/4	6.4	6.3
DR-66	11	1/2"	800	260	2.9	1.3	0.6	1/4	6.4	6.3
DR-68	9	3/8"	2400	178	2.4	1.1	0.6	1/4	6.4	6.3
DR-70	12.7	1/2"	500	220	3.7	1.7	0.1	1/4	10	6.3
DR-101	9	3/8"	2500	230	2.2	1.0	0.2	1/4	10	6.3
SD-101	9	5/16"	1400	310	4.0	1.8	0.6	1/4	6.4	6.3
SD-102	9	5/16"	1800	290	2.9	1.3	0.6	1/4	6.4	6.3

The above data is for reference only, please refer to the actual measurement

AIR DRILL & AIR SANDER

Air Drill & Air Sander - DR & SD & SA Series



INFORMATION

Model	Pad Size		Orbital Diameter		Free Speed	Overall Length	Net Weight		Air Consumption	Air Inlet	Air Hose	Air Pressure
	mm	in.	mm	in.	r.p.m.	mm	lbs	kg	m³/min	PT (in.)	mm	kg/cm²
SA-107-3	73	3"	---	---	2500	140	1.3	0.6	0.2	1/4"	9.5	6.3
SA-111-7	178	7"	---	---	4200	190	5.7	2.6	0.5	1/4"	9.5	6.3
SA-112-5	127	5"	---	---	18000	165	2.6	1.2	0.2	1/4"	9.5	6.3
SA-113	70×407mm		---	---	3000	407	6.8	3.1	0.8	1/4"	9.5	6.3
SA-114	90×197mm		5	3/16"	8000	203	4.3	2	0.5	1/4"	9.5	6.3
SA-115-7	178	7"	---	---	2500	382	5	2.3	0.5	1/4"	9.5	6.3
SA-122	152	6"	---	---	10000	240	4.3	1.9	0.6	1/4"	9.5	6.3
SA-123	74×79mm		1	1/16"	18000	170	1.5	0.7	0.1	1/4"	9.5	6.3

The above data is for reference only, please refer to the actual measurement

AIR DRILL & AIR SANDER

Air Drill & Air Sander - DR & SD & SA Series



SA-101-5



SA-101-6



SA-103-3



SA-104-5



SA-104-6



SA-105JC



SA-105T



SA-106-3

INFORMATION

Model	Pad Size		Orbital Diameter		Free Speed	Overall Length		Net Weight		Air Consumption	Air Inlet	Air Hose	Air Pressure
	mm	in.	mm	in.	r.p.m.	mm	lbs	kg		m³/min	PT (in.)	mm	kg/cm²
SA-101-5	127	5"	5	3/16"	10000	180	1.7	0.8		0.3	1/4"	9.5	6.3
SA-101-6	152	6"	5	3/16"	10000	180	1.7	0.8		0.3	1/4"	9.5	6.3
SA-103-3	73	3"	2.5	3/32"	10000	130	1.5	0.7		0.1	1/4"	6.4	6.3
SA-104-5	127	5"	5	3/16"	10000	140	2	0.9		0.3	1/4"	9.5	6.3
SA-104-6	152	6"	5	3/16"	10000	140	2	0.9		0.3	1/4"	9.5	6.3
SA-105JC	100×110mm		2.5	3/32"	10000	136	1.5	0.7		0.1	1/4"	9.5	6.3
SA-105T	90×130mm		3	1/8"	9000	165	1.8	0.8		0.3	1/4"	9.5	6.3
SA-106-3	73	3"	---	---	16000	200	1.3	0.6		0.2	1/4"	9.5	6.3

The above data is for reference only, please refer to the actual measurement

Other
Products



Other
Products

OTHER PRODUCTS

Air Ratchet Wrenches - RW Series



RW-101



RW-102



RW-104



RW-106



RW-107



RW-108-1



RW-113



RW-114

INFORMATION

Model	Driver Size		Bolt Capacity		Suitable Torque		Free Speed	Overall Length	Net Weight		Air Consumption	Air Inlet	Air Hose	Air Pressure
	mm	in.	mm	in.	ft-lb	N.m	r.p.m.	mm	lbs	kg	m³/min	PT (in.)	mm	kg/cm²
RW-101	9	3/8"	9	3/8"	30	40.8	230	165	1.1	0.5	0.12	1/4"	10	6.3
RW-102	12	1/2"	12	1/2"	50	68	160	260	2.64	1.2	0.11	1/4"	10	6.3
RW-104	9	3/8"	6	1/4"	22	30	240	120	0.95	0.43	0.085	1/4"	6.4	6.3
RW-106	17mm (Inner Hex)		10	-	40	54	400	210	1.3	0.6	0.1	1/4"	10	6.3
RW-107	17mm (Inner Hex)		10	-	30	41	400	167	1.1	0.5	0.13	1/4"	10	6.3
RW-108-1	9	3/8"	9	3/8"	70	95	160	275	3.19	1.45	0.1	1/4"	10	6.3
RW-113	6	1/4"	6	1/4"	35	47.5	300	134	0.99	0.45	0.07	1/4"	10	6.3
RW-114	9	3/8"	9	3/8"	35	47.5	300	134	0.99	0.45	0.07	1/4"	10	6.3

The above data is for reference only, please refer to the actual measurement

OTHER PRODUCTS

Air Belt Sander & Air Smart Eraser & Air Tire Buffer & Air Scissor Shear - BS & SE & TB & SH Series"

AIR BELT SANDER



BS-102



BS-103



BS-111



BS-112



BS-113

AIR SMART ERASER



SE-101

AIR TIRE BUFFER



TB-101

AIR SCISSOR SHEAR



SH-105

INFORMATION

Model	Belt Size	Belt Speed	Wheel Size		Sheet Capacity	Free Speed	Overall Length	Net Weight		Air Consumption	Air Inlet	Air Hose	Air Pressure
	mm	r.p.m.	mm	in.	mm	r.p.m.	mm	lbs	kg	m³/min	PT (in.)	mm	kg/cm²
BS-102	10 x 330	1350	---	---	---	18000	280	1.8	0.8	0.2	1/4"	6.4	6.3
BS-103	20 x 520	2200	---	---	---	18000	350	2.2	1	0.3	1/4"	6.4	6.3
BS-111	10 x 330	3470	---	---	---	16000	157	1.8	0.8	0.4	1/4"	10	6.3
BS-112	20 x 520	8200	---	---	---	16000	250	2.6	1.2	0.5	1/4"	10	6.3
BS-113	60 x 260	800	---	---	---	7000	170	2.4	1.1	0.3	1/4"	10	6.3
SE-101	---	---	102	4	---	2500	210	2.1	0.95	0.2	1/4"	10	6.3
TB-101	---	---	12	1/2	---	2500	220	2.6	1.2	0.3	1/4"	10	6.3
SH-105	---	---	---	---	1.2	2500	215	2.8	1.3	0.5	1/4"	10	6.3

The above data is for reference only, please refer to the actual measurement

OTHER PRODUCTS

Air Flux Chipper & Air Needle Scaler - HA & FC & NS Series

AIR FLUX CHIPPER - PISTOL TYPE



HA-101



HA-102



HA-103

AIR FLUX CHIPPER - STRAIGHT TYPE



FC-101



FC-102

AIR NEEDLE SCALER



NS-12



NS-19



NS-23



NS-28

INFORMATION

Model	Piston Stroke	Stroke Speed	Overall Length	Net Weight		Air Consumption	Air Inlet	Air Hose	Air Pressure
	mm	r.p.m.	mm	lbs	kg	m³/min	PT (in.)	mm	kg/cm²
HA-101	45	5000	133	2.6	1.2	1	1/4"	9.5	6.3
HA-102	66	3000	170	3.3	1.5	1	1/4"	9.5	6.3
HA-103	96	2100	225	4.2	1.9	1	1/4"	9.5	6.3
FC-101	33	5000	420	4	1.8	1	1/4"	9.5	6.3
FC-102	32	4800	235	2.4	1.1	0.3	1/4"	9.5	6.3
NS-12	27	4000	345	5.3	2.4	0.7	3/8"	9.5	6.3
NS-19	33	2500	330	5.9	2.7	1	1/4"	9.5	6.3
NS-23	27	4000	335	6.2	2.8	1	3/8"	9.5	6.3
NS-28	28	3500	350	7.9	3.6	1.2	3/8"	9.5	6.3

The above data is for reference only, please refer to the actual measurement

OTHER PRODUCTS

Air Hydraulic Riveter & Air Spin Pull Tool – HR & PS Series

AIR HYDRAULIC RIVETER



HR-101



HR-102



HR-102S

INFORMATION

Model	Traction Power	Nosepieces	Stroke	Overall Length	Net Weight		Air Consumption	Air Inlet	Air Hose	Air Pressure
	mm	mm	mm	mm	lbs	kg	m³/min	PT (in.)	mm	kg/cm²
HR-101	1940	2.4~4.8	14	273	3.3	1.5	0.4	1/4"	6.4	6.3
HR-102	3099	2.4~6.4	19	324	4.6	2.1	0.4	1/4"	6.4	6.3
HR-102S	3055	2.4~6.4	14	300	4.4	2	0.4	1/4"	6.4	6.3

AIR SPIN PULL TOOL



PS-101



PS-102



PS-103



PS-104



PS-105

INFORMATION

Model	Rivet Nut	Free Speed	Overall Length	Net Weight		Air Consumption	Air Inlet	Air Hose	Air Pressure
	mm	r.p.m.	mm	lbs	kg	m³/min	PT (in.)	mm	kg/cm²
PS-101	M4~M10	---	285	3.5	1.6	0.5	1/4"	6.4	6.3
PS-102	M5~M6	1500	185	3.1	1.4	0.5	1/4"	6.4	6.3
PS-103	M8~M10	400	205	3.1	1.4	0.5	1/4"	6.4	6.3
PS-104	M10~M12	200	165	2.9	1.3	0.5	1/4"	6.4	6.3
PS-105	M6~M6	360	152	2.9	1.3	0.5	1/4"	6.4	6.3

The above data is for reference only, please refer to the actual measurement

OTHER PRODUCTS

Air Chipping Hammer & Air Hammer - CH & AH Series

AIR CHIPPING HAMMER



INFORMATION

Model	Piston Stroke	Stroke Speed	Net Weight	Length	Air cons.	Air inlet	Hose size	Sound Level	Air Pressure	Vibration
	mm	bpm	kg	mm	m³/min	In.	mm	dba	psi	m/s²
CH-001 Air Chipping Hammer (Round)	76	1900	6.5	378	0.68	3/8"	3	97.7	90	2.6
CH-002 Air Chipping Hammer (Round)	50	3600	2.8	254	0.35	3/8"	8	92	90	10.4
CH-003 Air Chipping Hammer (Round)	25.4	2500	6.5	388	0.80	3/8"	8	105	90	11.0
CH-004 Air Chipping Hammer (Round)	51	2300	7.0	410	0.85	3/8"	8	100	90	11.0

AIR HAMMER



INFORMATION

Model	Shank Size	Piston Stroke	Stroke Speed	Net Weight	Length	Air Cons.	Air Inlet	Hose Size	Sound Level	Air Pressure	Vibration
	mm	mm	bpm	kg	mm	m³/min	In.	mm	dba	psi	m/s²
AH-011 Air Hammer (Round)	Round Shank (10.2mm)	41	4,500	1.20	150	0.11	1/4"	6.5	99	90	15.2
AH-012 Air Hammer (Round)	Round Shank (10.2mm)	41	4,500	1.36	133	0.11	1/4"	6.5	99	90	15.0
AH-013 Regular-duty Air Hammer (Round)	Round Shank (10.2mm)	67	3500	1.50	171	0.11	1/4"	6.5	99	90	8.4
AH-014 Composite Air Hammer (Low Vibration)	10.1mm	71	3000	1.60	215	0.40	1/4"	9.5	101	90	7.5
AH-015 Air Hammer (Round)	Round Shank (10.2mm)	67	3000	1.59	171	0.11	1/4"	6.5	98	90	9.0

The above data is for reference only, please refer to the actual measurement

OTHER PRODUCTS

Open End Slogging Wrench & Torque Wrench & Torque Multiplier - HW & TW & TM Series

OPEN END SLOGGING WRENCH



INFORMATION

Model	Size	Length
	mm	mm
HW-C022	22	188
HW-C024	24	188
HW-C027	27	188
HW-C030	30	188
HW-C032	32	211
HW-C034	34	211
HW-C036	36	211
HW-C038	38	211
HW-C041	41	281

Model	Size	Length
	mm	mm
HW-C046	46	281
HW-C050	50	281
HW-C055	55	325
HW-C060	60	325
HW-C065	65	325
HW-C070	70	390
HW-C075	75	390
HW-C080	80	390
HW-C085	85	390

TORQUE WRENCH & BREAKBACK TORQUE WRENCH



INFORMATION

Model	Square drive	Teeth	Torque Range		Graduation	L(mm)	Net Weight	
			N.M.	lb.ft			G	lb
TW-D0025P	1/4"	24T	5-25	53.1-212.4(in-lb)	0.2	281	530	1.17
TW-D0110P	3/8"	24T	20-110	18.5-77.5	1	361	770	1.7
TW-D0211P	1/2"	24T	40-210	33.2-151.2	1	461	1250	2.76
TW-D0340P	1/2"	24T	70-340	62.7-239.7	2	553	1590	3.51
TW-BB0800P-3/4"	3/4"	36T	200-800	150-600	10	1320	7900	17.4
TW-BB1000P-3/4"	3/4"	36T	300-1000	200-750	20	1550	8060	17.7
TW-BB0800P-1"	1"	36T	200-800	150-600	10	1320	7900	17.4
TW-BB1000P-1"	1"	36T	300-1000	200-750	20	1550	8060	17.7



INFORMATION

Model	Square drive	Teeth	Torque Range	L(mm)	Net Weight	
			lb.ft		G	lb
TW-D0250FB-1/2"	1/2"	48T	30-250	610	1700	3.75

TORQUE MULTIPLIER



INFORMATION

Model	Input Drive	Output Drive	Gear Ratio	Torque Ratio	Accurate Range	Max. Input Torque		Max. Output Torque		Net Weight
				±5%	N.M.	N.M.	lb.ft	N.M.	lb.ft	KG
TM-001	1/2"Female	3/4"Male	1:4.3	1:3.8	300-1500	395	291	1500	1110	3.9
TM-002	1/2"Female	1-1/2"Male	1:30.25	1:23.1	1600-8000	347	356	8000	5895	32
TM-003	1/2"Female	1"Male	1:16	1:12.5	215-2700	215	185	2700	1991	7.6
TM-004	3/4"Female	1-1/2"Male	1:30.25	1:23.1	2000-10000	433	320	10000	7370	33.7

The above data is for reference only, please refer to the actual measurement

OTHER PRODUCTS

Air Hose Reel & Oiler & Quick Connector & Spring Balancer & Air Filter

AIR HOSE REEL



HRSC-25PU15M-EU



HCHR-0812PU30M-US



HCHR-0812FZ30M-JP

INFORMATION

Model	Description
HRSC-25PU15M-JP	AIR HOSE REEL IN STEEL CASE 5/16**50ft PU BRAIDED HOSE (Japan Type)
HRSC-25PU15M-US	AIR HOSE REEL IN STEEL CASE 5/16**50ft PU BRAIDED HOSE (US Type)
HRSC-25PU15M-EU	AIR HOSE REEL IN STEEL CASE 5/16**50ft PU BRAIDED HOSE (EU Type)
HCHR-0812PU30M-JP	HAND CRANK HOSE REEL, PU BRAIDED HOSE 8*12mm*30M (Japan Type)
HCHR-0812PU30M-US	HAND CRANK HOSE REEL, PU BRAIDED HOSE 8*12mm*30M (US Type)
HCHR-0812PU30M-EU	HAND CRANK HOSE REEL, PU BRAIDED HOSE 8*12mm*30M (EU Type)
HCHR-0812FZ30M-JP	±40°C HAND CRANK HOSE REEL, PU BRAIDED HOSE 8*12mm*30M (Japan Type)
HCHR-0812FZ30M-EU	±40°C HAND CRANK HOSE REEL, PU BRAIDED HOSE 8*12mm*30M (EU Type)



EU Type



US Type



JP Type



INFORMATION

1" Impact Socket set (10 pc/box)	
Model	SK-DCC00-AR
Size	13/16" Square, 7/8" Standard, 15/16" Standard, 1" Standard, 1-3/16" Standard, 33mm Standard, 1-1/16" Thin Wall Deep, 1-1/8" Thin Wall Deep, 1-1/4" Thin Wall Deep, 1 1/2" Deep

INFORMATION

1/2" Deep Impact Socket set (13 pc/box)	
Model	SK-DDS00-AR
Size	7/16", 1/2", 9/16", 5/8", 3/4", 13/16", 7/8", 11/16", 15/16", 1", 1-1/16", 1-1/8", 1-1/4"

INFORMATION

1/2" Metric Deep Impact Socket set (14 pc/box)	
Model	SK-DDM05-DR
Size	10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 21mm, 22mm, 26mm, 27mm

SPRING BALANCER



TSB-001



TSB-004

INFORMATION

Information	Capacity	Travel	Shell Material	Rope
TSB-001	0.3-0.8KG	1.4M	Iron shell plating	Cable
TSB-004	5-7KG	1.3M	Iron shell plating	Cable

QUICK CONNECTOR

INFORMATION

Model	Specification
0990125-US	3/8" Hose Male Quick Connector
0990127-US	1/4" NPT Female Quick Connector
0990128-US	3/8" NPT Female Quick Connector
0990130-US	1/4" Hose Male Quick Connector
0990132-US	3/8" Hose Male Quick Connector
0990132-S	3/8" Male Quick Connector (One Touch)
0990133-S	1/2" Male Quick Connector (One Touch)
0990172-S	1/4" Female Quick Connector (One Touch)
0990128-S	3/8" Female Quick Connector (One Touch)
0990127	1/4" PT Female Quick Connector
0990128	3/8" PT Female Quick Connector
0990129	1/2" PT Female Quick Connector



OILER



INFORMATION

Model	Size	Thread
0990154	1/4"	NPT
0990155	3/8"	NPT
0990157	1/4"	PT
0990158	3/8"	PT

AIR FILTER



INFORMATION

Information	Description	Fluids	Port Size	Filter Element	Proof Input Pressure
AFRL-001	1/4" F/RL Air Control Unit	Air	1/4" PT	5μ	PSI 215 / Mpa 1.5
Proof Output Pressure	Maxflow	Operation Temperature Range	Drain Capacity	Oil Capacity	Recommendable Lubricants
PSI 145 / Mpa 0.99	1750 (L/min)	5-60 °C	80ml	150ml	ISO VG-32

AIR HOSE



INFORMATION

Information	Description
PUR-1012M-PA	AIR HOSE 6.5mm*10mm*12M
PUR-1210M-PA	AIR HOSE 8mm*12mm*10M
PUR-1212M-PA	AIR HOSE 8mm*12mm*12M
PUR-1215M-PA	AIR HOSE 8mm*12mm*15M
PUR-1410M-PA	AIR HOSE 10mm*14mm*10M
PUR-1415M-PA	AIR HOSE 10mm*14mm*15M



OTHER PRODUCTS

Accessories- Socket Sets

OTHER PRODUCTS

Accessories-Sockets & Socket Set



OTHER ACCESSORIES

SCREWDRIVER BITS

Size	Length	Set
1/4"S	65mm*2	10pcs
1/4*M	100mm*2	10pcs
1/4*L	150mm*2	10pcs



INFORMATION

1/2" Impact Socket set (3pc/ box)	
Model	SK-DDM04-KR1 / SK-DDMH00-KR1(Thin Wall)
Size	17 mm, 19 mm, 21mm

3/8" Sockets	
Model	Description
SK031-16M	3/8"DR.16MM 32L CR-MO IMPACT SOCKET
SK031-17M	3/8"DR.17MM 32L CR-MO IMPACT SOCKET
SK031-18M	3/8"DR.18MM 32L CR-MO IMPACT SOCKET
SK031-19M	3/8"DR.19MM 32L CR-MO IMPACT SOCKET
SK033-16M	3/8"DR.16MM 63L CR-MO DEEP IMPACT SOCKET
SK033-19M	3/8"DR.19MM 63L CR-MO DEEP IMPACT SOCKET

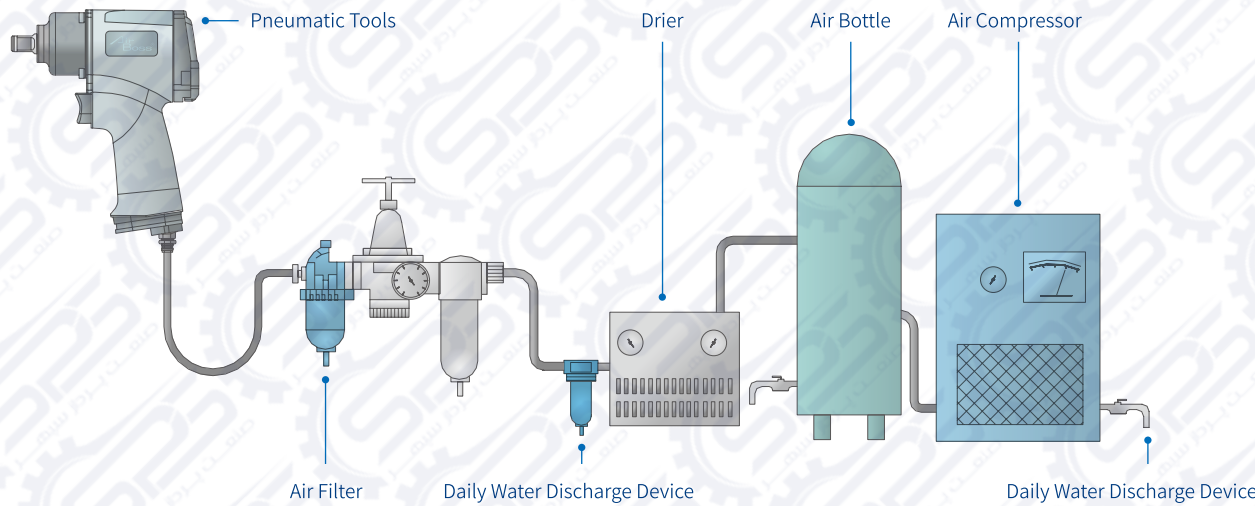
1/2" Sockets	
Model	Description
SK041-27M	1/2" 27MM 43L CR-MO IMPACT SOCKET
SK041-30M	1/2" 30MM 48L CR-MO IMPACT SOCKET
SK041-32M	1/2" 32MM 48L CR-MO IMPACT SOCKET
SK043-30M	1/2"DR.30MM 78L CR-MO DEEP IMPACT SOCKET
SK043-32M	1/2"DR.32MM 78L CR-MO DEEP IMPACT SOCKET
SK043-36M	1/2"DR.36MM 78L CR-MO DEEP IMPACT SOCKET

1/2" Double Hexagon Sockets	
Model	Description
SK04F-17M063	1/2" Double Hexagon DR. 17*19mm 28D1 30D2 63L CR-MO
SK04F-19M063	1/2" Double Hexagon DR. 19*21mm 28D1 30D2 63L CR-MO
SK04F-12S07613	1/2" Double Hexagon DR. 3/4*13/16 26D1 28D2 76L CR-MO No one side hole
SK04F-19M07613	1/2" Double Hexagon DR. 19*21mm 26D1 28D2 76L CR-MO No one side hole

1" Socketst	
Model	Description
SK081-27M	1"DR.27MM 58L CR-MO IMP.SKT
SK081-30M	1"DR.30MM 60L CR-MO IMP.SKT
SK081-32M	1"DR.32MM 61L CR-MO IMP.SKT
SK081-33M	1"DR.33MM 61L CR-MO IMP.SKT
SK081-36M	1"DR.36MM 65L CR-MO IMP.SKT
SK083-33M	1"DR.33MM 90L CR-MO DEEP IMP.SKT

AIR SUPPLY SYSTEM & CONVERSION TABLE

AIR SUPPLY SYSTEM



Precautions

1. To ensure the product life, we strongly recommend setting three-point combination and air drier in the air compressor pipeline.
2. Be sure to discharge the water from the air compressor and air filter.
3. Check the pneumatic tools every day. Before use, add appropriate lubricant to air inlet. No high viscose lubricant or the power of the tools may decrease.
4. Fill only little high temperature lubricant into the front clutch every week to ensure proper lubricating and resistance to abrasion.
5. The applicable air pressure is 6.3 kg/cm2 (90 psi), too high or too low air pressure may influence the performance and product life.
6. Please wear safe glasses before operation.

THREAD ☐ NPT (USA) ☐ PF (Europe) ☐ BSPP/BSPT (Europe) ☐ PT (Asia)

CONVERSION TABLE

Unit to Convert	Torque									Air Pressure				
	Imperial			International System - S.I.			Metric			pa	Mpa	bar	psi	kg/cm
mN - m	0.142	0.009	0.0007	1	0.1	0.001	10.2	0.01	0.0001	1000.000	1	10	145	10.197
cN - m	1.416	0.088	0.007	10	1	0.01	102	0.102	0.001					
N - m	141.6	8.851	0.738	1000	100	1	10197	10.20	0.102	100.000	0.1	1	14.5	1.0197
ozf - in	1	0.0625	0.005	7.062	0.706	0.007	72	0.072	0.0007					
lbf - in	16	1	0.083	113	11.3	0.113	1152.1	1.152	0.0115	620.000	0.62	6.2	90	6.3
lbf - ft	192	12	1	1356	135.6	1.356	13826	13.83	0.138					
gf - cm	0.014	0.0009	0.00007	0.098	0.01	0.0001	1	0.001	0.00001	98.070	0.09807	0.9807	14.223	1
kgf - cm	13.89	0.868	0.072	98.07	9.807	0.098	1000	1	0.01	6.890	0.00689	0.0689	1	0.0703
kgf - m	1389	86.8	7.234	9807	980.7	9.807	100000	100	1					

Millimeters / Inches				Length			Air Consumption			Weight	
mm	Inch	mm	Inch	mm	Inch	ft	m³/min	scfm (ft³/min)	1cfm=1scfm*k	lb	kg
0.397	1/64"	6.350	1/4"	1	0.0394	0.0033	1	35.317	K=0.1404	1	0.45359
0.794	1/32"	12.70	1/2"	25.4	1	0.0833					
1.588	1/16"	19.050	3/4"				0.0283	1	---	2.20462	1
3.175	1/8"	25.400	1"	304.801	12	1					

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AIRBOSS AIR TOOLS CO., LTD.

📍 No.1688, Zhongke Rd., Xitun Dist., Taichung City, Taiwan
☎️ +886-4-2451-1800
📠 +886-4-2451-2388
✉️ airboss@twairboss.com
🌐 www.twairboss.com
📘 www.facebook.com/twairboss
🐦 twitter.com/twairboss

www.twairboss.com



****Please note that this series are not covered with warranty****

■ Air Chipping Hammer



CH-011



CH-012



CH-013



Optional flat chisel
(CH-011-2)

Model	Piston Stroke	Stroke Speed	Overall Length	Net Weight		Air Consumption	Air Inlet	Hose Size	Air Pressure
	mm	bpm	mm	lbs	kg	m ³ /min	PT(in.)	mm	kg/cm ²
CH-011	10	3000	230	3.97	1.8	0.20	1/4"	8	6
CH-012	10	3000	303	3.74	1.7	0.20	1/4"	8	6
CH-013	10	4000	290	2.43	1.1	0.18	1/4"	8	6

■ Air Needle Scaler



NS-001



NS-002



NS-003



Optional
accessories

Model	Needle q'ty	Piston Stroke	Stroke Speed	Overall Length	Net Weight		Air Consumption	Air Inlet	Air Hose	Air Pressure
	pc	mm	bpm	mm	lbs	kg	m ³ /min	PT(in.)	mm	kg/cm ²
NS-001	19	27	3000	385	5.71	2.59	0.20	1/4"	8	6
NS-002	19	33	3000	325	5.93	2.69	0.20	1/4"	8	6
NS-003	12	27	4000	310	2.34	1.06	0.18	1/4"	8	6

■ Heavy Duty Angle Grinder



AG-206



AG-207

Model	Maximum Diameter Grinding Wheel		Spindle Thread Size	Free Speed	Power	Horse Power	Overall Length		Net Weight		Air Consumption		Air Inlet	Air Hose	Air Pressure
	mm	in.	in.	r.p.m.	w	hp	mm	in.	lbs	kg	cfm	L/min	PT(in.)	mm	kg/cm ²
AG-206	50	2	3/8"-24UNF	14000	373	0.5	185	7.33	1.36	0.62	3.5	99	1/4"	10	6.3
AG-207	100	4	3/8"-24UNF	13000	373	0.5	340	13.39	1.61	0.73	3.5	99	1/4"	10	6.3

■ Heavy Duty Die Grinder



DG-117



DG-118



DG-119

Model	Collect size		Maximum Diameter Grinding Wheel		Spindle Thread Size	Free Speed	Power	Horse Power	Overall Length		Net Weight		Air Consumption		Air Inlet	Air Hose	Air Pressure
	mm	in.	mm	in.	in.	r.p.m.	w	hp	mm	in.	lbs	kg	cfm	L/min	PT(in.)	mm	kg/cm ²
DG-117	6	1/4	---	---	---	20000	373	0.5	188	7.33	1.36	0.62	3.5	99	1/4"	10	6.3
DG-118	6	1/4	---	---	---	14000	373	0.5	185	7.21	1.61	0.73	3.5	99	1/4"	10	6.3
DG-119	---	---	75	3	3/8"-24UNF	20000	373	0.5	193	7.52	1.69	0.77	3.5	99	1/4"	10	6.3

■ The above data is for reference only, please refer to the actual measurement.

07

AIRBOSS AIR TOOLS CO., LTD.

📍 No.1688,Zhongke Rd., Xitun Dist., Taichung City,Taiwan

☎ +886-4-2451-1800

🖨 +886-4-2451-2388

✉ airboss@twairboss.com

🌐 www.twairboss.com

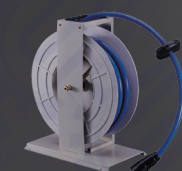
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■ AIR IMPACT WRENCH 3/8" & 1/2" & 3/4" & 1"



INFORMATION

Information		Bolt Capacity	Clutch Type	Free Speed	Suitable Torque		Max Torque		Overall Length	Net Weight		Air Consumption	Air Inlet	Air Hose	Air Pressure
Model	Size	mm	Mechanism	r.p.m.	ft-lb	N.M.	ft-lb	N.M.	mm	lbs	kg	m ³ /min	PT(in.)	mm	kg/cm ²
AB-162	1/2"	16	Twin Hammer	8000	25-324	34-440	450	610	171	5.7	2.6	0.3	1/4"	10	6.3
AB-162L	1/2"	16	Twin Hammer	8000	25-324	34-440	450	610	200	6.1	2.8	0.3	1/4"	10	6.3
AB-170P	1/2"	15	Twin Hammer	7600	25-225	34-306	375	510	122	3.1	1.4	0.3	1/4"	10	6.3
	3/8"								122	3.1	1.4				
AB-190P	1/2"	19	Twin Hammer	7400	27-387	36-525	627	850	145	4.9	2.2	0.3	1/4"	10	6.3
AB-190PL	1/2"	19	Twin Hammer	7400	27-387	36-525	627	850	175	5.1	2.3	0.3	1/4"	10	6.3
AB-200P	1/2"	19	Twin Hammer	6800	50-596	68-808	1372	1860	165	5.7	2.6	0.3	1/4"	10	6.3
AB-200PL	1/2"	19	Twin Hammer	6800	50-596	68-808	1372	1860	198	6.0	2.7	0.3	1/4"	10	6.3
AB-200P	3/4"	19	Twin Hammer	6800	50-596	68-808	1372	1860	170	5.9	2.7	0.3	1/4"	10	6.3
AB-230P	3/4"	23	Twin Hammer	6500	295-649	400-800	812	1100	192	8.2	3.7	0.4	3/8"	12.7	6.3
AB-230PL	3/4"	23	Twin Hammer	6500	265-584	360-720	738	1000	317	9.3	4.2	0.4	3/8"	12.7	6.3
AB-300P	3/4"	30	Twin Hammer	4800	332-885	450-1200	1253	1700	212	12.1	5.5	0.5	3/8"	12.7	6.3
	1"								218	12.3	5.6				
AB-300PL	3/4"	30	Twin Hammer	4800	299-796	405-1080	1127	1530	335	13.7	6.2	0.5	3/8"	12.7	6.3

■ The above data is for reference only, please refer to the actual measurement.

■ 1" AIR IMPACT WRENCH



INFORMATION The Straight Types above are available in Inner/Outer Trigger version

Information		Bolt Capacity	Clutch Type	Free Speed	Suitable Torque		Max Torque		Overall Length	Net Weight		Air Consumption	Air Inlet	Air Hose	Air Pressure
Model	Size	mm	Mechanism	r.p.m.	ft-lb	N.M.	ft-lb	N.M.	mm	lbs	kg	m ³ /min	PT(in.)	mm	kg/cm ²
AB-412P	1"	41	Swing Hammer	4200	649-1416	880-1920	1771	2400	284	21.4	9.7	0.6	1/2"	12.7	6.3
AB-412PL	1"	41	Swing Hammer	4200	649-1416	880-1920	1771	2400	427	24.0	10.9	0.6	1/2"	12.7	6.3
AB-562P	1"	56	Swing Hammer	3000	1328-1948	1800-2640	2508	3400	319	30.4	13.8	0.6	1/2"	12.7	6.3
AB-562PL	1"	56	Swing Hammer	3000	1328-1948	1800-2640	2508	3400	520	32.3	14.7	0.6	1/2"	12.7	6.3
AB-412GS	1"	41	Swing Hammer	4200	649-1416	880-1920	1771	2400	392	21.3	9.7	0.6	1/2"	12.7	6.3
AB-412GL	1"	41	Swing Hammer	4200	649-1416	880-1920	1771	2400	525	24.5	11.1	0.6	1/2"	12.7	6.3
AB-562GS	1"	56	Swing Hammer	3000	1328-1948	1800-2640	2508	3400	434	30.5	13.9	0.6	1/2"	12.7	6.3
AB-562GL	1"	56	Swing Hammer	3000	1328-1948	1800-2640	2508	3400	614	34.2	15.5	0.6	1/2"	12.7	6.3

■ The above data is for reference only, please refer to the actual measurement.

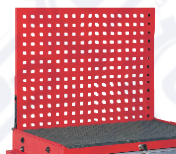
Roller Cabinet

Model	Number Of Drawers	Drawer size	Overall W x D x H mm	Overall Of Caster W x D x H mm	Drawers Size W x D x H mm	Caster	Net Weight
DRW-26-6XL	6	26"	670 x 460 x 812	670 x 460 x 960	576 x 380 x 75 x 3 unit 576 x 380 x 154 x 3 unit	5" x 1-1/4" (2 fixed +2 swivel)	62.7KG



DRW-26-6XL

Option	Description
DRW-EA-04	Workpanel for W26 series
DRW-EA-05	Side panel for W26 & ET series
DRW-EA-07	Top tray for W26 series
DRW-AC-MAT01	Cabinet top liner for W26 series
DRW-AC-2SH	2" Single hook
DRW-AC-2DH	2" Double hook
DRW-AC-4SH	4" Single hook
DRW-AC-4DH	4" Double hook



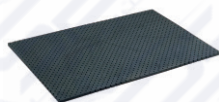
DRW-EA-04



DRW-EA-05



DRW-EA-07



DRW-AC-MAT01



DRW-AC-2SH



DRW-AC-2DH



DRW-AC-4SH



DRW-AC-4DH

Air Sander - SA Series

SA-101-5



SA-101-6



SA-122



Information	Pad Size		Orbital Diameter		Free Speed	Overall Length	Net Weight		Air Consumption	Air Inlet	Air Hose	Air Pressure
Model	mm	in.	mm	in.	r.p.m.	mm	lbs	kg	m ³ /min	PT(in.)	mm	kg/cm ²
SA-101-5	127	5"	5	3/16"	10000	180	1.7	0.8	0.3	1/4"	9.5	6.3
SA-101-6	152	6"	5	3/16"	10000	180	1.7	0.8	0.3	1/4"	9.5	6.3
SA-122	152	6"	----	----	10000	240	4.3	1.9	0.6	1/4"	9.5	6.3

Air Belt Sander



BS-113



BS-103



SE-101



SE-001



TB-101



SH-105

Model	Belt Size	Belt speed	Wheel size		Sheet Capacity	Free Speed	Overall Length	Net Weight		Air Consumption	Air Inlet	Air Hose	Air Pressure
	mm	r.p.m.	mm	in.	mm	r.p.m.	mm	lbs	kg	m³/min	PT(in.)	mm	kg/cm²
BS-113	60 x 260	800	----	----	----	7000	170	2.4	1.1	0.3	1/4"	10	6.3
BS-102	10 x 330	1350	----	----	----	18000	280	1.8	0.8	0.2	1/4"	6.4	6.3
BS-103	20 x 520	2200	----	----	----	18000	350	2.2	1	0.3	1/4"	6.4	6.3
SE-101	----	----	102	4"	----	4000	210	2.1	0.95	0.2	1/4"	6.4	6.3
SE-001	----	----	88	3.5	----	3600	228	2.42	1.1	0.1	1/4"	10	6.3
TB-101	----	----	50	2"	----	2500	220	2.6	1.2	0.3	1/4"	10	6.3
SH-105	----	----	----	----	1.2	2500	215	2.8	1.3	0.5	1/4"	10	6.3

Air Ratchet Wrench



RW-102



RW-113



RW-114



RW-115



RW-116

Model	Driver Size		Bolt Capacity		Suitable Toque		Free Speed	Overall Length	Net Weight		Air Consumption	Air Inlet	Air Hose	Air Pressure
	mm	in.	mm	in.	ft-lb	N.m	r.p.m.	mm	lbs	kg	m³/min	PT(in.)	mm	kg/cm²
RW-102	12	1/2"	12	1/2"	50	68	160	260	2.64	1.2	0.11	1/4"	10	6.3
RW-113	6	1/4"	6	1/4"	35	47.5	300	134	0.99	0.45	0.07	1/4"	10	6.3
RW-114	9	3/8"	9	3/8"	35	47.5	300	134	0.99	0.45	0.07	1/4"	10	6.3
RW-115	9	3/8"	9	3/8"	70	95	160	254	2.86	1.3	0.113	1/4"	9.5	6.3
RW-116	12.7	1/2"	12.7	1/2"	70	95	160	254	2.86	1.3	0.113	1/4"	9.5	6.3

■ The above data is for reference only, please refer to the actual measurement.

****Please note that this series are not covered with warranty****

Heavy Duty Air Hammer Kit

AH-003-KIT
1 PCS ...AIR HAMMER (AH-003)
1 PCS...STANDARD SPRING RETAINER
5 PCS...CHISEL SET 5" (ROUND OR HEX. SHANK)
1 PCS...MINI OILER
1 PCS...OIL POT
1 PCS...NIPPLE
1 PCS...BLOW CASE

HEAVY DUTY AIR HAMMER					
INFORMATION	AIR PRESSURE	AIR CONSUMPTION	BLOWS PER MINUTE	HOSE SIZE	AIR INLET(NPT)
AH-003	90 psi	4 cfm	3200	3/8"	1/4"



AH-003-KIT

Mini Die Grinder Kit

DG-110-KIT
1 PCS ...MINI DIE GRINDER (DG-110)
2 PCS... COLLECT (1/4", 1/8") OR (6mm, 3mm)
2 PCS...SPANNER
5 PCS...MOUNTED STONE WITH 1/8" SHANK OR 3mm SHANK
5 PCS...MOUNTED STONE WITH 1/4" SHANK OR 6mm SHANK
1 PCS...PLASTIC CARRYING CASE



DG-110-KIT

INFORMATION	SPEED	CAPACITY	AIR PRESSURE	AIR CONSUMPTION	AIR INLET(NPT)	HOSE SIZE	OVERALL LENGTH	WEIGHT	COLLET SIZE
DG-110	20000 rpm	1/4"	90 psi	17 cfm	1/4"	3/8"	6-5/8"	0.57 KG	1/4", 1/8", 6mm, 3mm



DG-110

Air Hose Reel

MODEL	DESCRIPTION
PUR-1012M-PA	AIR HOSE 6.5mm*10mm*12M
PUR-1210M-PA	AIR HOSE 8mm*12mm*10M
PUR-1212M-PA	AIR HOSE 8mm*12mm*12M
PUR-1215M-PA	AIR HOSE 8mm*12mm*15M
PUR-1410M-PA	AIR HOSE 10mm*14mm*10M
PUR-1415M-PA	AIR HOSE 10mm*14mm*15M



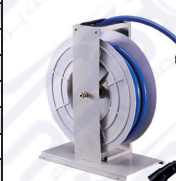
MODEL	DESCRIPTION
HRSC-25PU15M-JP	AIR HOSE REEL IN STEEL CASE 5/16"*50ft PU BRAIDED HOSE (Japan Type)
HRSC-25PU15M-US	AIR HOSE REEL IN STEEL CASE 5/16"*50ft PU BRAIDED HOSE (US Type)
HRSC-25PU15M-EU	AIR HOSE REEL IN STEEL CASE 5/16"*50ft PU BRAIDED HOSE (EU Type)
HCHR-0812PU30M-JP	HAND CRANK HOSE REEL- 8*12mm*30M (Japan Type)
HCHR-0812PU30M-US	HAND CRANK HOSE REEL- 8*12mm*30M (US Type)
HCHR-0812PU30M-EU	HAND CRANK HOSE REEL-8*12mm*30M (EU Type)
HCHR-0812FZ30M-JP	±40°C HAND CRANK HOSE REEL, HOSE 8*12mm*30M (Japan Type)
HCHR-0812FZ30M-EU	±40°C HAND CRANK HOSE REEL, HOSE 8*12mm*30M (EU Type)
HRSC-0011	OPEN HOUSING AUTO AIR-HOSE REEL-PU BRAIDED HOSE (I.D. 9.5mm x 13.5mm x 11.5M (37.7 ft))
HRSC-0012	AUTO AIR-HOSE WINDER STEEL HOUSING-PU BRAIDED HOSE (I.D. 9.5mm x 13.5mm x 17+1M (59 ft))



HRSC-25PU15M-EU



HCHR-0812PU30M-US



HRSC-0011



HCSC-0012

Tundra Soft Hose

MODEL	DESCRIPTION
FZR-081210-EU	8*12MM*10M WITH S31-25STD/PTD& BLUE COVERS
FZR-081215-EU	8*12MM*15M WITH S31-25STD/PTD& BLUE COVERS
FZR-081208-EU	8*12MM*8M WITH S31-25STD/PTD&BLUE COVERS
FZR-081212-EU	8*12MM*12M WITH S31-25STD/PTD&BLUE COVERS
FZR-061010-JP	6.5*10.7MM*10M WITH 20STD/PTD&BLUE COVERS
FZR-061015-JP	6.5*10.7MM*15M WITH 20STD/PTD&BLUE COVERS
FZR-061008-JP	6.5*10.7MM*8M WITH 20STD/PTD&BLUE COVERS
FZR-061012-JP	6.5*10.7MM*12M WITH 20STD/PTD&BLUE COVERS



FZR-081210-EU



FZR-061015-JP

Quick Connector

MODEL	DESCRIPTION
0990125-US	3/8" Hose Male Quick Connector
0990127-US	1/4" NPT Female Quick Connector
0990128-US	3/8" NPT Female Quick Connector
0990130-US	1/4" Hose Male Quick Connector
0990132-US	3/8" Hose Male Quick Connector
0990132-S	3/8" Male Quick Connector (One Touch)
0990133-S	1/2" Male Quick Connector (One Touch)
0990172-S	1/4" Female Quick Connector (One Touch)
0990128-S	3/8" Female Quick Connector (One Touch)
0990127	1/4" PT Female Quick Connector
0990128	3/8" PT Female Quick Connector
0990129	1/2" PT Female Quick Connector



EU Type



US Type



JP Type



■ The above data is for reference only, please refer to the actual measurement.

■ ACCESSORIES - Socket Set/ Sockets/ Torque Sticks and Extensions



SK083-33M



1/2" Impact Socket set (3pc/ box)	
Model	SK-D5M00-KR1
Size	17 mm, 19 mm, 21mm
1/2" Impact Socket set (5pc/ box)	
Model	SK-D5S00-KR
Size	13/16", 7/8", 17 mm, 19 mm, 21 mm

1/2" Impact Socket set (3pc/ box)	
Model	SK-DDM04-KR1 / SK-DDMH00-KR1 (Thin Wall)
Size	17 mm, 19 mm, 21mm

3/8" Impact Socket (CR-MO)	
Model	Description
SK031-16M	3/8"DR. 16MM 32L CR-MO IMPACT SOCKET
SK031-17M	3/8"DR. 17MM 32L CR-MO IMPACT SOCKET
SK031-18M	3/8"DR. 18MM 32L CR-MO IMPACT SOCKET
SK031-19M	3/8"DR. 19MM 32L CR-MO IMPACT SOCKET
SK033-16M	3/8"DR. 16MM 63L CR-MO DEEP IMPACT SOCKET
SK033-19M	3/8"DR. 19MM 63L CR-MO DEEP IMPACT SOCKET

1" Dr. Impact Socket set (CR-MO)	
Model	SK-0063-S 6pcs/set
Size	1-1/2", 1-1/4", 1-1/8, 33mm(90L) 4PT, 13/16" (58L)

1"Dr. Impact Socket CR-MO , thin wall	
Model	SK083-33M
Size	1"DR.33MM 90L CR-MO THIN WALL DEEP SOCKET

Torque Limited Extension Socket (Torque Sticks)	
Model	SK-0003-S
SK-0004-P	1/2" x 8 CR-MO, 65 FT-LBS(90Nm)
SK-0060-P	1/2" x 8 CR-MO, 75 FT-LBS(100Nm)
SK-0005-P	1/2" x 8 CR-MO, 80 FT-LBS(110Nm)
SK-0006-P	1/2" x 8 CR-MO, 90 FT-LBS(120Nm)
SK-0007-P	1/2" x 8 CR-MO, 100 FT-LBS(135Nm)
SK-0061-P	1/2" x 8 CR-MO, 110 FT-LBS(150Nm)
SK-0008-P	1/2" x 8 CR-MO, 120 FT-LBS(160Nm)
SK-0062-P	1/2" x 8 CR-MO, 130 FT-LBS(175Nm)
SK-0010-P	1/2" x 8 CR-MO, 140 FT-LBS(190Nm)
SK-0011-P	1/2" x 8 CR-MO, 150 FT-LBS(200Nm)

1/2"Dr. Impact Socket CR-MO	
Model	Description
SK-041-13M	1/2"DR.13MM 38L IMPACT SOCKET
SK-041-17M	1/2"DR.17MM 38L IMPACT SOCKET
SK-041-19M	1/2"DR.19MM 38L IMPACT SOCKET

Torque Limited Extension Socket (Torque Sticks)	
Model	Description
TW-BB-1925330	13" Extension 3/4"-1"
TW-BB-2525330	13" Extension 1"-1"
TW-BB-1919330	13" Extension 3/4"-3/4"



1/2" Sockets (CR-MO)	
Model	Description
SK041-27M	1/2" 27MM 43L CR-MO IMPACT SOCKET
SK041-30M	1/2" 30MM 48L CR-MO IMPACT SOCKET
SK041-32M	1/2" 32MM 48L CR-MO IMPACT SOCKET
SK043-30M	1/2"DR.30MM 78L CR-MO DEEP IMPACT SOCKET
SK043-32M	1/2"DR.32MM 78L CR-MO DEEP IMPACT SOCKET
SK043-36M	1/2"DR.36MM 78L CR-MO DEEP IMPACT SOCKET

1/2" Double Hexagon Sockets (CR-MO)	
Model	Description
SK04F-17M063	1/2" Double Hexagon DR. 17"19mm 28D1 30D2 63L
SK04F-19M063	1/2" Double Hexagon DR. 19"21mm 28D1 30D2 63L
SK04F-12S07613	1/2" Double Hexagon DR. 3/4"13/16 26D1 28D2 76L (No one side hole)
SK04F-19M07613	1/2" Double Hexagon DR. 19"21mm 26D1 28D2 76L (No one side hole)

1" Sockets (CR-MO)	
Model	Description
SK081-27M	1"DR.27MM 58L CR-MO IMP.SKT
SK081-30M	1"DR.30MM 60L CR-MO IMP.SKT
SK081-32M	1"DR.32MM 61L CR-MO IMP.SKT
SK081-33M	1"DR.33MM 61L CR-MO IMP.SKT
SK081-36M	1"DR.36MM 65L CR-MO IMP.SKT
SK083-33M	1"DR.33MM 90L CR-MO DEEP IMP.SKT

■ We provide socket size from 1/4" ~2" (Standard and deep sockets are all available)

■ ACCESSORIES - Socket Set/ Sockets



Model	1/2"Dr. Impact Socket (CR-MO)
SK042-20M	1/2"DR.1-1/4" 48L IMPACT SOCKET
SK042-19M	1/2"DR.1-3/16" 48L IMPACT SOCKET
SK042-18M	1/2"DR.1-1/8" 48L IMPACT SOCKET
SK042-17M	1/2"DR.1-1/16" 43L IMPACT SOCKET
SK042-16M	1/2"DR.1" 38L IMPACT SOCKET
SK042-15M	1/2"DR.15/16" 38L IMPACT SOCKET

Model	1/2"Dr. Impact Socket (CR-MO)
SK041-36M	1/2"DR.36MM 48L IMPACT SOCKET
SK041-32M	1/2"DR.32MM 48L IMPACT SOCKET
SK041-30M	1/2"DR.30MM 48L IMPACT SOCKET
SK041-27M	1/2"DR.27MM 43L IMPACT SOCKET
SK041-22M	1/2"DR.22MM 38L IMPACT SOCKET
SK041-21M	1/2"DR.21MM 38L IMPACT SOCKET
SK041-19M	1/2"DR.19MM 38L IMPACT SOCKET
SK041-18M	1/2"DR.18MM 38L IMPACT SOCKET
SK041-17M	1/2"DR.17MM 38L IMPACT SOCKET
SK041-16M	1/2"DR.16MM 38L IMPACT SOCKET

Model	1/2"Dr. Deep Impact Socket (CR-MO)
SK043-32M	1/2"DR.32MM 78L DEEP IMPACT SOCKET
SK043-24M	1/2"DR.24MM 78L DEEP IMPACT SOCKET
SK043-22M	1/2"DR.22MM 78L DEEP IMPACT SOCKET
SK043-21M	1/2"DR.21MM 78L DEEP IMPACT SOCKET
SK043-19M	1/2"DR.19MM 78L DEEP IMPACT SOCKET
SK043-18M	1/2"DR.18MM 78L DEEP IMPACT SOCKET
SK043-17M	1/2"DR.17MM 78L DEEP IMPACT SOCKET
SK043-16M	1/2"DR.16MM 78L DEEP IMPACT SOCKET
SK043-15M	1/2"DR.15MM 78L DEEP IMPACT SOCKET

1/2" CR-MO Hex Bit Impact Socket (100 L)	
Model	Description
SK04H-16M100	1/2" Dr. Hex Bit Impact Socket
SK04H-12M100	1/2" Dr. Hex Bit Impact Socket
SK04H-10M100	1/2" Dr. Hex Bit Impact Socket
SK04H-8M100	1/2" Dr. Hex Bit Impact Socket

3/4" Dr. CR-MO DEEP IMPACT SOCKET	
Model	Description
SK061-35M	35MM 57L THIN WALL DEEP IMPACT SOCKET
SK061-32M	32MM 57L THIN WALL DEEP IMPACT SOCKET
SK061-29M	29MM 53L THIN WALL DEEP IMPACT SOCKET
SK061-26M	26MM 51L THIN WALL DEEP IMPACT SOCKET

1" DR. CR-MO THIN WALL DEEP SOCKET (90L)	
Model	Description
SK083-38M	38MM THIN WALL DEEP SOCKET
SK083-35M	35MM THIN WALL DEEP SOCKET
SK083-33M	33MM THIN WALL DEEP SOCKET
SK083-32M	32MM THIN WALL DEEP SOCKET

■ We provide socket size from 1/4" ~2" (Standard and deep sockets are all available)

**Air
Boss®**
Lighter Better



Product Catalog

AW SERIES

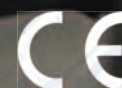
AW Magnesium Alloy Lightweight
& Patented Product Series



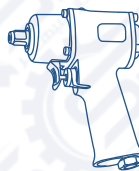
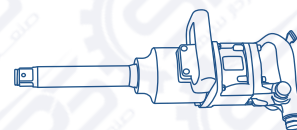
AIRBOSS AIR TOOLS CO., LTD.

📍 No.1688,Zhongke Rd.,Xitun Dist.,Taichung City,Taiwan
☎ +886-2451 1800
📠 +886-2451 2388
✉ airboss@twairboss.com
🌐 www.twairboss.com
📘 www.facebook.com/twairboss
🐦 twitter.com/twairboss

WEBSITE



The torque chart is made based on the measurement of our standard, and the actual fastening power can be different. Please use this chart as a reference when selecting the model.

**LEVER-START
STRAIGHT TYPE****PISTOL TYPE****STRAIGHT TYPE**

AW-SCREWDRIVER SERIES

LEVER-START STRAIGHT TYPE

Torque N.M



PISTOL TYPE

Torque N.M



AW-WRENCH SERIES

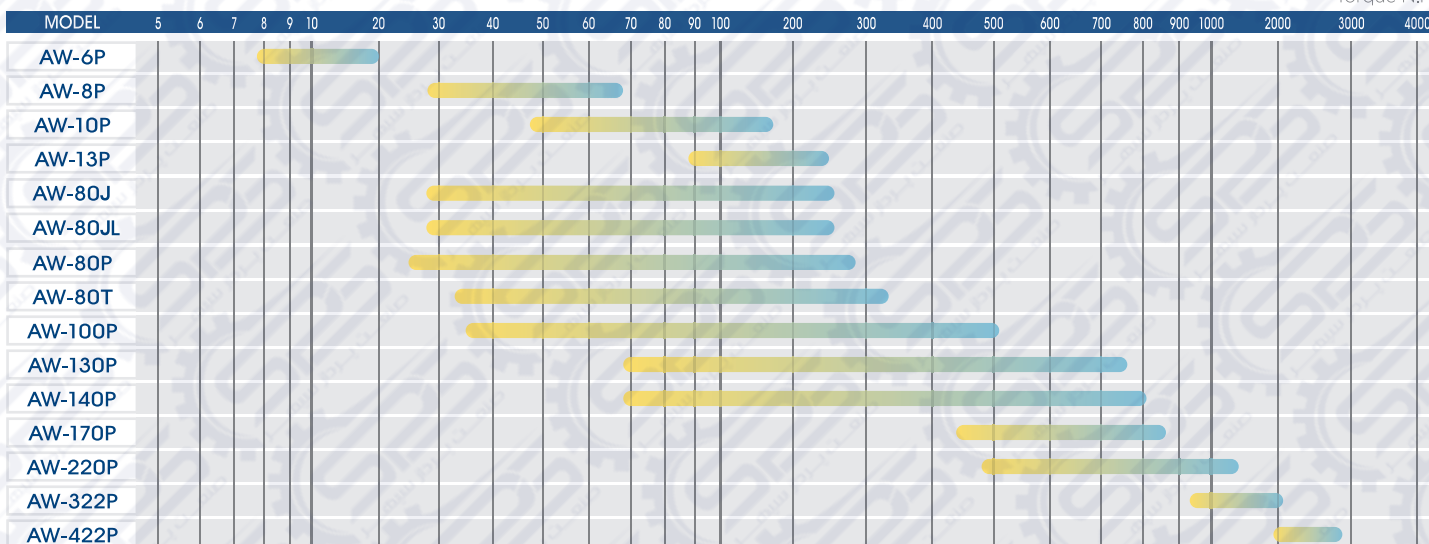
LEVER-START STRAIGHT TYPE

Torque N.M



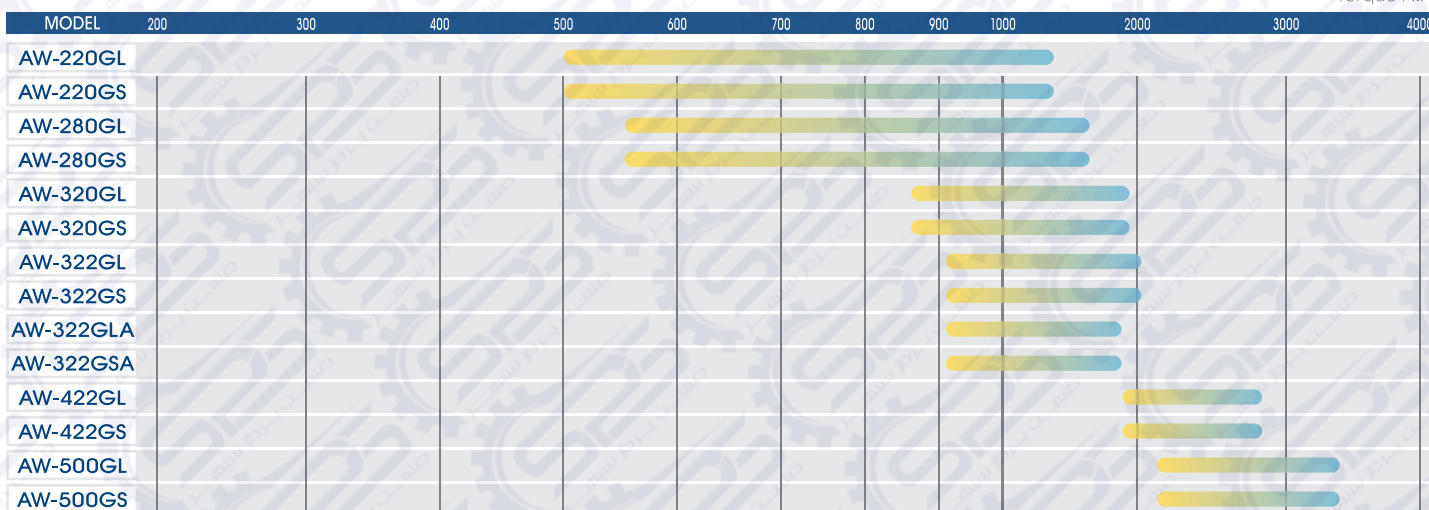
PISTOL TYPE

Torque N.M



STRAIGHT TYPE

Torque N.M



AW-80JL

Right Angle Impact Wrench

30-40% Higher Torque
Max Torque of 550N.M (406 ft-lb)
High Efficiency Tool for Tightening Bolt
Reduce 60% of Vibration with Gearless Transmission Design



**PERFECT IN
LIMITED SPACE**

INFORMATION

Model AW-80JL	Bolt Capacity	Clutch Type	Free Speed	SuitableTorque		Max Torque		Overall Length	Net Weight		Air Consumption	Air Inlet	Air Hose	Air Pressure
	mm	Mechanism	r.p.m.	ft-lb	N.M.	ft-lb	N.M.	mm	lbs	kg	m³/min	PT(in.)	mm	kg/cm²
3/8"	13-15	Jumbo Hammer	9000	21-190	29-260	375	510	84	2.93	1.33	0.3	1/4"	6.4	6.3
1/2"	15	Jumbo Hammer	9000	25-225	34-306	406	550	87	2.95	1.34	0.3	1/4"	6.4	6.3

*The above data is for reference only, please refer to the actual measurement

AW-322GLA

1" Light Weight Air Impact Wrench

Patented Motor of Lower Wear Out

Weight 25% Lighter with Exclusive Patent Design

Magnesium Alloy Housing to replace traditional heavy weight product.

Vital Component Parts from Europe, U.S. and Japan

Tool Life Extended 150%



**BRAND NEW
DIAMOND SHAPE
DESIGN CLUTCH HOUSING**

INFORMATION Available in Inner/ Outer Trigger version

Model	Bolt Capacity	Clutch Type	Free Speed	Suitable Torque		Max Torque		Overall Length	Net Weight		Air Consumption	Air Inlet	Air Hose	Air Pressure
	mm	Mechanism	r.p.m.	ft-lb	N.M.	ft-lb	N.M.	mm	lbs	kg	m ³ /min	PT(in.)	mm	kg/cm ²
AW-322GLA	41	Swing Hammer	5500	668-1459	906-1978	2100	2847	530	19.8	9.1	0.6	1/2"	12.7	6.3
AW-322GSA	41	Swing Hammer	5500	668-1459	906-1978	2100	2847	370	18.5	8.5	0.6	1/2"	12.7	6.3

*The above data is for reference only, please refer to the actual measurement



AW-80J

Mini Air Impact Wrench

Lighter Better
35% Shorter
100% Motor Life Extended

ONLY 84mm (3.3")

**WORLD
SHORTEST MINI
IMPACT WRENCH**

INFORMATION

Model	Bolt Capacity	Clutch Type	Free Speed	Suitable Torque		Max Torque		Overall Length	Net Weight		Air Consumption	Air Inlet	Air Hose	Air Pressure
	mm	Mechanism	r.p.m.	ft-lb	N.M.	ft-lb	N.M.	mm	lbs	kg	m³/min	PT(in.)	mm	kg/cm²
AW-80J 3/8"	13-15	Jumbo Hammer	9000	21-190	29-260	375	510	84	2.44	1.11	0.3	1/4"	6.4	6.3
AW-80J 1/2"	15	Jumbo Hammer	9000	25-225	34-306	406	550	87	2.46	1.12	0.3	1/4"	6.4	6.3
AW-90J 3/8"	15	Jumbo Hammer	9000	25-255	34-345	473	640	99	2.95	1.34	0.3	1/4"	6.4	6.3
AW-90J 1/2"	15	Jumbo Hammer	9000	25-268	34-363	496	670	99	2.95	1.34	0.3	1/4"	6.4	6.3

*The above data is for reference only, please refer to the actual measurement

AW-80T

1/2" Mini Air Impact Wrench

30% Shorter
Stronger Torque
Essential Handy Tool

ONLY 95mm (3.7")



**PATENTED
STEEL MOTOR**

INFORMATION

Model		Bolt Capacity	Clutch Type	Free Speed	Suitable Torque		Max Torque		Overall Length	Net Weight		Air Consumption	Air Inlet	Air Hose	Air Pressure
		mm	Mechanism	r.p.m.	ft-lb	N.M.	ft-lb	N.M.	mm	lbs	kg	m ³ /min	PT(in.)	mm	kg/cm ²
AW-80T	3/8"	15	Twin Hammer	9000	25-231	34-314	428	580	95	2.62	1.19	0.3	1/4"	6.4	6.3
	1/2"	15	Twin Hammer	9000	25-243	34-330	450	610	95	2.62	1.19	0.3	1/4"	6.4	6.3
AW-100T	1/2"	18	Twin Hammer	7500	25-369	34-500	598	810	106	4.00	1.80	0.3	1/4"	6.4	6.3

*The above data is for reference only, please refer to the actual measurement

1/4" Screwdriver // Straight Type & Pistol Type



AW-6



AW-6P



AW-8P



AW-80P

3/8" Air Impact Wrench // Straight Type & Pistol Type



AW-6



AW-6P



AW-8P



AW-80P

INFORMATION

Model		Bolt Capacity	Clutch Type	Free Speed	SuitableTorque		Max Torque		Overall Length	Net Weight		Air Consumption	Air Inlet	Air Hose	Air Pressure
		mm	Mechanism	r.p.m.	ft-lb	N.M.	ft-lb	N.M.	mm	lbs	kg	m³/min	PT(in)	mm	kg/cm²
AW-6	1/4"	6	Twin Dog	8500	5.2-13.3	7-18	-	-	202	2	0.9	0.3	1/4"	10	6.3
	3/8"								202						
AW-6P	1/4"	6	Twin Dog	10000	6-15	7.8-20	-	-	162	2.2	1	0.35	1/4"	10	6.3
	3/8"								155						
AW-8P	1/4"	8	Twin Dog	7400	21-50	28-68	-	-	162	2.9	1.3	0.4	1/4"	10	6.3
	3/8"								155						
AW-80P	1/4"	14	Twin Hammer	7800	18-207	25-280	221	300	141	2.6	1.2	0.3	1/4"	6.4	6.3
	3/8"								140						

*The above data is for reference only, please refer to the actual measurement

1/2" Air Impact Wrench Pistol Type



AW-8P



AW-10P



AW-13P



AW-80P



AW-100P



AW-130P



AW-140P

INFORMATION

Model	Bolt Capacity	Clutch Type	Free Speed	Suitable Torque		Max Torque		Overall Length	Net Weight		Air Consumption	Air Inlet	Air Hose	Air Pressure
	mm	Mechanism	r.p.m.	ft-lb	N.M.	ft-lb	N.M.	mm	lbs	kg	m ³ /min	PT(in.)	mm	kg/cm ²
AW-8P	8	Twin Dog	7400	21 - 50	28 - 68	-	-	155	2.9	1.5	0.4	1/4"	10	6.3
AW-10P	10-12	Twin Dog	5500	35 - 130	47 - 175	-	-	175	4.8	2.2	0.45	1/4"	10	6.3
AW-13P	13	Twin Dog	5200	65 - 178	88 - 240	-	-	198	5.3	2.4	0.55	1/4"	10	6.3
AW-80P	14	Twin Hammer	7800	18 - 207	25-280	221	300	140	2.6	1.2	0.3	1/4"	6.4	6.3
AW-100P	18	Twin Hammer	7500	25 - 369	34-500	598	810	160	3.9	1.8	0.3	1/4"	6.4	6.3
AW-100PL	18	Twin Hammer	7500	25 - 369	34-500	598	810	202	4.2	1.9	0.3	1/4"	6.4	6.3
AW-130P	19	Twin Hammer	6200	50 - 552	68 - 746	780	1054	164	4.82	2.19	0.68	1/4"	6.4	6.3
AW-130PL	19	Twin Hammer	6200	50 - 552	68 - 746	780	1054	206	4.95	2.25	0.68	1/4"	6.4	6.3
AW-140P	19	Twin Hammer	6700	50-596	68-808	1372	1860	166	5.1	2.3	0.68	1/4"	6.4	6.3
AW-140PL	19	Twin Hammer	6700	50-596	68-808	1372	1860	208	5.17	2.35	0.68	1/4"	6.4	6.3

*The above data is for reference only, please refer to the actual measurement

3/4" Air Impact Wrench Pistol Type



3/4" Air Impact Wrench Straight Type



INFORMATION Above Straight Type are available in Inner/ Outer Trigger version

Model	Bolt Capacity	Clutch Type	Free Speed	Suitable Torque		Max Torque		Overall Length	Net Weight		Air Consumption	Air Inlet	Air Hose	Air Pressure
	mm	Mechanism	r.p.m.	ft-lb	N.M.	ft-lb	N.M.	mm	lbs	kg	m³/min	PT(in.)	mm	kg/cm²
AW-170P	23	Twin Hammer	6600	310 - 620	420 - 840	885	1200	227	7.0	3.2	0.4	3/8"	9.5	6.3
AW-170PL	23	Twin Hammer	6600	310 - 620	420 - 840	885	1200	325	8.1	3.7	0.4	3/8"	9.5	6.3
AW-220P	30	Twin Hammer	4800	349 - 929	473 - 1260	1328	1800	220	9.9	4.5	0.5	3/8"	9.5	6.3
AW-220PL	30	Twin Hammer	4800	349 - 929	473 - 1260	1328	1800	342	11.4	5.2	0.5	3/8"	9.5	6.3
AW-220GL	30	Twin Hammer	4500	369 - 959	500 - 1300	1328	1800	428	11.7	5.3	0.5	1/2"	12.7	6.3
AW-220GS	30	Twin Hammer	4500	369 - 959	500 - 1300	1328	1800	310	10.8	4.9	0.5	1/2"	12.7	6.3

*The above data is for reference only, please refer to the actual measurement

AW-280GL

1" Light Weight Air Impact Wrench

Durable Motor – 100% Motor Life Extended
Ergonomic designed, User Friendly
Only 6.5 KG lightweight for Commercial Vehicles, Vans,
SUV and Railway constructions

**PATENTED
STEEL MOTOR**

INFORMATION Available in Inner/ Outer Trigger version

Model	Bolt Capacity	Clutch Type	Free Speed	Suitable Torque		Max Torque		Overall Length	Net Weight		Air Consumption	Air Inlet	Air Hose	Air Pressure
	mm	Mechanism	r.p.m.	ft-lb	N.M.	ft-lb	N.M.	mm	lbs	kg	m ³ /min	PT(in.)	mm	kg/cm ²
AW-280GL	38	Twin Hammer	4500	405 - 1107	550 - 1500	1475	2000	508	16.1	7.3	0.5	1/2"	12.7	6.3
AW-280GS	38	Twin Hammer	4500	405 - 1107	550 - 1500	1475	2000	407	14.3	6.5	0.5	1/2"	12.7	6.3

*The above data is for reference only, please refer to the actual measurement

1" Air Impact Wrench Pistol Type



AW-220P



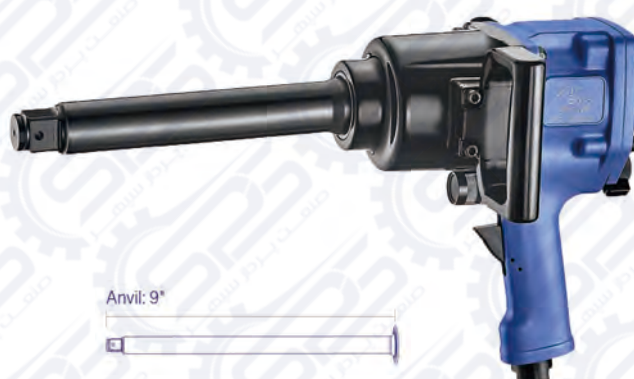
AW-322P



AW-322PL



AW-422P



AW-422PL

INFORMATION

Model	Bolt Capacity	Clutch Type	Free Speed	Suitable Torque		Max Torque		Overall Length	Net Weight		Air Consumption	Air Inlet	Air Hose	Air Pressure
	mm	Mechanism	r.p.m.	ft-lb	N.M.	ft-lb	N.M.	mm	lbs	kg	m³/min	PT(in.)	mm	kg/cm²
AW-220P	30	Twin Hammer	4800	349 - 929	473 - 1260	1328	1800	220	9.9	4.5	0.5	3/8"	9.5	6.3
AW-220PL	30	Twin Hammer	4800	349 - 929	473 - 1260	1328	1800	342	11.4	5.2	0.5	3/8"	9.5	6.3
AW-322P	41	Swing Hammer	4200	668 - 1459	906 - 1978	1852	2500	290	19.2	8.7	0.6	1/2"	12.7	6.3
AW-322PL	41	Swing Hammer	4200	668 - 1459	906 - 1978	1852	2500	426	22	10	0.6	1/2"	12.7	6.3
AW-422P	56	Swing Hammer	3000	1367 - 2005	1854 - 2720	2555	3450	315	26.8	12.2	0.6	1/2"	12.7	6.3
AW-422PL	56	Swing Hammer	3000	1367 - 2005	1854 - 2720	2555	3450	517	31.2	14.2	0.6	1/2"	12.7	6.3

*The above data is for reference only, please refer to the actual measurement

1" Air Impact Wrench // Straight Type



Anvil: 6"



AW-220GL



Anvil: 1 1/5"



AW-220GS



Anvil: 6"



AW-280GL



Anvil: 2"



AW-280GS

INFORMATION Above all models are available in Inner/ Outer Trigger version.

Model	Bolt Capacity	Clutch Type	Free Speed	Suitable Torque		Max Torque		Overall Length	Net Weight		Air Consumption	Air Inlet	Air Hose	Air Pressure
	mm	Mechanism	r.p.m.	ft-lb	N.M.	ft-lb	N.M.	mm	lbs	kg	m³/min	PT(in.)	mm	kg/cm²
AW-220GL	30	Twin Hammer	4500	369 - 959	500 - 1300	1328	1800	428	11.6	5.3	0.5	1/2"	12.7	6.3
AW-220GS	30	Twin Hammer	4500	369 - 959	500 - 1300	1328	1800	310	10.8	4.9	0.5	1/2"	12.7	6.3
AW-280GL	38	Twin Hammer	4500	405 - 1107	550 - 1500	1475	2000	508	16.1	7.3	0.5	1/2"	12.7	6.3
AW-280GS	38	Twin Hammer	4500	405 - 1107	550 - 1500	1475	2000	407	14.3	6.5	0.5	1/2"	12.7	6.3

*The above data is for reference only, please refer to the actual measurement

1" Air Impact Wrench

Straight Type



AW-320GL



AW-320GS



AW-322GL



AW-322GS



AW-322GLA



AW-322GSA

INFORMATION Above all models are available in Inner/ Outer Trigger version.

Model	Bolt Capacity	Clutch Type	Free Speed	Suitable Torque		Max Torque		Overall Length	Net Weight		Air Consumption	Air Inlet	Air Hose	Air Pressure
	mm	Mechanism	r.p.m.	ft-lb	N.M.	ft-lb	N.M.	mm	lbs	kg	m³/min	PT(in.)	mm	kg/cm²
AW-320GL	40	Twin Hammer	4200	634 - 1416	860 - 1920	1771	2400	520	20.1	9.1	0.6	1/2"	12.7	6.3
AW-320GS	40	Twin Hammer	4200	634 - 1416	860 - 1920	1771	2400	380	18.9	8.6	0.6	1/2"	12.7	6.3
AW-322GL	41	Swing Hammer	5250	668 - 1459	906 - 1978	2100	2847	530	22	9.8	0.6	1/2"	12.7	6.3
AW-322GS	41	Swing Hammer	5250	668 - 1459	906 - 1978	2100	2847	370	19	8.6	0.6	1/2"	12.7	6.3
AW-322GLA	41	Swing Hammer	5500	668 - 1459	906 - 1978	2100	2847	530	19.8	9.1	0.6	1/2"	12.7	6.3
AW-322GSA	41	Swing Hammer	5500	668 - 1459	906 - 1978	2100	2847	370	18.5	8.5	0.6	1/2"	12.7	6.3

*The above data is for reference only, please refer to the actual measurement

1" Air Impact Wrench // Straight Type



Anvil: 9"


AW-422GL


Anvil: 1 1/2"


AW-422GS


Anvil: 1 1/2"


AW-452GS

Anvil: 9"


AW-452GL

1-1/2" Air Impact Wrench // Straight Type



Anvil: 2"


AW-500GS


Anvil: 8"


AW-500GL

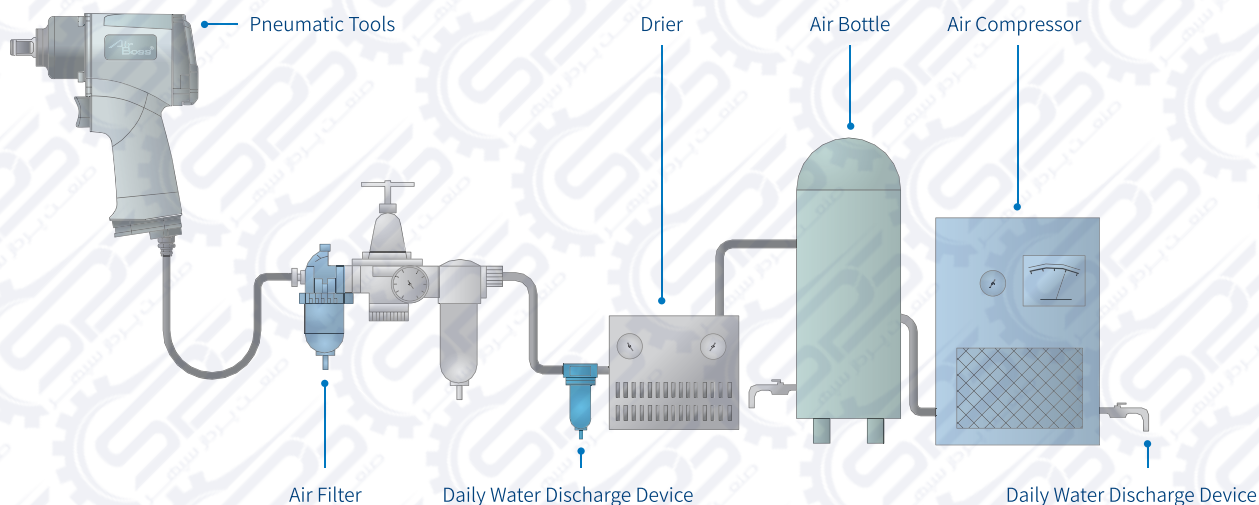
INFORMATION Above all models are available in Inner/ Outer Trigger version.

Model	Bolt Capacity	Clutch Type	Free Speed	Suitable Torque		Max Torque		Overall Length	Net Weight		Air Consumption	Air Inlet	Air Hose	Air Pressure
	mm	Mechanism	r.p.m.	ft-lb	N.M.	ft-lb	N.M.	mm	lbs	kg	m³/min	PT(in.)	mm	kg/cm²
AW-422GL	56	Swing Hammer	3000	1367-2005	1854-2720	2555	3450	605	30.1	13.7	0.6	1/2"	12.7	6.3
AW-422GS	56	Swing Hammer	3000	1367-2005	1854-2720	2555	3450	453	25.8	11.7	0.6	1/2"	12.7	6.3
AW-452GL	60	Swing Hammer	3000	1581-2317	2142-3139	2878	3900	636	35.2	16	0.7	1/2"	19	6.3
AW-452GS	60	Swing Hammer	3000	1581-2317	2142-3139	2878	3900	462	31.9	14.5	0.7	1/2"	19	6.3
AW-500GL	56	Twin Hammer	3000	1367-3900	1854-5288	5000	6779	625	36.9	16.7	0.6	1/2"	19	6.3
AW-500GS	56	Twin Hammer	3000	1367-3900	1854-5288	5000	6779	490	33.1	14.9	0.6	1/2"	19	6.3

*The above data is for reference only, please refer to the actual measurement

AIR SUPPLY SYSTEM & CONVERSION TABLE

AIR SUPPLY SYSTEM



Precautions

1. To ensure the product life, we strongly recommend setting three-point combination and air drier in the air compressor pipeline.
2. Be sure to discharge the water from the air compressor and air filter.
3. Check the pneumatic tools every day. Before use, add appropriate lubricant to air inlet. No high viscose lubricant or the power of the tools may decrease.
4. Fill only little high temperature lubricant into the front clutch every week to ensure proper lubricating and resistance to abrasion.
5. The applicable air pressure is 6.3 kg/cm² (90 psi), too high or too low air pressure may influence the performance and product life.
6. Please wear safe glasses before operation.

THREAD ☐ NPT (USA) ☐ PF (Europe) ☐ BSPP/BSPT (Europe) ☐ PT (Asia)

CONVERSION TABLE

Unit to Convert	Torque									Air Pressure				
	Imperial			International System - S.I.			Metric							
	ozf - in	lbf - in	lbf - ft	mN - m	cN - m	N - m	gf - cm	kgf - cm	kgf - m	pa	Mpa	bar	psi	kg/cm
mN - m	0.142	0.009	0.0007	1	0.1	0.001	10.2	0.01	0.0001	1000.000	1	10	145	10.197
cN - m	1.416	0.088	0.007	10	1	0.01	102	0.102	0.001					
N - m	141.6	8.851	0.738	1000	100	1	10197	10.20	0.102	100.000	0.1	1	14.5	1.0197
ozf - in	1	0.0625	0.005	7.062	0.706	0.007	72	0.072	0.0007					
lbf - in	16	1	0.083	113	11.3	0.113	1152.1	1.152	0.0115	620.000	0.62	6.2	90	6.3
lbf - ft	192	12	1	1356	135.6	1.356	13826	13.83	0.138					
gf - cm	0.014	0.0009	0.00007	0.098	0.01	0.0001	1	0.001	0.00001	98.070	0.09807	0.9807	14.223	1
kgf - cm	13.89	0.868	0.072	98.07	9.807	0.098	1000	1	0.01					
kgf - m	1389	86.8	7.234	9807	980.7	9.807	100000	100	1	6.890	0.00689	0.0689	1	0.0703

Millimeters / Inches				Length			Air Consumption			Weight	
mm	Inch	mm	Inch	mm	Inch	ft	m ³ /min	scfm (ft ³ /min)	1cfm=1scfm*k	lb	kg
0.397	1/64"	6.350	1/4"	1	0.0394	0.0033	1	35.317	K=0.1404	1	0.45359
0.794	1/32"	12.70	1/2"	25.4	1	0.0833					
1.588	1/16"	19.050	3/4"	304.801	12	1	0.0283	1	---	2.20462	1
3.175	1/8"	25.400	1"								