



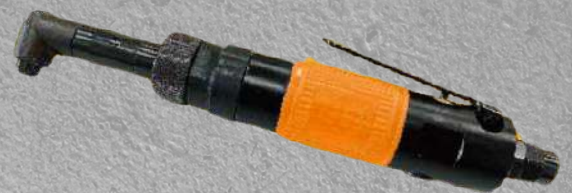
TP Power Tools

POWER TOOLS

PROFESSIONAL

**Aircraft, Automotive, Industrial
Pneumatic and Power Tools**

Air Impact Wrench, Air Die Grinder, Air Drills
& Screwdriver, Air Wrenches, Air Spray, Air
Flux Chippers and Hammers and more.



Precision | Performance



**High Power
High Torque**



**Precision
Torque**



**Tough
Professional**

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LANG**

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TP Power Tools

Product Range

Aircraft Tools

Includes air rivet guns, angle drills, air drills, grinders and sanders, air hydraulic riveters, pneumatic squeezers, and a full range of compatible accessories.

Industrial Applications

Features air impact wrenches, sanders, grinders, die grinders, water-fed abrasive tools, drills, screwdrivers, air hydraulic riveters, riveting nut tools, needle scalars, and push-start shut-off air screwdrivers — ideal for furniture, electronics, and on-site computer assembly.

Automotive Solutions

Offers oil-pulse tools for assembly applications, air impact wrenches, ratchets, sanders, polishers, grinders, die grinders, drills, and specialty tools such as air spot drills, body saws, cut-off tools, air knives, and air files — tailored for auto repair and body shops.

Tooling & Molding

Includes precision micro die grinders, air lappers, and air files — designed for high-detail, delicate work.

Construction & Marine

Provides air chipping hammers, air grinders, flux chippers, needle scalars, sand rammers, pavement breakers, air hydraulic riveters, and more — suited for heavy-duty and marine environments.

Auto Body Shop Solutions

Comprehensive offerings including spray guns, airbrushes, air tools for body work, shop equipment, pressure pots, undercoating guns, riveting tools, sandblasters, and safety equipment.

Electronic Assembly Line

Specialized air screwdrivers, both corded and cordless, engineered for high-efficiency electronic and precision assembly tasks.



Table Contents



	(Magnesium Aluminum Alloy) Composite Air Impact Wrenches	01-05		Wireless Torque Controllers & Transducers	36-39
	Air (Impact) Ratchet Wrenches	06-07		Air Body Saws	40
	Shut Off Air (Close End) Wrenches	08-09		Air Stamping Hammers	41
	Air Sanders, (Die) Grinders & Drills (Work With Robot)	10-11		Air Hammers , Needle Scalers & Flux Chippers	42-43
	Air Random Orbital Sanders & Angle Sanders	12-19		Family Looking Tools	44-45
	(Micro & Angle) Air Die Grinders	20-21		Spray Guns, Air Agitators, Air Blow Guns, Soda Blaster Guns, Grease Guns & Digital Tire Inflators	46-49
	Air Drills & Screwdrivers	22		Couplers & Plugs	50-51
	Aircraft Tools	23-29		Electric Staple Guns	52-53
	(Industrial Shut-Off) Air Screwdrivers	30-35			

GRADE



Semi-professional Quality



Professional Quality



Industrial Quality



(Magnesium Aluminum Alloy) Composite Air Impact Wrenches

3/8", 1/2", 3/4" & 1"

SA21084PM 3/8" Magnesium Aluminum Alloy Composite Impact Wrench

- Jumbo Hammer
- Handle Exhaust
- Working Torque:
400 ft-lb (542 Nm)
- Max. Torque:
500 ft-lb (678 Nm)



SA22212PM 1/2" Magnesium Aluminum Alloy Composite Impact Wrench

- Jumbo Hammer
- Handle Exhaust
- Working Torque:
450 ft-lb (610 Nm)
- Max. Torque:
600 ft-lb (814 Nm)



SA23130PM 3/4" SA23130PM-6 w/ 6" Anvil Magnesium Aluminum Alloy Composite Impact Wrench

- Twin Hammer
- Side Exhaust
- Working Torque: 1400 ft-lb (1898 Nm)
- Max. Torque: 1800 ft-lb (2441 Nm)



SA24151PM 1" SA24151PM-6 w/ 6" Anvil Magnesium Aluminum Alloy Composite Impact Wrench

- Twin Hammer
- Side Exhaust
- Working Torque: 1400 ft-lb (1898 Nm)
- Max. Torque: 1800 ft-lb (2441 Nm)



SA23131T 3/4" SA23131T-6 w/ 6" Anvil Composite Impact Wrench

- Twin Hammer
- Side Exhaust
- Working Torque: 1400 ft-lb (1898 Nm)
- Max. Torque: 1800 ft-lb (2441 Nm)



SA24152T 1" SA24152T-6 w/ 6" Anvil Composite Impact Wrench

- Twin Hammer
- Side Exhaust
- Working Torque: 1400 ft-lb (1898 Nm)
- Max. Torque: 1800 ft-lb (2441 Nm)



Model No.	Square Drive	Max. Torque		Free Speed	Air Cons.		Net Weight		Overall Length		Air Inlet	Air Pressure		Hose Size		Sound Pressure	Vibration Level
	四方頭	最大扭力		無負載轉速	耗氣量		重量		長度		進氣口	空氣壓力		氣管		噪音值	振動值
	Inch	ft-lb	N-m	R.P.M	CFM	L/min	lb	kg	Inch	mm	NPT(PT)	psi	bar	Inch	mm	dBA	m/s ²
SA21084PM	3/8	500	678	8,000	4.5	129	2.20	1.0	5.55	141	1/4	90	6.2	3/8	10	93.5	6.5
SA22212PM	1/2	600	814	10,000	4.5	129	2.20	1.0	5.55	141	1/4	90	6.2	3/8	10	93.5	6.5
SA23130PM	3/4	1,800	2,441	8,000	7.0	198	7.92	3.6	14.06	357	3/8	90	6.2	3/8	10	98.5	8.6
SA23130PM-6	3/4	1,800	2,441	8,000	7.0	198	9.24	4.2	20.47	520	3/8	90	6.2	3/8	10	98.5	8.6
SA24151PM	1	1,800	2,441	8,000	7.0	198	7.92	3.6	14.06	357	3/8	90	6.2	3/8	10	98.5	8.6
SA24151PM-6	1	1,800	2,441	8,000	7.0	198	9.24	4.2	20.47	520	3/8	90	6.2	3/8	10	98.5	8.6
SA23131T	3/4	1,800	2,441	8,000	7.0	198	9.04	4.1	14.21	361	3/8	90	6.2	3/8	10	98.5	8.6
SA23131T-6	3/4	1,800	2,441	8,000	7.0	198	10.34	4.7	20.24	514	3/8	90	6.2	3/8	10	98.5	8.6
SA24152T	1	1,800	2,441	8,000	7.0	198	9.04	4.1	14.21	361	3/8	90	6.2	3/8	10	98.5	8.6
SA24152T-6	1	1,800	2,441	8,000	7.0	198	10.34	4.7	20.24	514	3/8	90	6.2	3/8	10	98.5	8.6

(Composite) Air Impact Wrenches

3/8", 1/2", 3/4" & 1"

TP

SA21085J 3/8" SA22214J 1/2" Multi-Angle Impact Wrench

- Jumbo Hammer
- Forward 2 Torque Settings
- 360° Swiveling Head
- Swivel Range 45°
12 Steps Angle Rotation
- Working Torque:
100-230 ft-lb (136-312 Nm)



SA22213J 1/2" Stubby Impact Wrench

- Jumbo Hammer
- Handle Exhaust
- Sound Level: 97.5 dBA
- Vibration: 9.57 m/s²
- Working Torque:
450 ft-lb (610 Nm)
- Max. Torque:
900 ft-lb (1220 Nm)



SA22035PD 1/2" SA22035PD-2 w/ 2" Anvil Composite Impact Wrench w/ PSI Pressure

Patented design with a pressure display for pneumatic systems, capable of showing the current cylinder pressure status.



- High Pressure (<100 PSI)
- Standard Pressure (80-100 PSI)
- Low Pressure (>80 PSI)



Reverse: Full Speed
Forward: Two Speed



SA23129 3/4" SA23129-6 w/ 6" Anvil SA24150 1" SA24150-6 w/ 6" Anvil SA24150-8 w/ 8" Anvil Industrial Impact Wrench

- Twin Turbo
- Handle Exhaust
- Forward: 2 Speed
- Reverse: 1 Speed
- Bolt Capacity:
1-1/4"(32mm)
- Max. Torque:
1926 ft-lb(2600 Nm)



SA23128P 3/4" Composite Mini Impact Wrench

- Twin Turbo
- Handle Exhaust
- Forward: 2 Speed
- Reverse: 1 Speed
- Bolt Capacity: 1"(26mm)
- Max. Torque:
1000 ft-lb(1356 Nm)



SA24001 1" SA24001-6 w/ 6" Anvil Air Impact Wrench

- Twin Hammer
- Bolt Capacity: 38mm
- Sound Level: 97 dBA
- Vibration: 6.1 m/s²
- Max. Torque:
1800 ft-lb (2441 Nm)



Model No.	Square Drive	Max. Torque		Free Speed	Air Cons.		Net Weight		Overall Length		Air Inlet	Air Pressure		Hose Size	
	四方頭	最大扭矩		無負載轉速	耗氣量		重量		長度		進氣口	空氣壓力		氣管	
	Inch	ft-lb	N-m	R.P.M	CFM	L/min	lb	kg	Inch	mm	NPT(PT)	psi	bar	Inch	mm
SA21085J	3/8	405	550	8,500	4.3	122	3.09	1.40	9.72	247	1/4"	90	6.2	3/8	10
SA22214J	1/2	405	550	8,500	4.3	122	3.09	1.40	9.72	247	1/4"	90	6.2	3/8	10
SA22213J	1/2	900	1,220	11,000	4.5	129	2.64	1.20	4.37	111	1/4"	90	6.2	3/8	10
SA22035PD	1/2	1100	1491	8,500	7.1	202	4.19	1.90	7.16	182	1/4"	90	6.2	3/8	10
SA22035PD-2							4.34	1.97	8.82	224					
SA23129(-6)	3/4	1926	2600	4,500	8.3	235	13.01	5.90	9.45	240	1/2"	90	6.2	1/2	13
SA24150(-6)(-8)	1	1926	2600	4,500	8.3	235	13.01	5.90	9.45	240	1/2"	90	6.2	1/2	13
SA23128P	3/4	1000	1356	8,000	5.0	142	3.75	1.70	6.10	155	1/4"	90	6.2	3/8	10
SA24001(-6)	1	1800	2441	4,500	11.3	320	12.13	5.50	9.45	240	1/2"	90	6.2	3/8	10

(Composite) Air Impact Wrenches



3/8", 1/2", 3/4" & 1"

SA22204J

17mm Super Stubby Air Impact Wrench
w/ 3/8" & 1/2" Adaptor

- Jumbo Hammer
- Handle Exhaust
- Bolt Capacity: 5/8" (M16)
- Adapter Anvil of 3/8" & 1/2" Dr.
- Working Torque: 400 ft-lb (542 Nm)



SA22204JK

17mm Super Stubby
Air Impact Wrench Kit (16 PCS)

Contents:

- 1PC SA22204J
- 1PC 17H (3/8" Dr.) Head
- 1PC 17H (3/8" Dr.) x 3/8" Dr. Socket Adaptor
- 1PC 17H (3/8" Dr.) x 1/2" Dr. Socket Adaptor
- 11PCS 17H (3/8" Dr.) Super Short Socket (CR-V Material) 10,11,12,13,14, 15,16,17,19,21,22 mm
- 1PC Blow Molded Case



SA22217T

1/2"

Composite Air Impact Wrench

- Twin Hammer
- Handle Exhaust
- Forward & Reverse (3 Position for each side)
- One Hand Operation
- New Patent Forward & Reverse
- Working Torque: 650 ft-lb (881 Nm)



Use Thumb to Push Up



Use Forefinger to Push Back



SA22216TK1

1/2"

Composite Air Impact Wrench Kit (15 PCS)

Contents:

- 1PC SA22216T
- 4PCS Impact Socket (13,17, 19,21 mm)
- 2PCS Adaptor (3/8" & 1/2" Dr.)
- 2PCS Bit Holder (8, 10 mm)
- 2PCS Bit (Hex. H14 & Torx T60)
- 1PC Impact Extension Bar (14 mm)
- 1PC Oil Pot
- 1PC Replacement Pin
- 1PC Blow Molded Case



Anvil Changeable Design



Anvil Changeable 3/8" & 1/2" Dr.



Short Sockets



Extension Bar



Short Bits



Bit Holder

SA22203T

1/2"

Composite Air Impact Wrench

- Twin Hammer
- Handle Exhaust
- One Hand Operation For Forward & Reverse
- Forward & Reverse: 3 Position for each side
- Working Torque: 500 ft-lb (679 Nm)



SA2353PL

3/4"

SA2452PL

1"

Heavy Duty Impact Wrench

- Pin Less Hammer
- Bolt Capacity: 1-1/8" (30mm)
- Sound Level: 95.3 dBA
- Max. Torque @ 5sec: 1800/1900 ft-lb (2441/ 2577 Nm)



Model No.	Square Drive	Max. Torque		Free Speed	Air Cons.		Net Weight		Overall Length		Air Inlet	Air Pressure		Hose Size	
	四方頭	最大扭力		無負載轉速	耗氣量		重量		長度		進氣口	空氣壓力		氣管	
	Inch	ft-lb	N-m	R.P.M	CFM	L/min	lb	kg	Inch	mm	NPT(PT)	psi	bar	Inch	mm
SA22204J	1/2	600	813	9,000	4.00	113	2.98	1.35	3.38	86	1/4"	90	6.2	3/8	10
SA22217T	1/2	800	1085	8,500	5.48	155	4.50	2.20	6.26	159	1/4"	90	6.2	3/8	10
SA22216T	1/2	650	881	8,000	5.00	142	3.37	1.43	5.00	127	1/4"	90	6.2	3/8	10
SA22203T	1/2	650	881	8,000	5.00	142	3.15	1.43	5.00	127	1/4"	90	6.2	3/8	10
SA2353PL	3/4	1800	2441	7,500	21.1	600	9.48	4.30	8.27	210	3/8"	90	6.2	1/2	12.7
SA2452PL	1	1900	2577	7,500	21.1	600	9.48	4.30	8.39	213	3/8"	90	6.2	1/2	12.7

Air Impact Wrenches

TP

1/2" & 3/4"

Features:

- Handle Exhaust



- Jumbo Hammer



Patented injection hole design for easy to add the grease into the impact mechanism

SA22199J 1/2" ★ ★
SA22199JG w/ Injection Hole
SA22199JQ w/ Muffler
SA22199JGQ w/ Injection Hole & Muffler
Super Light Mini Air Impact Wrench

- Jumbo Hammer
- Bolt Capacity: 25mm
- Working Torque: 200-900 ft-lb (271-1220 Nm)
- One Piece Hammer Case & Housing



SA22200J 1/2" ★ ★
SA22200JG w/ Injection Hole
SA22200JQ w/ Muffler
SA22200JGQ w/ Injection Hole & Muffler
Super Light Mini Air Impact Wrench

- Jumbo Hammer
- Bolt Capacity: 25mm
- Working Torque: 200-900 ft-lb (271-1220 Nm)



SA23121J 3/4" ★ ★
SA23121JG w/ Injection Hole
SA23121JQ w/ Muffler
SA23121JGQ w/ Injection Hole & Muffler
Super Light Mini Air Impact Wrench

- Jumbo Hammer
- Bolt Capacity: 25mm
- Working Torque: 200-950 ft-lb (271-1288 Nm)
- One Piece Hammer Case & Housing



SA23122J 3/4" ★ ★
SA23122JG w/ Injection Hole
SA23122JQ w/ Muffler
SA23122JGQ w/ Injection Hole & Muffler
Super Light Mini Air Impact Wrench

- Jumbo Hammer
- Bolt Capacity: 25mm
- Working Torque: 200-950 ft-lb (271-1288 Nm)



SA22201J 1/2" ★ ★
Micro Mini Light Weight Air Impact Wrench

- Jumbo Hammer
- Handle Exhaust
- Bolt Capacity: 16mm
- Max. Torque: 500 ft-lb (678 Nm)



SA22202T 1/2" ★ ★
Micro Mini Light Weight Air Impact Wrench

- Twin Hammer
- Handle Exhaust
- Bolt Capacity: 16mm
- Max. Torque: 500 ft-lb (678 Nm)



Model No.	Square Drive	Max. Torque		Free Speed	Air Cons.		Net Weight		Overall Length		Air Inlet	Air Pressure		Hose Size		Sound Pressure	Vibration Level
	四方頭	最大扭力		無負載轉速	耗氣量		重量		長度		進氣口	空氣壓力		氣管		噪音值	振動值
	Inch	ft-lb	N-m	R.P.M	CFM	L/min	lb	kg	Inch	mm	NPT(PT)	psi	bar	Inch	mm	dBA	m/s ²
SA22199J(JG)	1/2	1100	1491	8,500	7	200	3.31	1.50	4.29	109	1/4"	90	6.2	3/8	10	94	2.8
SA22199JQ(JGQ)	1/2	1100	1491	6,500	7	200	3.31	1.50	4.29	109	1/4"	90	6.2	3/8	10	85	2.8
SA22200J(JG)	1/2	1200	1627	9,000	7	200	3.63	1.65	5.04	128	1/4"	90	6.2	3/8	10	94	2.8
SA22200JQ(JGQ)	1/2	1200	1627	7,000	7	200	3.63	1.65	5.04	128	1/4"	90	6.2	3/8	10	85	2.8
SA23121J(JG)	3/4	1100	1491	8,500	7	200	3.48	1.58	4.92	125	1/4"	90	6.2	3/8	10	94	2.8
SA23121JQ(JGQ)	3/4	1100	1491	6,500	7	200	3.48	1.58	4.92	125	1/4"	90	6.2	3/8	10	85	2.8
SA23122J(JG)	3/4	1200	1627	9,000	7	200	3.74	1.70	5.20	132	1/4"	90	6.2	3/8	10	94	2.8
SA23122JQ(JGQ)	3/4	1200	1627	7,000	7	200	3.74	1.70	5.20	132	1/4"	90	6.2	3/8	10	85	2.8
SA22201J	1/2	500	678	10,000	7	200	3.00	1.36	3.90	99	1/4"	90	6.2	3/8	10	94	2.8
SA22202T	1/2	500	678	11,000	7	200	3.12	1.42	4.25	108	1/4"	90	6.2	3/8	10	94	2.8



Composite & Aluminum Air Impact Wrenches

1/2", 3/4" & 1"

Triple Clutch Hammer

Features:

- High Torque
- Low Vibration 5.08 m/sec²
- Right & Left Hand Operated Option By User



SA22210P 1/2" Composite Mini Impact Wrench

★★

- Free Speed: 8,000 RPM
- Working Torque: 136-678 Nm (100-500 ft-lb)
- Busting Torque: 881 Nm(650 ft-lb)



SA23126P 3/4" Composite Mini Impact Wrench

★★

- Free Speed: 7,000 RPM
- Working Torque: 203-1288 Nm (150-950 ft-lb)
- Busting Torque: 2170 Nm(1600 ft-lb)



SA22211 1/2" Heavy Duty Air Impact Wrench

★★

- Free Speed: 7,000 RPM
- Working Torque: 203-1288 Nm (150-950 ft-lb)
- Busting Torque: 2237 Nm(1650 ft-lb)



SA23125 3/4" Heavy Duty Air Impact Wrench

★★

- Free Speed: 7,000 RPM
- Working Torque: 203-1424 Nm (150-1050 ft-lb)
- Busting Torque: 2373 Nm(1750 ft-lb)



SA23127 3/4" Industry Air Impact Wrench

★★★

- Free Speed: 5,200 RPM
- Working Torque: 1492 Nm (1100 ft-lb)
- Busting Torque: 2305 Nm(1700 ft-lb)



SA24149-2I 1" Inside Trigger SA24149-2O 1" Outside Trigger Industry Air Impact Wrench

★★★

- Free Speed: 4,000 RPM
- Working Torque: 3254 Nm (2400 ft-lb)



SA24149-9I 1" Inside Trigger SA24149-9O 1" Outside Trigger Industry Air Impact Wrench w/ 9" Anvil

★★★

- Free Speed: 4,000 RPM
- Working Torque: 2983 Nm (2200 ft-lb)



SA24144-9I 1" Inside Trigger SA24144-9O 1" Outside Trigger Industry Air Impact Wrench w/ 9" Anvil

★★★

- Free Speed: 4,500 RPM
- Working Torque: 1400 Nm (1898 ft-lb)



Model No.	Square Drive	Max. Torque		Free Speed	Air Cons.		Net Weight		Overall Length		Air Inlet	Air Pressure		Hose Size	
	四方頭	最大扭力		無負載轉速	耗氣量		重量		長度		進氣口	空氣壓力		氣管	
	Inch	ft-lb	N-m	R.P.M	CFM	L/min	lb	kg	Inch	mm	NPT(PT)	psi	bar	Inch	mm
SA22210P	1/2	550	746	8,000	4.20	119	3.51	1.59	5.24	133	1/4"	90	6.2	3/8	10
SA23126P	3/4	1100	1492	7,000	4.90	139	4.41	2.00	7.09	180	1/4"	90	6.2	3/8	10
SA22211	1/2	1150	1559	7,000	5.46	155	6.28	2.85	7.36	187	1/4"	90	6.2	3/8	10
SA23125	3/4	1250	1695	7,000	5.46	155	6.50	2.95	7.56	192	1/4"	90	6.2	3/8	10
SA23127	3/4	1300	1763	5,200	5.88	166	9.37	4.25	8.58	218	3/8"	90	6.2	3/8	10
SA24149-2O(I)	1	2800	3797	4,000	7.14	202	22.49	10.20	16.14	410	1/2"	90	6.2	1/2	13
SA24149-9O(I)	1	2600	3526	4,000	7.14	202	25.79	11.70	23.62	600	1/2"	90	6.2	1/2	13
SA24144-9O(I)	1	1600	2170	4,500	7.84	222	18.52	8.40	21.97	558	1/2"	90	6.2	3/8	10

Air (Impact) Ratchet Wrenches

1/4" , 3/8" & 1/2"



SA3160 3/8"
SA3075 1/4"

★★

**Mini Impact Ratchet Wrench
w/ Comfort Grip**

- Rear Exhaust
- Sound Pressure: 86/ 97dBA
- Vibration: 6.5 m/s²
- **Max. Torque: 40 ft-lb (54 Nm)**
- Maurer Clutch Mechanism
- Less Counterforce



SA3053 3/8"
SA3130 1/2"

★★

**Air Impact Ratchet Wrench
w/ Comfort Grip**

- Rear Exhaust
- **Max. Torque: 60 ft-lb (81 Nm)**
- Maurer Clutch Mechanism
- Less Counterforce



SA3142P 3/8"
SA3206P 1/2"

★★

**Heavy Duty Air Ratchet Wrench
w/ Comfort Grip**

- Rear Exhaust
- **Max Torque: 130 ft-lb (176 Nm)**
- Full Cage Gear



SA3033P 1/4"
SA3034P 3/8"

★★

**Mini Ratchet Wrench
w/ Comfort Grip (Close Captured)**

- Rear Exhaust
- **Max Torque: 20 ft-lb (27 Nm)**



SA3077 1/4"
SA3183 3/8"

★★

Adjustable Super Duty Air Ratchet Wrench

- Rear Exhaust
- **Max. Torque: 20 ft-lb (27 Nm) for SA3077
40 ft-lb (54 Nm) for SA3183**
- 3 Stage Adjustable Angle Mechanism
(0°/ +40°/ -40°)



**Patent Pending
For Multi-Countries**

SA3054P 1/4"
SA3143P 3/8"

★★

**Heavy Duty Air Ratchet Wrench
w/ Comfort Grip**

- Rear Exhaust
- **Max Torque: 40 ft-lb (54 Nm)**
- Full Cage Gear



Model No.	Square Drive	Max. Torque		Free Speed	Air Cons.		Net Weight		Overall Length		Air Inlet	Air Pressure		Hose Size	
	四方頭	最大扭矩		無負載轉速	耗氣量		重量		長度		進氣口	空氣壓力		氣管	
	Inch	ft-lb	N-m	R.P.M	CFM	L/min	lb	kg	Inch	mm	NPT(PT)	psi	bar	Inch	mm
SA3160	3/8	40	54	550	2.40	67	1.50	0.65	6.30	160	1/4"	90	6.2	3/8	10
SA3075	1/4														
SA3053	3/8	60	81	250	4.06	115	3.15	1.43	11.42	290	1/4"	90	6.2	3/8	10
SA3130	1/2														
SA3142P	3/8	130	176	180	4.50	127	3.39	1.54	12.45	317	1/4"	90	6.2	3/8	10
SA3206P	1/2														
SA3033P	1/4	20	27	300	2.24	63	1.10	0.50	5.24	133	1/4"	90	6.2	3/8	10
SA3034P	3/8														
SA3054P	1/4	40	54	270	3.08	87	1.38	0.63	8.27	210	1/4"	90	6.2	3/8	10
SA3143P	3/8														
SA3077	1/4	20	27	250	2.8	79	1.87	0.85	8.50	216	1/4"	90	6.2	3/8	10
SA3183	3/8	40	54	270											

1/4" & 3/8"

SA3074 1/4"
SA3182 3/8"
Mini Air Ratchet Wrench



- Rear Exhaust
- Free Speed: 300 RPM
- Max Torque: 45 ft-lb (61 Nm)
- Sound Level: 89 dBA
- Vibration Level: 3.2 m/s²



Pro-Long
Life Time
PAWL-PIN

SA3074-3L 1/4"
SA3182-3L 3/8"
3" Extended Mini Air Ratchet Wrench



SA3074-5L 1/4"
SA3182-5L 3/8"
5" Extended Mini Air Ratchet Wrench



SA3719 1/4"
Installation Reversible Ratchet Wrench



- Handle Exhaust
- w/o Handi-Hex Key or Installation Socket or Collar Removal Socket
- Max Torque: 25 ft-lb (34 Nm)



Reversible

SA3902K 0.3HP
5 in 1 Air Tool Kit (25 pcs)



Contents:

- 1PC Air Tool (SA3902-HS) 25,000 RPM
- 1PC 1/4" or 6mm Die Grinder Adapter (SA3902-DG)
- 1PC 1/4" or 6mm Angle Die Grinder Adapter (SA3902-ADG)
- 1PC 3" Angle Grinder Adapter (SA3902-AG)
- 1PC 1/4" or 6mm Drill Adapter (SA3902-D)
- 1PC 3/8" & 1/4" Hex. Ratchet Wrench Adapter (SA3902-RSD) w/ 10 pcs Bit Set (SA3902-RSD-BIT)
- 1PC 3mm Collet Adapter (SA3902-3CA)
- 4PCS Wrench
- 1PC Key Wrench
- 1PC Mini Oiler (SA3902-AF)
- 1PC Coupler (SA3902-NC)
- 10PCS Bit Set Contents (SA3902-RSD-BIT)
- 1PC Blow Molded Case (BM-3902)

SA3902-DG 6mm



SA3902-ADG 6mm



SA3902-AG 3"



SA3902-HS



SA3902-D 1/4"



SA3902-RSD 3/8" & 1/4" Hex
w/10 pcs Bit Set (SA3902-RSD-BIT)



Optional Adapter

(For SA3902-HS)



SA3902-AOS 2"
(18,000 RPM)



SA3902-AP 2"
(4,500 RPM)



SA3902-ADS 2"
(18,000 RPM)



SA3902-RW
3/8" or 1/4"
(300 RPM)



SA3902-MRW
w/ 1/4", 3/8", 1/2" & 1/4"
Bit's Holder (400 RPM)



SA3902-AD 1/4"
(4500 RPM)



SA3902-SF
Cutting Cap.5mm
(4500 RPM)

Model No.	Square Drive	Max. Torque		Free Speed	Air Cons.		Net Weight		Overall Length		Air Inlet	Air Pressure		Hose Size	
	四方頭	最大扭力		無負載轉速	耗氣量		重量		長度		進氣口	空氣壓力		氣管	
	Inch	ft-lb	N-m	R.P.M	CFM	L/min	lb	kg	Inch	mm	NPT(PT)	psi	bar	Inch	mm
SA3074	1/4	45	61	300	3.00	85	1.24	0.56	7.01	178	1/4"	90	6.2	3/8	10
SA3182	3/8														
SA3074-3L	1/4	45	61	300	3.00	85	1.46	0.66	8.58	218	1/4"	90	6.2	3/8	10
SA3182-3L	3/8														
SA3074-5L	1/4	45	61	300	3.00	85	1.79	0.81	10.83	275	1/4"	90	6.2	3/8	10
SA3182-5L	3/8														
SA3719	1/4	25	34	200	2.5	70.75	1.39	0.63	7.68	195	1/4"	90	6.2	3/8	10

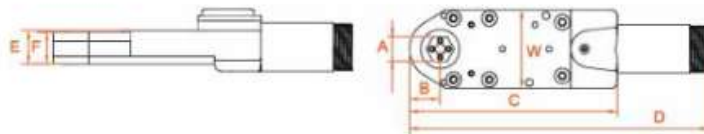
Model No.	Collet / Chuck / Wheel Size / Square Drive		Horse Power		Free Speed	Air Cons.		Net Weight w/o Adapter		Overall Length w/o Adapter		Air Inlet	Air Pressure		Hose Size		Sound Pressure	Vibration Level
	夾頭/砂輪尺寸/四方頭		馬力		無負載轉速	耗氣量		重量		長度		進氣口	空氣壓力		氣管		噪音值	振動值
	Inch	mm	Hp	W	R.P.M	CFM	L/min	lb	kg	Inch	mm	NPT(PT)	psi	bar	Inch	mm	dBA	m/s ²
SA3902-DG	1/4	6	0.3	224	5,500	3	85	0.93	0.42	5.43	138	1/4"	90	6.2	3/8	10	81.5	<2.5
SA3902-ADG	1/4	6	0.3	224	18,000	3	85	0.93	0.42	5.43	138	1/4"	90	6.2	3/8	10	81.5	<2.5
SA3902-AG	3	75	0.3	224	18,000	3	85	0.93	0.42	5.43	138	1/4"	90	6.2	3/8	10	81.5	<2.5
SA3902-D	1/4	6	0.3	224	5,500	3	85	0.93	0.42	5.43	138	1/4"	90	6.2	3/8	10	81.5	<2.5
SA3902-RSD	3/8, 1/4 Hex.		0.3	224	300	3	85	0.93	0.42	5.43	138	1/4"	90	6.2	3/8	10	81.5	<2.5

Shut Off Air Close End Wrenches



SA-CWF10-13 ★★

Shut Off Air Close End Wrenches



Model No.	Torque Range	Free Speed	Socket Size	Head Size (W)	Net Weight	Dimensions					
	扭力範圍	無負載轉速	套筒尺寸	閉口外座尺寸	重量	A	B	C	D	E	F
	Nm	R.P.M	mm	mm	kg	mm	mm	mm	mm	mm	mm
SA-CWF10-13	7 - 24	170	13	42	2.1	13.1	16.5	112	160.8	18	17

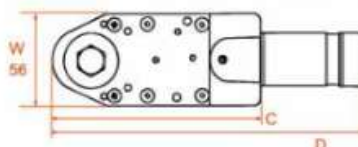
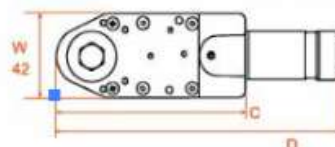
SA-CW Series ★★

Shut Off Air Close End Wrenches



SA-CW08-6-12 & SA-CW10-6-12

SA-CW14-13-14 & SA-CW22-15-22



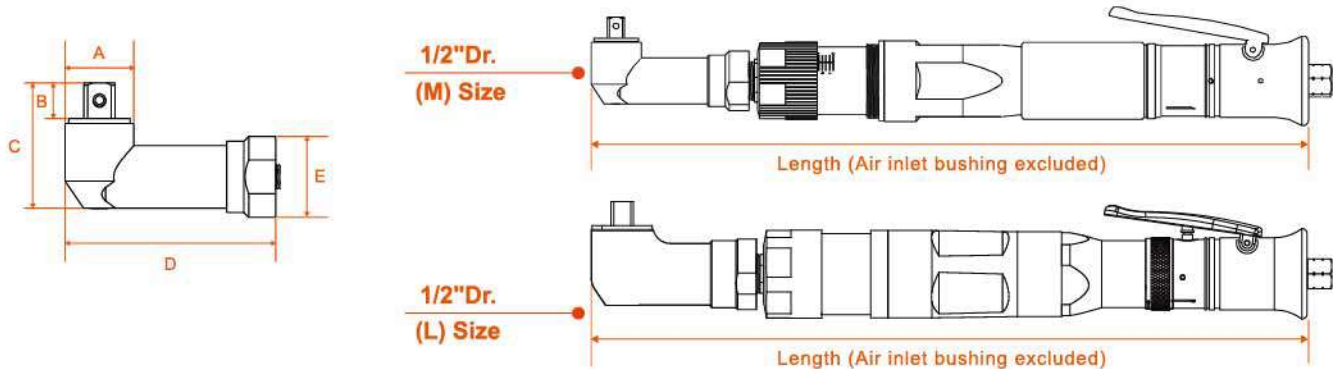
Optional Gear Socket Size (mm)

Model No.	Socket Size(G)		Head Size (W)
	inch	mm	mm
SA-CW42-6	1/4	6	42
SA-CW42-8	5/16	8	
SA-CW42-9	3/8	9	
SA-CW42-10	3/8	10	
SA-CW42-11	7/16	11	
SA-CW42-12	1/2	12	
SA-CW56-13	1/2	13	56
SA-CW56-14	9/16	14	
SA-CW56-15	9/16	15	
SA-CW56-17	11/16	17	
SA-CW56-19	3/4	19	
SA-CW56-21	13/16	21	
SA-CW56-22	7/8	22	

Model No.	Torque Range	Free Speed	Socket Size(G)	Head Size (W)	Net Weight	Dimensions	
	扭力範圍	無負載轉速	套筒尺寸	閉口外座尺寸	重量	C	D
	Nm	R.P.M	mm	mm	kg	mm	mm
SA-CW08-6	3.0 - 8.0	230	6	42	2.0	112.88	172.59
SA-CW08-8			8				
SA-CW08-9			9				
SA-CW08-10			10				
SA-CW08-11			11				
SA-CW08-12			12				
SA-CW10-6	5.0 - 17	230	6	42	2.0	112.88	172.59
SA-CW10-8			8				
SA-CW10-9			9				
SA-CW10-10			10				
SA-CW10-11			11				
SA-CW10-12			12				
SA-CW14-13	5.0 - 17	230	13	56	2.2	123.16	177.02
SA-CW14-14			14				
SA-CW22-15	7.0 - 24	170	15	56	2.2	123.16	177.02
SA-CW22-17			17				
SA-CW22-19			19				
SA-CW22-21			21				
SA-CW22-22			22				

High Torque Auto Shut-Off Air Wrenches (Angle Type)

- Suitable for high precision industry, high torque accuracy.
- Maximum torque reaches 120 Nm.
- The forward and reverse switch design allows the tool to easily lock and remove screws.
- The elongated ergonomic design makes it easier for the operator to hold and reduces reaction force.
- 90-degree angle design allows operation in narrow spaces.
- Specification of bit: □3/8" SQ □1/2" SQ. (The standard specification of **SA-73000** is 1/2" SQ, which can be changed to 3/8" SQ)
- Machine capability index > 1.67±10% @ according to ISO5393. • Standard Deviation: ±3%.
- The tool will automatically stop when it is locked to the set torque value.
- Externally adjustable torque adjustment ring makes it easy to adjust the torque.
- Tool performance testing and certification according to VDI/ VDE 2647.



SA-ABSF Series (General Type)

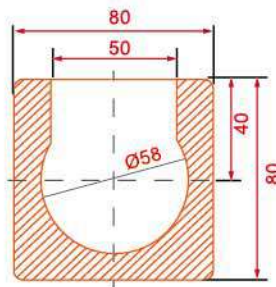
Model No.	Square Drive	Torque Range	Free Speed	Horse Size	Air Pressure	Air Cons.	Noise Level	Length	Net Weight	Dimensions					External Size
	四方頭	扭力範圍	無負載轉速	氣管	氣壓	耗氣量	噪音值	長度	重量	A	B	C	D	E	
	Inch	Nm	R.P.M	mm	kg/cm ²	L/s	dBa	mm	kg	mm	mm	mm	mm	mm	
SA-71500ABSF	3/8	6-18	700	8	6	9	78	359	1.6	28	12	48	86	33	S
SA-72000ABSF	3/8	10-25	430	8	6	9	78	359	1.6	28	12	48	86	33	
SA-72500ABSF	3/8	12-28	350	8	6	9	78	359	1.7	28	12	48	86	33	
SA-73000ABSF	1/2	10-40	250	8	6	11	82	400	2.3	28	15	51	89	33	M
SA-74000ABSF	1/2	35-60	180	10	6	11	82	400	2.3	28	15	51	89	33	
SA-74500ABSF	1/2	35-70	130	10	6	11	82	405	2.6	35	14	58	94	40	L
SA-75000ABSF	1/2	40-120	100	13	6	11	82	405	2.6	35	14	58	94	40	

SA-ABSL Series (Extended Type)

Model No.	Square Drive	Torque Range	Free Speed	Horse Size	Air Pressure	Air Cons.	Noise Level	Length	Net Weight	Dimensions					External Size
	四方頭	扭力範圍	無負載轉速	氣管	氣壓	耗氣量	噪音值	長度	重量	A	B	C	D	E	
	Inch	Nm	R.P.M	mm	kg/cm ²	L/s	dBa	mm	kg	mm	mm	mm	mm	mm	
SA-71500ABSL	3/8	6-18	700	8	6	9	78	458	1.8	28	12	48	86	33	S
SA-72000ABSL	3/8	10-25	430	8	6	9	78	458	1.8	28	12	48	86	33	
SA-72500ABSL	3/8	12-28	350	8	6	9	78	458	1.8	28	12	48	86	33	
SA-73000ABSL	1/2	10-40	250	8	6	11	82	501	2.4	28	15	51	89	33	M
SA-74000ABSL	1/2	35-60	180	10	6	11	82	501	2.4	28	15	51	89	33	
SA-74500ABSL	1/2	35-70	130	10	6	11	82	505	3.3	35	14	58	94	40	L
SA-75000ABSL	1/2	40-120	100	13	6	11	82	505	3.3	35	14	58	94	40	



The area of slash could be drilled and tapped



SA45027-3 3"

**Air Vertical Sander
(Work With Robot)**

- w/o 3" Pad
- Free Speed: 12,000 RPM
- Size: 100x 80x 142 mm
- Hose Size: 5 x 8 mm
- Spindle Thread: 5/16"-24 UNF
- Sound Pressure: 83 dBA



SA45028C-5 5" (125mm)

**Central-Vacuum Air Random Orbit Sander
(Work With Robot)**

- w/o 5" Pad
- Free Speed: 12,000 RPM
- Orbit Dia.: 2.5 mm
- Size: 259x 108x 83 mm
- Hose Size: 5x8 mm
- Sound Pressure: 85 dBA



SA45028S-6 6" (150mm)

**Self-Generated Vacuum Air Random Orbit Sander
(Work With Robot)**

- w/o 6" Pad
- Free Speed: 12,000 RPM
- Orbit Dia.: 2.5 mm
- Size: 259x 108x 83 mm
- Hose Size: 5x8 mm
- Sound Pressure: 85 dBA



SA59001 7" (178mm)

**Air Vertical Grinder
(Work With Robot)**

- w/o Grinding Wheel
- Free Speed: 7,500 RPM
- Size: 205x155x185 mm
- Hose Size: 6.5x10 mm
- Spindle Thread: 5/8"-11
- Sound Pressure: 92 dBA



SA59002 9" (229mm)

**Air Vertical Grinder
(Work With Robot)**

- w/o Grinding Wheel
- Free Speed: 5,500 RPM
- Size: 265x190x195 mm
- Hose Size: 6.5x10 mm
- Spindle Thread: 5/8"-11
- Sound Pressure: 86 dBA



Model No.	Pad/ Wheel Size	Free Speed	Net Weight		Measurement (mm)		Air Inlet	Air Pressure		Air Cons.		Hose Size	Vibration
	底盤/ 砂帶尺寸	無負載轉速	重量		測量尺寸		進氣口	空氣壓力		耗氣量		氣管	振動值
	Inch	RPM	lb	kg	H	L	NPT(PT)	psi	bar	CFM	L/min	mm	m/sec ²
SA45027-3	3	12,000	1.70	0.77	80	142	8mm	90	6.2	19	540	5 x 8	<2.5
SA45028C-5	5	12,000	2.64	1.20	108	83	1/4"	90	6.2	16	450	5 x 8	<2.5
SA45028S-6	6	12,000	3.24	1.47	108	83	1/4"	90	6.2	16	450	5 x 8	<2.5
SA59001	7	7,500	11.29	5.12	155	185	1/4"	90	6.2	25	710	6.5 x 10	<2.5
SA59002	9	5,500	14.48	6.57	190	195	1/4"	90	6.2	35	990	6.5 x 10	<2.5

Air Die Grinders & Drills (Work With Robot)

SA59003D-3M 3mm SA59003D-6M 6mm

Air Die Grinder (Work With Robot)

- Collect Quick Release Type
- Collect Size: 3 (6mm)
- Free Speed: 12,000 RPM
- Size: 100x 80x 162 mm
- Hose Size: 5 x 8 mm
- Sound Pressure: 83 dBA



SA59004D-6M 3mm

Air Die Grinder (Work With Robot)

- Collect Size: 6 mm
- Free Speed: 12,000 RPM
- Size: 100x 80x 157 mm
- Hose Size: 5 x 8 mm
- Sound Pressure: 83 dBA



SA60001 3/8"

Air Straight Drill (Work With Robot)

- Chuck Size: 3/8"
- Free Speed: 12,000 RPM
- Size: 100x 80x 195 mm
- Hose Size: 5x8 mm
- Sound Pressure: 83 dBA



SA60002 3/8"

Air Straight Drill (Work With Robot)

- Chuck Size: 3/8"
- Free Speed: 2,200 RPM
- Size: 100x 80x 195 mm
- Hose Size: 5x8 mm
- Sound Pressure: 83 dBA



SA60003 1/2"

Air Straight Drill (Work With Robot)

- Chuck Size: 1/2"
- Free Speed: 800 RPM
- Size: 100x 80x 195 mm
- Hose Size: 5x8 mm
- Sound Pressure: 83 dBA



Model No.	Chuck / Collect Size	Free Speed	Net Weight		Measurement (mm)		Air Inlet	Air Pressure		Air Cons.		Hose Size	Vibration
	夾頭尺寸	無負載轉速	重量		測量尺寸		進氣口	空氣壓力		耗氣量		氣管	振動值
	Inch	RPM	lb	kg	H	L	NPT(PT)	psi	bar	CFM	L/min	mm	m/sec ²
SA59003D-3(6)M	3(6)mm	12,000	1.74	0.79	80	162	8mm	90	6.2	19	540	5 x 8	<2.5
SA59004D-6M	6mm	12,000	1.74	0.79	80	157	8mm	90	6.2	19	540	5 x 8	<2.5
SA60001	3/8	12,000	2.07	0.94	80	195	1/4"	90	6.2	22	620	5 x 8	<2.5
SA60002	3/8	2,200	2.53	1.15	80	195	8mm	90	6.2	22	620	5 x 8	<2.5
SA60003	1/2	800	2.07	0.94	80	195	8mm	90	6.2	22	620	5 x 8	<2.5

Features:

- Non-Vacuum



- Self Generated Vacuum w/ Dust Bag & Dust Hose



- Safety Level



SA40011N-H(V)1 1" PAD Non-Vac Air Random Orbital Sander

- Free Speed: 11,000 RPM
- Sound Pressure: 80 dBA
- Orbit Dia.: 2.5mm (3/32")
- H: Hook Face Pad
- V: Vinyl Face Pad



Non-Vacuum

★ ★

SA40011N-H(V)3(S) 3" PAD Non-Vac SA40011C-H(V)3(S) 3" PAD Central Vac SA40011S-H(V)3(S) 3" PAD Self-Vac Air Random Orbital Sander

- Free Speed: 11,000 RPM
- Sound Pressure: 80 dBA
- Orbit Dia.: 2.5mm (3/32")
- H: Hook Face Pad
- V: Vinyl Face Pad
- S: Safety Level



Central-Vacuum

★ ★

SA40011N-H(V)5(S) 5" PAD Non-Vac SA40011C-H(V)5(S) 5" PAD Central Vac SA40011S-H(V)5(S) 5" PAD Self-Vac Air Random Orbital Sander

- Free Speed: 11,000 RPM
- Sound Pressure: 80 dBA
- Orbit Dia.: 5mm (3/16")
- H: Hook Face Pad
- V: Vinyl Face Pad
- S: Safety Level

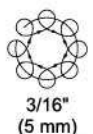


Central-Vacuum

★ ★

SA40011N-H(V)6(S) 6" PAD Non-Vac SA40011C-H(V)6(S) 6" PAD Central Vac SA40011S-H(V)6(S) 6" PAD Self-Vac Air Random Orbital Sander

- Free Speed: 11,000 RPM
- Sound Pressure: 80 dBA
- Orbit Dia.: 5mm (3/16")
- H: Hook Face Pad
- V: Vinyl Face Pad
- S: Safety Level



Central-Vacuum

★ ★

Model No.	Pad Size		Orbit Dia.		Free Speed	Vac. Mode	Air Cons.		Air Inlet	Air Pressure		Net Weight		Hose Size	
	底盤尺寸		偏擺直徑		無負載轉速	吸塵方式	耗氣量		進氣口	空氣壓力		重量		氣管	
	Inch	mm	Inch	mm	R.P.M	-	CFM	L/min	NPT(PT)	psi	bar	lb	kg	Inch	mm
SA40011N-H(V)1	1	25	3/32	2.5	11,000	Non-vac	1.6	45	1/4"	90	6.2	1.3	0.6	3/8	10
SA40011N-H(V)3(S)	3	75	3/32	2.5	11,000	Non-vac	1.6	45	1/4"	90	6.2	1.3	0.6	3/8	10
SA40011C-H(V)3(S)						Central vac									
SA40011S-H(V)3(S)						Self vac									
SA40011N-H(V)5(S)	5	125	3/16	5	11,000	Non-vac	1.6	45	1/4"	90	6.2	2.0	0.9	3/8	10
SA40011C-H(V)5(S)						Central vac									
SA40011S-H(V)5(S)						Self vac									
SA40011N-H(V)6(S)	6	150	3/16	5	11,000	Non-vac	1.6	45	1/4"	90	6.2	2.0	0.9	3/8	10
SA40011C-H(V)6(S)						Central vac									
SA40011S-H(V)6(S)						Self vac									

Air Random Orbital Sanders

SA4057N-H5
SA4057C-H5
SA4093S-H5

Non-Vac
Central Vac
Self-Vac

5" Air Random Orbit Sander
(12,000 RPM/ 2.5 or 5mm Orbit)

Optional



SA4057N-H6
SA4057C-H6
SA4093S-H6

Non-Vac
Central Vac
Self-Vac

6" Air Random Orbit Sander
(12,000 RPM/ 2.5 or 5mm Orbit)

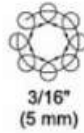


SA4077
SA4078

Central Vac
Self-Vac

**6" Air Random Orbit Sander-
Dual Suction Shroud**
(12,000 RPM/ 2.5 or 5mm Orbit)

Optional



SA4703N(-5)
SA4703C(-5)
SA4703S(-5)

(5") 6" Non-Vac
(5") 6" Central Vac
(5") 6" Self-Vac

2 Hand Air Random Orbit Sander
(10,000 RPM/ 5mm Orbit)



SA40008N(C)(S)
SA40007N(C)(S)
SA4098N(C)(S)

5" Pad
6" Pad
8" Pad

2 Hand Gear-Driven Sander
(900 RPM)

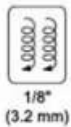
- N: Non-Vacuum
- C: Central Vacuum
- S: Self-Vacuum



SA4082
SA4082S
SA4082C
SA4082SG

Non-Vac
w/ Clip Type
Central Vac
Self-Vac

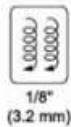
75x100mm Jitterbug Sander
(10,000 RPM/ 3.2mm Orbit)



SA4081N
SA4081NS
SA4081C
SA4081S

Non-Vac
w/ Clip Type
Central Vac
Self-Vac

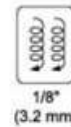
100x180mm Jitterbug Sander
(8,500 RPM/ 3.2mm Orbit)



SA4084
SA4084C
SA4084S

Non-Vac
Central Vac
Self-Vac

100x75mm Tri Sander
(10,000 RPM/ 3.2mm Orbit)



All Model No. For **Hook Face Pad**. (**Vinyl Pad** For Optional)

Model No.	Pad Size		Orbit Dia.		Free Speed	Vac. Mode	Air Cons.		Air Inlet	Air Pressure		Net Weight		Hose Size	
	底盤尺寸		偏擺直徑		無負載轉速		耗氣量		進氣口	空氣壓力		重量		氣管	
	Inch	mm	Inch	mm	R.P.M		CFM	L/min	NPT(PT)	psi	bar	lb	kg	Inch	mm
SA4057N-H5(H6)	5 (6)	125 (150)	3/16	5	12,000	Non-Vac	3	85	1/4"	90	6.2	2.00	0.90	3/8	10
SA4057C-H5(H6)						Central-Vac									
SA4093S-H5(H6)						Self-Vac									
SA4077	6	150	3/16	5	12,000	Central-Vac	3	85	1/4"	90	6.2	2.00	0.90	3/8	10
SA4078						Self-Vac									
SA4703N(-5)	(5) 6	(125) 150	3/16	5	10,000	Non-Vac	3	85	1/4"	90	6.2	2.60	1.20	3/8	10
SA4703C(-5)						Central-Vac									
SA4703S(-5)						Self-Vac									
SA40008(7)N	5 (6)	125 (150)	3/16	5	900	Non-Vac	3	85	1/4"	90	6.2	3.00	1.36	3/8	10
SA40008(7)C						Central-Vac									
SA40008(7)S						Self-Vac									
SA4098N	8	200	3/16	5	900	Non-Vac	3	85	1/4"	90	6.2	3.50	1.59	3/8	10
SA4098C						Central-Vac									
SA4098S						Self-Vac									
SA4082(S)	3x4	75x100	1/8	3.2	10,000	Non-Vac	2	57	1/4"	90	6.2	1.50	0.70	3/8	10
SA4082C						Central-Vac									
SA4082SG						Self-Vac									
SA4081N(S)	4x7	100x180	1/8	3.2	8,500	Non-Vac	3	85	1/4"	90	6.2	2.60	1.20	3/8	10
SA4081C						Central-Vac									
SA4081S						Self-Vac									
SA4084	4x3	100x75	1/8	3.2	10,000	Non-Vac	2	57	1/4"	90	6.2	1.50	0.70	3/8	10
SA4084C						Central-Vac									
SA4084S						Self-Vac									

Air Random Orbital Sanders

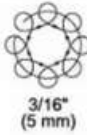
SA42004S25-5H 5" w/ 2.5mm Orbit Dia
SA42004S50-5H 5" w/ 5.0mm Orbit Dia
SA42004S25-6H 6" w/ 2.5mm Orbit Dia
SA42004S50-6H 6" w/ 5.0mm Orbit Dia

Oil Free Self-Generated Vacuum Random Orbital Sander

- Free Speed: 10,000 RPM
 - Sound Level: 83/ 80.3 dBA
 - Vibration: 5.9 m/sec²
- w/ Dust Bag & Dust Hose



★★



SA42004N25-5H 5" w/ 2.5mm Orbit Dia
SA42004N50-5H 5" w/ 5.0mm Orbit Dia
SA42004N25-6H 6" w/ 2.5mm Orbit Dia
SA42004N50-6H 6" w/ 5.0mm Orbit Dia

Oil Free Non Vacuum Random Orbital Sander

- Free Speed: 10,000 RPM
- Sound Level: 81/ 81.3 dBA
- Vibration: 5.7 m/sec²



★★



SA42004C25-5H 5" w/ 2.5mm Orbit Dia
SA42004C50-5H 5" w/ 5.0mm Orbit Dia
SA42004C25-6H 6" w/ 2.5mm Orbit Dia
SA42004C50-6H 6" w/ 5.0mm Orbit Dia

Oil Free Central Vacuum Random Orbital Sander

- Free Speed: 10,000 RPM
- Sound Level: 83/ 80.3 dBA
- Vibration: 5.9 m/sec²



★★



SA40013C50-6H 6" w/ 5.0mm Orbit Dia
SA40013C25-6H 6" w/ 2.5mm Orbit Dia
Central-Vacuum Random Orbital Sander w/ Hook Face Pad

- Free Speed: 10,000 RPM
- Automatic Brake Function
- Powerful Suctions System



★★



SA40013S50-6H 6" w/ 5.0mm Orbit Dia
SA40013S25-6H 6" w/ 2.5mm Orbit Dia
Self-Generated Vacuum Random Orbital Sander w/ Hook Face Pad

- Free Speed: 10,000 RPM
- Automatic Brake Function
- Powerful Suctions System



w/ Dust Bag & Dust Hose



★★



SA43004N w/ Hook Face Pad
SA43004N-C1 w/ 2PCS Clip (Straight & Angle Type)
98 x 400 mm Non-Vacuum Double Action Air Sander

- Free Speed: 5,000 RPM
- Orbit Dia.: 3/16" (5mm)



★★

Model No.	Pad Size		Orbit Dia.		Free Speed	Vac.Mode	Air Cons.		Air Inlet	Air Pressure		Net Weight		Hose Size		Noise Level
	底盤尺寸		偏擺直徑		無負載轉速	吸塵方式	耗氣量		進氣口	空氣壓力		重量		氣管		噪音值
	Inch	mm	Inch	mm	R.P.M	-	CFM	L/min	NPT(PT)	psi	bar	lb	kg	Inch	mm	dB(A)
SA42004S25-5H	5	125	3/32	2.5	10,000	Saft-Vac	3.1	88	1/4"	90	6.2	1.98	0.9	3/8	10	83.0
SA42004S25-6H	6	150														
SA42004S50-5H	5	125	3/16	5.0	10,000	Saft-Vac	3.1	88	1/4"	90	6.2	1.98	0.9	3/8	10	80.3
SA42004S50-6H	6	150														
SA42004N25-5H	5	125	3/32	2.5	10,000	Non-Vac	3.1	88	1/4"	90	6.2	1.98	0.9	3/8	10	81.0
SA42004N25-6H	6	150														
SA42004N50-5H	5	125	3/16	5.0	10,000	Non-Vac	3.1	88	1/4"	90	6.2	1.98	0.9	3/8	10	81.3
SA42004N50-6H	6	150														
SA42004C25-5H	5	125	3/32	2.5	10,000	Central-Vac	3.1	88	1/4"	90	6.2	1.98	0.9	3/8	10	83.0
SA42004C25-6H	6	150														
SA42004C50-5H	5	125	3/16	5.0	10,000	Central-Vac	3.1	88	1/4"	90	6.2	1.98	0.9	3/8	10	80.3
SA42004C50-6H	6	150														
SA40013C50-6H	6	150	3/16	5.0	10,000	Central vac	5	142	1/4"	90	6.2	2.10	0.95	3/8	10	-
SA40013C25-6H	6	150	3/32	2.5												
SA40013S50-6H	6	150	3/16	5.0	10,000	Self vac	5	142	1/4"	90	6.2	2.10	0.95	3/8	10	-
SA40013S25-6H	6	150	3/32	2.5												
SA43004N(C1)	3.9x15.8	98x400	3/16	5.0	5,000	Non-Vac	14	400	1/4"	73-102	5-7	5.51	2.50	3/8	10	-

Air Random Orbital Sanders & Air Belt Sanders

SA41016C 70 x 208mm ★★ Central Vacuum Gear-Driven Sander

- Free Speed: 2,400 RPM
- Noise Level : 93.5 dBA
- Orbit Dia.: 10mm (3/8")
- Length: 208 mm (8.19")
- Width: 81.8 mm (3.22")
- Height: 122.4 mm (4.82")
- Horse Power: 0.3 HP (224W)



SA41016CL 70 x 278mm ★★ Central Vacuum Gear-Driven Sander

- Free Speed: 2,400 RPM
- Noise Level : 92.3 dBA
- Orbit Dia.: 10mm (3/8")
- Length: 278 mm (10.94")
- Width: 81.8 mm (3.22")
- Height: 122.4 mm (4.82")
- Horse Power: 0.3 HP (224W)



SA41016CXL 70 x 400mm ★★ Central Vacuum Gear-Driven Sander

- Free Speed: 2,400 RPM
- Noise Level : 93.4 dBA
- Orbit Dia.: 10mm (3/8")
- Length: 400 mm (15.75")
- Width: 81.8 mm (3.22")
- Height: 122.4 mm (4.82")
- Horse Power: 0.3 HP (224W)



SA4505G 100x60mm ★★ Mini Multi Sander

- Free Speed: 6,500 RPM
- Belt Size: 100x60x40mm
- Noise Level: 83.7 dBA



SA49122L 13x457mm Iron Pulley SA49122RL 13x457mm Rubber Pulley Composite Air Belt Sander w/ 2pcs Belts (#80, #100)

- Free Speed: 18,000 RPM
- Motor HP: 0.6 HP
- Rear Exhaust
- Quick Change Belt Guard Can Be At Any Angle.

Quick Change
Belt Guard Any Angle



SA49123L 10x330mm Iron Pulley SA49123RL 10x330mm Rubber Pulley Composite Air Belt Sander w/ 3pcs Belts (#80, #100, #120)



Model No.	Pad Size		Orbit Dia.		Free Speed	Vac. Mode	Air Cons.		Air Inlet	Air Pressure		Net Weight		Hose Size	
	底盤尺寸		偏擺直徑		無負載轉速	吸塵方式	耗氣量		進氣口	空氣壓力		重量		氣管	
	Inch	mm	Inch	mm	R.P.M	-	CFM	L/min	NPT(PT)	psi	bar	lb	kg	Inch	mm
SA41016C	2-3/4 x 8	70 x 208	3/8	10.0	2,400	Central-Vac	15.9	450	1/4"	90	6.2	2.35	1.06	1/4	6.35
SA41016CL	2-3/4 x 11	70 x 278	3/8	10.0	2,400	Central-Vac	15.9	450	1/4"	90	6.2	2.35	1.06	1/4	6.35
SA41016CXL	2-3/4 x 15-3/4	70 x 400	3/8	10.0	2,400	Central-Vac	15.9	450	1/4"	90	6.2	2.76	1.25	1/4	6.35

Model No.	Pad Size		Free Speed	Air Cons.		Air Inlet	Air Pressure		Net Weight		Overall Length		Hose Size	
	底盤尺寸		無負載轉速	耗氣量		進氣口	空氣壓力		重量		長度		氣管	
	Inch	mm	R.P.M	CFM	L/min	NPT(PT)	psi	bar	lb	kg	Inch	mm	Inch	mm
SA4505G	3.94 x 2.36	100x60	6,500	19	540	1/4"	90	6.2	3.31	1.5	12.68	322	1/4	6.35

Model No.	Belt Size		Horse Power		Free Speed	Air Inlet	Air Hose	Air Cons.		Overall Length		Net Weight		Sound Level
	砂帶尺寸		馬力		無負載轉速	進氣口	氣管	耗氣量		長度		重量		噪音直
	Inch	mm	HP	W	R.P.M	NPT(PT)	Inch	CFM	L/min	Inch	mm	lbs	kgs	dBA
SA49122(R)L	1/2x18	13x457	0.6	447	18,000	1/4"	3/8	4	113	14.57	370	1.94	0.88	84
SA49123(R)L	3/8x13	10x330	0.6	447	18,000	1/4"	3/8	4	113	12.60	320	1.76	0.80	84

Air Angle Sanders & Grinders

SA4108 32mm
Mini Orbital Angle Sander

★★

- Free Speed: 18,000 RPM
- Pad Size: 32mm



SA4708
Mini Angle Grinder

★★

- Free Speed: 18,000 RPM
- Spanner (12/ 17mm)



SA4709 2"
Mini Angle Sander

★★

- Free Speed: 18,000 RPM
- Thread: 1/4" x 20T



SA4710
Mini Angle Grinder

★★

- Free Speed: 18,000 RPM
- w/ 0.75T Grinding Wheels



SA4711 3"
Mini Angle Sander

★★

- Free Speed: 15,000 RPM
- Pad Size: 3" (75mm)



SA4101-2L 2" PAD
68mm Extended Air Orbital Angle Sander

★★

- Free Speed: 15,000 RPM
- Thread: M6



SA4101-2XL 3" PAD
93mm Extended Air Orbital Angle Sander

★★

- Free Speed: 15,000 RPM
- Thread: M6



SA4101-3L 2" PAD
45mm Extended Air Angle Sander

★★

- Free Speed: 15,000 RPM
- Thread: M6



SA4101-3XL 3" PAD
70mm Extended Air Angle Sander

★★

- Free Speed: 15,000 RPM
- Thread: M6



Model No.	Pad Size		Free Speed	Air Cons.		Air Inlet	Air Pressure		Net Weight		Overall Length	
	底盤尺寸		無負載轉速	耗氣量		進氣口	空氣壓力		重量		長度	
	Inch	mm	R.P.M	CFM	L/min	NPT(PT)	psi	bar	lb	kg	Inch	mm
SA4108	1.25	32	18,000	8.5	240	1/4"	85	6	0.82	0.37	6.10	155
SA4708	-	-	18,000	8.5	240	1/4"	85	6	0.86	0.39	6.10	155
SA4709	2	50	18,000	8.5	240	1/4"	85	6	0.79	0.36	6.10	155
SA4710	-	-	18,000	8.5	240	1/4"	85	6	0.79	0.36	6.10	155
SA4711	3	75	15,000	8.5	240	1/4"	85	6	0.97	0.44	6.10	155
SA4101-2L	2	50	15,000	21.2	600	1/4"	85	6	0.18	0.08	6.29	160
SA4101-2XL	3	75	15,000	21.2	600	1/4"	85	6	0.20	0.09	6.29	160
SA4101-3L	2	50	15,000	21.2	600	1/4"	85	6	0.16	0.07	6.29	160
SA4101-3XL	3	75	15,000	21.2	600	1/4"	85	6	0.17	0.08	6.29	160

Air Angle Polishers & Sanders

SA47012MQ-3 w/ Silencer Low Noise SA47012FQ-3 w/ Silencer Low Noise

Air Angle Polisher w/ 3" Pad

- Free Speed: 3,000 RPM
- Pad Size: 3" (75mm)
- M: Spindle Thread 1/4"-20 Male
- F: Spindle Thread 5/16"-24 Female
- Height (w/ Pad): (M)115/ (F)118mm (4.53"/4.64")



SA48051Q-2 w/ Silencer Low Noise

Air Angle Orbit Sander w/ 2" Pad

- Free Speed: 18,000 RPM
- Orbit Dia: 3mm
- Pad Size: 2" (50mm)
- Spindle Thread: M6 Female
- Height (w/ Pad): 93mm(3.66")



SA48052Q-2 w/ Silencer Low Noise

Air Angle Sander w/ 2" Disc Pad

- Free Speed: 18,000 RPM
- Pad Size: 2" (50mm)
- Spindle Thread: 1/4"-20 Male
- Height (w/ Pad): 104mm(4.09")



SA48050TQ w/ Silencer Low Noise

Air Triangular Angle Sander w/ 70 x 70mm Triangular Pad

- Free Speed: 18,000 RPM
- Orbit Dia: 1.5mm
- Pad Size: 70 x 70mm
- Height (w/ Pad): 89mm (3.5")



SA48050Q w/ Silencer Low Noise

Air Angle Orbit Sander w/ 48 x 98mm Pad

- Free Speed: 18,000 RPM
- Orbit Dia: 1.5mm
- Pad Size: 48 x 98mm
- Height (w/ Pad): 89mm (3.5")



SA48050Q-1 w/ Silencer Low Noise

Air Nib Removal Angle Sander w/ 30mm Pad

- Free Speed: 18,000 RPM
- Orbit Dia: 1.5mm
- Pad Size: 30mm (1-1/4")
- Spindle Thread: 1/4"-20 Male
- Height (w/ Pad): 98mm (3.86")



SA48050QK w/ Silencer Low Noise

Air Angle Orbit Sander Kit w/ 8 pcs Pad

Contents:

- 1PC SA48050Q
- 1PC (1) Diamond Pad
- 1PC (2) 3" Pad
- 1PC (3) Rectangular Pad
- 1PC (4) 2" Pad
- 1PC (5) Boat Pad
- 1PC (6) Square Pad
- 1PC (7) Triangular Pad
- 1PC (8) 1" Pad
- 1PC Box



SA48053QK w/ Silencer Low Noise

Air Finger Sander Kit w/ 11 pcs Pad

- Height (w/ Pad): 93mm (3.66")
- Orbit Dia: 1.5mm

Contents:

- 1PC SA48053Q
- 1PC (1) Faceted Pad
- 1PC (2) Large Flat Pad
- 1PC (3) Inner Hole Pad
- 1PC (4) Ex. Inner Hole Pad
- 1PC (5) Triangular Sharp Seam Pad
- 1PC (6) Triangular Plane Pad
- 1PC (7) Triangular Facet Pad
- 1PC (8) Double-Sided Inner Orphan Pad
- 1PC (9) Double-Sided Sharp Corners & Inner Orphan Pad
- 1PC (10) Double-Sided Inner Groove Pad
- 1PC (11) Square Pad
- 1PC Blow Molded Case



Model No.	Pad Size		Free Speed	Air Cons.		Air Inlet	Air Pressure		Net Weight		Overall Length		Hose Size		Spindle Thread
	底盤尺寸		無負載轉速	耗氣量		進氣口	空氣壓力		重量		長度		氣管		氣管
	Inch	mm	R.P.M	CFM	L/min	NPT(PT)	psi	bar	lb	kg	Inch	mm	Inch	mm	Inch
SA47012MQ-3	3	75	3,000	7.07	200	1/4"	90	6.2	1.76	0.80	7.56	192	1/4	6	1/4"-20 Male
SA47012FQ-3															5/16"-24 Female
SA48051Q-2	2	50	18,000	7.07	200	1/4"	90	6.2	1.43	0.65	7.17	182	1/4	6	M6 Female
SA48052Q-2	2	50	18,000	7.07	200	1/4"	90	6.2	1.32	0.60	7.09	180	1/4	6	1/4"-20 Male
SA48050TQ	2.7x2.7	70x70	18,000	7.07	200	1/4"	90	6.2	1.43	0.65	7.09	180	1/4	6	-
SA48050Q	1.9x3.9	48x98	18,000	7.07	200	1/4"	90	6.2	1.43	0.65	8.11	206	1/4	6	-
SA48050Q-1	1-1/4	30	18,000	7.07	200	1/4"	90	6.2	1.43	0.65	7.09	180	1/4	6	1/4"-20 Male
SA48053Q	1.1x3.8	28x98	18,000	7.07	200	1/4"	90	6.2	1.63	0.74	8.78	223	1/4	6	-

Air Angle Sanders (Kits)

SA48051CQ-3 Orbit Dia. 3mm ★★

Air Angle Sander w/ 3" Disc Pad

- Free Speed: 18,000 RPM
- Pad Size: 3" (75mm)
- Spindle Thread: M6 Female
- Height (w/ Pad): 93mm (3.66")



SA48051QK w/ Silencer Low Noise ★★

Air Angle Orbit Sander Kit w/ 12 pcs Pad

Contents:

- 1PC SA48051Q
- 1PC 2" Pad (Φ 50mm)
- 1PC 3" Pad (Φ 73.2mm)
- 5PCS 2" Sand Paper
- 5PCS 3" Sand Paper
- 1PC Blow Molded Case



SA48050QK2 w/ Silencer Low Noise ★★

Air Angle Orbit Sander Kit w/ 12 pcs Pad

Contents:

- 1PC SA48050Q
- 1PC Diamond Pad (L:92 x W:59mm)
- 1PC 3" Pad (Φ 73.2mm)
- 1PC Rectangular Pad (95x48mm)
- 1PC 3" Sponge Sand Paper
- 2PCS Rectangular Sand Paper
- 2PCS Diamond Sand Paper
- 1PC Blow Molded Case



SA48052QK w/ Silencer Low Noise ★★

Air Angle Sander Kit w/ 14 pcs Pad

Contents:

- 1PC SA48052Q
- 1PC 2" Quick Change Disc Holder
- 1PC 3" Quick Change Disc Holder
- 1PC 2" Quick Change Stripping Disc (Black)
- 1PC 3" Quick Change Stripping Disc (Purple)
- 2PCS 2" Quick Change Sanding Disc (Coarse*1 / Medium*1)
- 2PCS 3" Quick Change Sanding Disc (Coarse*1 / Medium*1)
- 3PCS 2" Quick Change Surface Conditioning Disc (Coarse*1 / Medium*1 / Fine*1)
- 3PCS 3" Quick Change Surface Conditioning Disc (Coarse*1 / Medium*1 / Fine*1)
- 1PC Blow Molded Case



SA48053QK1 w/ Silencer Low Noise ★★

Air Finger Sander Kit w/ 13 pcs Pad

Contents:

- 1PC SA48053Q
- 1PC Faceted Pad (L:98 xW:28 xH:10mm)
- 1PC Large Flat Pad (L:98 xW:40 xH:10mm)
- 1PC Inner Hole Pad (L:50 xW:23 xH:5mm)
- 1PC Ex. Inner Hole Pad (L:85 xW:23 xH:5mm)
- 1PC Triangular Sharp Seam Pad (L:46 xW:28 xH:25mm)
- 1PC Triangular Plane Pad (L:70 xW:70 xH:10mm)
- 1PC Triangular Facet Pad (L:50 xW:70 xH:10mm)

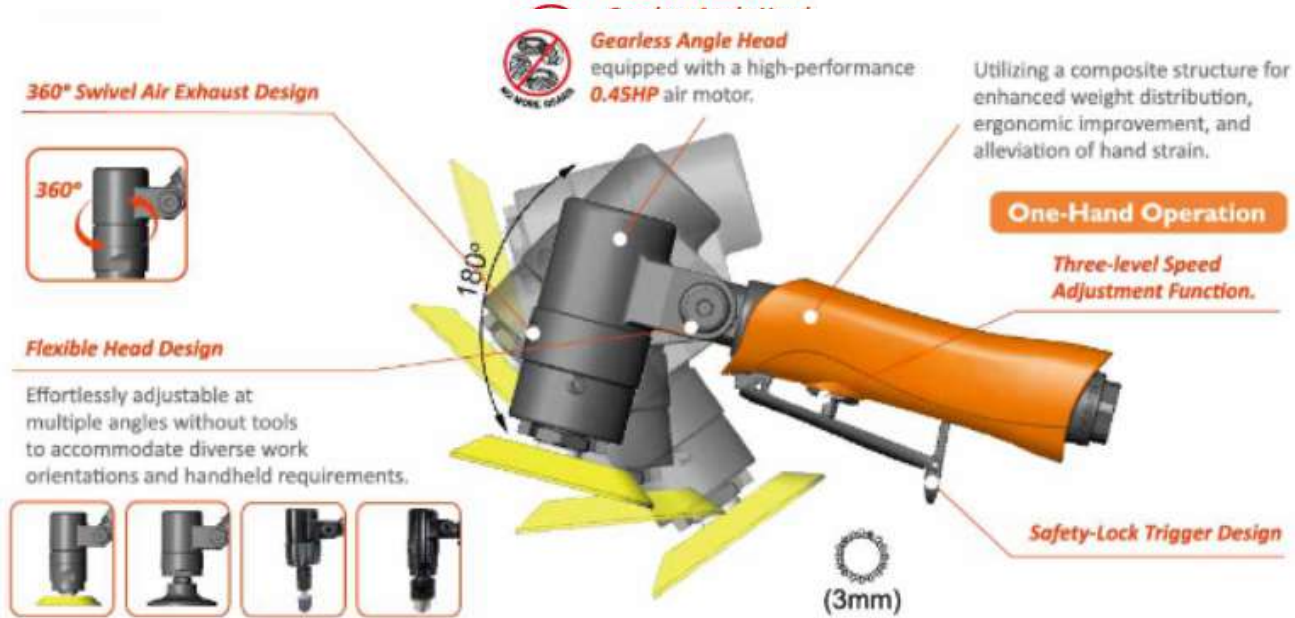
- 1PC Double-Sided Inner Orphan Pad (L:28 xW:32 xH:16mm)
- 1PC Double-Sided Sharp Corners & Inner Orphan Pad (L:28 xW:41 xH:14mm)
- 1PC Double-Sided Inner Groove Pad (L:50 xW:40 xH:12mm)
- 1PC Square Pad (L:28 xW:32 xH:16mm)
- 1PC 4" Hand Sanding Machine
- 1PC 100mm x 0.5M Sand Paper Roll
- 1PC Blow Molded Case



Model No.	Pad Size		Free Speed	Air Cons.		Air Inlet	Air Pressure		Net Weight		Overall Length		Hose Size		Spindle Thread
	底盤尺寸		無負載轉速	耗氣量		進氣口	空氣壓力		重量		長度		氣管		氣管
	Inch	mm	R.P.M	CFM	L/min	NPT(PT)	psi	bar	lb	kg	Inch	mm	Inch	mm	Inch
SA48051CQ-3	3	75	18,000	6.4	180	1/4"	90	6.2	1.43	0.65	7.09	180	1/4	6	M6 Female
SA48051Q-2	2	50	18,000	7.07	200	1/4"	90	6.2	1.43	0.65	7.17	182	1/4	6	M6 Female
SA48050Q	1.9x3.9	48x98	18,000	7.07	200	1/4"	90	6.2	1.43	0.65	8.11	206	1/4	6	-
SA48052Q-2	2	50	18,000	7.07	200	1/4"	90	6.2	1.32	0.60	7.09	180	1/4	6	1/4"-20 Male
SA48053Q	1.1x3.8	28x98	18,000	7.07	200	1/4"	90	6.2	1.63	0.74	8.78	223	1/4	6	-

Flexible Head Family Looking Tools

(0.45 HP)



SA48054-2(M) 2" ★★
SA48054-3(M) 3" ★★
Flexible Head Angle Orbital Sander w/ Hook Pad

- Free Speed: 17,000 RPM
- Air Motor : 0.45 HP
- Spindle Thread: 5/16"-24T
- M: Spindle Thread M6
- Orbit Dia: 3 mm



SA48055-2 2" ★★
SA48055-3 3" ★★
Flexible Head Angle Disc Sander w/ Roloc Pad

- Free Speed: 17,000 RPM
- Air Motor : 0.45 HP
- Spindle Thread: 1/4"-20T



SA47013-2(M) 2" ★★
SA47013-3(M) 3" ★★
Flexible Head Angle Polisher w/ Hook Pad

- Free Speed: 3,000 RPM
- Air Motor : 0.45 HP
- Spindle Thread: 5/16"-24T
- M: Spindle Thread M6



SA53121 1/4" ★★
SA53121M 6mm ★★
Flexible Head Air Angle Die Grinder

- Free Speed: 18,000 RPM
- Air Motor : 0.45 HP
- Noise Level: 83 dBA



SA6646 3/8" w/ Key Chuck ★★
SA6646KL 3/8" w/ Keyless Chuck ★★
Flexible Head Air Angle Drill

- Free Speed: 3,000 RPM
- Air Motor : 0.45 HP
- Noise Level: 81 dBA



Model No.	Pad /Collet/ Chuck Size		Free Speed	Air Cons.		Air Inlet	Air Pressure		Net Weight		Overall Length		Hose Size		Noise Level
	底盤/夾頭尺寸		無負載轉速	耗氣量		進氣口	空氣壓力		重量		長度		氣管		噪音值
	Inch	mm	R.P.M	CFM	L/min	NPT(PT)	psi	bar	lb	kg	Inch	mm	Inch	mm	dBA
SA48054-2(M)	2	50	17,000	3.2	91	1/4"	90	6.2	1.65	0.75	8.11	206	3/8	10	83
SA48054-3(M)	3	75													
SA48055-2	2	50	17,000	3.2	91	1/4"	90	6.2	1.46	0.66	8.11	206	3/8	10	83
SA48055-3	3	75													
SA47013-2(M)	2	50	3,000	3.2	91	1/4"	90	6.2	1.85	0.84	8.11	206	3/8	10	83
SA47013-3(M)	3	75													
SA53121(M)	1/4	6	18,000	3.2	91	1/4"	90	6.2	1.65	0.75	8.27	210	3/8	10	83
SA6646(KL)	3/8	10	3,000	3.2	91	1/4"	90	6.2	2.27	1.03	8.27	210	3/8	10	81

(Micro & Angle) Air Die Grinders

SA50043 1/8" ★★
SA50043M 3mm
Turbine Micro Die Grinder

- Free Speed: 100,000 RPM
- Turbo Style
- High Speed



SA5601-35 1/8" ★★
SA5601M-35 3mm
Air Turbine Die Grinder
 (Speed: 35,000 RPM/ 0.15 HP)

SA5601-50 1/8" ★★
SA5601M-50 3mm
Air Turbine Die Grinder
 (Speed: 50,000 RPM/ 0.20 HP)

- Air Cons: 8 SCFM
- Volume (HxL): 37x156mm
- Sound Level: <75 dB(A)



SA5602-35 1/8" ★★
SA5602M-35 3mm
Air Turbine Die Grinder
 (Speed: 35,000 RPM/ 0.45 HP)

SA5602-50 1/8" ★★
SA5602M-50 3mm
Air Turbine Die Grinder
 (Speed: 50,000 RPM/ 0.50 HP)

- Air Cons: 12 SCFM
- Volume (HxL): 53x172mm
- Sound Level: <75 dB(A)



SA5630L 1/4" ★★
SA5630LM 6mm
Super Duty Die Grinder
 (Lever Type)

- Free Speed: 24,000 RPM
- Horse Power: 0.32 HP (239W)
- Side Exhaust



SA5630R 1/4" ★★
SA5630RM 6mm
Super Duty Die Grinder
 (Rotary Type)

- Free Speed: 24,000 RPM
- Horse Power: 0.32 HP (239W)
- Side Exhaust



SA56023AL 1/4" ★★
SA56023ALM 6mm
Super Duty Die Grinder
 (Lever Type)

- Free Speed: 24,000 RPM
- Horse Power: 0.32 HP (239W)
- Rear Exhaust



SA56023BL 1/4" ★★
SA56023BLM 6mm
Super Duty Die Grinder
 (Lever Type)

- Free Speed: 18,000 RPM
- Horse Power: 0.45 HP (336W)
- Rear Exhaust



SA5210-20L 1/4" ★★
20" Extended 90° Heavy Duty
Air Angle Die Grinder

- Free Speed: 3,000 RPM
- Horse Power: 0.6 HP (447W)
- Rear Exhaust



SA5210S-20L 5/16" ★★
SA5210SM-20L 6mm
20" Extended 90° Heavy Duty
Air Angle Die Grinder

- Free Speed: 3,000 RPM
- Horse Power: 0.6 HP (447W)
- Rear Exhaust



Model No.	Collet Size		Horse Power		Free Speed	Net Weight		Overall Length		Air Inlet	Air Pressure		Air Cons.		Hose Size	
	夾頭尺寸		馬力		無負載轉速	重量		長度		進氣口	空氣壓力		耗氣量		氣管	
	Inch	mm	Hp	W	R.P.M	lb	kg	Inch	mm	NPT(PT)	psi	bar	CFM	L/min	Inch	mm
SA50043(M)	1/8	3	-	-	100,000	0.53	0.24	7.09	180	1/4"	90	6.2	-	-	-	5
SA5601(M)-35	1/8	3	0.15	112	35,000	0.31	0.14	6.14	156	1/4"	90	6.2	8.0	230	3/8	10
SA5601(M)-50	1/8	3	0.20	149	50,000	0.31	0.14	6.14	156	1/4"	90	6.2	8.0	230	3/8	10
SA5602(M)-35	1/8	3	0.45	336	35,000	0.46	0.21	6.77	172	1/4"	90	6.2	12.0	340	3/8	10
SA5602(M)-50	1/8	3	0.50	373	50,000	0.46	0.21	6.77	172	1/4"	90	6.2	12.0	340	3/8	10
SA5630L(M)	1/4	6	0.32	239	24,000	1.10	0.50	6.73	171	1/4"	90	6.2	17.7	500	3/8	9.5
SA5630R(M)	1/4	6	0.32	239	24,000	1.10	0.50	6.38	162	1/4"	90	6.2	17.7	500	3/8	9.5
SA56023AL(M)	1/4	6	0.32	239	24,000	1.32	0.60	8.11	206	1/4"	90	6.2	17.7	500	3/8	9.5
SA56023BL(M)	1/4	6	0.45	336	18,000	1.54	0.70	8.43	214	1/4"	90	6.2	15.9	450	3/8	9.5
SA5210-20L	1/4	-	0.6	447	3,000	3.09	1.40	30.31	770	1/4"	85	5.9	19.0	540	3/8	10
SA5210S(M)-20L	5/16	6	0.6	447	3,000	3.00	1.40	29.92	760	1/4"	85	5.9	19.0	540	3/8	10

Air (Angle) Die Grinders

SA52113 1/4"
SA52113M 6mm
SA52113M-8 8mm
Air Angle Die Grinder

- Free Speed: 18,000 RPM
- Horse Power: 1 HP
- Sound Level: 84 dBA
- Packing: 20pcs/ 19kg/ 0.9'

★ ★ ★



SA5730 1/4"
SA5730M 6mm
SA5730M-8 8mm
Air Die Grinder

- Free Speed: 22,000 RPM
- Horse Power: 1 HP
- Sound Level: 84 dBA
- Packing: 20pcs/ 16kg/ 0.9'

★ ★ ★



SA5730-7L 1/4"
SA5730-7LM 6mm
SA5730-7LM8 8mm
7" Extended Air Die Grinder

- Free Speed: 22,000 RPM
- Horse Power: 1 HP
- Sound Level: 84 dBA
- Packing: 10pcs/ 14kg/ 1.5'

★ ★ ★



SA5730-11L 1/4"
SA5730-11LM 6mm
SA5730-11LM8 8mm
11" Extended Air Die Grinder

- Free Speed: 22,000 RPM
- Horse Power: 1 HP
- Sound Level: 84 dBA
- Packing: 8pcs/ 15kg/ 1.2'

★ ★ ★



SA5730-16L 1/4"
SA5730-16LM 6mm
SA5730-16LM8 8mm
16" Extended Air Die Grinder

- Free Speed: 22,000 RPM
- Horse Power: 1 HP
- Sound Level: 84 dBA
- Packing: 5pcs/ 13kg/ 1.2'

★ ★ ★



Model No.	Collet Size	Horse Power		Free Speed	Net Weight		Overall Length		Air Inlet	Air Pressure		Air Cons.		Hose Size	
	夾頭尺寸	馬力		無負載轉速	重量		長度		進氣口	空氣壓力		耗氣量		氣管	
	-	HP	W	R.P.M	lb	kg	Inch	mm	NPT(PT)	psi	bar	CFM	L/min	Inch	mm
SA52113	1/4"	1	746	18,000	1.96	0.89	8.46	215	1/4"	90	6.2	4.5	127	3/8	10
SA52113M	6mm														
SA52113M-8	8mm														
SA5730	1/4"	1	746	22,000	1.59	0.72	8.86	225	1/4"	90	6.2	4.5	127	3/8	10
SA5730M	6mm														
SA5730M-8	8mm														
SA5730-7L	1/4"	1	746	22,000	2.78	1.26	14.17	360	1/4"	90	6.2	4.5	127	3/8	10
SA5730-7LM	6mm														
SA5730-7LM8	8mm														
SA5730-11L	1/4"	1	746	22,000	3.75	1.70	17.91	455	1/4"	90	6.2	4.5	127	3/8	10
SA5730-11LM	6mm														
SA5730-11LM8	8mm														
SA5730-16L	1/4"	1	746	22,000	4.85	2.20	23.03	585	1/4"	90	6.2	4.5	127	3/8	10
SA5730-16LM	6mm														
SA5730-16LM8	8mm														

Air Drills & Screwdrivers (Pistol Type)

★★
SA61044A 1/2" (660 RPM)
SA61044 1/2" (1,000 RPM)

Gear Type Reversible Drill

- Free Speed: 660/ 1000 RPM
- Horse Power: 0.6HP (447W)
- Stall Torque: 14.9 Nm (10.9 ft-lb)
- Handle Exhaust
- Sound Level: 88 dBA



★★
SA61043A 3/8" (2,000 RPM)
SA61043 3/8" (2,500 RPM)

Gear Type Reversible Drill

- Free Speed: 2000/ 2500 RPM
- Horse Power: 0.6HP (447W)
- Stall Torque: 7.4/ 6 Nm (5.4/ 4.4 ft-lb)
- Handle Exhaust
- Sound Level: 88 dBA



★★
SA61042 3/8" (3,200 RPM)
SA61042B 3/8" (4,800 RPM)
SA61042C 3/8" (14,000 RPM)

Gear Type Reversible Drill

- Free Speed: 3200/ 4800/ 14000 RPM
- Horse Power: 0.6HP (447W)
- Stall Torque: 4.7/ 3.14/ 1 Nm (3.5/ 2.24/ 0.74 ft-lb)
- Handle Exhaust
- Sound Level: 88/90 dBA



★★
SA6589F 6-8mm
Air Screwdriver

- Free Speed: 13,000 RPM
- Working Torque: 60 Nm (44.5 ft-lb)
- Double Hammer Clutch
- Handle Exhaust
- **F** Type Bit



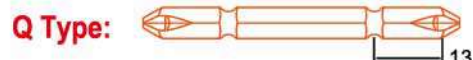
★★
SA6398 4mm
Air Screwdriver

- Free Speed: 2,500 RPM
- Stall Torque: 6 Nm (4.4 ft-lb)
- Direct Driver
- Handle Exhaust
- **F** Type Bit



★★
SA6399 5mm
Air Screwdriver

- Free Speed: 1,000 RPM
- Stall Torque: 14.9 Nm (10.9 ft-lb)
- Direct Driver
- Handle Exhaust
- **F** Type Bit



Model No.	Chuck Size		Horse Power		Free Speed	Net Weight		Overall Length		Air Inlet	Air Pressure		Air Cons.		Hose Size	
	夾頭尺寸		馬力		無負載轉速	重量		長度		進氣口	空氣壓力		耗氣量		氣管	
	Inch	mm	HP	W	R.P.M	lb	kg	Inch	mm	NPT(PT)	psi	bar	CFM	L/min	Inch	mm
SA61044A	1/2	13	0.6	447	660	3.57	1.62	9.05	230	1/4"	90	6.2	10	283	3/8	10
SA61044	1/2	13	0.6	447	1,000	3.57	1.62	9.05	230	1/4"	90	6.2	10	283	3/8	10
SA61043A	3/8	10	0.6	447	2,000	2.34	1.06	7.28	185	1/4"	90	6.2	10	283	3/8	10
SA61043	3/8	10	0.6	447	2,500	2.34	1.06	7.28	185	1/4"	90	6.2	10	283	3/8	10
SA61042	3/8	10	0.6	447	3,200	2.34	1.06	7.28	185	1/4"	90	6.2	10	283	3/8	10
SA61042B	3/8	10	0.6	447	4,800	2.34	1.06	7.28	185	1/4"	90	6.2	10	283	3/8	10
SA61042C	3/8	10	0.6	447	14,000	2.34	1.06	7.28	185	1/4"	90	6.2	10	283	3/8	10

Model No.	Chuck Size	Working / Stall Torque		Free Speed	Net Weight		Overall Length		Air Cons.		Air Inlet	Hose Size		Sound Level	Vibration
	夾頭	工作/停止 扭矩		無負載轉速	重量		長度		耗氣量		進氣口	氣管		噪音直	震動直
	mm	ft-lb	N-m	RPM	lb	kg	Inch	mm	CFM	l/min	PT	Inch	mm	dBA	m/s²
SA6589F	6-8	44.5	60	13,000	2.20	1.00	7.36	187	10	283	1/4"	3/8	10	87	3.28
SA6398	4	4.4	6	2,500	1.98	0.90	6.10	155	10	283	1/4"	3/8	10	88	3.28
SA6399	5	10.9	14.9	1,000	2.29	1.04	6.77	172	10	283	1/4"	3/8	10	88	3.28

Straight & Pistol Type Air Angle Drills (Aircraft Tools)

(0.5 HP)

Features:

- Rear Exhaust
- Free Speed: 3,200 RPM (SA6635D/ SA6635PD)
- Horse Power: 0.5 HP • Thread Type: 1/4"-28

Optional Accessories:

- SA6635A/ SA6635PA for Free Speed 500 RPM Drill
- SA6635B/ SA6635PB for Free Speed 1,000 RPM Drill
- SA6635C/ SA6635PC for Free Speed 2,400 RPM Drill
- SA6635E/ SA6635PE for Free Speed 3,800 RPM Drill
- SA6635F/ SA6635PF for Free Speed 5,200 RPM Drill

- SA6635D-030AG/ SA6635PD-030AG w/ 30° Drill Attachment
- SA6635D-045AG/ SA6635PD-045AG w/ 45° Drill Attachment
- SA6635D-045LAG/ SA6635PD-045LAG w/ 45° Extended Drill Attachment
- SA6635D-090AG/ SA6635PD-090AG w/ 90° Drill Attachment
- SA6635D-090LAG/ SA6635PD-090LAG w/ 90° Extended Drill Attachment
- SA6635D-360AG/ SA6635PD-360AG w/ 360° Drill Attachment
- SA6635D-360LAG/ SA6635PD-360LAG w/ 360° Extended Drill Attachment
- SA6635D-095SG/ SA6635PD-095SG w/ 95mm L-Type Drill Attachment
- SA6635D-095LSG/ SA6635PD-095LSG w/ 95mm Extended L-Type Drill Attachment
- SA6635D-129SG/ SA6635PD-129SG w/ 129mm L-Type Drill Attachment
- SA6635D-129LSG/ SA6635PD-129LSG w/ 129mm Extended L-Type Drill Attachment

SA6635D-90HAG 0.5 HP SA6635D-90LHAG 0.5 HP Straight Type Air Drill

★ ★ ★



- Free Speed: 3,200 RPM
- **SA6635D-90HAG:** w/ 90° Heavy Duty Drill Attachment
- **SA6635D-90LHAG:** w/ 90° Heavy Duty Extended Drill Attachment



SA6635D-051SG 0.5 HP SA6635D-051LSG 0.5 HP Straight Type Air Drill

★ ★ ★



- Free Speed: 3,200 RPM
- **SA6635D-051SG:** w/ 51mm L-Type Drill Attachment
- **SA6635D-051LSG:** w/ 51mm Extended L-Type Drill Attachment



SA6635PD-90HAG 0.5 HP SA6635PD-90LHAG 0.5 HP Pistol Type Air Drill

★ ★ ★



- Free Speed: 3,200 RPM
- **SA6635PD-90HAG:** w/ 90° Heavy Duty Drill Attachment
- **SA6635PD-90LHAG:** w/ 90° Heavy Duty Extended Drill Attachment



SA6635PD-051SG 0.5 HP SA6635PD-051LSG 0.5 HP Pistol Type Air Drill

★ ★ ★



- Free Speed: 3,200 RPM
- **SA6635PD-051SG:** w/ 61mm L-Type Drill Attachment
- **SA6635PD-051LSG:** w/ 61mm Extended L-Type Drill Attachment



Model No.	Horse Power		Free Speed	Net Weight		Overall Length		Air Inlet	Air Pressure		Air Cons.		Hose Size		Sound Level
	馬力		無負載轉速	重量		長度		進氣口	空氣壓力		耗氣量		氣管		噪音值
	HP	W	R.P.M	lb	kg	Inch	mm	NPT(PT)	psi	bar	CFM	L/min	Inch	mm	dBA
SA6635A	0.5	373	500	1.43	0.65	7.09	180	1/4"	90	6.2	10	283	3/8	10	92
SA6635B	0.5	373	1,000	1.43	0.65	7.09	180	1/4"	90	6.2	10	283	3/8	10	92
SA6635C	0.5	373	2,400	1.10	0.50	6.10	155	1/4"	90	6.2	10	283	3/8	10	92
SA6635D	0.5	373	3,200	1.10	0.50	6.10	155	1/4"	90	6.2	10	283	3/8	10	92
SA6635E	0.5	373	3,800	1.10	0.50	6.10	155	1/4"	90	6.2	10	283	3/8	10	92
SA6635F	0.5	373	5,200	1.10	0.50	6.10	155	1/4"	90	6.2	10	283	3/8	10	92
SA6635PA	0.5	373	500	1.70	0.77	6.89	175	1/4"	90	6.2	10	283	3/8	10	84
SA6635PB	0.5	373	1,000	1.70	0.77	6.89	175	1/4"	90	6.2	10	283	3/8	10	84
SA6635PC	0.5	373	2,400	1.32	0.60	5.71	145	1/4"	90	6.2	10	283	3/8	10	84
SA6635PD	0.5	373	3,200	1.32	0.60	5.71	145	1/4"	90	6.2	10	283	3/8	10	84
SA6635PE	0.5	373	3,800	1.32	0.60	5.71	145	1/4"	90	6.2	10	283	3/8	10	84
SA6635PF	0.5	373	5,200	1.34	0.61	5.71	145	1/4"	90	6.2	10	283	3/8	10	84

Drill Tool Attachments

0.5 HP

Optional Accessories

Application: Unit mm

• Straight Type For SA6635D(A)(B)(C)(E)(F)

• Pistol Type For SA6635PD(PA)(PB)(PC)(PE)(PF)

SA-030AG Spindle: 1/4"-28
SA-030BG Spindle: 9/32"-40
30° Drill Attachment



SA-045AG Spindle: 1/4"-28
SA-045BG Spindle: 9/32"-40
45° Drill Attachment



SA-045LAG Spindle: 1/4"-28
SA-045LBG Spindle: 9/32"-40
45° Extended Drill Attachment



SA-090AG Spindle: 1/4"-28
SA-090BG Spindle: 9/32"-40
90° Drill Attachment



SA-090LAG Spindle: 1/4"-28
SA-090LBG Spindle: 9/32"-40
90° Extended Drill Attachment



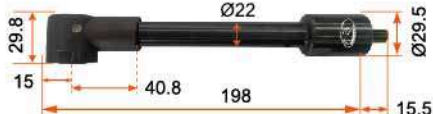
SA-360AG Spindle: 1/4"-28
SA-360BG Spindle: 9/32"-40
360° Drill Attachment



SA-90HAG Spindle: 1/4"-28
SA-90HBG Spindle: 9/32"-40
90° Heavy Duty Drill Attachment



SA-90LHAG Spindle: 1/4"-28
SA-90LHBG Spindle: 9/32"-40
90° Extended Heavy Duty Drill Attachment



SA-360LAG Spindle: 1/4"-28
SA-360LBG Spindle: 9/32"-40
360° Extended Drill Attachment



SA-051SG 51mm Spindle: 1/4"-28
SA-095SG 95mm Spindle: 1/4"-28
SA-129SG 129mm Spindle: 1/4"-28
L-Type Drill Attachment



SA-051LSG 51mm Spindle: 1/4"-28
SA-095LSG 95mm Spindle: 1/4"-28
SA-129LSG 129mm Spindle: 1/4"-28
L-Type Extended Drill Attachment



M635 CHUCK Adjustable Collect

- Collet Size: 1.6 ~ 6.35 mm
- Spindle: 1/4"- 28



TC-Series Drill Chucks

- Spindle: 1/4"- 28



Model No.	Chuck Capacity
	夾頭能力
	Inch/ mm
TC-1/4	1/4"
TC-1/8	1/8"
TC-3/16	3/16"
TC-3/32	3/32"
TC-5/32	5/32"
TC-10	#10 (0.1935"x4.9mm)
TC-21	#21 (0.1590"x4.03mm)
TC-30	#30 (0.1285"x3.26mm)
TC-40	#40 (0.0980"x2.5mm)

Model No.	Chuck Capacity
	夾頭能力
	Inch/ mm
TC-2.6	2.6mm
TC-2.7	2.7mm
TC-2.8	2.8mm
TC-3.1	3.1mm
TC-3.6	3.6mm
TC-4.1	4.1mm
TC-4.2	4.2mm
TC-5.1	5.1mm
TC-5.2	5.2mm
TC-6.2	6.2mm
TC-6.6	6.6mm

Straight & Pistol Type Air Installation Tools (Aircraft Tools)

(0.5 & 0.8 HP)

SA6638

**Straight Type Installation Tool
w/o Tool Attachment**

- Free Speed: 500 RPM
- Horse Power: 0.5 HP (373 W)
- Application Attachment (Optional):
ACC-131SG, ACC-131LG,
ACC-132AG



★ ★ ★



SA67019

**Pistol Type Installation Tool
w/o Tool Attachment**

- Free Speed: 500 RPM
- Horse Power: 0.5 HP (373 W)
- Application Attachment (Optional):
ACC-131SG, ACC-131LG,
ACC-132AG



★ ★ ★



SA6637-132AG

**Non Shut-Off Straight Type Install Tool
w/ 17° Indexable Attachment & Grip
w/o Socket & Bit**

- Free Speed: 500 RPM
- Horse Power: 0.8 HP (373 W)
- Noise Level: 84 dBA
- Net Weight (w/ Attachment): 1.58kg (3.48 lb)

★ ★ ★



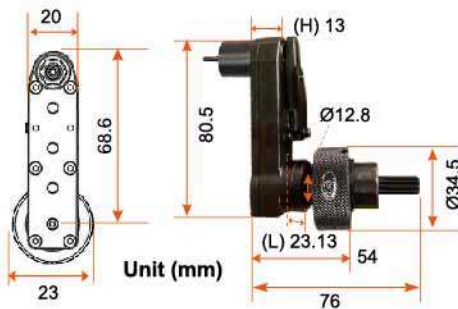
Internal Spline Drive



17° Indexable Attachment
(External Spline Drive Type)

ACC-131SG 80mm

**L-Type Install Tool Attachment
(External Spline Drive Type)
w/o Socket & Bit**



ACC-131LG 80mm

**L-Type Install Tool Attachment Extended
(External Spline Drive Type)
w/o Socket & Bit**



ACC-132AG 80mm

**17° Indexable Attachment
(External Spline Drive Type)
w/o Socket & Bit**



Optional Socket

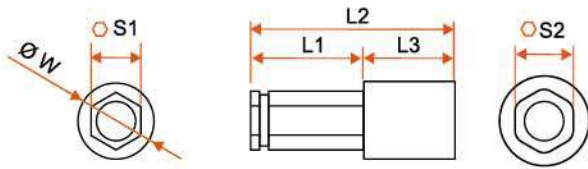
- (1/2"): 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 5/32"
- (1"): 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 5/32"
- (50mm): 6, 7, 8, 9 mm
- (12.7mm): 5, 6, 7, 8, 9, 10, 12, 14 mm
- (25.4mm): 5 mm

Optional Hex. Tip (Bit)

- (1/2" DR): 1/16", 5/64", 3/32", 1/8", 5/32"
- (1" DR): 1/16", 5/64", 3/32", 1/8"
- (50mm DR): 1.5, 2.0 mm
- (12.7mm DR): 1.0, 1.5, 2.0, 2.5, 3.0, 4.0 mm
- (25.4mm DR): 1.0, 1.5, 2.0, 2.5, 3.0, 4.0 mm

Model No.	Horse Power		Free Speed	Net Weight		Overall Length		Air Inlet	Air Pressure		Air Cons.		Hose Size		Sound Level
	馬力		無負載轉速	重量		長度		進氣口	空氣壓力		耗氣量		氣管		噪音值
	HP	W	R.P.M	lb	kg	Inch	mm	NPT(PT)	psi	bar	CFM	L/min	Inch	mm	dBA
SA6638	0.5	373	500	1.43	0.65	7.01	178	1/4"	90	6.2	10	283	3/8	10	84
SA67019	0.5	373	500	1.65	0.75	6.81	173	1/4"	90	6.2	10	283	3/8	10	84
SA6637-132AG	0.8	597	500	2.40	1.09	8.86	225	1/4"-18	90	6.2	10	283	3/8	10	84

Selection Table For L-Type Install Tool Attachments (Aircraft Tools)



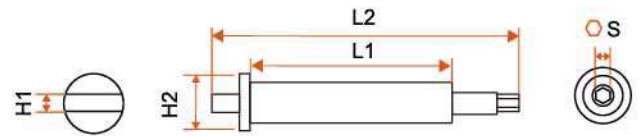
Socket (Driver)

SAE Size

Model No.	Size (mm)					
	W	(Hex.) S1	L1	L2	L3 (Inch)	(Hex.) S2
ACC-132-PD31612	Φ10.7	7	15.6	28.3	1/2"	3/16"
ACC-132-PD73212	Φ10.7	7	15.6	28.3	1/2"	7/32"
ACC-132-PD1412	Φ10.7	7	15.6	28.3	1/2"	1/4"
ACC-132-PD93212	Φ10.7	7	15.6	28.3	1/2"	9/32"
ACC-132-PD51612	Φ10.7	7	15.6	28.3	1/2"	5/16"
ACC-132-PD113212	Φ12.7	7	15.6	28.3	1/2"	11/32"
ACC-132-PD3812	Φ13.6	7	15.6	28.3	1/2"	3/8"
ACC-132-PD71612	Φ14.6	7	15.6	28.3	1/2"	7/16"
ACC-132-PD53212	Φ16.5	7	15.6	28.3	1/2"	5/32"
ACC-132-PD3161	Φ10.7	7	15.6	41.0	1"	3/16"
ACC-132-PD7321	Φ10.7	7	15.6	41.0	1"	7/32"
ACC-132-PD141	Φ10.7	7	15.6	41.0	1"	1/4"
ACC-132-PD9321	Φ10.7	7	15.6	41.0	1"	9/32"
ACC-132-PD5161	Φ10.7	7	15.6	41.0	1"	5/16"
ACC-132-PD11321	Φ12.7	7	15.6	41.0	1"	11/32"
ACC-132-PD381	Φ13.6	7	15.6	41.0	1"	3/8"
ACC-132-PD7161	Φ14.6	7	15.6	41.0	1"	7/16"
ACC-132-PD5321	Φ16.5	7	15.6	41.0	1"	5/32"

Metric Size

Model No.	Size (mm)					
	W	(Hex.) S1	L1	L2	L3 (mm)	(Hex.) S2
ACC-132-PD650M	Φ10.7	7	15.6	65.6	50	6
ACC-132-PD750M	Φ10.7	7	15.6	65.6	50	7
ACC-132-PD850M	Φ10.7	7	15.6	65.6	50	8
ACC-132-PD950M	Φ12.7	7	15.6	65.6	50	9
ACC-132-PD5127M	Φ10.7	7	15.6	28.3	12.7	5
ACC-132-PD6127M	Φ10.7	7	15.6	28.3	12.7	6
ACC-132-PD7127M	Φ10.7	7	15.6	28.3	12.7	7
ACC-132-PD8127M	Φ10.7	7	15.6	28.3	12.7	8
ACC-132-PD9127M	Φ12.7	7	15.6	28.3	12.7	9
ACC-132-PD10127M	Φ13.6	7	15.6	28.3	12.7	10
ACC-132-PD12127M	Φ14.6	7	15.6	28.3	12.7	12
ACC-132-PD14127M	Φ16.5	7	15.6	28.3	12.7	14
ACC-132-PD5254M	Φ10.7	7	15.6	41.0	25.4	5



Hex. Tip (Bit)

SAE Size

Model No.	Size (mm)					Socket Size (Inch)
	H1	H2	L1	L2	(Hex.) S	
ACC-132-PB11612	2.5	Φ7.9	28.3	42.8	1/16"	1/2"
ACC-132-PB56412	2.5	Φ7.9	28.3	42.8	5/64"	1/2"
ACC-132-PB33212	2.5	Φ7.9	28.3	42.8	3/32"	1/2"
ACC-132-PB1812	2.5	Φ7.9	28.3	42.8	1/8"	1/2"
ACC-132-PB53212	2.5	Φ7.9	28.3	42.8	5/32"	1/2"
ACC-132-PB1161	2.5	Φ7.9	41.0	55.5	1/16"	1"
ACC-132-PB5641	2.5	Φ7.9	41.0	55.5	5/64"	1"
ACC-132-PB3321	2.5	Φ7.9	41.0	55.5	3/32"	1"
ACC-132-PB181	2.5	Φ7.9	41.0	55.5	1/8"	1"

Metric Size

Model No.	Size (mm)					Socket Size (mm)
	H1	H2	L1	L2	(Hex.) S	
ACC-132-PB1550M	2.5	Φ7.9	65.6	80.1	1.5	50
ACC-132-PB2050M	2.5	Φ7.9	65.6	80.1	2.0	50
ACC-132-PB10127M	2.5	Φ7.9	28.3	42.8	1.0	12.7
ACC-132-PB15127M	2.5	Φ7.9	28.3	42.8	1.5	12.7
ACC-132-PB20127M	2.5	Φ7.9	28.3	42.8	2.0	12.7
ACC-132-PB25127M	2.5	Φ7.9	28.3	42.8	2.5	12.7
ACC-132-PB30127M	2.5	Φ7.9	28.3	42.8	3.0	12.7
ACC-132-PB40127M	2.5	Φ7.9	28.3	42.8	4.0	12.7
ACC-132-PB10254M	2.5	Φ7.9	41.0	55.5	1.0	25.4
ACC-132-PB15254M	2.5	Φ7.9	41.0	55.5	1.5	25.4
ACC-132-PB20254M	2.5	Φ7.9	41.0	55.5	2.0	25.4
ACC-132-PB25254M	2.5	Φ7.9	41.0	55.5	2.5	25.4
ACC-132-PB30254M	2.5	Φ7.9	41.0	55.5	3.0	25.4
ACC-132-PB40254M	2.5	Φ7.9	41.0	55.5	4.0	25.4

Installation Tools & Air Angle Drills (Aircraft Tools)

SA8319NR Non-Reversible ★★★

Composi-Lok Master Torque Driver
w/o Nose Adaptor

- Free Speed: 500 RPM
- Motor: 1 HP
- Sound Level: 75 d(BA)
- Torque Output:
230 in-lbs (26 Nm)
- Packing:
10pcs/ 18 kg(G.W)/ 1.5' Cuft



SA8319NRK ★★★

Composi-Lok Master Torque Driver Kit
(14 PCS)

Contents

- 1PC SA8319NR
- 6PCS Nose (Cross Groove Type:
SA8319-NA532N x 2pcs, SA8319-NA316N x 2pcs,
SA8319-NA14N x 2pcs)
- 3PCS Nose (Internal Hex. Type:
SA8319-NA532PN x 1pc,
SA8319-NA316PN x 1pc,
SA8319-NA14PN x 1pc)
- 3PCS Driver (SA8319-NA532D x 1pc,
SA8319-NA316D x 1pc,
SA8319-NA14D x 1pc)
- 1PC Blow Mold Case



NEW

Optional Nose Adaptor Assembly

SA8319-NA532P Pin Dia. 5/32"
SA8319-NA316P Pin Dia. 3/16"
SA8319-NA14P Pin Dia. 1/4"
SA8319-NA516P Pin Dia. 5/16"

Nose Adaptor Assembly
(Internal Hex. Type)



SA8319-NA532 Pin Dia. 5/32"
SA8319-NA316 Pin Dia. 3/16"
SA8319-NA14 Pin Dia. 1/4"
SA8319-NA516 Pin Dia. 5/16"

Nose Adaptor Assembly
(Cross Groove Type)



SA8319-NA532PN 5/32"
SA8319-NA316PN 3/16"
SA8319-NA14PN 1/4"
SA8319-NA516PN 5/16"

Nose
(Internal Hex. Type)

SA8319-NA532N 5/32"
SA8319-NA316N 3/16"
SA8319-NA14N 1/4"
SA8319-NA516N 5/16"

Nose
(Cross Groove Type)

SA8319-NA532D 5/32"
SA8319-NA316D 3/16"
SA8319-NA14D 1/4"
SA8319-NA516D 5/16"

Driver
(Internal Hex. & Cross Groove Type)

SA6647 ★★★

90° Air Angle Drill w/o Bit



- Free Speed: 3,000 RPM
- Horse Power: 0.35 HP
- Female Thread: 1/4"-28T
- Packing: 20pcs/8kg/ 9kg/ 0.6'



NEW

SA6648 ★★★

45° Air Angle Drill w/o Bit



- Free Speed: 3,000 RPM
- Horse Power: 0.35 HP
- Female Thread: 1/4"-28T
- Packing: 20pcs/13kg/ 14kg/ 1'



NEW

Applicable For The Size of Bits



- Bit Size:
Φ3/32"-1"L, Φ1/8"-1/2"L, Φ1/8"-1"L,
Φ5/32"-9/16"L, Φ3/16"-9/16"L,
Φ1/4"-5/8"L, Φ5/16"-5/8"L

Model No.	Spindle Thread	Horse Power		Free Speed	Net Weight		Overall Length		Air Inlet	Air Pressure		Air Cons.		Hose Size	
	主軸螺紋	馬力		無負載轉速	重量		長度		進氣口	空氣壓力		耗氣量		氣管	
	UNF	HP	W	R.P.M	lb	kg	Inch	mm	NPT(PT)	psi	bar	CFM	L/min	Inch	mm
SA8319NR	-	1.0	746	500	3.75	1.70	12.60	320	1/4"	90	6.2	4.00	113	3/8	10
SA6647	1/4"-28T	0.35	261	3,000	1.65	0.75	9.65	245	1/4"	90	6.2	1.36	38	3/8	10
SA6648	1/4"-28T	0.35	261	3,000	1.32	0.60	10.43	265	1/4"	90	6.2	1.36	38	3/8	10

Air Angle Drills (Aircraft Tools)

SA6639A 2,500 RPM
SA6639B 3,300 RPM
SA6639C 4,500 RPM

★ ★ ★



90° Industrial Angle Drill
 (Thread Type 1/4"-28)



SA6643A 2,500 RPM
SA6643B 3,300 RPM
SA6643C 4,500 RPM

90° Industrial Angle Drill
 (Collect Type: 9/32"-40 UNF,
 Collect Size: 2.0-5.9mm)

SA6640A 2,500 RPM
SA6640B 3,300 RPM
SA6640C 4,500 RPM

★ ★ ★



30° Industrial Angle Drill
 (Thread Type 1/4"-28)



SA6644A 2,500 RPM
SA6644B 3,300 RPM
SA6644C 4,500 RPM

30° Industrial Angle Drill
 (Collect Type: 9/32"-40 UNF,
 Collect Size: 2.0-5.9mm)

SA6641A 2,200 RPM
SA6641B 2,900 RPM
SA6641C 4,000 RPM

★ ★ ★



360° Industrial Angle Drill
 (Thread Type 1/4"-28)



SA6645A 2,200 RPM
SA6645B 2,900 RPM
SA6645C 4,000 RPM

360° Industrial Angle Drill
 (Collect Type: 9/32"-40 UNF,
 Collect Size: 2.0-5.9mm)

SA6642A 2,500 RPM
SA6642B 3,300 RPM
SA6642C 4,500 RPM

★ ★ ★



L-Type Industrial Angle Drill
 (Thread Type 1/4"-28)



- Rear Exhaust
- Horse Power: 0.45 HP
- Spindle Thread: 1/4"-28
- Vibration: 2.5 m/s²

Optional Accessories

For Thread Type Repl Head

SA6639-R

90° Repl Head For
SA6639A(B)(C)

SA6640-R

30° Repl Head For
SA6640A(B)(C)

SA6641-R

360° Repl Head For
SA6641A(B)(C)

SA6642-RL

L-Type Repl Head For
SA6642A(B)(C)

Table For Thread Type 1/4"-28 (Rear Exhaust)

Model No.	Horse Power		Free Speed	Net Weight		Overall Length		Air Inlet	Air Pressure		Air Cons.		Hose Size		Sound Level	Vibration
	馬力		無負載轉速	重量		長度		進氣口	空氣壓力		耗氣量		氣管		噪音值	震動值
	HP	W	R.P.M	lb	kg	Inch	mm	NPT(PT)	psi	bar	CFM	L/min	Inch	mm	dBA	m/s ²
SA6639A	0.45	336	2,500	1.43	0.65	9.25	235	1/4"	90	6.2	4.5	127	3/8	10	85	2.5
SA6639B	0.45	336	3,300	1.43	0.65	9.25	235	1/4"	90	6.2	4.5	127	3/8	10	85	2.5
SA6639C	0.45	336	4,500	1.43	0.65	9.25	235	1/4"	90	6.2	4.5	127	3/8	10	85	2.5
SA6640A	0.45	336	2,500	1.45	0.66	9.92	252	1/4"	90	6.2	4.5	127	3/8	10	85	2.5
SA6640B	0.45	336	3,300	1.45	0.66	9.92	252	1/4"	90	6.2	4.5	127	3/8	10	85	2.5
SA6640C	0.45	336	4,500	1.45	0.66	9.92	252	1/4"	90	6.2	4.5	127	3/8	10	85	2.5
SA6641A	0.45	336	2,200	1.52	0.69	10.12	257	1/4"	90	6.2	4.5	127	3/8	10	85	2.5
SA6641B	0.45	336	2,900	1.52	0.69	10.12	257	1/4"	90	6.2	4.5	127	3/8	10	85	2.5
SA6641C	0.45	336	4,000	1.52	0.69	10.12	257	1/4"	90	6.2	4.5	127	3/8	10	85	2.5
SA6642A	0.45	336	2,500	1.70	0.77	12.40	315	1/4"	90	6.2	4.5	127	3/8	10	85	2.5
SA6642B	0.45	336	3,300	1.70	0.77	12.40	315	1/4"	90	6.2	4.5	127	3/8	10	85	2.5
SA6642C	0.45	336	4,500	1.70	0.77	12.40	315	1/4"	90	6.2	4.5	127	3/8	10	85	2.5

Carbide Rotary Burrs (Aircraft Tools)

RB-14BF323 1/4" Shank, Cutter Dia. 1/2"
RB-06BF177 6mm Shank, Cutter Dia. 12.7mm
Carbide Rotary Burrs- Arch Ball Nose (Double Cut)

• Coating: Uncoated



RB-14BG308 1/4" Shank, Cutter Dia. 1/2"
RB-06BG409 6mm Shank, Cutter Dia. 12.7mm
Carbide Rotary Burrs- Arch Pointed Nose (Double Cut)

• Coating: Uncoated



RB-14BK316 1/4" Shank, Cutter Dia. 3/8"
RB-14BK346 1/4" Shank, Cutter Dia. 5/8"
RB-06BK160 6mm Shank, Cutter Dia. 10mm
RB-06BK235 6mm Shank, Cutter Dia. 16mm
Carbide Rotary Burrs- Conical Ball Nose (Double Cut)

• Coating: Uncoated



RB-14BC458 1/4" Shank, Cutter Dia. 1/2"
RB-06BC616 6mm Shank, Cutter Dia. 6mm
RB-06BC252 6mm Shank, Cutter Dia. 10mm
RB-06BC297 6mm Shank, Cutter Dia. 12.7mm
Carbide Rotary Burrs- Cylindrical Ball Nose (Double Cut)

• Coating: Uncoated



RB-14BM234 1/4" Shank, Cutter Dia. 3/4"
RB-06BM123 6mm Shank, Cutter Dia. 19mm
Carbide Rotary Burrs- Inverted Cone (Double Cut)

• Coating: Uncoated



RB-148K-3 8 pcs
1/4" Shank Carbide Burr Set (Double Cut)

Contents:

- 1PC (Cutter) Dia. 1/2", Length: 1", 1/4" Shank, Overall Length: 3"
- 1PC (Cutter) Dia. 3/8", Length: 3/4", 1/4" Shank, Overall Length: 2-3/4"
- 1PC (Cutter) Dia. 3/8", Length: 3/4", 1/4" Shank, Overall Length: 2-3/4"
- 1PC (Cutter) Dia. 1/4", Length: 3/4", 1/4" Shank, Overall Length: 2"
- 1PC (Cutter) Dia. 1/4", Length: 7/32", 1/4" Shank, Overall Length: 2"
- 1PC (Cutter) Dia. 3/8", Length: 5/16", 1/4" Shank, Overall Length: 2-5/16"
- 1PC (Cutter) Dia. 3/8", Length: 3/4", 1/4" Shank, Overall Length: 2-3/4"
- 1PC (Cutter) Dia. 1/2", Length: 1", 1/4" Shank, Overall Length: 3"



RB-1820K 20 pcs
1/8" Shank Diamond Rotary File Set

• Overall Length: 150mm



Optional Type 類型

- Cylindrical Plain End
- Oval • Flame • 60° Cone
- 90° Cone • Conical Pointed Nose

Optional Flute Styles 齒型

- Alumina Cut • Inox Cut • Steel Cut
- Fine Finishing Cut • Difficult Conditions Cut
- Cast Iron Cut • Diamond Cut • Coarse Cut
- Single Cut • Chipbreaker Cut • Fine Cut

Optional Coating 塗層

- TiAIN • TiN • TiSiN • TiSiN
- BlueNACO
- DLC (Special for aluminium cut)

Industrial Shut-Off Air Screwdrivers

- **New Cyclone Motor:**

The patent motor is with 60% more torque power, 30~40% Less counterforce, 5~6 dB(A) less noise level compare with the AIRPRO's original version.

- **Complete Torque Accuracy:**

The ISO5393 B class CPK value torque deviation (CPK value > 1.33) is with low vibration (<2.5 m/s²), torque repetitive accuracy +/-2%, and wider torque range.

- **New Reverse Button:**

Only by pressing the reverse button, users can easily change to the reverse direction without lifting the tool away from work piece. Please check the chart of torque & free speed comparison.

- **U Window to Display the Patent Mechanical Torque Value:**

The torque can easily to be read and adjusted. Please check the charts of comparison between old & new version.



R-PUH Series Industrial Shut-Off Air Screwdriver

★★★



**Straight Type Push Start
Reverse Button**

R-LUH Series Industrial Shut-Off Air Screwdriver

★★★



**Straight Type Lever Start
Reverse Button**

R-AUH Series Industrial Shut-Off Air Screwdriver

★★★



**Angle Type Lever Start
Reverse Button**

Model No.			Torque Range		Free Speed	Mini Air Hose ID	Air Pressure	Air Cons.	Noise Level	Repeatability	Net Weight 重量		
			扭力		無負載轉速	氣管	氣壓	耗氣量	噪音值	%	Push	Lever	Angle
Push Start	Lever Start	Angle Type	Nm	Kgf-cm	R.P.M	mm	kg/cm ²	L / S	±2dBA	P/L	kg (lb)	kg (lb)	kg (lb)
SA-R025PUH3200	SA-R025LUH3200	SA-R025AUH3200	0.5 - 2.5	5.1 - 25.5	3,200	5	6	6	74	±2	0.50 (1.10)	0.60 (1.32)	0.70 (1.54)
SA-R030PUH2200	SA-R030LUH2200	SA-R030AUH2200	0.5 - 3.0	5.1 - 30.6	2,200	5	6	6	74	±2	0.50 (1.10)	0.60 (1.32)	0.70 (1.54)
SA-R050PUH850	SA-R050LUH850	SA-R050AUH850	0.4 - 5.0	4.1 - 51.0	850	5	6	6	74	±2	0.50 (1.10)	0.60 (1.32)	0.70 (1.54)
SA-R050PUH1400	SA-R050LUH1400	SA-R050AUH1400	0.7 - 5.0	7.1 - 51.0	1,400	5	6	6	74	±2	0.50 (1.10)	0.60 (1.32)	0.70 (1.54)
SA-R070PUH500	SA-R070LUH500	SA-R070AUH500	1.1 - 7.0	11.2 - 71.4	500	5	6	6	74	±2	0.50 (1.10)	0.60 (1.32)	0.70 (1.54)
SA-R110PUH320	SA-R110LUH320	SA-R110AUH320	1.0 - 10.0	10.2 - 102.0	320	5	6	6	74	±2	0.60 (1.32)	0.70 (1.54)	0.80 (1.76)
SA-R095PUH2200	SA-R095LUH2200	SA-R095AUH2200	3.0 - 9.5	30.6 - 96.9	2,200	8	6	10	78	±2	1.14 (2.51)	1.24 (2.73)	1.34 (2.95)
SA-R180PUH1000	SA-R180LUH1000	SA-R180AUH1000	3.0 - 18.0	30.6 - 183.6	1,000	8	6	10	78	±2	1.17 (2.58)	1.27 (2.80)	1.37 (3.02)
SA-R280PUH550	SA-R280LUH550	SA-R280AUH550	5.0 - 28.0	51.0 - 285.6	550	8	6	10	78	±2	1.18 (2.60)	1.28 (2.82)	1.38 (3.04)

Oil Pulse Low Recoil Straight Type Shut-Off Air Screwdrivers

Three-Kinetic Energy Motor Design

- The new generation motor doubles the performance of the tool, increases work efficiency and is more powerful.

New Oil Pulse Clutch Design

- The innovative patented design. Tripartite dynamic sourcing mechanism.
- Thanks to the synergistic effects of the tripartite dynamic sourcing design, it significantly boosts motor speed and power.



Rapidity

- Quick pull the bit sleeve to change the bit easily.

Extended Lever Design

- The extended lever design and ergonomic grip make it more comfortable and easier for operators to use.



Standard Deviation

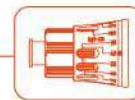
± 3%

Forward and Reverse Switch

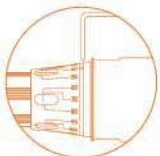
- The forward and reverse switch design facilitates effortless locking and removal of screws with the tool.

Torque Value Indicator Window

- Display the precise torque value of each tool. Operators can fine-tune the torque to their desired level using the torque ring scale, streamlining tasks for increased ease and efficiency.
- Nm, Kgf-cm or in-lbs display available upon request.**



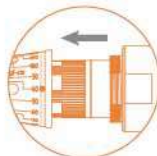
Replenish Hydraulic Oil



- 1-** Utilize an M3 hex wrench to disengage the M3 screws of the scale ring.

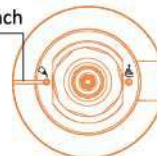


- 2-** Turn off the torque scale ring.

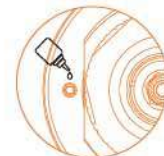


- 3-** Remove the torque scale ring.

M3 Hex Wrench



- 4-** Fix the tool with the screwdriver head facing upwards, and use an M3 hex wrench to remove the two M3 screws on the torque housing. [At the two holes engraved with the icon]



- 5-** Pour oil into the area marked with the refueling M3 hex wrench icon until the oil level is flush with the screw hole. [It is recommended to use a needle oil bottle (Group II Base Oil 70N)]

R-PVH Series

Oil Pulse Low Recoil
w/Torque Display Shut-Off Air Screwdriver



Straight Type Push Start

R-LVH Series

Oil Pulse Low Recoil
w/Torque Display Shut-Off Air Screwdriver



Straight Type Lever Start

Model No.		Torque Range		Free Speed	Mini Air Hose ID	Air Pressure	Air Cons.	Noise Level	Standard Deviation	Net Weight 重量		Length 長度		Fastening Capacity	
		扭力		無負載轉速	氣管	氣壓	耗氣量	噪音值	%	Push	Lever	Push	Lever	Machine Screw Dia.	Tapping Screw Dia.
Push Start	Lever Start	Nm	Kgf-cm	R.P.M	mm	kg/cm²	m³/min	±2dBA	P/L	kg (lb)	kg (lb)	inch (mm)	inch (mm)		
SA-R180PVH3000	SA-R180LVH3000	5 - 18	50-108	2,500	8	6	0.55	74	± 3	1.1 (2.43)	1.2 (2.65)	9(228)	9.5(242)	M6.4-M8.7	M5.0-M7.2

Straight Type Full Auto Shut-Off Screwdrivers

SA-A-SSP Series

Full Auto Shut Off Screwdriver



**Straight Type Push Start
(Small Size)**

SA-A-SLP Series

Full Auto Shut Off Screwdriver



**Straight Type Push Start
(Large Size)**

Model No.	Hex. Size	Free Speed	Torque Range			Overall Length		Weight	
	六角尺寸	空轉速度	扭力範圍			長度		重量	
	Inch	RPM	kg-cm	Nm	lbf-ft	Inch	mm	kg	lb

SA-A-SSP Series Small Full Auto Shut Off Screwdriver (Straight Push Type)

SA-A017SSP	1/4	1,800	3 - 17	0.29 - 1.66	0.21 - 1.22	7.87	200	0.48	1.06
SA-A002SSP	1/4	1,000	0.5 - 2	0.05 - 0.20	0.04 - 0.14	7.87	200	0.48	1.06
SA-A008SSP	1/4	1,000	1 - 8	0.1 - 0.78	0.07 - 0.58	7.87	200	0.48	1.06
SA-A020SSP	1/4	2,200	3 - 20	0.29 - 1.96	0.22 - 1.44	7.87	200	0.48	1.06
SA-A025SSP	1/4	1,800	3 - 25	0.29 - 2.45	0.22 - 1.80	7.87	200	0.48	1.06
SA-A030SSP	1/4	1,000	5 - 30	0.49 - 2.94	0.36 - 2.16	7.87	200	0.48	1.06
SA-A040SSP	1/4	800	8 - 40	0.78 - 3.92	0.58 - 2.88	7.87	200	0.48	1.06

SA-A-SLP Series Large Full Auto Shut Off Screwdriver (Straight Push Type)

SA-A045SLP	1/4	1,700	5 - 45	0.49 - 4.41	0.36 - 3.24	9.06	230	0.85	1.87
SA-A050SLP	1/4	1,400	7 - 50	0.69 - 4.90	0.50 - 3.60	9.06	230	0.85	1.87
SA-A065SLP	1/4	1,000	7 - 65	0.69 - 6.37	0.50 - 4.68	9.06	230	0.85	1.87
SA-A095SLP	1/4	550	15 - 95	1.47 - 9.31	1.08 - 6.84	9.06	230	0.85	1.87
SA-A180SLP	1/4	300	30 - 180	2.94 - 17.64	2.16 - 12.96	9.06	230	0.87	1.92
SA-A280SLP	1/4	250	50 - 280	4.90 - 27.44	3.60 - 20.16	9.06	230	0.87	1.92

Straight Type Cushion Clutch Air Screwdrivers

SA-SSL Series



Cushion Clutch Air Screwdriver



Straight Type Lever Start
(Small Size)

SA-SLL Series



Cushion Clutch Air Screwdriver



Straight Type Lever Start
(Large Size)

Model No.	Hex. Size	Free Speed	Torque Range			Overall Length		Weight	
	六角尺寸	空轉速度	扭距範圍			長度		重量	
	Inch	RPM	kg-cm	Nm	lbf-ft	Inch	mm	kg	lb

SA-SSL Series Small Cushion Clutch Screwdriver (Straight Lever Type)

SA-017SSL	1/4	1,800	3 - 17	0.29 - 1.67	0.21 - 1.22	9.06	230	0.58	1.28
SA-002SSL	1/4	1,000	0.5 - 2	0.05 - 0.20	0.04 - 0.14	9.06	230	0.58	1.28
SA-008SSL	1/4	1,000	1 - 8	0.10 - 0.78	0.07 - 0.58	9.06	230	0.58	1.28
SA-020SSL	1/4	2,200	3 - 20	0.29 - 1.96	0.22 - 1.44	9.06	230	0.58	1.28
SA-025SSL	1/4	1,800	3 - 25	0.29 - 2.45	0.22 - 1.80	9.06	230	0.58	1.28
SA-030SSL	1/4	1,000	5 - 30	0.49 - 2.94	0.36 - 2.16	9.06	230	0.58	1.28
SA-040SSL	1/4	800	8 - 40	0.78 - 3.92	0.58 - 2.88	9.06	230	0.58	1.28

SA-SLL Series Large Cushion Clutch Screwdriver (Straight Lever Type)

SA-045SLL	1/4	1,700	5 - 45	0.49 - 4.41	0.36 - 3.24	10.24	260	0.94	2.07
SA-050SLL	1/4	1,400	7 - 50	0.69 - 4.90	0.50 - 3.60	10.24	260	0.94	2.07
SA-065SLL	1/4	1,000	7 - 65	0.69 - 6.37	0.50 - 4.68	10.24	260	0.94	2.07
SA-095SLL	1/4	550	15 - 95	1.47 - 9.31	1.08 - 6.84	10.24	260	0.94	2.07
SA-180SLL	1/4	300	30 - 180	2.94 - 17.64	2.16 - 12.96	10.24	260	0.96	2.12
SA-280SLL	1/4	250	50 - 280	4.90 - 27.44	3.60 - 20.16	10.24	260	0.96	2.12

90° Full Auto Shut-Off Screwdrivers & Wrenches

SA-A-ASLS Series Screwdriver
SA-A-ASLW Series Wrench
 90° Full Auto Shut Off Screwdriver & Wrench

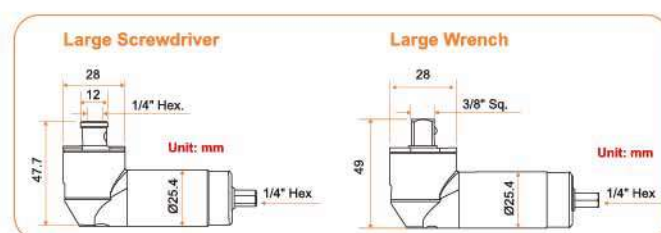
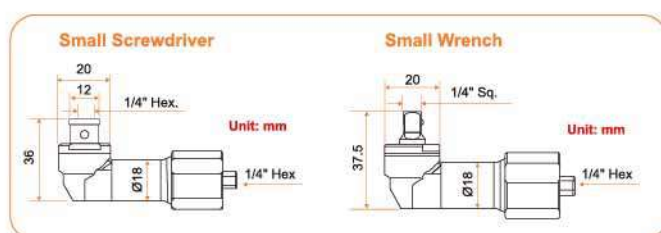


Angle Type Lever Start
(Small Size)

SA-A-ALLS Series Screwdriver
SA-A-ALLW Series Wrench
 90° Full Auto Shut Off Screwdriver & Wrench



Angle Type Lever Start
(Large Size)



Model No.	Hex. Size	Free Speed	Torque Range			Weight	
	六角尺寸	空轉速度	扭力範圍			重量	
	Inch	RPM	kg-cm	Nm	lbf-ft	kg	lb
SA-A-ASLS Series Small Full Auto Shut Off Screwdriver (Angle Lever Type)							
SA-A030ASLS	1/4" Hex.	1,000	5 - 30	0.49 - 2.94	0.36 - 2.16	0.66	1.46
SA-A-ASLW Series Small Full Auto Shut Off Wrench (Angle Lever Type)							
SA-A030ASLW	1/4" Sq.	1,000	5 - 30	0.49 - 2.94	0.36 - 2.16	0.66	1.46
SA-A-ALLS Series Large Full Auto Shut Off Screwdriver (Angle Lever Type)							
SA-A045ALLS	1/4" Hex.	1,800	5 - 45	0.49 - 4.41	0.36 - 3.24	1.1	2.43
SA-A095ALLS	1/4" Hex.	550	15 - 95	1.47 - 9.31	1.08 - 6.84	1.2	2.65
SA-A180ALLS	1/4" Hex.	300	30 - 180	2.94 - 17.64	2.16 - 12.96	1.4	3.09
SA-A280ALLS	1/4" Hex.	250	50 - 280	4.90 - 27.44	3.60 - 20.16	1.4	3.09
SA-A-ALLW Series Large Full Auto Shut Off Wrench (Angle Lever Type)							
SA-A045ALLW	3/8" Sq.	1,800	5 - 45	0.49 - 4.41	0.36 - 3.24	1.1	2.43
SA-A095ALLW	3/8" Sq.	550	15 - 95	1.47 - 9.31	1.08 - 6.84	1.2	2.65
SA-A180ALLW	3/8" Sq.	300	30 - 180	2.94 - 17.64	2.16 - 12.96	1.4	3.09
SA-A280ALLW	3/8" Sq.	250	50 - 280	4.90 - 27.44	3.60 - 20.16	1.4	3.09

Pistol Type Full Auto Shut-Off & Cushion Clutch Air Screwdrivers

SA-A-PST Series

Full Auto Shut Off Screwdriver



Pistol Type Trigger Start
(Small Size)

SA-A-PLT Series

Full Auto Shut Off Screwdriver



Pistol Type Trigger Start
(Large Size)

SA-A-PSC Series

Cushion Clutch Air Screwdriver



Pistol Type Trigger Start
(Small Size)

SA-A-PLC Series

Cushion Clutch Air Screwdriver



Pistol Type Trigger Start
(Large Size)

Model No.	Hex. Size	Free Speed	Torque Range			Weight	
	六角尺寸	空轉速度	扭矩範圍			重量	
	Inch	RPM	kg-cm	Nm	lbf-ft	kg	lb
SA-A-PST Series Small Auto Shut Off Screwdriver (Pistol Type Trigger Start)							
SA-A020PST	1/4	2,200	3 - 20	0.29 - 1.96	0.22 - 1.44	0.69	1.52
SA-A025PST	1/4	1,800	3 - 25	0.29 - 2.45	0.22 - 1.80	0.69	1.52
SA-A035PST	1/4	1,000	5 - 35	0.49 - 3.43	0.36 - 2.52	0.69	1.52
SA-A1050PST	1/4	550	10 - 50	0.98 - 4.90	0.72 - 3.60	0.69	1.52
SA-A0750PST	1/4	1,000	7 - 50	0.69 - 4.90	0.50 - 3.60	0.69	1.52
SA-A-PLT Series Large Auto Shut Off Screwdriver (Pistol Type Trigger Start)							
SA-A060PLT	1/4	2,200	10 - 60	0.98 - 5.88	0.72 - 4.32	1.03	2.27
SA-A075PLT	1/4	1,000	12 - 75	1.18 - 7.35	0.86 - 5.40	1.03	2.27
SA-A110PLT	1/4	550	30 - 110	2.94 - 10.78	2.16 - 7.92	1.03	2.27
SA-A180PLT	1/4	300	30 - 180	2.94 - 17.64	2.16 - 12.96	1.15	2.54
SA-A280PLT	1/4	250	50 - 280	4.90 - 27.44	3.60 - 20.16	1.15	2.54
SA-PSC Series Small Cushion Screwdriver (Pistol Type Trigger Start)							
SA-005PSC	1/4	1,600	0.5 - 5	0.05 - 0.49	0.04 - 0.36	0.65	1.43
SA-007PSC	1/4	750	0.5 - 7	0.05 - 0.69	0.04 - 0.50	0.65	1.43
SA-PLC Series Large Cushion Screwdriver (Pistol Type Trigger Start)							
SA-071PLC	1/4	1,700	10.2 - 71.4	1 - 7	0.74 - 5.14	0.92	2.03
SA-133PLC	1/4	750	10.2 - 133	1 - 13	0.74 - 9.55	0.92	2.03



Wireless Torque Controllers

Features:

- With a patented control algorithm and device, capable of precisely regulating the output torque of both continuous and discontinuous air-driven torque tools, including air impact wrenches, air ratchet wrenches, air oil pulse wrenches, and geared torque multipliers, irrespective of the tool brand and its inherent mechanism. This system boasts proven exceptional control accuracy and durability.
- The programmable feature enables precise bolting sequence control when utilizing tagged or sensing bolts, enhancing operational efficiency and accuracy.
- Addresses challenges related to torque loss stemming from fluctuations in joint hardness, temperature elevation of hydraulic fluid in pulse tools, or variations in tool handling posture during continuous operation. Automatically compensates for dynamic torque loss within its designated working torque range.

- Blue: Tightening Process
- Green: Transducer Connected



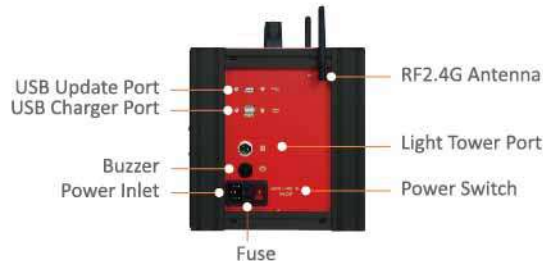
WTC-2000A



- Green: Tightening Process
- Blue: RF Connected
- Red: Bluetooth Connected



WTC-2000B



Application

- Pulse Wrench: Transducer mode (Work with transducer), Pressure mode (Without transducer), Track mode (For soft joint).
- Torque wrench: Torque, Torque + Angle, Click wrench track mode, Click wrench inspection mode.
- Impact Wrench: Transducer mode (Work with transducer), Pressure mode (Work without transducer), Track mode (For soft joint).
- Job sequence • Geared Wrench (Opt. mode) • Torque Tester (Opt. mode) • Torque multiplier (Opt. mode)

Specification

- Signal Source: Torque Transducer, Air Pressure Sensor, Sensing Bolt or Tagged Bolt. • Torque Revise: Deviation & Replacement.
- Target Torque Setting: Any target torque value can be selected and inputted within the calibrated torque range.
- Working air pressure : Automatic adjusted to correspondent target torque (Inlet Air Pressure between 100~120psi is recommended).
- Air flow rate: Only **WTC-2000A/ WTC-2000B** equipped with digital flow meter. Turn the tool air flow regulator to maximum, the system will regulate the proper flow rate to correspondent target torque automatically.
- Bolting in stages: Preset the bolting stages and percentage of target torque for each stage from 1 to 4 stages as required. The system will regulate the air pressure and flow rate correspondently.
- Number of bolts: Preset the number of bolts to be fastened. Only when all bolts of each stage fastened, the system will switch to next stage and regulate the air pressure and flow rate correspondently and automatically.
- Torque Compensation: The system will compensate the torque loss that may be caused by the variation in the bolted joint hardness or the rise in temperature of hydraulic fluid of pulse wrench or the posture of operator to hold the tool during the process automatically within its allowable working air pressure range.
- Remote monitoring: Via Internet or Ethernet with **VNC** to monitor data on cell phone, tablet and PC, or to do parameter setting on the torque controller.
- Operation Management: Constraints Via permission setting to access the operable functions such as logging the operator's ID and duration of operation.
- Torque Control Accuracy: $\pm 5\% \sim \pm 15\%$. • Job Sequence: Support 10 sets of torque tool preset available for bolting sequentially.
- Production Record: Traceable through USB, Ethernet or exported to the cloud server through wired or wireless connections.

Wireless Torque Controllers

WTC-2000A

Torque Controller
w/ 10" Touch Panel



WTC-2000B

Torque Controller
w/ NB/ Tablet



Optional Accessories

WTT-WL-24V

24V Tri-color Light Pole
w/ Buzzer



Model No.		WTC-2000A	WTC-2000B
Max. Flow Rate		2000 L/min	2000 L/min
Touch Panel Size		10" Touch Panel	NB / Tablet
Power Source		AC 100V~240V /2A	AC 100V~240V /2A
Connection Port	USB	1	1
	RS232	2	1
	RJ45	1	N/A
Wireless Antenna	RF2.4G	2	1
BT Antenna		●	1
Speaker		1	1
Light Tower Output Port		1	1
Buzzer		80dB	80dB
USB Charger Port		2	1
Flow Rate Detection		●	X
Automatic Flow rate Control		●	X
Operation Mode	Oil Pulse Wrench	●	●
	Air Impact Wrench	●	●
	Manual Torque Wrench	●	●
	Air Torque Multiplier	●	●
	Job Sequence	●	●
Control Accuracy	Static Torque (%)	±1 ~ ±5%	±1 ~ ±5%
	Dynamic Torque (%)	±5 ~ ±15%	±5 ~ ±15%
Thread Size	Inlet	1/2" NPT	1/2" NPT
	Outlet	1/2" NPT	1/2" NPT
System Parameter		●	●
Static Torque		●	● (Torque & Angle)
Dynamic Torque		●	●
Multi-Stage Training		X	●
Job Sequence (Dynamic & Stastic)		Dynamic	Dynamic + Stastic
Tyre Assembly System		X	●
Display		HMI on-board	On-board or Separate display
Job Data		Total number of bolts	Single Day Report, Single Job Report & Bolts Counting
Cloud		FTB	WEB
Job Data Export		All Data in Excel Format	Can Choose of Date to Export in Excel, PDF or CSV Format
Job Data Memory		150K	No Limit
Torque Curve Display		X	●
Dimensions	Length(L)	370mm	320mm
	Width(W)	214mm	217mm
	High(H)	266mm	210mm
Net Weight		10.5 ±0.5 kg	6 ±0.5 kg

Wireless Torque Transducers

Features:

- Patented anti-vibration mechanism, specifically engineered to endure the intense oscillations experienced by intermittent torque tools during assembly processes.
- Optimal for
 - Dynamic torque management of pneumatic impact wrenches, oil pulse wrenches for closed-loop torque regulation.
 - Oil pulse wrenches, clutch-type torque tools, or torque tools featuring integrated torque mechanisms for pre-work calibration and live torque monitoring during assembly, with instant data display on a tablet via a Dongle and **APP**, facilitating seamless transmission to peripheral devices or cloud servers.
 - Utilizing click wrench technology to instantly capture torque data upon audible click, rendering the click visible for immediate analysis.
- The singular wireless Torque Transducer tailored for utilization with impact or oil pulse torque tools in dynamic bolting applications.
- Crafted with an innovative patent-pending anti-vibration mechanism specifically engineered for dynamic bolting torque control amidst severe impacts.



Application

- Oil Pulse Wrench, Impact Wrench, Geared Wrench, Torque Wrench, Clutch Type Screwdriver, Torque Tool & Click Wrench.

Specification

- Measurement: Torque, Angular Movement & Pulse Count.
- RF Working Frequency: 60 channels available to be paired with **WTC-A/ WTC-B**.
- Functions Check: Automatic check the status of power rate, signal quality, torque & angle, etc. when turned on.
- Switch: Use magnet to turn on.
- LED Light:
 - Blue/Orange twin color:** Orange last long~Low Power, Blue last long~RF in communication, Blue twinkling~pairing with Controller, Orange Twinkling~Abnormal.
 - Red/Green twin color:** Red~In Charging, Green~Full Charge.
- Standard Packaging: Torque Transducer, Charging Cable & Magnet Switch.
- Charger : Type-C 5V/1A • IO(1): USB Type-C *1
- IO(2) Wireless: RF 2.4G up-to 20M
- Zero Balance: $\leq \pm 0.5\%$ FSD/ $^{\circ}\text{C}$
- Static Accuracy: $\pm 1\%$ FSD • Temperature: $-10^{\circ}\text{C} \sim 60^{\circ}\text{C}$
- Humidity: 10~75% Non-condensing
- Charging time: 5% to 100%, 2 hours.

Optional Accessories

WTT-D-CP (For Android)
WTT-D-WIN (For Window)
 Dongle



	Window	android
Operating system	Windows 10	Android 7.0 or above
Minimum CPU	Core i3	Quad core
Minimum system memory (RAM)	4G	3G
Minimum free storage space	32GB	32GB

WTT-100TPC (For 20/50/100Nm)
WTT-250TPC (For 180/250Nm)
WTT-500TPC (For 500/750Nm)
WTT-2000TPC (For 1000/1500/2000Nm)
 Protection Cover



Wireless Torque Transducers

WTT-S-S(H)-D (B)(L) Series

Wireless Torque Transducer
(Dynamic Type)
w/ Protective Casing

- S: Sq. Dr
- H: Hex.
- B: Detent Ball
- w/o B: Lock Pin
- L: Extended



B: Detent Ball



w/o B: Lock Pin



WTT-S-S(H)-S (B)(L) Series

Wireless Torque Transducer
(Static Type)
w/ Protective Casing

- S: Sq. Dr
- H: Hex.
- B: Detent Ball
- w/o B: Lock Pin
- L: Extended



WTT-H-H-C Series

Wireless Torque Transducer
(Clutch Type)

- Clutch Type Pneumatic/
Electric Screwdriver Only
- w/ Bit Holder
- H: Hex.



Model No.	Torque Range	Inlet Size	Outlet Size	Profile Dia. O.D.X Length	Net Weight		Battery Capacity
	Nm	Inch(mm)	Inch(mm)	mm	kg	lb	V/ mAh
Wireless Torque Transducer (Dynamic Type)							
WTT-S38S38-D20 (B)	2 - 16	3/8	3/8	45 x 83	0.18	0.40	DC3.7V/ 650mAh
WTT-S38S38-D50 (B)	5 - 40	3/8	3/8	45 x 83	0.20	0.44	DC3.7V/ 650mAh
WTT-S38S12-D100 (B)	10 - 80	3/8	1/2	45 x 90	0.21	0.46	DC3.7V/ 650mAh
WTT-S12S12-D180 (B)	18 - 145	1/2	1/2	45 x 97	0.26	0.57	DC3.7V/ 650mAh
WTT-S12S12-D250 (B)	25 - 200	1/2	1/2	45 x 97	0.35	0.77	DC3.7V/ 650mAh
WTT-S12S34-D500	50 - 400	1/2	3/4	57 x 114	0.70	1.54	DC3.7V/ 650mAh
WTT-S34S34-D750	75 - 600	3/4	3/4	57 x 114	0.75	1.65	DC3.7V/ 650mAh
WTT-S1S1-D1000	100 - 800	1	1	57 x 127	0.85	1.87	DC3.7V/ 650mAh
WTT-S1S1-D1500	150 - 1200	1	1	57 x 134	0.95	2.09	DC3.7V/ 650mAh
WTT-S1S112-D2000	200 - 1600	1	1-1/2	57 x 144	1.14	2.51	DC3.7V/ 650mAh
WTT-S112S112-D3000	300 - 2400	1-1/2	1-1/2	86 x 166	3.80	8.38	DC3.7V/ 650mAh
WTT-S12H17M-D180L	18 - 145	1/2	Hex.17	45 x 134	0.50	1.10	DC3.7V/ 650mAh
WTT-S12H19M-D180L	18 - 145	1/2	Hex.19	45 x 134	0.50	1.10	DC3.7V/ 650mAh
WTT-S12H21M-D180L	18 - 145	1/2	Hex.21	45 x 131	0.50	1.10	DC3.7V/ 650mAh
WTT-S12H18M-D250L	25 - 200	1/2	Hex.18	45 x 94	0.28	0.62	DC3.7V/ 650mAh
WTT-S12H24M-D250L	25 - 200	1/2	Hex.24	45 x 97	0.34	0.75	DC3.7V/ 650mAh
WTT-S12H27M-D500L	50 - 400	1/2	Hex.27	57 x 102	0.70	1.54	DC3.7V/ 650mAh
WTT-S34H27M-D500L	50 - 400	3/4	Hex.27	57 x 111	0.75	1.65	DC3.7V/ 650mAh
WTT-S34H46M-D750L	75 - 600	3/4	Hex.46	57 x 128	0.80	1.76	DC3.7V/ 650mAh
WTT-S1H30M-D1000L	100 - 800	1	Hex.30	57 x 169	1.65	3.64	DC3.7V/ 650mAh
Wireless Torque Transducer (Static Type)							
WTT-S38S38-S20 (B)	2 - 20	3/8	3/8	45 x 83	0.18	0.40	DC3.7V/ 650mAh
WTT-S38S38-S50 (B)	5 - 50	3/8	3/8	45 x 83	0.20	0.44	DC3.7V/ 650mAh
WTT-S38S12-S100 (B)	10 - 100	3/8	1/2	45 x 90	0.21	0.46	DC3.7V/ 650mAh
WTT-S12S12-S180 (B)	18 - 180	1/2	1/2	45 x 97	0.26	0.57	DC3.7V/ 650mAh
WTT-S12S34-S250	25 - 250	1/2	3/4	45 x 104	0.35	0.77	DC3.7V/ 650mAh
WTT-S34S34-S500	50 - 500	3/4	3/4	57 x 114	0.55	1.21	DC3.7V/ 650mAh
WTT-S34S1-S750	75 - 750	3/4	1	57 x 114	0.75	1.65	DC3.7V/ 650mAh
WTT-S1S1-S1000	100 - 1000	1	1	57 x 127	0.85	1.87	DC3.7V/ 650mAh
WTT-S1S1-S1500	150 - 1500	1	1	57 x 134	0.95	2.09	DC3.7V/ 650mAh
WTT-S1S112-S2000	200 - 2000	1	1-1/2	57 x 144	1.14	2.51	DC3.7V/ 650mAh
WTT-S112S112-S3000	300 - 3000	1-1/2	1-1/2	86 x 166	3.80	8.38	DC3.7V/ 650mAh
WTT-S12H17M-S180L	18 - 180	1/2	Hex.17	45 x 134	0.50	1.10	DC3.7V/ 650mAh
WTT-S12H19M-S180L	18 - 180	1/2	Hex.19	45 x 134	0.50	1.10	DC3.7V/ 650mAh
WTT-S12H21M-S180L	18 - 180	1/2	Hex.21	45 x 131	0.50	1.10	DC3.7V/ 650mAh
WTT-S12H18M-S250L	25 - 250	1/2	Hex.18	45 x 94	0.28	0.62	DC3.7V/ 650mAh
WTT-S12H24M-S250L	25 - 250	1/2	Hex.24	45 x 97	0.34	0.75	DC3.7V/ 650mAh
WTT-S12H27M-S500L	50 - 500	1/2	Hex.27	57 x 102	0.70	1.54	DC3.7V/ 650mAh
WTT-S34H27M-S500L	50 - 500	3/4	Hex.27	57 x 111	0.75	1.65	DC3.7V/ 650mAh
WTT-S34H46M-S750L	75 - 750	3/4	Hex.46	57 x 128	0.80	1.76	DC3.7V/ 650mAh
Wireless Torque Transducer (Clutch Type)							
WTT-H635MH635M-C5	0.5 - 5	Hex.6.35	Hex.6.35	45 x 121	0.15	0.33	DC3.7V/ 650mAh
WTT-H635MH635M-C10	1.0 - 10	Hex.6.35	Hex.6.35	45 x 121	0.15	0.33	DC3.7V/ 650mAh
WTT-H635MH635M-C20	2.0 - 20	Hex.6.35	Hex.6.35	45 x 121	0.15	0.33	DC3.7V/ 650mAh

Air Body Saws

Powerful **1.0 HP** motor with reciprocating crank mechanism (Patent No.:US10,189,173 B1) can cut steel and soft materials including wood, plastic and aluminum. Dust and chip proof design.

- Features:**
- Can cut 3-25mm thick mild steel and steel pipe of diameter 80mm (3.1").
 - Powerful 1.0 HP motor with reciprocating crank mechanism can cut steel and soft materials including wood, plastic and aluminum.
 - 1.2" (30mm) / 1.26"(32mm) stroke for fast and efficient cutting.
 - 180° swivel vibration damping handle.
 - Suitable for various brands of saw blades on the market.



SA8289A For Cutting Metal ★★

2 in 1 Air Body Saw
w/ 2pc 14T & 18T Saw Blade

- Blow Per Minute: 2,400 SPM
- Horse Power: 1 HP (746 W)
- Rear Exhaust

Contents

- 1PC 14T Saw Blades (SA8289A-B14T)
- 1PC 18T Saw Blades (SA8289A-B18T)

SA8289B For Cutting Wood & Nail ★★

2 in 1 Air Body Saw
w/ 2pc 5T & 10T or 14T Saw Blade

- Blow Per Minute: 3,000 SPM
- Horse Power: 1 HP (746 W)
- Rear Exhaust

Contents

- 1PC 5T Saw Blades (SA8289B-5T)
- 1PC 10(14)T Saw Blades (SA8289B-10(14)T)

Optional Accessories

SA8289A-B14T 14T Saw Blade
SA8289A-B18T 18T Saw Blade
SA8289A-B24T 24T Saw Blade



- Plate/ Pipe Thick: 4.0/ 2~5mm (14T), 2.1~4.0/ 1.5~4mm (18T), 1.6~3.1/ 0.5~3mm (24T)
- Pipe Dia.: 50 mm

SA8289A-S14T 14T Saw Blade
SA8289A-S18T 18T Saw Blade
SA8289A-S24T 24T Saw Blade



- Plate/ Pipe Thick: 4.0/ 2~5mm (14T), 2.1~4.0/ 1.5~4mm (18T), 1.6~3.1/ 0.5~3mm (24T)
- Pipe Dia.: 30 mm

SA8289B-5T 5T Saw Blade

- Length: 9.5" For Wood

SA8289B-10T 10T Saw Blade
SA8289B-14T 14T Saw Blade

- Length: 12" For Wood & Nail

Model No.	Stroke Length		Blows Per Minute	Air Cons.		Air Inlet	Air Pressure		Overall Length		Net Weight		Hose Size	
	行程		打撃次數	耗氣量		進氣口	空氣壓力		長度		重量		氣管尺寸	
	Inch	mm	SPM	CFM	L/min	NPT	psi	bar	Inch	mm	lb	kg	Inch	mm
SA8289A	1.20	30	2,400	4.1	116	1/4"	90	6.2	15.6	395	4.84	2.2	3/8	10
SA8289B	1.26	32	3,000	4.1	116	1/4"	90	6.2	15.6	395	4.84	2.2	3/8	10

Air Stamping Hammers

Features

- Clear Legible marking on metal.
- Quick change stamps.
- Suitable for steel, aluminum, brass.

SA8771-06



1/4" Air Stamping Hammer

Specifications

- Adaptor Size: 6.5mm (1/4")
- Tool Size: 220 x 55 x 250mm
- Weight: 1189g
- Available in 6.35 shank

Optional Accessories

- Letter Stamping: SA8771-106AC
- Number Stamping: SA8771-206AC
- Shanks of Stamping: 6.35mm (1/4")
- Size of Character: 3mm (1/8")

SA8771-206AC

SA8771-106AC



SA8771-10



3/8" Air Stamping Hammer

Specifications

- Adaptor Size: 10mm (3/8")
- Tool Size: 220 x 55 x 250mm
- Weight: 1169g
- Available in 10.0 shank

Optional Accessories

- Letter Stamping: SA8771-110AC
- Number Stamping: SA8771-210AC
- Shanks of Stamping: 9.52mm (3/8")
- Size of Character: 6mm (1/4")

SA8771-210AC

SA8771-110AC



SA8771-13



1/2" Air Stamping Hammer

Specifications

- Adaptor Size: 13.4mm (1/2")
- Tool Size: 220 x 55 x 250mm
- Weight: 1137g
- Available in 13.4 shank

Optional Accessories

- Letter Stamping: SA8771-113AC
- Number Stamping: SA8771-213AC
- Shanks of Stamping: 12.7mm (1/2")
- Size of Character: 10mm (3/8")

SA8771-213AC

SA8771-113AC



Air Flux Chippers & Air Hammers Kits

SA7245

Flux Chipper

- Blow Per Min: 4,500 BPM
- Bore Dia.: 0.79" (20mm)
- Vibration Level: 11.5 m/sec²



★★

SA71113R Round Shank

250mm Vibro-Reduced Air Hammer w/o Chisels

- Blow Per Minute: 2,200 - 2,640 BPM
- Shank Opening: 0.401"
- Sound Pressure/ Power: 107/ 116 dB(A)
- Vibration: 2.9 m/sec²



★★

SA71109RK1 150mm Round 0.41"

SA71110RK1 190mm Round 0.41"

SA71111RK1 250mm Round 0.41"

Vibro-Reduced Long Barrel Air Hammer Kit (7 pcs)

Contents

- 1PC SA71109R/ SA71110R/ SA71111R
- 5PCS 175mm Chisel
- 1PC Blow Molded Case



★★

SA71110RK2 190mm Round 0.41"

SA71111RK2 250mm Round 0.41"

Vibro-Reduced Long Barrel Air Hammer Kit (6 pcs)

Contents

- 1PC SA71110R/ SA71111R
- 4PCS Cr-Mo Chisels
- 1PC Blow Molded Case



★★

SA7189RCK7 Round Shank

250mm Vibro-Reduced Air Hammer Kit (6 PCS)

Contents

- 1PC SA7189 Air Hammer
- 1PC 1/4" Air Nipple
- 4PCS Impact Chisel
- 1PC Blow Molded Case



★★

NEW

SA71113RK1 Round Shank

250mm Vibro-Reduced Air Hammer Kit (5 PCS)

Contents

- 1PCS SA71113R
- 4PCS Impact Chisel
- 1PCS Blow Molded Case



★★

NEW

Model No.	Blow Per Min	Needle Diameter	Piston Stroke		Air Cons.		Overall Length		Net Weight		Air Inlet	Air Pressure	
	打擊次數	針規格	活塞行程		耗氣量		長度		重量		進氣口	空氣壓力	
	B.P.M	mm	Inch	mm	CFM	L/min	Inch	mm	lb	kg	Inch	psi	bar
SA7245	4,500	-	0.79	20	3	85	7.30	185	2.10	0.96	1/4"	90	6.2
SA71113R	2,200	Φ19	3.75	95.25	4	113	11.50	292	6.00	2.72	1/4"	90	6.2

(H1): Hex.10mm, (H2): Hex.11mm

Model No.	Blow Per Min	Piston Diameter	Piston Stroke		Air Cons.		Overall Length		Net Weight		Air Inlet	Hose Size	
	打擊次數	活塞直徑	活塞行程		耗氣量		長度		重量		進氣口	氣管尺寸	
	B.P.M	mm	Inch	mm	CFM	LPM	Inch	mm	lb	kg	PT(NPT)	Inch	mm
SA71109R(H1)(H2)	3,500	Φ19	2.28	58	14	400	9.53	242	4.85	2.2	1/4"	3/8	10
SA71110R(H1)(H2)	3,500	Φ19	2.28	58	14	400	9.53	242	4.85	2.2	1/4"	3/8	10
SA71111R(H1)(H2)	2,500	Φ19	3.50	89	14	400	11.42	290	5.51	2.5	1/4"	3/8	10
SA7189	2,100	Φ19 x 68	3.43	87	8.6	243	10.63	270	5.07	2.3	1/4"	3/8	9.5

Needle Scalers & Flux Chippers

SA7357

★★

Compact Needle Scaler

- Blow Per Min: 3,400 BPM
- Numbers of Needles 11 pcs
- Sound Pressure: 92 dBA



SA71109N

★★

150mm 2 in 1 Long Barrel Air Hammer & Needle Scalers

- Blow Per Minute: 4,000 B.P.M
- Vibration: 2.42 m/s²
- Beating Power: 600 Kgf
- Shank Opening: 0.41"



SA7353

★★

Air Needle Scalers w/ 19 pcs Needles

- Blow Per Min: 1,450 BPM
- Numbers of needles 19 pcs



SA7354

★★

Air Needle Scalers w/ 29 pcs Needles

- Blow Per Min: 3,350 BPM
- Numbers of needles 29 pcs



SA7300B

★★

Air Needle Scaler w/ 12 pcs Needles

- Blow Per Min: 4,250 BPM
- Numbers of needles 12 pcs



SA7303C

★★

Air Needle Scaler w/ 19 pcs Needles

- Blow Per Min: 2,400 BPM
- Numbers of needles 19 pcs
- Sound Power: 104 dBA



SA7340

Needle Scaler

★★

SA7241

Flux Chipper

SA7340NC

2 in 1

Vibration-Damped 2 in 1 Needle Scalers & Flux Chipper

- Blow Per Min: 2,400 BPM
- Needle Diameter: 3x180 mm
- Piston Dia.: 59/64" (23.5mm)
- Vibration: 2.56(3.69) m/sec²



SA7341

Needle Scaler

★★

SA7242

Flux Chipper

SA7341NC

2 in 1

Vibration-Damped 2 in 1 Needle Scalers & Flux Chipper

- Blow Per Min: 2,400 BPM
- Needle Diameter: 3x180 mm
- Piston Dia.: 59/64" (23.5mm)
- Vibration: 2.75(3.33) m/sec²



SA7351N

Needle Scaler

★★

SA7351C

Flux Chipper

SA7351NC

2 in 1

Vibration-Damped 2 in 1 Needle Scalers & Flux Chipper

- Blow Per Min: 2,400 BPM
- Numbers of needles 19 pcs
- Sound Pressure: 86 dBA
- Sound Power: 97 dBA



SA7352N

Needle Scaler

★★

SA7352C

Flux Chipper

SA7352NC

2 in 1

Vibration-Damped 2 in 1 Needle Scalers & Flux Chipper

- Blow Per Min: 3,000 BPM
- Numbers of needles 28 pcs
- Sound Power: 109.5 dBA



SA7355

★★

Adjustable Needle Scaler

- Blow Per Min: 3,000 BPM
- Numbers of Needles 13 pcs



Model No.	Blows Per Minute	Piston / Needle Dia.	Piston Stroke		Air Cons.		Overall Length		Net Weight		Air Inlet	Vibration Level
	打擊次數	活塞直徑	活塞行程		耗氣量		長度		重量		進氣口	震動值
	B.P.M	mm	Inch	mm	CFM	L/min	Inch	mm	lb	kg	PT(NPT)	m/sec ²
SA7357	3,400	Φ3x115	0.79	20	1.00	28	8.43	241	3.09	1.4	1/4"	-
SA71109N	4,000	Φ19	1.4	36	3.70	105	10.50	267	4.80	2.16	1/4"	2.42
SA7353	1,450	3x19	-	-	0.56	15.8	12.80	325	5.95	2.70	1/4"	2.75
SA7354	3,350	2x29	-	-	0.28	7.92	12.80	325	4.85	2.20	1/4"	2.30
SA7300B	4,250	3x12	-	-	0.42	11.88	12.52	318	2.60	1.18	1/4"	-
SA7303C	4,600	3x19	-	-	4.00	113	17.79	452	6.08	2.76	1/4"	10.2
SA7340(NC)	2,400	23.5	7/16	11	4.00	113	14.57	370	5.18	2.35	1/4"	2.56
SA7241	2400	23.5	7/16	11	4.00	113	17.13	435	6.50	2.95	1/4"	3.69
SA7341(NC)	2,400	23.5	7/16	11	4.00	113	13.39	340	5.95	2.70	1/4"	2.75
SA7242	2400	23.5	7/16	11	4.00	113	15.55	395	7.05	3.20	1/4"	3.33
SA7351N(C)(NC)	2,400	3x19	-	-	0.56	15.8	13.38	340	5.95	2.70	1/4"	2.75
SA7352N(C)(NC)	3,000	3x28	-	-	4.50	126	13.38	340	8.30	3.76	1/4"	2.30
SA7355	3,000	24	2.36	60	1.70	48	9.27	235.6	1.32	0.60	1/4"	-

Home Improvement Tools

(0.35/ 0.45 HP)

SA3073 1/4"
SA3180 3/8"
Mini Air Ratchet Wrench

- Rear Exhaust
- Max Torque: 25 ft-lb (34 Nm)
- Horse Power: 0.35 HP (261W)



SA3181 3/8"
SA3239 1/2"
Air Ratchet Wrench

- Rear Exhaust
- Max Torque: 45 ft-lb (61 Nm)
- Horse Power: 0.45 HP (336 W)



SA55021 1/4"
SA55021M 6mm
Mini Air Die Grinder

- Free Speed: 25,000 RPM
- Horse Power: 0.35 HP (261W)
- Rear Exhaust



SA55021L 1/4"
SA55021LM 6mm
3" Extended Air Die Grinder

- Free Speed: 22,000 RPM
- Horse Power: 0.35 HP (261W)
- Rear Exhaust



SA53119 1/4"
SA53119M 6mm
Mini Air Angle Die Grinder

- Free Speed: 22,000 RPM
- Horse Power: 0.35 HP (261W)
- Rear Exhaust



SA85017 3"
Cut-Off Tool

- Free Speed: 20,000 RPM
- Horse Power: 0.45 HP (336 W)
- Rear Exhaust



Model No.	Square Drive	Max. Torque		Free Speed	Air Cons.		Net Weight		Overall Length		Air Inlet	Air Pressure		Hose Size	
	四方頭	最大扭力		無負載轉速	耗氣量		重量		長度		進氣口	空氣壓力		氣管	
	Inch	ft-lb	N-m	R.P.M	CFM	L/min	lb	kg	Inch	mm	NPT(PT)	psi	bar	Inch	mm
SA3073	1/4	25	34	250	3.5	99	1.32	0.60	6.89	175	1/4"	90	6.2	3/8	10
SA3180	3/8	25	34	250	3.5	99	1.32	0.60	6.89	175	1/4"	90	6.2	3/8	10
SA3181	3/8	45	61	200	3.8	108	2.87	1.30	9.84	250	1/4"	90	6.2	3/8	10
SA3239	1/2	45	61	200	3.8	108	2.87	1.30	9.84	250	1/4"	90	6.2	3/8	10

Model No.	Collet/ Wheel Size		Horse Power		Free Speed	Net Weight		Overall Length		Air Inlet	Air Pressure		Air Cons.		Hose Size	
	夾頭/砂輪尺寸		馬力		無負載轉速	重量		長度		進氣口	空氣壓力		耗氣量		氣管	
	Inch	mm	Hp	W	R.P.M	lb	kg	Inch	mm	NPT(PT)	psi	bar	CFM	L/min	Inch	mm
SA55021(M)	1/4	6	0.35	261	25,000	0.79	0.36	5.90	150	1/4"	90	6.2	3.5	99	3/8	10
SA55021L(M)	1/4	6	0.35	261	22,000	1.39	0.63	9.25	235	1/4"	90	6.2	3.5	99	3/8	10
SA53119(M)	1/4	6	0.35	261	22,000	1.10	0.50	5.90	150	1/4"	90	6.2	3.5	99	3/8	10
SA85017	3	75	0.45	336	20,000	1.85	0.84	7.09	180	1/4"	90	6.2	3.8	108	3/8	10

Home Improvement Tools

(0.45 HP)

SA55022 1/4"
SA55022M 6mm
Air Die Grinder



- Free Speed: 22,000 RPM
- Horse Power: 0.45 HP (336W)
- Rear Exhaust



SA55022L 1/4"
SA55022LM 6mm
3" Extended Air Die Grinder



- Free Speed: 20,000 RPM
- Horse Power: 0.45 HP (336W)
- Rear Exhaust



SA53120 1/4"
SA53120M 6mm
Air Angle Die Grinder



- Free Speed: 18,000 RPM
- Horse Power: 0.45 HP (336W)
- Rear Exhaust



SA55022K 1/4"
SA55022MK 6mm
Air Die Grinder Kit (15 pcs)
w/o Plug



Contents

- 1PC SA55022
- 10PCS Grinder Stone
- 2PCS Spanners
- 1PC 1/4" or 6mm Collect
- 1PC Blow Molded Case



SA53120K 1/4"
SA53120MK 6mm
Air Angle Die Grinder Kit (15 pcs)
w/o Plug



Contents

- 1PC SA53120
- 10PCS Grinder Stone
- 2PCS Spanners
- 1PC 1/4" or 6mm Collect
- 1PC Blow Molded Case



Model No.	Collet Size		Horse Power		Free Speed	Net Weight		Overall Length		Air Inlet	Air Pressure		Air Cons.		Hose Size	
	夾頭尺寸		馬力		無負載轉速	重量		長度		進氣口	空氣壓力		耗氣量		氣管	
	Inch	mm	Hp	W	R.P.M	lb	kg	Inch	mm	NPT(PT)	psi	bar	CFM	L/min	Inch	mm
SA55022(M)	1/4	6	0.45	336	22,000	1.32	0.60	6.69	170	1/4"	90	6.2	4.0	113	3/8	10
SA55022L(M)	1/4	6	0.45	336	20,000	1.98	0.90	9.84	250	1/4"	90	6.2	3.8	108	3/8	10
SA53120(M)	1/4	6	0.45	336	18,000	1.54	0.70	6.30	160	1/4"	90	6.2	3.8	108	3/8	10

Spray Guns & Air Agitators

AM6008-GL

**Pressure Feed High Volume
Low Pressure Spray Gun**

Specification

- Optional Nozzle Size:
0.6/0.8/1.0/1.2/1.4/1.7/2.0 mm
- Air Pressure: 25 - 43psi
- Air Inlet: 1/4" PS
- Fluid Inlet: 3/8" PS
- Weight: 0.47kg(1.04 lb)

Application

- Water Borne/ Glue
- High-Viscosity



891W-2KI

**Pressure Feed High Volume
Low Pressure Spray Gun**

Specification

- Optional Nozzle Size:
0.6/0.8/1.0/1.2/1.4/1.7/2.0 mm
- Air Pressure: 25 - 43psi
- Air Inlet: 1/4" PS
- Fluid Inlet: 3/8" PS
- Weight: 0.7kg(1.5lb)

Application

- Water Borne/ Glue
- High-Viscosity



MA-5IBC

1/3 HP Air Agitator For IBC Tank

- Air Motor: 1/3 HP + 5:1 Reducer
- Stainless Steel Fan
(w/ Tube Reducer) x 2PCS
- Stainless Steel Axis: 15 x 900 mm
- Free Speed: 630 RPM



CA-7GL

1/3 HP Air Agitator

- Air Motor: 1/3 HP
- Stainless Steel Collapsible Propellor
(TSP-2) x 2 PCS
- Stainless Steel Axis: 15 x 950 mm
- Free Speed: 2,780 RPM



FA-3SR

**1/12 HP Small Air Agitator
w/ High Torque**

- 1/12 HP + 5:1 Small Reducer
- Stainless Steel Fan (TSP-3) X 1PC
- Stainless Steel Axis: 12 x 350 mm
- Free Speed: 750 RPM



Air Brush & Air Blow Guns

AB-136HDMK

Air Brush Set (8 pcs)

★ ★

Specification

- Nozzle Size: 0.7mm
- Paint Cup: 40 C.C
- Flowc: 6.4 L/min
- Nozzle, Spray Nozzle Assembly, Needle Material: Plated Brass
- Body Color: Black
- w/o Handle With Adjustor

Contents

- 1PC Air Brush w/ 0.7mm Nozzle (Fan-Patterned)
- 1PC 40 CC Cup
- 1PC Mini Air Pump
- 1PC Clean Airbrush Potion
- 1PC Type-C Charging Cable
- 2PCS Coating Liquid
- 1PC Battery



AB-137UP

Air Brush

★ ★

Specification

- Nozzle Size: 0.8mm
- Paint Cup: 150 C.C Spray Gun
- Spray Pattern: 100mm
- Trigger Action: Dual-Action Airbrush
- Changeable Needle Teflon
- Suggested Working Pressure: 2.1~6.8 Bar (30~100psi)
- Max. Working Pressure: 6.8 Bar(100 psi)
- Air Inlet: 1/8"
- Handle With Adjustor

Contents

- 1PC Air Brush
- 1PC 0.8mm Nozzle (Fan-Patterned)
- 1PC 0.8mm Nozzle (Round-Patterned)
- 1PC 150 CC Cup
- 1PC Quick Connector Male Plug
- 1PC Wrench



BGB203

Palm-Shaped Air Blow Gun

★ ★

Specification

- Working pressure: 90 psi
- Free speed: 5,500 RPM
- Air Consumption: 2.8 CFM (80 L/min)
- Length: 156x104 mm (6x4.1 inch)
- Net Weight: 171 g (0.17kg)
- Packing: 1set/white box/ 50pcs/ 12.5/ 13.5kg/ 2.5'Cuft



BGB202E

Palm-Shaped Air Blow Gun

★ ★

Specification

- Working pressure: 50-90 psi
- Free speed: 6,000 RPM
- Air Consumption: 2.8 CFM (80 L/min)
- Net Weight: 142 g (0.14kg/ 0.31 lb)
- Length: 150x96 mm (6x3.78 inch)
- Package: 50 pcs/ CTN/11.8 kg/ 2.3'



TG251

Turbo Soda Blaster Gun

★ ★

Specification

- Max. Working Pressure: 225 psi(15 Bar/ 1.5Mpa)
- Material: POM
- Port Size: 1/4" (PT/NPT/G)
- Air Cons.: in 8kg ≥110 L/min
- Ambient Temp.: -5° → + 60° C (Non Frozen)
- Noise Value (dB): 90psi (95 db)
- Weight: 393g



Air Blow Guns & Soda Blaster Guns

Features

- Light Weight And Durable.
- With Various Nozzles And Metal Tubes For Options
- Superior Efficiency And Lower Air Consumption For High Pressure Type
- Two Inlet Directions For Options.
- Meets Osha Regulations.

Upper or Low Inlet port Design



BGB131

Air Blow Gun
w/ Centralize Nozzle

- Body Material: Aluminum
- Air Inlet: 1/4"
- Max. Pressure: 363 psi (25 Bar) 2.5 Mpa



BGB131A

Air Blow Gun
w/ Adjustable Nozzle



BGB131B

Air Blow Gun
w/ Low Noise Level



BGB131C

Air Blow Gun
w/ High Flow Nozzle



BGB131-L1

Air Blow Gun
w/ Rubber Nozzle



BGB131-L2

Air Blow Gun Set
w/ Adjustable Nozzle,
Rubber Nozzle
& Safety Nozzle



TG250 w/ Baking Soda
TG250N w/o Baking Soda
40mm Soda Blaster Gun

TG250L w/ Baking Soda
TG250NL w/o Baking Soda
200mm Soda Blaster Gun

- Remove Paint • Remove Varnish
- Remove Heavy Dust • Remove Carbon Buildup
- Baking Soda Damage-Free to Glass and Rubber Seal
- Environmentally Friendly with Baking Soda (NaHCO_3)
- Also can use sand or walnut grit (less than 0.2mm or 80# up)
- Body Material: Composite plastic body
- Tip Material: Steel nozzle (40mm & 200mm)
- Sand Capacity: 600 cc
- Working Pressure: 90-150 psi/ 6-10 kg/cm²
- Max. Pressure: 200 psi/ 14 kg/cm²
- Air Cons.: 8 CFM / 220 L/min (at 90psi)
- Air Inlet Thread: 1/4" PT (NPT)

TG250 (N)



TG250(N)L



Grease Guns & (Digital) Tire Inflators

SA9052



Premium Lever Grease Gun

Specification:

- Weight 1.3 kg (2.87 lb)
- Capacity Bulk 450g
- Capacity Cartridge 14oz/ 400g
- Max Working Pressure 12,000 PSI
- Packing 10 PCS/ CTN
- Standard white box

Applications:

- Industry, Mining, Air Tools, Aviation, Automotive, Motorcycle, Truck, Bike, Agriculture, Machinery & Marine Industry



PG-BGB131



Tire Pressure Gauge

Specification:

- Air Inlet: 1/4"
- Max. Pressure: 200 psi (14 Bar/1.4 MPa)
- Temperature Range: -20°C~+80°C
- Nozzle Length: 30cm
- Pressure Gauge Size: 2"

Applications:

- Truck, Car, Locomotive, Bicycle Tires & Inflatable Toys.



GC-005K1



Standard Quick Release Grease Coupler Kit w/ Angle Type 4-Jaw Grease Coupler

Contents:

- 1PC 90° 4-jaw Grease Coupler w/ Grease Fitting
- 1PC Narrow Needle Nose Dispenser w/ Grease Fitting
- 1PC Grease Injector Needle
- 1PC Seal-Off Dispenser w/ Grease Fitting
- 1PC Right Angle Grease Coupler w/ Grease Fitting
- 1PC Blow Molded Case



PGD-41T



3 in 1 Digital Tire Inflator

- Material: Aluminum
- Scale: 200psi (14 Bar/ 999 kPa)
- Max. Pressure: 16 Bar
- Working Pressure: 0-200 psi (±2.0%)
- Supply Voltage: DC 3V (CR2032)
- Temperature Range: -10° ~ ±50°C
- Display Resolution: ± 2.0% F.S ±1 digit
- Air Inlet: 1/4"
- Inflation Speed: 490 L/ min @ 145 psi
- Net Weight: 0.47 kg(1 lb)
- Packing: 20pcs/ Ctn/N.W 9.5kg/ G.W 13.3 kg/ 2.46' Cuft



SA9006PK



Mini Grease Gun Professional Kit (8 pcs)

Contents:

- 1PC Mini Grease Gun w/ 50 Degree Tip
- 1PC 4 Jaw Coupler
- 1PC 52mm Recessed Pipe
- 1PC 1-1/2" Narrow Needle Nose Dispenser
- 1PC 4" Needle Nose Grease Dispenser
- 1PC 90 Degree Tip
- 1PC Nylon Grease Brush
- 1PC Blow Molded Case



PG-B24 2.5" Pressure Gauge



3 Function Tire Pressure Gauge

- Air Inlet: 1/4"
- Max. Pressure: 232 psi (16 Bar/1.6 MPa)
- Temperature Range: -20°C~+80°C
- Nozzle Length: 85cm
- Pressure Gauge Size: 2.5"



SA9006-H



Mini Grease Gun w/o Lithium Grease



NEW

Sample View



PG-B25 3.5" Pressure Gauge



3 Function Tire Pressure Gauge

- Air Inlet: 1/4"
- Max. Pressure: 232 psi (16 Bar/1.6 MPa)
- Temperature Range: -20°C~+80°C
- Nozzle Length: 85cm
- Pressure Gauge Size: 3.5"



Couplers & Plugs

Safety Quick Coupler (NITTO, ORION, TRUFLATE, MILTON & ARO Type)

Nitto Type



NQ31-H Type (Hose)



NQ31-M Type (Male)



NQ31-F Type (Female)

Orion Type



OQ31-H Type (Hose)



OQ31-M Type (Male)



OQ31-F Type (Female)

Milton Type



MQ31-H Type (Hose)



MQ31-M Type (Male)



MQ31-F Type (Female)

Aro Type



MQ31-H Type (Hose)



MQ31-M Type (Male)



MQ31-F Type (Female)

Model No.				Discription	Size	Weight (g)				Air Pressure	
Nitto Type	Orion Type	Miltion Type	Aro Type	-	Inch	Nitto	Orion	Miltion	Aro	kgf/cm ²	PSI
NQ31-25H	OQ31-25H	MQ31-25H	AQ31-25H	Hose-Tail	5/16	159	137	147	143	10-20	142-284
NQ31-30H	OQ31-30H	MQ31-30H	AQ31-30H		3/8	165	145	153	149		
NQ31-40H	OQ31-40H	MQ31-40H	AQ31-40H		1/2	173	153	161	157		
NQ31-20M	OQ31-20M	MQ31-20M	AQ31-20M	Male	1/4	138	139	145	142	10-20	142-284
NQ31-30M	OQ31-30M	MQ31-30M	AQ31-30M		3/8	146	146	153	150		
NQ31-40M	OQ31-40M	MQ31-40M	AQ31-40M		1/2	156	156	163	160		
NQ31-20F	OQ31-20F	MQ31-20F	AQ31-20F	Female	1/4	159	158	166	162	10-20	142-284
NQ31-30F	OQ31-30F	MQ31-30F	AQ31-30F		3/8	167	168	174	170		
NQ31-40F	OQ31-40F	MQ31-40F	AQ31-40F		1/2	179	180	186	182		

5 in 1 Universal Quick-Connect Couplers

Features:

- Compatible for 5 types of fitting: with easier interchange, different systems coupler can connect with each other without limitation.
- With 6 steel locking balls design which can enhance good connection, ensure quality and prolong lifetime.
- Temp Range: -20 ~ +80°C

Application:

- Pneumatic Tool, Air piping & Air pressure equipment

Milton Type



UQC-SMA Type (Male)



ARO Type



UQC-SFA Type (Female)



Truflate Type



UQC-SHA Type (Hose)



RectusType



Lincoln Type



Model No.	Discription	Size	Length	Height	Material		Working Pressure	Max. Pressure	Air Flow
	-	Inch	mm	mm			kgf/cm ²	kgf/cm ²	At 10 kg/cm ²
UQC-20SMA	Male	1/4" NPT	62.0	24	Steel	Coupler	15	20	>450 L/m
UQC-30SMA		3/8" NPT	61.8						
UQC-20SFA	Female	1/4" NPT	54.0	24	Steel	Coupler	15	20	>450 L/m
UQC-30SFA		3/8" NPT	54.0						
UQC-20SHA	Hose	1/4"	75.8	24	Steel	Coupler	15	20	>450 L/m
UQC-30SHA		3/8"	79.0						

Couplers & Plugs

Push Button Flexible Swivel Air Couplers (NITTO, ORION & MILTON Type)

Nitto Type



PFSN-H Series (Hose)



PFSN-M Series (Male)



PFSN-F Series (Female)



PFSN-P Series (PU)

Orion Type



PFSO-H Series (Hose)



PFSO-M Series (Male)



PFSO-F Series (Female)



PFSO-P Series (PU)

Milton Type



PFSM-H Series (Hose)



PFSM-M Series (Male)



PFSM-F Series (Female)



PFSM-P Series (PU)

Model No.			Discription	Size	Net Weight (g)			Air Cons. (CFM)			Work Pressure	Material
Nitto	Orion	Milton	-	Inch	Nitto	Orion	Miltion	Nitto	Orion	Miltion	cm/kg ²	
PFSN-10H	PFSO-10H	PFSM-10H	Hose-Tail	1/8"	97	93	95	28.7	28.7	27.0	10	Body: Nylon Sleeve: Steel
PFSN-25H	PFSO-25H	PFSM-25H	Hose-Tail	1/4"	101	97	99	35.4	34.9	30.9	10	
PFSN-30H	PFSO-30H	PFSM-30H	Hose-Tail	3/8"	136	133	134	41.4	42.3	34.6	15	
PFSN-40H	PFSO-40H	PFSM-40H	Hose-Tail	1/2"	145	141	143	42.4	44.3	34.7	15	
PFSN-10M	PFSO-10M	PFSM-10M	Male	1/8"	94	90	92	41.0	41.1	33.8	10	Body: Nylon Sleeve: Steel
PFSN-20M	PFSO-20M	PFSM-20M	Male	1/4"	97	93	96	41.0	41.1	33.8	10	
PFSN-30M	PFSO-30M	PFSM-30M	Male	3/8"	140	137	139	43.7	40.2	32.7	15	
PFSN-40M	PFSO-40M	PFSM-40M	Male	1/2"	155	152	154	43.9	44.2	35.2	15	
PFSN-10F	PFSO-10F	PFSM-10F	Female	1/8"	97	93	95	35.9	39.9	33.9	10	Body: Nylon Sleeve: Steel
PFSN-20F	PFSO-20F	PFSM-20F	Female	1/4"	100	96	98	35.9	39.9	33.9	10	
PFSN-30F	PFSO-30F	PFSM-30F	Female	3/8"	140	136	138	43.5	44.1	35.1	15	
PFSN-40F	PFSO-40F	PFSM-40F	Female	1/2"	147	144	146	43.7	44.3	35.4	15	
PFSN-20P	PFSO-20P	PFSM-20P	PU Hose	5 x 8 mm	112	108	110	24.4	24.8	23.8	10	Body: Nylon Sleeve: Steel
PFSN-30P	PFSO-30P	PFSM-30P	PU Hose	6.5 x 10 mm	121	117	119	33.3	34.7	30.7	10	
PFSN-40P	PFSO-40P	PFSM-40P	PU Hose	8 x 12 mm	155	152	153	40.5	40.0	33.7	15	

Electric Staple Guns

SEEN0600W-01

Electric Staple Gun

- Housing: Nylon / Glass Fiber w/soft grip
- Trigger Switch: Two-finger w/soft padding
- Power Cord: 1.8M-2C / 3C
- Safety Approval: CE / EMC
- Rated Voltage: AC 220V / 50 Hz
- Rated Power: 600W
- Max. Firing Speed: 30 Shots / min
- Dimensions: 239 x 68 x 265 mm
- Weight: 1.86 kg
- Applicable: For Millwork, Furniture, Upholstery, Construction.



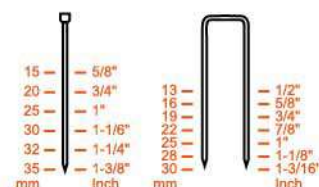
SEEN0600W-01C / SEEN0600W-01MC

Electric Staple Gun

- Housing: Nylon / Glass Fiber w/soft grip
- Trigger Switch: Two-finger w/soft padding
- Power Cord: 1.8M-2C / 3C
- Safety Approval: CE / EMC
- Rated Voltage: AC 220V / 50 Hz
- Rated Power: 600W
- Max. Firing Speed: 30 Shots / min
- Dimensions: 231 x 68 x 272 mm
- Weight: 1.9 kg
- Applicable: For Furniture, Upholstery, Construction.



• SEEN0600W-01C



• SEEN0600W-01MC



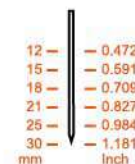
SEEN0600W-02(C) / SEEN0600W-03C

Electric Staple Gun

- Housing: Nylon / Glass Fiber w/soft grip
- Trigger Switch: Two-finger w/soft padding
- Power Cord: 1.8M-2C / 3C
- Safety Approval: CE / EMC
- Rated Voltage: AC 220V / 50 Hz
- Rated Power: 600W
- Max. Firing Speed: 30 Shots / min
- Dimensions: 250 x 68 x 240 mm
- Weight: 1.86 kg
- Applicable: For Millwork, Furniture, Construction.

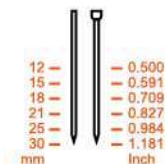


• SEEN0600W-02



• SEEN0600W-02C

• SEEN0600W-03C



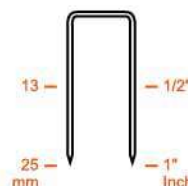
Model No.	Nail Type	Crown	Shank Thickness / Width	Shank Length	Gauge	Magazine Capacity
	釘子種類	外徑肩寬	釘子厚度 / 寬度	長度	線徑規格	裝釘量
	-	mm	mm	mm	-	PCS
SEEN0600W-01	Brad	-	1.0 / 1.25	10 - 35	18	100
SEEN0600W-01C	Brad	-	1.0 / 1.25	15 - 35	18	100
	Staple	5.8		13 - 30		
SEEN0600W-01MC	Brad	-	1.0 / 1.25	10 - 35	18	100
	Staple	5.8		10 - 25		
	Staple	10.1		10 - 25		
SEEN0600W-02	Pin	-	0.64 / 0.64	12 - 30	23	200 / 400
SEEN0600W-02C	Pin	-	0.64 / 0.64	12 - 30	23	200 / 400
	Brad	-				
SEEN0600W-03C	Pin	-	0.84 / 0.84	12 - 30	21	200 / 400
	Brad	-				

Electric Staple Guns

SEEN0600W-04A / SEEN0600W-04B / SEEN0600W-04C SEEN0600W-04D / SEEN0600W-04E / SEEN0600W-04F ★★

Electric Staple Gun

- Housing: Nylon / Glass Fiber w/soft grip
- Trigger Switch: Two-finger w/soft padding
- Power Cord: 1.8M-2C / 3C
- Safety Approval: CE / EMC
- Rated Voltage: AC 220V / 50 Hz
- Rated Power: 600W
- Max. Firing Speed: 30 Shots / min
- Dimensions: 230 x 68 x 250 mm
- Weight: 1.82 kg
- Applicable: Furniture, Upholstery, Construction.



SEEN0250W Series ★★

Electric Staple Gun

- Housing: Nylon / Glass Fiber w/soft grip
- Trigger Switch: Two-finger w/soft padding
- Power Cord: 1.8M
- Safety Approval: CE / EMC
- Rated Voltage: AC 220V / 50 Hz
- Rated Power: 250W
- Max. Firing Speed: 30 Shots / min
- Dimensions: 186 x 64 x 235 mm
- Weight: 1.15 kg
- Applicable: For Automotive, Upholstery, Construction.



Model No.	Crown	Shank Thickness / Width	Shank Length	Gauge	Magazine Capacity
	外徑肩寬	釘子厚度 / 寬度	長度	線徑規格	裝釘量
	mm	mm	mm	-	PCS
SEEN0600W-04A	5.8	1.0 / 1.25	13 - 25	18	100
SEEN0600W-04B	12.9	0.65 / 0.95	13 - 25	21	100
SEEN0600W-04C	8.7	1.0 / 1.25	13 - 25	18	100
SEEN0600W-04D	10.1	1.0 / 1.25	13 - 25	18	100
SEEN0600W-04E	5.2	0.6 / 1.2	13 - 25	20	100
SEEN0600W-04F	11.2	0.6 / 1.2	13 - 25	20	100
SEEN0250W-01A	9.1	0.6 / 0.75	8 - 16	22	100 - 200
SEEN0250W-01B	12.9	0.65 / 0.95	8 - 16	21	100 - 200
SEEN0250W-01C	12.3	0.6 / 1.0	8 - 16	21	100 - 200
SEEN0250W-01D	12.5	0.55 / 0.75	8 - 16	22	100 - 200
SEEN0250W-01E	12.6	0.53 / 1.27	8 - 16	20	100 - 200
SEEN0250W-01F	10.1	0.6 / 0.75	8 - 16	22	100 - 200
SEEN0250W-01G	12.8	0.55 / 1.27	8 - 16	20	100 - 200
SEEN0250W-01H	11.2	0.5 / 0.7	8 - 16	23	100 - 200
SEEN0250W-01I	11.2	0.6 / 1.2	8 - 16	20	100 - 200
SEEN0250W-01J	10.6	0.5 / 1.3	8 - 16	20	100 - 200
SEEN0250W-01K	12.7	0.65 / 0.75	8 - 16	22	100 - 200
SEEN0250W-01L	4.5	0.6 / 0.9	8 - 16	21	100 - 200
SEEN0250W-01M	4.4	0.5 / 1.25	8 - 16	20	100 - 200
SEEN0250W-01N	5.2	0.6 / 1.2	8 - 16	20	100 - 200
SEEN0250W-01P	9.1	0.6 / 1.15	8 - 16	20	100 - 200
SEEN0250W-01Q	12.7	1.1 / 1.25	8 - 16	-	100 - 200
SEEN0250W-01R	13	1.4 / 1.85	8 - 16	-	100 - 200
SEEN0250W-01S	10.6	0.55 / 0.75	8 - 16	22	100 - 200
SEEN0250W-01T	4.1	0.6 / 0.75	8 - 16	22	100 - 200



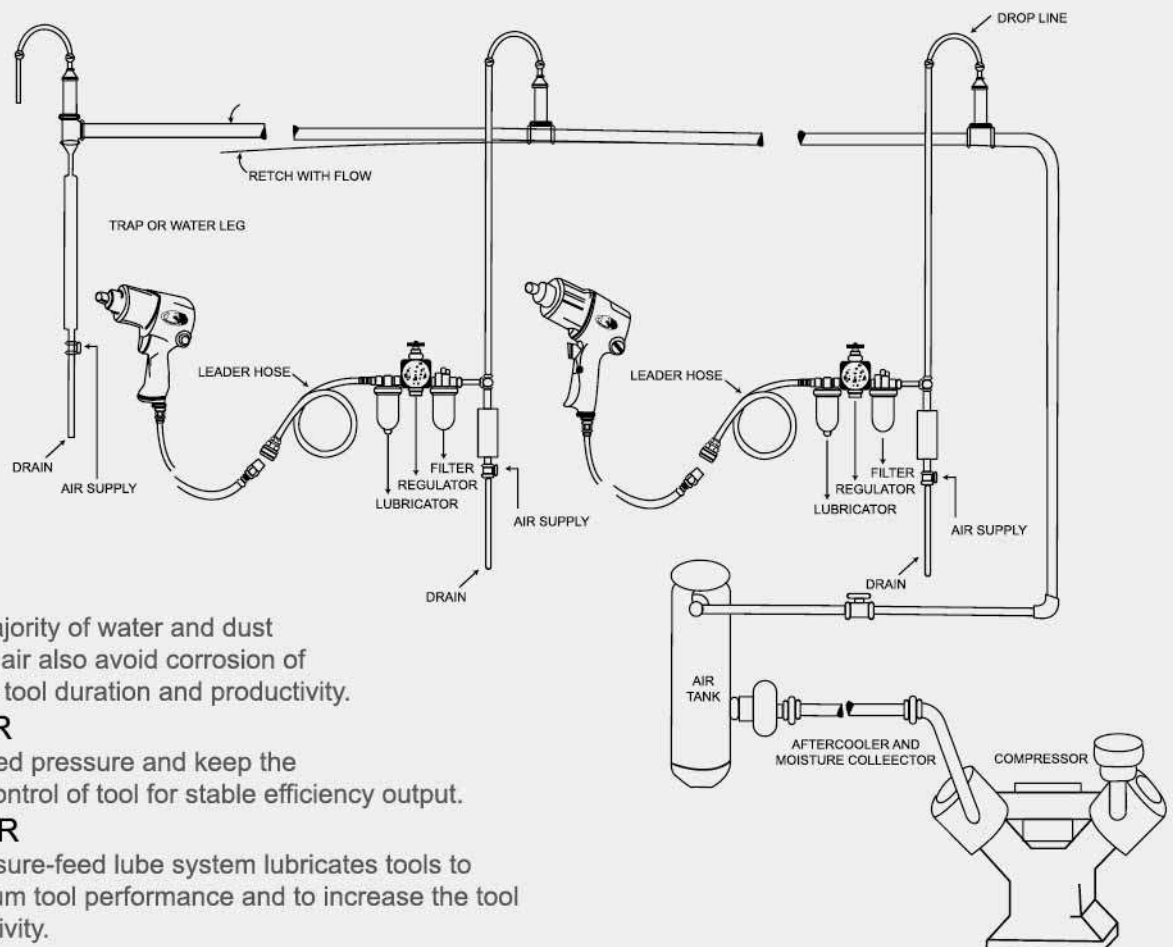
Air Line Schematic & Warranty Information



AIR TOOLS/ ONE YEAR LIMITED WARRANTY :

- The manufacture warrants this equipment to the original user against defective material or workmanship for a period of one year from the date of purchase on repair parts and labor.
- The manufacturer's responsibility under this warranty is limited to the repair or replacement of defective part or parts.
- The manufacturer reserves the right to determine whether the part or parts failed because of defective material workmanship or other causes. Failures caused by accident, alteration, misuse or improper packing or returned units are not covered by this warranty.
- All warranty repairs must be done by AIRPRO or AIRPROWU pneumatic tool service agents or by AIRPRO or AIRPROWU any repair to the equipment other than by these authorized facilities voids this warranty. The rights under this warranty are limited to the original user and may not be transferred to subsequent owners.

AIR LINE SCHEMATIC



FILTER

Remove the majority of water and dust motes from the air also avoid corrosion of tool to increase tool duration and productivity.

REGULATOR

Maintain selected pressure and keep the critical speed control of tool for stable efficiency output.

LUBRICATOR

Automatic pressure-feed lube system lubricates tools to maintain optimum tool performance and to increase the tool life and productivity.

xxxxxxx
xxxxxxx
xxxxxxx
xxxxxxx



TP Power Tools

Professional Power Tools



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