SUMAKE®

MAKE JOBS BETTER THAN EVER

PNEUMATIC TOOLS

Professional & Industrial



www.sumake.com

ABOUT SUMAKE



SUMAKE is a professional manufacturer and global exporter of high-precision electric, cordless, screw feeders and pneumatic tools, along with industrial compressors and air solutions, serving industrial manufacturing and automotive assembly markets worldwide.

Sustainability and engineering excellence are integral to our operations. Through continuous R&D investment, intelligent mechanical design, and process optimization, we develop energy-efficient, long-life products that reduce total cost of ownership and environmental impact throughout the product lifecycle.

Our portfolio of CE-certified tools includes transducerized electric screwdrivers, industrial shut-off screwdrivers, cordless tools, screw feeders, aviation tools, sanders, impact wrenches, drills, among others, engineered to deliver high performance, precise torque accuracy, repeatability, efficiency, and operational stability across applications ranging from aviation to automated and semi-automated production lines.

SUMAKE's compressor manufacturing facility near Shanghai, operated as a joint venture with LACME (France), produces high-efficiency cast-iron pumps designed for extended service life, reduced energy consumption, and reliable continuous-duty operation.

Certified to ISO 9001, SUMAKE implements digitized, traceable quality control systems to ensure consistent compliance with quality, safety, packaging, and delivery standards, while supporting responsible manufacturing practices.

To support long-term sustainability, we provide complete spare parts availability and technical support, extending product lifespan, minimizing waste, and reducing unplanned downtime.

At SUMAKE, ESG is embedded in how we design, manufacture, and support our products.

SUMAKE — Engineering Sustainable Performance for Industry.

HISTORY OF SUMAKE

1997
SUMAKE was found in 1997 by Mr. Mike Su.



1999
Joint venture with Lacme (France), set up Lacme-Dafeng in China produce high quality air cast-iron pumps.

2000
Set up R&D department and start to produce industrial air tools.



2002
Produce industrial air sander program.



2004
ISO 9001 certified.



2006
Produce air compressor from 1.5HP~10HP.



2008
Move office to Neihu technology industrial zone. (Area 1,500㎡)



2012
Produce brushless type Ind. cordless tools.
Tools CE certificate by TUV.



2015
Produce full range of brushless electric sander



2019
Produce transducerized DC Inline Screwdrivers



2022
Set up ESG committee, implement the carbon reduction plan.



2023
Introduce transducerized angle control inline screwdrivers.



2024
Produce avation cordless tools



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1/2" & 3/4" Professional Composite Air Impact Wrench

only **175mm** & **1.65 kg!** (ST-C5444S)



Powerful Torque
Twin hammer mechanism with reinforced process to enhance durability and steady powerful torque.







Adjustable Torque
Three forward power setting; Full power reverse.

Magnesium Alloy
Front case and back cover reduces tool weight to only **1.65kgs!** (for ST-C5444S)



Sensitive trigger
enable the Multi-Speed control



Blades With Spring Attachment
- High precision machined steel alloy casting motor cylinder enables the long duribility of air motor.
- 7-Vanes with spring attachment design enables the vanes perfectly fit on the inside surface of cylinder without jump-up to ensure the stability of the torque output.

Scan me!

Comfort Design
Composite material housing with covered rubber grip offers better user handling comfort during the operation.

360° Air Inlet Handle Exhaust Design
More convenient for all circumstance.



Light Weight 1.65 kg

Composite

ST-C5444S 1/2" Dr.
Max torque:
1,491 Nm (1,100 ft-lb)
Twin Hammer
Magnesium front case and back cover



Light Weight 1.85 kg

Composite

ST-C5733S 3/4" Dr.
Max torque:
1,491 Nm (1,100 ft-lb)
Twin Hammer
Magnesium front case and back cover



Composite

ST-C554S 1/2" Dr.
Max torque:
1,355 Nm (1,000 ft-lb)
Twin Hammer



Composite

ST-C573S 3/4" Dr.
Max torque:
1,355 Nm (1,000 ft-lb)
Twin Hammer

Model No.	Square Driver (inch)	Capacity Bolt Size		Free Speed (rpm)	Working Torque		Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
		mm	inch		Nm	ft-lb	Nm	ft-lb	mm	inch			l/min	cfm	kg	lbs	
ST-C5444S	1/2	M21	53/64	8,500	1,080	800	1,491	1,100	175	6-8/9	1/4"	3/8"	480	17	1.65	3.64	10 Pcs/Ctn
ST-C5733S	3/4	M21	53/64	8,500	1,080	800	1,491	1,100	186	7-1/3	1/4"	3/8"	480	17	1.85	4.01	10 Pcs/Ctn
ST-C554S	1/2	M21	53/64	8,500	950	700	1,355	1,000	195	7-17/25	1/4"	3/8"	480	17	2.1	4.6	10 Pcs/Ctn
ST-C573S	3/4	M21	53/64	8,500	950	700	1,355	1,000	195	7-2/3	1/4"	3/8"	480	17	2.3	5.1	10 Pcs/Ctn

★Recommend Air Pressure: 6.2bar (90psi)

3/8" ~ 1" Professional Composite Air Impact Wrench





Powerful Torque
Twin hammer mechanism delivers 1,152 Nm / 850 ft-lb maximum torque power.





Back Forward and Reverse Regulator
3 speed setting for forward
1(Full) speed setting for reverse.

Sensitive Trigger
enable Multi-Speed control.

Enhanced Engineering Plastic Housing
for reaching lightweight at 2.1kg/4.6lb and reliable durability.

ST-IW1640 1/2" Dr.
Max torque: 1,152 Nm (850 ft-lb)
Twin Hammer

360°Air Inlet
More convenient for all circumstance.

Handle Exhaust Design



ST-C538 3/8" Dr.
Max torque:
610 Nm (450 ft-lb)

ST-C553 1/2" Dr.
Max torque: 746 Nm (550 ft-lb)
Twin Hammer





ST-C574 3/4" Dr.
ST-C594 1" Dr.
Max torque: 2,034 Nm (1,500 ft-lb)
Twin Hammer

ST-IW1580 1" Dr.
ST-IW1580-6 1" Dr. w/ 6" Ext. Anvil
ST-IW1580-8 1" Dr. w/ 8" Ext. Anvil
Max torque: 2,983 Nm (2,200 ft-lb)
Twin Hammer
Magnesium front case

ST-IW1581 1" Dr.
ST-IW1581-8 1" Dr. w/ 8" Ext. Anvil
Max torque: 3,118 Nm (2,300 ft-lb)
Pinless Clutch
Magnesium front case

ST-C5644 3/4" Dr.
Max torque: 2,034 Nm (1,500 ft-lb)
Magnesium front case and back cover

ST-C5844 1" Dr.
Max torque: 2,101 Nm (1,550 ft-lb)
Twin Hammer
Magnesium front case and back cover



Light Weight
3.0 kg

ST-IW1480 1" Dr.
ST-IW1480-6 1" Dr. w/6" Anvil
Max torque: 2,983 Nm (2,200 ft-lb)
Twin Hammer

ST-IW1481 1" Dr.
ST-IW1481-8 1" Dr. w/8" Anvil
Max torque: 3,118 Nm (2,300 ft-lb)
Pinless Clutch
Magnesium front case and back cover



Light Weight
5.75 kg

Model No.	Square Driver (inch)	Std. Bolt Size		Free Speed (rpm)	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
		mm	inch		Nm	ft-lb	mm	inch			l/min	cfm	kg	lbs	
ST-IW1640	1/2	M19	3/4	10,000	1,152	850	190	7-1/2	1/4"	3/8"	480	17	2.1	4.6	10Pcs/Ctn
ST-C538	3/8	M14	9/16	8,000	610	450	160	6-2/7	1/4"	3/8"	430	15	1.3	2.8	10Pcs/Ctn
ST-C553	1/2	M18	11/16	11,000	746	550	160	6-2/7	1/4"	3/8"	430	15	1.3	2.8	10Pcs/Ctn
ST-C574	3/4	M30	1-3/16	5,500	2,034	1,500	220	8-2/3	3/8"	1/2"	540	19	3.7	8.1	6Pcs/Ctn
ST-C594	1	M30	1-3/16	5,500	2,034	1,500	220	8-2/3	3/8"	1/2"	540	19	3.7	8.1	6Pcs/Ctn
ST-IW1580	1	M36	1-27/64	5,500	2,983	2,200	425	16-3/4	1/2"	1/2"	708	25	6.2	13.67	2Pcs/Ctn
ST-IW1580-6	1	M36	1-27/64	5,500	2,983	2,200	580	22-5/6	1/2"	1/2"	708	25	7.2	15.87	2Pcs/Ctn
ST-IW1580-8	1	M36	1-27/64	5,500	2,983	2,200	635	25	1/2"	1/2"	708	25	7.5	16.53	2Pcs/Ctn
ST-IW1581	1	M36	1-27/64	5,500	3,118	2,300	425	16-3/4	1/2"	1/2"	708	25	6.9	15.21	2Pcs/Ctn
ST-IW1581-8	1	M36	1-27/64	5,500	3,118	2,300	635	25	1/2"	1/2"	708	25	8.2	18.08	2Pcs/Ctn
ST-C5644	3/4	M30	1-3/16	6,000	2,034	1,500	209	8-2/9	3/8"	1/2"	540	19	3.0	6.6	6Pcs/Ctn
ST-C5844	1	M30	1-3/16	6,000	2,101	1,550	219	8-5/8	3/8"	1/2"	540	19	3.15	6.94	6Pcs/Ctn
ST-IW1480	1	M36	1-27/64	5,500	2,983	2,200	256	10	1/2"	1/2"	708	25	5.75	12.57	4Pcs/Ctn
ST-IW1480-6	1	M36	1-27/64	5,500	2,983	2,200	417	16-3/7	1/2"	1/2"	708	25	6.6	14.85	3Pcs/Ctn
ST-IW1481	1	M36	1-27/64	5,500	3,118	2,300	256	10	1/2"	1/2"	708	25	6.3	13.89	4Pcs/Ctn
ST-IW1481-8	1	M36	1-27/64	5,500	3,118	2,300	417	16-3/7	1/2"	1/2"	708	25	7.6	16.75	3Pcs/Ctn

★Recommend Air Pressure: 6.2bar (90psi)



3/8" & 1/2" Professional Air Impact Wrench

Ultimate compact body with unique embedded anvil / socket design!

Unique Embedded Anvil / Socket Design
Embed special short sockets or anvil of 3/8" and 1/2" size.



ONLY 86mm



Compact Housing Body Design

ST-IW1040 1/2" Dr.
Max torque: 813 Nm(600 ft-lb)
Jumbo Hammer



ST-IW1041 1/2" Dr.
Max torque: 813 Nm(600 ft-lb)
Jumbo Hammer

Scan me!



One-hand F/R Operation Design
- Levered forward / reverse switch system for both of right-handed and left-handed operator.
- Three-positions torque/speed setting mechanism.





ST-5139 3/8" Dr
Max torque: 610 Nm (450 ft-lb)

ST-5149 1/2" Dr.
Max torque: 678 Nm (500 ft-lb)
Jumbo Hammer

NEW



ST-IW2240 1/2" Dr
Max torque: 746 Nm (550 ft-lb)
Jumbo Hammer



ST-C557 1/2" Dr.
Max torque: 1,044 Nm (770 ft-lb)
Jumbo Hammer
Composite Housing



ST-IW0641 1/2" Dr
Max torque: 949 Nm (700 ft-lb)
Twin Hammer



120° Bend-over Hammer Head
It can forward 60° and backward another 60°, to reach the target bolt freely, even in a narrow limited space.

ST-IW7130 3/8" Dr.
ST-IW7140 1/2" Dr.
Max torque: 500 Nm (369 ft-lb)
Twin Hammer



360° Free Swivel Handle
Easily press the trigger in any osition.

Model No.	Square Drive (inch)	Capacity Bolt Size		Free Speed (rpm)	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
		mm	inch		Nm	ft-lb	mm	in			l/min	cfm	kg	lbs	
ST-IW1040	1/2	M16	5/8	8,000	813	600	86	3-2/5	1/4"	3/8"	430	15	1.33	2.98	10Pcs/Ctn
ST-IW1041	1/2	M16	5/8	8,000	813	600	99	3-8/9	1/4"	3/8"	430	15	1.33	2.98	10Pcs/Ctn
ST-5139	3/8	M16	5/8	11,000	610	450	99	3-8/9	1/4"	3/8"	430	15	1.35	2.98	10Pcs/Ctn
ST-5149	1/2	M16	5/8	11,000	678	500	99	3-8/9	1/4"	3/8"	430	15	1.35	2.98	10Pcs/Ctn
NEW ST-IW2240	1/2	M16	5/8	11,000	746	550	110	4-1/3	1/4"	3/8"	430	15	1.21	2.67	10Pcs/Ctn
ST-C557	1/2	M16	5/8	10,000	1044	770	113	4-4/9	1/4"	3/8"	430	15	1.35	2.98	8Pcs/Ctn
ST-IW0641	1/2	M16	5/8	10,000	949	700	119	4-2/3	1/4"	3/8"	430	15	1.5	3.31	8Pcs/Ctn
ST-IW7130	3/8	M10	3/8	8,500	500	369	275	10-4/5	1/4"	3/8"	400	14	1.39	3.06	10Pcs/Ctn
ST-IW7140	1/2	M10	3/8	8,000	500	369	275	10-4/5	1/4"	3/8"	400	14	1.33	2.95	10Pcs/Ctn

★Recommend Air Pressure 6.2 bar (90psi)

1/2" & 3/4" & 1" Professional Air Impact Wrench



Powerful Torque
Featuring a Twin-Hammer mechanism for maximum power and consistently smooth, balanced impact.

Light Weight
3.39 kg



Side Exhaust

Inner Trigger or Optional Outer Trigger

Durable
Made from high-grade Japanese steel, the anvil ensures exceptional strength and long-lasting performance.

NEW



Easy-Access F/R Regulator Design
2 speed setting for forward 1(Full)speed setting for reverse.

Composite

360° Air Inlet
Eliminates hose twisting and kinks for seamless operation.



ST-IW9462 3/4" Dr.
ST-IW9482 1" Dr.
Max torque:
2034 Nm (1,500 ft-lb)

Flexible Handle Design
Left or right, your choice.

Composite Housing Design
Reduces overall weight while providing superior impact resistance and increased durability.

ST-IW9463 3/4" Dr.
ST-IW9483 1" Dr.
Max torque: 2034 Nm (1,500 ft-lb)

Powerful Torque
Durable Twin Hammer impact mechanism delivers 1,500 ft lbs / 2,034 Nm maximum torque power



Forward / Reverse Regulator
with 3 power settings in forward and full power setting in reverse.



New designed ergonomic aluminum handle housing

Sensitive Trigger
enable the Multi-Speed control

Rubber Grip
for better handing comfort during the operation.



ST-IW1243T 1/2" Dr.
Max torque: 895 Nm (660 ft-lb)
Twin Hammer

ST-IW1263T 3/4" Dr.
Max torque: 2,034 Nm (1,500 ft-lb)
Twin Hammer

Handle Exhaust Design



ST-5547 1/2" Dr.
Max torque: 813 Nm (600 ft-lb)
Twin Hammer

Industrial



ST-5548 1/2" Dr.
Max torque: 950 Nm (700 ft-lb)
Twin Hammer



ST-5567 3/4" Dr.
Max torque: 1,017 Nm (750 ft-lb)
New Twin Hammer

Model No.	Square Driver (inch)	Capacity Bolt Size		Free Speed (rpm)	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
		mm	inch		Nm	ft-lb	mm	in			l/min	cfm	kg	lbs	
NEW ST-IW9462	3/4	M30	1-3/16	7,500	2,034	1,500	313	12-1/3	3/8"	1/2"	540	19	3.39	7.47	2Pcs/Ctn
NEW ST-IW9463	3/4	M30	1-3/16	7,500	2,034	1,500	217	8-1/2	3/8"	1/2"	540	19	3.28	7.23	4Pcs/Ctn
NEW ST-IW9482	1	M30	1-3/16	7,500	2,034	1,500	320	12-3/5	3/8"	1/2"	540	19	3.54	7.80	2Pcs/Ctn
NEW ST-IW9483	1	M30	1-3/16	7,500	2,034	1,500	224	8-5/6	3/8"	1/2"	540	19	3.73	8.22	4Pcs/Ctn
ST-IW1263T	3/4	M16	5/8	5,500	2,034	1,500	210	8-1/4	1/4"	3/8"	480	17	4.4	9.70	6Pcs/Ctn
ST-IW1243T	1/2	M16	5/8	9,500	895	660	186	7-1/3	1/4"	3/8"	480	17	2.28	5.02	10Pcs/Ctn
ST-5547	1/2	M16	5/8	7,500	813	600	195	7-2/3	1/4"	3/8"	480	17	2.6	5.72	8Pcs/Ctn
ST-5548	1/2	M19	3/4	7,000	950	700	200	7-7/8	1/4"	3/8"	480	17	2.8	6.16	8Pcs/Ctn
ST-5567	3/4	M21	53/64	6,300	1,017	750	217	8-1/2	1/4"	3/8"	540	19	3	6.60	8Pcs/Ctn

★Recommend Air Pressure: 6.2bar (90psi)

Industrial Triple Hammer Air Impact Wrench NEW

The best Power to Weight ratio for super Industrial applications!

Features:

- Low vibration:The triple-hammer mechanism delivers strong torque with 20-40% less vibration, ensuring efficient and comfortable operation during heavy-duty tasks.
- Long durability: Triple hammer mechanism has three strikers making three impacts per rotation that is 50% more durable than usual two hammer mechanism.

Scan me!

Triple Hammer Mechanism
low vibration and durable front cover with gravity casting.



Light Weight
7.4 kg

Ergonomic composite side handle design.

Inner Trigger or Optional Outer Trigger
Non-slip grip offers better user handling comfort during operation.

ST-IW0880 1" Dr.
Max torque:
3,390 Nm (2,500 ft-lb)

ST-IW0880-6 1" Dr. w/6" Ext. Anvil
Max torque:
3,390 Nm (2,500 ft-lb)
Side Exhaust

Four-Speed Adjustable

Angled 1/2" air inlet.

Light weight and good balance.

Durable & Ergonomic F/R Switch.



ST-IW0740 1/2" Dr.
Max torque:
1,424 Nm (1,050 ft-lb)
Handle Exhaust



ST-IW0960 3/4" Dr.
Max torque:
1,763 Nm (1,300 ft-lb)
Handle Exhaust



ST-IW2160 3/4" Dr.
Max torque:
2,169 Nm (1,600 ft-lb)
Handle Exhaust



ST-IW0980 1" Dr.
Max torque:
3,390 Nm (2,500 ft-lb)

ST-IW0980-6 1" Dr. w/6" Ext. anvil
Max torque:
3,390 Nm (2,500 ft-lb)
Front + Handle Exhaust

Model No.	Square Drive (inch)	Std. Bolt Size		Free Speed (rpm)	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
		mm	in		N-m	ft-lb	mm	in			l/min	cfm	kgs	lbs	
ST-IW0740	1/2	M16	5/8	7,000	1,424	1,050	173	6-4/5	1/4"	3/8"	480	17	1.96	4.32	10Pcs/Ctn
ST-IW2160	3/4	M30	1-3/16	6,500	2,169	1,600	235	9-1/4	3/8"	3/8"	540	19	4.9	10.80	4Pcs/Ctn
ST-IW0960	3/4	M27	1-1/16	5,200	1,763	1,300	218	8-4/7	3/8"	3/8"	540	19	4.25	9.37	4Pcs/Ctn
ST-IW0980	1	M36	1-27/64	3,500	3,390	2,500	270	10-5/8	3/8"	3/8"	708	25	7.1	15.65	2Pcs/Ctn
ST-IW0980-6	1	M36	1-27/64	3,500	3,390	2,500	393	15-1/2	3/8"	3/8"	708	25	7.9	17.42	2Pcs/Ctn
ST-IW0880	1	M36	1-27/64	4,500	3,390	2,500	363	14-2/7	1/2"	3/8"	708	25	7.4	16.31	2Pcs/Ctn
ST-IW0880-6	1	M36	1-27/64	4,500	3,390	2,500	482	19	1/2"	3/8"	708	25	8.1	17.86	1Pcs/Ctn

★Recommend Air Pressure: 6.2bar (90psi)

1” & 1-1/2” Professional Air Impact Wrench

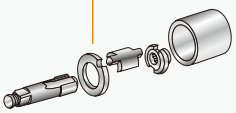
Applications:

●Designed for heavy vehicle tire change and general facility maintenance, erdonomic handle design offers great convenience and comfort to operator.



ST-IW1780 1" Dr.
ST-IW1780-8 1" Dr. w/8" Ext. Anvil
Max torque: 4,745 Nm (3,500 ft-lb)

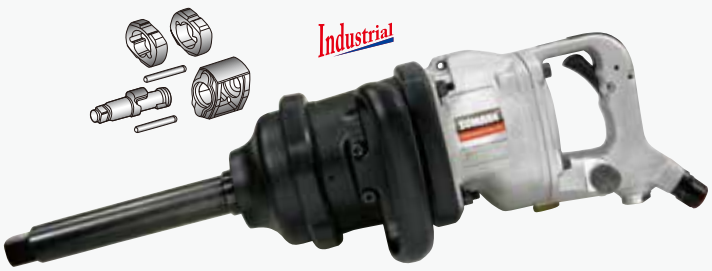
ST-IW1790 1-1/2” Dr.
Max torque: 4,745 Nm (3,500 ft-lb)
Pinless Clutch



Pinless Clutch
Pinless clutch impact mechanism with tremendous torque output.



ST-55981 1" Dr.
ST-55981-9 1" Dr. w/9" Ext. Anvil
Max torque: 4,881 Nm (3,600 ft-lb)
Twin Hammer



ST-55883 1" Dr.
ST-55883-8 1" Dr. W/8" Ext. Anvil
Max torque:
3,390 Nm (2,500 ft-lb)
Twin Hammer

ST-55886 1-1/2" Dr.
Max torque:
4,067 Nm (3,000 ft-lb)
Twin Hammer



ST-55991 1-1/2" Dr.
Max torque:
4,881 Nm (3,600 ft-lb)
Twin Hammer

Model No.	Square Driver (inch)	Capacity Bolt Size		Free Speed (rpm)	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
		mm	inch		Nm	ft-lb	mm	in			l/min	cfm	kg	lbs	
ST-IW1780	1	M36	1-27/64	4,000	4,745	3,500	417	16-3/7	1/2”	1/2”	708	25	15.1	33.31	1Pcs/Ctn
ST-IW1780-8	1	M36	1-27/64	4,000	4,745	3,500	620	24-2/5	1/2”	1/2”	708	25	16.7	36.81	1Pcs/Ctn
ST-IW1790	1-1/2	M36	1-27/64	4,000	4,745	3,500	430	17	1/2”	1/2”	708	25	15.1	33.31	1Pcs/Ctn
ST-55883	1	M48	1-7/8	3,000	3,390	2,500	448	17-2/3	1/2”	1/2”	708	25	15.2	33.5	1Pcs/Ctn
ST-55883-8	1	M48	1-7/8	3,000	3,390	2,500	628	24-5/7	1/2”	1/2”	708	25	16.4	36.1	1Pcs/Ctn
ST-55886	1-1/2	M53	2-1/8	3,000	4,067	3,000	475	18-5/7	1/2”	1/2”	708	25	15.1	33.2	1Pcs/Ctn
ST-55981	1	M55	2-1/4	3,500	4,881	3,600	468	18-3/7	1/2”	1/2”	708	25	16	35.27	1Pcs/Ctn
ST-5597-8	1-1/2	M50	2	2,600	4,881	3,600	630	24-4/5	1/2”	3/4”	900	32	17.8	39.1	1Pcs/Ctn
ST-55991	1-1/2	M56	2	3,500	4,881	3,600	470	18-1/2	1/2”	1/2”	900	32	15.8	34.83	1Pcs/Ctn

★Recommend Air Pressure: 6.2bar (90psi)

Industrial Full Auto Shut Off Air Open-End Wrench

Powerful. Durability. Ergonomics Design

Features:

- Gas ramps in hobs, boiler pipes, coffee machine pipes. Compressor assembly, refrigerator pipes or automobile breaking system pipes and so on.
- Extremely easy and useful to tighten things up in limited spaces.
- Variety gear socket size to fit in different assembly situations.
- Ergonomics design for easy gripping with less fatigue.
- Operate easily / smoothly and automatic release of socket back to preset open position by one-hand, two-step throttle lever.
- Fastening operations in limited spaces where angle tools and nutrunners cannot reach.
- Efficiently tighten hard-to-reach tube and hose applications, increasing productivity with fast and accurate results



Put socket into nut.



Press the lever to tighten.



Push the button in the middle position, confirm socket in open position.



Low Noise
Build-in muffler effectively reduces noise.



Adjust the Wrench Gear Set angle

One button for easily releasing
Special Two-Throttle design, easy operation by one hand, back to start position accurately.

External torque adjustment
Turn right to increase and left to decrease.

Scan me!

Off

Operations in confined spaces
The reduced thickness of the head, is also good for operators to work in any circumstance.



POWR(B)12 has the industry's most compact head assembly set.



Check Socket in open position



Rotate forward for tightening



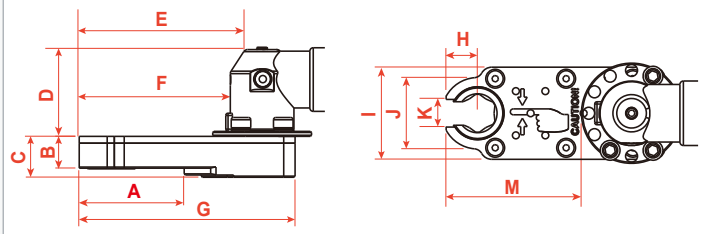




Industrial Full Auto Shut Off Air Open-End Wrench



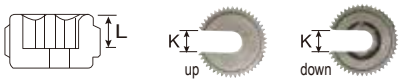
Dimension:



Unit:mm

Model No.	A	B	C	D	E	F	G	H	I	J	M
POWR(B)12	38.3	14	18	38.2	61.57	54.87	83.49	10.9	40	27	47.3
POWR(S)(B)15	46.2	14	18	39.2	73	66.5	95	13.6	40	31	58.8
POWR(S)(B)19	57.2	14	18	39.2	97.4	90.9	119.4	20.6	48	46.6	83.2
POWR(S)(B)24	71	14	18	39.2	120.9	114.4	142.9	26.6	59	59	106.6
POWR(S)28	92.1	14	18	39.2	163.5	157	185.5	39.3	86	86	149.3

Blind Type



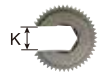
Hex Size of Gear Socket	POWB12	POWB15	POWB19	POWB24	K (mm)	L (mm)
8mm	POWB12-08				5.6	5
10mm	POWB12-10	POWB15-10			7	6.5
11mm		POWB15-11			8.1	6.5
12mm		POWB15-12			8.5	6.5
13mm		POWB15-13			9	9
14mm		POWB15-14			10.2	9
15mm		POWB15-15			10.5	9
16mm		POWB15-16			10.9	9
17mm		POWB15-17	POWB19-17		11.3	9
18mm			POWB19-18		12	9
19mm			POWB19-19		13.1	9
20mm			POWB19-20		13.5	9
21mm			POWB19-21		15	9
22mm			POWB19-22		15.2	9
23mm			POWB19-23		15.5	9
24mm			POWB19-24	POWB24-24	16.1	9
26mm				POWB24-26	17.1	9
27mm				POWB24-27	18.1	9
29mm				POWB24-29	19.2	9
30mm				POWB24-30	20.1	9
32mm				POWB24-32	21.2	9

Standard



Hex Size of Gear Socket	POWR12	POWR15	POWR19	POWR24	POWR28	K (mm)
6mm	POWR12-06					
7mm		POWR15-07				5
8mm	POWR12-08	POWR15-08				5.6
9mm		POWR15-09				6.5
10mm	POWR12-10	POWR15-10				7
11mm		POWR15-11				8.1
12mm		POWR15-12				8.5
13mm		POWR15-13				9
14mm		POWR15-14				10.2
15mm		POWR15-15				10.5
16mm		POWR15-16				10.9
17mm		POWR15-17	POWR19-17			11.3
18mm			POWR19-18			12
19mm			POWR19-19			13.1
20mm			POWR19-20			13.5
21mm			POWR19-21			15
22mm			POWR19-22			15.2
23mm			POWR19-23			15.5
24mm			POWR19-24	POWR24-24		16.1
26mm				POWR24-26		17.1
27mm				POWR24-27		18.1
29mm				POWR24-29		19.2
30mm				POWR24-30		20.1
32mm				POWR24-32		21.2
36mm					POWR28-36	25
38mm					POWR28-38	26
41mm					POWR28-41	28
46mm					POWR28-46	31
50mm					POWR28-50	34.5
55mm					POWR28-55	37.5
1/4"	POWR12-1/4					11.5
11/16"			POWR19-11/16			

Insert Type



Hex Size of Gear Socket	POWS15	POWS19	POWS24	POWS28	K (mm)
7mm	POWS15-07				7.1
8mm	POWS15-08				8.1
9mm	POWS15-09				9.1
10mm	POWS15-10				10.1
11mm	POWS15-11				11.1
12mm		POWS19-12			12.1
13mm		POWS19-13			13.1
14mm		POWS19-14			14.1
15mm		POWS19-15			15.1
16mm		POWS19-16			16.1
17mm			POWS24-17		17.1
18mm			POWS24-18		18.1
19mm			POWS24-19		19.1
20mm			POWS24-20		20.1
21mm			POWS24-21		21.1
22mm			POWS24-22		22.1
36mm				POWS28-36	36.1

Specification:

*Custom-made is available.

Model No.	Torque Range (Nm)	Free Speed (r.p.m.)	Hex Size of Gear Socket (mm)	Overall Length		Net Weight		Air Consumption		Air Inlet (PT)	Sound Level dB(A)
				mm	in	kgs	lbs	l/min	cfm		
POWB12	6~12	300	8, 10	402	15.82	1.65	3.64	198	7	1/4	87
POWR12	6~12	300	6, 8, 10, 1/4"	402	15.82	1.65	3.64	198	7	1/4	87
POWB15	7.5~15	230	10, 11, 12, 13, 14, 15, 16, 17	413	16.25	1.67	3.68	198	7	1/4	87
POWR15	7.5~15	230	7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17	413	16.25	1.67	3.68	198	7	1/4	87
POWS15	7.5~15	230	7, 8, 9, 10, 11	413	16.25	1.67	3.68	198	7	1/4	87
POWB19	10~20	150	17, 18, 19, 20, 21, 22, 23, 24	438	17.24	1.84	4.05	198	7	1/4	87
POWR19	10~20	150	17, 18, 19, 20, 21, 22, 23, 24, 11/16"	438	17.24	1.84	4.05	198	7	1/4	87
POWS19	10~20	150	12, 13, 14, 15, 16	438	17.24	1.84	4.05	198	7	1/4	87
POWB24	12~24	115	24, 26, 27, 29, 30, 32	461	18.14	2.09	4.60	198	7	1/4	87
POWR24	12~24	115	24, 26, 27, 29, 30, 32	461	18.14	2.09	4.60	198	7	1/4	87
POWS24	12~24	115	17, 18, 19, 20, 21, 22	461	18.14	2.09	4.60	198	7	1/4	87
POWR28	14~28	100	36, 38, 41, 46, 50, 55	504	19.84	2.52	5.56	198	7	1/4	87
POWS28	14~28	100	36	504	19.84	2.52	5.56	198	7	1/4	87

★Recommend Air Pressure: 6.2bar (90psi)

Especially ideal for use in limited spaces

ST-RW701 25 Nm
Capacity: 10~14 mm
7/16", 1/2", 9/16"

ST-RW702 25 Nm
Capacity: 10~19 mm
5/8",11/16",3/4"

ST-RW720 10 Nm
Capacity: 6~12 mm
1/4", 5/16", 3/8"
Rear exhaust



AVIATION TOOLS

ST-RW700 25 Nm
Capacity: 10~19 mm, 11/16" Hex Bolt



ST-55591A 10 Nm
Rear exhaust
Capacity: 6~12 mm, 1/4", 3/8" Hex Bolt

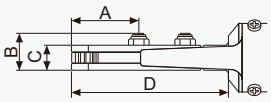


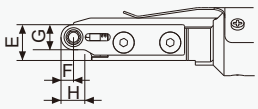
ST-55592A 25 Nm
Capacity: 10~14 mm, 1/2", 9/16" Hex Bolt
Rear exhaust



ST-55591B 10 Nm
Rear exhaust
Capacity: 6 mm, 1/4", Hex Bolt

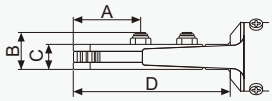
*Industry's most compact ratchet head assembly.

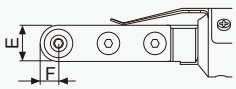




Unit: mm

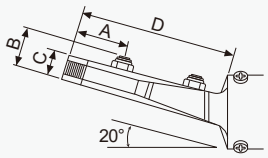
Model No.	A	B	C	D	E	F	G	H
ST-55591B	35	20	12.2	85	20	7	14	13.3

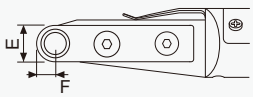




Unit: mm

Model No.	A	B	C	D	E	F
ST-RW700	51	26	18	123	41	20.5
ST-55591A	38.2	20	13.2	88.2	20	10.2
ST-55592A	44.4	26	18	109	25.2	12.2





Unit: mm

Model No.	A	B	C	D	E	F
ST-RW701	44.4	26	18	105	25.2	12.2
ST-RW702	51	26	18	111.5	33.2	16.6
ST-RW720	38.2	20	13.2	83.9	20	10.2

Model No.	Capacity Bolt Size mm (inch)	Free Speed (rpm)	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
			Nm	ft-lb	mm	in			l/min	cfm	kg	lbs	
ST-RW701	10,11,12,13,14, (7/16",1/2", 9/16")	220	25	18	327	12-7/8	1/4"	3/8"	212	7.5	1.92	4.23	10Pcs/Ctn
ST-RW702	10,11,12,13,14,15,16,17,18,19 (5/8",11/16",3/4")	190	25	18	333	13-1/9	1/4"	3/8"	212	7.5	2	4.40	10Pcs/Ctn
ST-RW720	6, 7, 8, 9, 10, 11, 12, (1/4", 5/16", 3/8")	180	10	7.4	281	11	1/4"	3/8"	480	17	2	4.41	10Pcs/Ctn
ST-RW700	10, 11, 12, 13, 14, 15,16, 17, 18, 19, (11/16")	190	25	18	338	13-1/3	1/4"	3/8"	480	17	2	4.41	5Pcs/Ctn
ST-55591A	6,7,8,9,10,11,12,(1/4", 3/8")	180	10	7.4	285	11-2/9	1/4"	3/8"	396	14	1.28	2.82	20Pcs/Ctn
ST-55591B	6, (1/4")	250	10	7.4	282	11-1/9	1/4"	3/8"	396	14	1.26	2.78	10Pcs/Ctn
ST-55592A	10,11,12,13,14, (1/2",9/16")	220	25	18	332	13	1/4"	3/8"	480	17	1.92	4.23	20Pcs/Ctn

★ Recommend Air Pressure: 6.2bar (90psi)

Industrial Air Ratchet Wrench



ST-55599 90 Nm
Rear exhaust



ST-RW710 90 Nm
Rear exhaust



ST-RW711 90 Nm
Rear exhaust



ST-RW712 90 Nm
Rear exhaust



Unit: mm

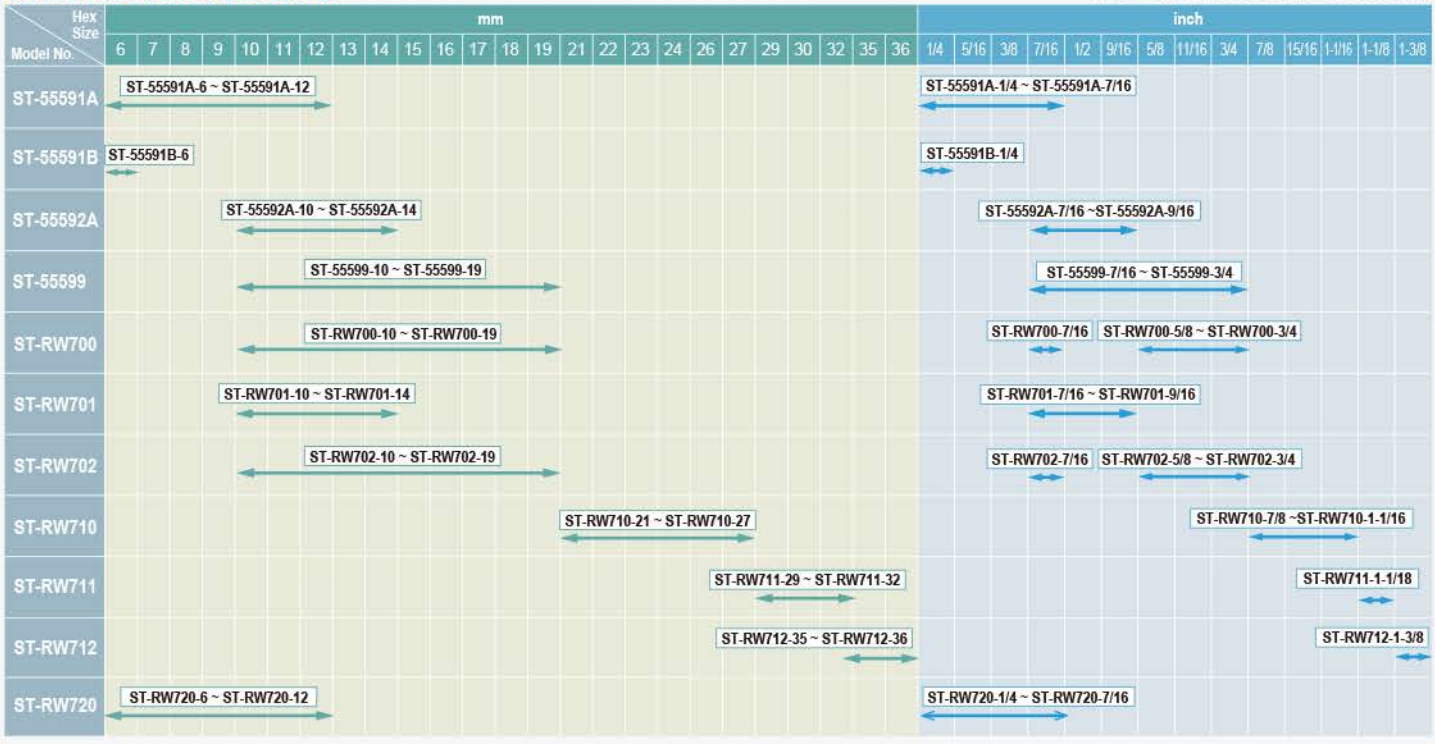
Model No.	A	B	C	D	E	F
ST-55599	51	26	18	115	33.2	16.6
ST-RW710	59	26	18	123	41	20.5
ST-RW711	66	26	18	130	48	24
ST-RW712	70	26	18	134	52	26

Model No.	Capacity Bolt Size mm (inch)	Free Speed (rpm)	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kg)
			Nm	ft-lb	mm	in			l/min	cfm	kg	lbs	
ST-55599	10,11,12,13,14,15,16,17,18,19, (11/16")	150	90	66.6	390	15-1/3	1/4"	3/8"	480	17	2.42	5.33	4Pcs/Ctn/11.5/0.8'
ST-RW710	21, 22, 23, 24, 26, 27, (3/8", 7/8", 15/16", 1-1/16")	130	90	66	398	15-2/3	1/4"	3/8"	480	17	2.48	5.46	4Pcs/Ctn/11.12/0.8'
ST-RW711	29, 30, 32, (1-1/8")	110	90	66	405	16	1/4"	3/8"	480	17	2.50	5.51	4Pcs/Ctn/11.12/0.8'
ST-RW712	35, 36, (1-3/8")	100	90	66	408	16-1/8	1/4"	3/8"	480	17	2.52	5.55	4Pcs/Ctn/11.2/0.8'

★Recommend Air Pressure: 6.2bar (90psi)

Order Code Reference:

*Please indicate the bolt size when ordering





Professional Air Ratchet Wrench / Industrial Impact Ratchet Wrench

Features:

- Designed for tightening and loosening nuts in vehicle engine bays and under-lift areas.



Anti-opening Structural Design



Composite

The ergonomically enhanced composite handle grip with professional and super touch.

Close Head

ST-RW960 3/8" Dr.
ST-RW961 1/2" Dr.
Torque: 120 ft-lb

ST-RW950 3/8" Dr.
ST-RW951 1/2" Dr.
Torque: 80 ft-lb

Features:

- The newest series of Heavy Duty Impact Ratchet Wrench are made of Unicorn™ Hammer mechanism.
- It has greatest performance with more powerful torque and less counterforce.
- Patented Head-Sealed Ratchet Housing.
- Perfect body designed comfort utilizing in a limited room.



ST-55622 1/4" Dr.
ST-55623 3/8" Dr.
(Unicorn™ Hammer)
Torque: 50 ft-lb
Rear exhaust



ST-55624 3/8" Dr.
ST-55625 1/2" Dr.
(Unicorn™ Hammer)
100 ft-lb
Front exhaust



ST-55626 3/8" Dr.
ST-55627 1/2" Dr.
(Unicorn™ Hammer)
Torque: 200 ft-lb
Front exhaust



Dual Pawl Ratchet Design

ST-55528 3/8" Dr.
ST-55529 1/2" Dr.
(Unicorn™ Hammer)
Torque: 120 ft-lb
Front exhaust

Model No.	Square Driver (inch)	Capacity Bolt Size		Free Speed (rpm)	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
		mm	inch		Nm	ft-lb	mm	inch			l/min	cfm	kg	lbs	
ST-RW950	3/8	M13	1/2	180	108	80	298	11-3/4	1/4"	3/8"	400	14	1.22	2.71	10Pcs/Ctn
ST-RW951	1/2	M13	1/2	180	108	80	298	11-3/4	1/4"	3/8"	400	14	1.22	2.71	10Pcs/Ctn
ST-RW960	3/8	M13	1/2	160	163	120	320	12-3/5	1/4"	3/8"	400	14	1.56	3.45	10Pcs/Ctn
ST-RW961	1/2	M13	1/2	160	163	120	320	12-3/5	1/4"	3/8"	400	14	1.56	3.45	10Pcs/Ctn
ST-55528	3/8	M13	1/2	600	163	120	350	13-7/9	1/4"	3/8"	400	14	1.90	4.17	6Pcs/Ctn
ST-55529	1/2	M13	1/2	600	163	120	350	13-7/9	1/4"	3/8"	400	14	1.90	4.17	6Pcs/Ctn
ST-55622	1/4	M10	3/8	700	68	50	164	6-1/2	1/4"	3/8"	283	10	0.60	1.32	30Pcs/Ctn
ST-55623	3/8	M10	3/8	700	68	50	164	6-1/2	1/4"	3/8"	283	10	0.60	1.32	30Pcs/Ctn
ST-55624	3/8	M13	1/2	600	136	100	301	11-6/7	1/4"	3/8"	400	14	1.80	3.96	12Pcs/Ctn
ST-55625	1/2	M13	1/2	600	136	100	301	11-6/7	1/4"	3/8"	400	14	1.80	3.96	12Pcs/Ctn
ST-55626	3/8	M13	1/2	900	271	200	389	15-1/3	1/4"	3/8"	400	14	2.50	5.51	12Pcs/Ctn
ST-55627	1/2	M13	1/2	900	271	200	389	15-1/3	1/4"	3/8"	400	14	2.50	5.51	12Pcs/Ctn

★ Recommend Air Pressure: 6.2bar (90psi)

Industrial & Professional Air Ratchet Wrench

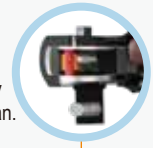




Sealed Head

ST-RW930 1/4" Dr.
ST-RW931 3/8" Dr.
Torque: 20 ft-lb

The patented dual steel pin design enhances durability and extends lifespan.



NEW

Scan me!

ST-RW910 1/4" Dr
Torque: 40 ft-lb

ST-RW911 3/8" Dr.
Torque: 45 ft-lb



ST-RW940 1/4" Dr.
ST-RW941 3/8" Dr.
Torque: 35 ft-lb



ST-55502 1/4" Dr.
ST-55503 3/8" Dr.
Torque: 15 ft-lb

★Less Counterforce



Maurer Clutch Mechanism

ST-RW970 1/4" Dr.
ST-RW971 3/8" Dr.
Torque: 40 ft-lb

★Less Counterforce



Maurer Clutch Mechanism

ST-RW980 3/8" Dr.
ST-RW981 1/2" Dr.
Torque: 60 ft-lb



ST-5555 1/4" Dr.
ST-5555A 3/8" Dr.
Torque: 25 ft-lb



ST-RW5203 3/8" Dr.
ST-RW5204 1/2" Dr.
Torque: 45 ft-lb



ST-5557 3/8" Dr.
ST-5556 1/2" Dr.
Torque: 50 ft-lb

Industrial



ST-5554 1/2" Dr.
Heavy duty ratchet wrench
Torque: 90 ft-lb

Model No.	Square Driver (inch)	Capacity Bolt Size		Free Speed (rpm)	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
		mm	inch		Nm	ft-lb	mm	in			l/min	cfm	kg	lbs	
NEW ST-RW910	1/4	M6	1/4	280	55	40	178	7	1/4"	3/8"	400	14	0.625	1.38	20Pcs/Ctn
NEW ST-RW911	3/8	M10	3/8	300	60	45	178	7	1/4"	3/8"	400	14	0.625	1.38	20Pcs/Ctn
ST-RW930	1/4	M6	1/4	260	27	20	135	5-1/3	1/4"	1/4"	283	10	0.49	1.08	20Pcs/Ctn
ST-RW931	3/8	M10	3/8	260	27	20	135	5-1/3	1/4"	1/4"	283	10	0.49	1.08	20Pcs/Ctn
ST-RW940	1/4	M10	3/8	300	47	35	220	8-2/3	1/4"	3/8"	283	10	0.63	1.41	20Pcs/Ctn
ST-RW941	3/8	M10	3/8	300	47	35	220	8-2/3	1/4"	3/8"	283	10	0.63	1.41	20Pcs/Ctn
ST-RW970	1/4	M10	3/8	700	54	40	160	6-2/7	1/4"	3/8"	400	14	0.65	1.43	20Pcs/Ctn
ST-RW971	3/8	M10	3/8	700	54	40	160	6-2/7	1/4"	3/8"	400	14	0.65	1.43	20Pcs/Ctn
ST-RW980	3/8	M10	3/8	350	82	60	254	10	1/4"	3/8"	400	14	1.34	2.95	10Pcs/Ctn
ST-RW981	1/2	M10	3/8	350	82	60	254	10	1/4"	3/8"	400	14	1.34	2.95	10Pcs/Ctn
ST-RW5203	3/8	M10	3/8	200	61	45	265	10-3/7	1/4"	3/8"	370	13	1.1	2.43	10Pcs/Ctn
ST-RW5204	1/2	M13	1/2	200	61	45	265	10-3/7	1/4"	3/8"	370	13	1.1	2.43	10Pcs/Ctn
ST-5554	1/2	M13	1/2	150	122	90	365	14-3/8	1/4"	3/8"	400	14	2.0	4.4	10Pcs/Ctn
ST-5555	1/4	M7	5/16	230	34	25	165	6-1/2	1/4"	1/4"	283	10	0.5	1.1	25Pcs/Ctn
ST-5555A	3/8	M7	5/16	230	34	25	165	6-1/2	1/4"	1/4"	283	10	0.5	1.1	25Pcs/Ctn
ST-5556	1/2	M13	1/2	170	68	50	267	10-1/2	1/4"	3/8"	400	14	1.2	2.6	10Pcs/Ctn
ST-5557	3/8	M10	3/8	170	68	50	267	10-1/2	1/4"	3/8"	400	14	1.2	2.6	20Pcs/Ctn
ST-55502	1/4	M6	1/4	260	20	15	133	5-1/4	1/4"	1/4"	283	10	0.45	0.99	20Pcs/Ctn
ST-55503	3/8	M10	3/8	260	20	15	133	5-1/4	1/4"	1/4"	283	10	0.45	0.99	20Pcs/Ctn

★Recommend Air Pressure: 6.2bar (90psi)

Industrial & Professional Air Screwdriver



Two Pinless Hammer Mechanism
Pinless closed reinforced hammer mechanism offering the higher durability.



ST-SD310
Air impact screwdriver
(Two Pinless Hammer)



Forward / Reverse
switch lever

Two-Steps Speed & Torque Trigger Control
*1st step: Working torque (2sec.):
27 ft-lb (36 Nm) Speed: 6,000 rpm
*2nd step: Working torque (2sec.):
50 ft-lb (68 Nm) Speed: 10,000 rpm

Built-in Muffler
Reduces noise level

ST-SD500
Air impact screwdriver
(Two Pinless Hammer)



Scan me!

ST-SD300
Air impact screwdriver
(Double Hammer)



ST-SD400
Air impact screwdriver
(Two Hammer)
Composite Housing



ST-SD401
ST-SD402
Direct driven type air screwdriver
Composite Housing





ST-4450
ST-4450A w/quick change chuck
Air adjustable clutch screwdriver





ST-4460
ST-4460A w/quick change chuck
Air impact screwdriver
(Double Hammer)



ST-4470A
Heavy duty air impact screwdriver
(Double Hammer)



ST-4469
Heavy duty air impact screwdriver
(Double Hammer)



ST-4468
Air impact screwdriver
(Double Hammer)



ST-4460AK
10 Pcs air impact screwdriver Kit



ST-4468K
9 pcs air impact screwdriver kit
(Double Hammer)

Model No.	Hex Shank Size		Free Speed (rpm)	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
	mm	inch		Nm	ft-lb	mm	in			l/min	cfm	kg	lbs	
ST-SD310	6.35	1/4	9,000	95	70	230	9	1/4"	3/8"	270	9.5	1.07	2.36	10/Ctn
ST-SD500	6.35	1/4	10,000	95	70	165	6-1/2	1/4"	3/8"	270	9.5	1.2	2.65	10/Ctn
ST-SD300	6.35	1/4	12,000	68	50	175	6-8/9	1/4"	3/8"	270	9.5	0.68	1.3	20/Ctn
ST-SD400	6.35	1/4	13,000	60	44.5	187	7-1/3	1/4"	3/8"	270	9.5	1	2.2	10/Ctn
ST-SD401	6.35	1/4	2,500	6	4.45	155	6-7/9	1/4"	3/8"	270	9.5	0.9	1.98	12/Ctn
ST-SD402	6.35	1/4	1,000	14.9	11.03	155	6-7/9	1/4"	3/8"	270	9.5	1.04	2.29	12/Ctn
ST-4450	6.35	1/4	1,700	3	2.2	235	9-1/4	1/4"	3/8"	270	9.5	0.65	1.4	20/Ctn
ST-4450A	6.35	1/4	1,700	3	2.2	235	9-1/4	1/4"	3/8"	270	9.5	0.66	1.4	20/Ctn
ST-4460	6.35	1/4	12,000	35	26	178	7	1/4"	3/8"	270	9.5	0.7	1.5	20/Ctn
ST-4460A	6.35	1/4	12,000	35	26	185	7-7/25	1/4"	3/8"	270	9.5	0.7	1.5	20/Ctn
ST-4468	6.35	1/4	13,000	35	26	143	5-3/5	1/4"	3/8"	270	9.5	0.88	1.9	20/Ctn
ST-4469	6.35	1/4	7,500	200	148	230	9	1/4"	3/8"	270	9.5	1.12	2.4	20/Ctn
ST-4470A	6.35	1/4	8,000	200	148	225	8-23/26	1/4"	3/8"	270	9.5	1.1	2.4	10/Ctn

★Recommend Air Pressure: 6.2bar (90psi)



Features:

- This industrial air screwdriver series is developed with operator comfort, efficiency and accuracy in mind.
- The compact & lightweight aluminum housing design and comfort grip combined with the powerful 0.6 ~ 1 HP motor makes this series is powerful and comfortable to hold.
- It is suitable to the applications from furniture assembly to aircraft manufacturing and repair.



Available in 1 HP and 0.6 HP motor



Direction Lever
Easily switching between clockwise or counterclockwise directions.



Ergo Wings
Provide stronger grip while drilling through hard materials.

Durable positive clutch mechanism





Ergonomic
Soft textured insulating grip allows to reduce vibration and provide maximum comfort during continuous hand drilling operation.

ST-SD110 2,800 rpm
ST-SD111 1,800 rpm
Air positive clutch screwdriver
-0.6HP

Progressive Trigger
Allows various speed control and accurate drilling capability.

Quiet
Built-in silencer reduces noise level to minimum.



Stall drive



ST-SD120 2,000 rpm
ST-SD121 1,450 rpm
Air positive clutch screwdriver
-1 HP



ST-SD140 4,000 rpm
ST-SD141 2,800 rpm
ST-SD142 2,000 rpm
ST-SD143 700 rpm
ST-SD144 350 rpm
Air stall pistol grip screwdriver
-0.6 HP

ST-SD150 2,700 rpm
ST-SD151 1,400 rpm
ST-SD152 450 rpm
ST-SD153 250 rpm
Air stall pistol grip screwdriver
-1 HP

Model No.	Hex Shank Size		Free Speed (rpm)	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
	mm	inch		Nm	in-lb	mm	in			l/min	cfm	kg	lbs	
ST-SD110	6.35	1/4	2,800	4.5	40	195	7-2/3	1/4"	3/8"	400	14	0.92	2.0	10/Ctn
ST-SD111	6.35	1/4	1,800	6.2	55	195	7-2/3	1/4"	3/8"	400	14	0.92	2.0	10/Ctn
ST-SD120	6.35	1/4	2,000	9	80	220	8-2/3	1/4"	3/8"	400	14	1.02	2.2	10/Ctn
ST-SD121	6.35	1/4	1,450	16.4	145	220	8-2/3	1/4"	3/8"	400	14	1.02	2.2	10/Ctn
ST-SD140	6.35	1/4	4,000	5	45	200	7-7/8	1/4"	3/8"	400	14	0.9	1.98	10/Ctn
ST-SD141	6.35	1/4	2,800	7	62	200	7-7/8	1/4"	3/8"	400	14	0.9	1.98	10/Ctn
ST-SD142	6.35	1/4	2,000	9	80	200	7-7/8	1/4"	3/8"	400	14	0.9	1.98	10/Ctn
ST-SD143	6.35	1/4	700	19	168	230	9	1/4"	3/8"	400	14	1.4	3.09	10/Ctn
ST-SD144	6.35	1/4	350	30	265	230	9	1/4"	3/8"	400	14	1.4	3.09	10/Ctn
ST-SD150	6.35	1/4	2,700	10	89	210	8-1/4	1/4"	3/8"	400	14	1	2.2	10/Ctn
ST-SD151	6.35	1/4	1,400	12	106	210	8-1/4	1/4"	3/8"	400	14	1	2.2	10/Ctn
ST-SD152	6.35	1/4	450	22	195	250	9-5/6	1/4"	3/8"	400	14	1.2	2.65	10/Ctn
ST-SD153	6.35	1/4	250	38	336	250	9-5/6	1/4"	3/8"	400	14	1.2	2.65	10/Ctn

★ Recommend Air Pressure: 6.2bar (90psi)



Industrial Air Drill

Unique ergo wings design provides stronger grip

Features:

- Light Weight: Aluminum housing.
- Compact Design: Minimize operator's work during continuous hard drilling operation.
- Air valves can be started slowly during high-speed operation, to protect workpiece.
- Minimal vibration during operation.

AVIATION TOOLS

3 Planet Gear System

- User-friendly gear case design allow easy access for both assemble & disassemble.
- With needle bearing installed, allows drill extend its service life as well as increase load capacity.
- Gear case install on the housing to prevent slipped.





Available in 1 / 0.6 / 0.4 HP motor.



Direction Lever
Easily switching between clockwise or counterclockwise directions.

Scan me!



** Side handle for 1/2" Drill



Ergo Wings
Provide stronger grip while drilling through hard materials.

Ergonomic
Soft textured insulating grip allows to reduce vibration and provide maximum comfort during continuous hand drilling operation.

Industrial Chuck

- 1/4" to 1/2" Jacobs industrial chucks offer accurate & hard drilling.
- ST-M5242 models with a "Made in Japan" 1/4" Yukiwa industrial chuck for ultra-precise drilling applications, providing a run-out of 0.08mm.

Grease fitting Design
Easy refueling (without dismantling the gear case)

Progressive Trigger
Allows various speed control and accurate drilling capability.

Quiet
Built-in silencer reduces noise level to minimum.



▶ *For Stainless steel*



▶ *For Aluminum*



▶ *For Wood*



1 HP Reversible



0.6 HP Reversible



0.6HP Non-Reversible



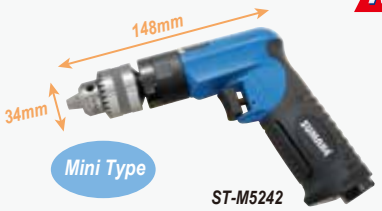
1 HP Non-Reversible



0.6 HP Non-Reversible



0.4HP Non-Reversible NEW



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Model No.	Chuck Capacity	Free Speed (rpm)	Spindle	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight	
				mm	inch			l/min	cfm	kg	lbs
0.4 HP Non-Reversible											
NEW ST-M5242F230	1/4"	23,000	3/8"-24	157	6-1/6	1/4"	3/8"	340	12	0.635	1.40
NEW ST-M5242F60	1/4"	6,000	3/8"-24	172	6-7/9	1/4"	3/8"	340	12	0.705	1.55
NEW ST-M5242F42	1/4"	4,200	3/8"-24	172	6-7/9	1/4"	3/8"	340	12	0.709	1.56
NEW ST-M5242F30	1/4"	3,000	3/8"-24	172	6-7/9	1/4"	3/8"	340	12	0.705	1.55
NEW ST-M5242F10	1/4"	1,000	3/8"-24	184	7-1/4	1/4"	3/8"	340	12	0.766	1.69
ST-M5243F42	3/8"	4,200	3/8"-24	172	6-7/9	1/4"	3/8"	340	12	0.709	1.56
ST-M5243F30	3/8"	3,000	3/8"-24	172	6-7/9	1/4"	3/8"	340	12	0.705	1.55
ST-M5243F10	3/8"	1,000	3/8"-24	184	7-1/4	1/4"	3/8"	340	12	0.766	1.69
0.6 HP Reversible											
ST-M5203R20	3/8"	2,000	3/8"-24	215	8-1/2	1/4"	3/8"	400	14	1.04	2.29
ST-M5204R7	1/2"	700	1/2"-20	252	10	1/4"	3/8"	400	14	1.4	3.09
ST-M5204R3	1/2"	350	1/2"-20	252	10	1/4"	3/8"	400	14	1.4	3.09
0.6 HP Non-Reversible											
ST-M5202F250	1/4"	25,000	3/8"-24	152	6	1/4"	3/8"	400	14	0.75	1.66
ST-M5202F56	1/4"	5,600	3/8"-24	185	7-2/7	1/4"	3/8"	400	14	0.95	2.09
ST-M5202F40	1/4"	4,000	3/8"-24	185	7-2/7	1/4"	3/8"	400	14	1	2.20
ST-M5203F56	3/8"	5,600	3/8"-24	200	7-7/8	1/4"	3/8"	400	14	1	2.20
ST-M5203F40	3/8"	4,000	3/8"-24	200	7-7/8	1/4"	3/8"	400	14	1	2.20
ST-M5203F28	3/8"	2,800	3/8"-24	200	7-7/8	1/4"	3/8"	400	14	1	2.20
ST-M5204F7	1/2"	700	1/2"-20	240	9-4/9	1/4"	3/8"	400	14	1.4	3.09
ST-M5204F5	1/2"	500	1/2"-20	240	9-4/9	1/4"	3/8"	400	14	1.4	3.09
1 HP Reversible											
ST-M5213R28	3/8"	2,800	3/8"-24	234	9-1/5	1/4"	3/8"	480	17	1.1	2.43
ST-M5213R15	3/8"	1,500	3/8"-24	234	9-1/5	1/4"	3/8"	480	17	1.1	2.43
ST-M5214R5	1/2"	500	1/2"-20	272	10-5/7	1/4"	3/8"	480	17	1.5	3.31
ST-M5214R3	1/2"	250	1/2"-20	272	10-5/7	1/4"	3/8"	480	17	1.5	3.31
1 HP Non-Reversible											
ST-M5212F210	1/4"	21,000	3/8"-24	170	6-2/3	1/4"	3/8"	480	17	0.75	1.66
ST-M5212F35	1/4"	3,500	3/8"-24	204	8	1/4"	3/8"	480	17	1.05	2.31
ST-M5213F35	3/8"	3,500	3/8"-24	218	8-4/7	1/4"	3/8"	480	17	1.1	2.43
ST-M5213F26	3/8"	2,600	3/8"-24	218	8-4/7	1/4"	3/8"	480	17	1.1	2.43
ST-M5214F35	1/2"	3,500	1/2"-20	232	9-1/7	1/4"	3/8"	480	17	1.1	2.43
ST-M5214F26	1/2"	2,600	1/2"-20	232	9-1/7	1/4"	3/8"	480	17	1.1	2.43
ST-M5214F8	1/2"	800	1/2"-20	258	10-1/6	1/4"	3/8"	480	17	1.5	3.31
ST-M5214F6	1/2"	600	1/2"-20	258	10-1/6	1/4"	3/8"	480	17	1.5	3.31

★Recommend Air Pressure 6.2 bar (90psi)

Industrial Air Rivet Shaver & Angle Drill



Shaving depth is adjustable in increment of .001" for precision results.



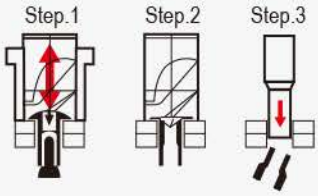
ST-M5290A
Air rivet shaver

*Please indicate cutter size when ordering.



ST-M5290
Air rivet shaver (without support)

*Please indicate cutter size when ordering.





Rivet shaver skirts
7/8-20 thread

Parts No.	Cutter Diameter	
	in	mm
M5290-01A	5/16	8
M5290-01B	3/8	10
M5290-01C	7/16	11
M5290-01D	1/2	13
M5290-01E	9/16	14
M5290-01F	5/8	16



Rivet shaver bit
1/4-28 thread

Parts No.	Cutter Diameter	
	in	mm
M5290-47A	5/16	8
M5290-47B	3/8	10
M5290-47C	7/16	11
M5290-47D	1/2	13
M5290-47E	9/16	14
M5290-47F	5/8	16

Model No.	Motor (HP)	Cutter Dia.		Free Speed (rpm)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Noise Level dB(A)
		mm	in		mm	in			l/min	cfm	kg	lbs	
ST-M5290(A)-5/16	0.9	8	5/16	21,000	260	10-1/4	1/4"	3/8"	480	17	1.2	2.64	85
ST-M5290(A)-3/8	0.9	10	3/8	21,000	260	10-1/4	1/4"	3/8"	480	17	1.2	2.64	85
ST-M5290(A)-7/16	0.9	11	7/16	21,000	260	10-1/4	1/4"	3/8"	480	17	1.2	2.64	85
ST-M5290(A)-1/2	0.9	13	1/2	21,000	260	10-1/4	1/4"	3/8"	480	17	1.2	2.64	85
ST-M5290(A)-9/16	0.9	14	9/16	21,000	260	10-1/4	1/4"	3/8"	480	17	1.2	2.64	85
ST-M5290(A)-5/8	0.9	16	5/8	21,000	260	10-1/4	1/4"	3/8"	480	17	1.2	2.64	85



Safety Lever
Provide better safety measurement while operating.

Stepless / Slow Start Speed Control Valve



Grease Fitting Design.
Does not required additional disassembly when lubricating gear.





Built-in Silencer
made for the tool allows to reduce noise.

High Precision Drill Capability
Accepts standard threaded bits to eliminate chuck slippage.
(Threaded drill bit is not included)

High Precision 0.5HP Motor
With industrial durable blades, deliver both high speeds and torque.

Durable 30°/45°/90°/360° Angle Drill Head

More Tool Heads to Choose From in our Aviation Tools Catalog!

AVIATION TOOLS



ST-AD705A32
45° Angle Head Air Drill
Threaded Type 1/4"-28



ST-AD705B32
90° Angle Head Air Drill
Threaded Type 1/4"-28



ST-AD705D32
360° Angle Head Air Drill
Threaded Type 1/4"-28

Drill Chucks



SA-AD0155
Capacity 1~5.5 mm



4405-M3 Capacity 3 mm
4405-M4 Capacity 4 mm
4405-M5 Capacity 5 mm
4405-M6 Capacity 6 mm

Model No.	Free Speed (rpm)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
		mm	in			l/min	cfm	kg	lbs	
ST-AD705A32	3,200	264	10-2/5	1/4"	3/8"	283	10	0.75	1.65	20Pcs/Ctn
ST-AD705B32	3,200	256	10	1/4"	3/8"	283	10	0.75	1.65	20Pcs/Ctn
ST-AD705D32	3,200	265	10-3/7	1/4"	3/8"	283	10	0.85	1.87	20Pcs/Ctn

★ Recommend Air Pressure: 6.2bar (90psi)

Industrial 0.3 HP Air Angle Drill NEW



Features:

- For the maintenance service of aerospace grade hole-drilling.
- Quick-interchangeable drill head design, enhance the productivity.
- Various drill heads are available to meet your needs.
- Models with a free speed range of 580 to 4,800 rpm are available.
- Industrial high precision 0.3HP motor ensures precise control.

AVIATION TOOLS

Safety Lever
Provide better safety measurement while operating.

Quick-interchangeable Drill Head Design



Stepless / Slow Start Speed Control Valve

360° Air Exhaust

Grease Fitting Design.
Does not required additional disassembly when lubricating gear.

Comfortable Rubber Grip

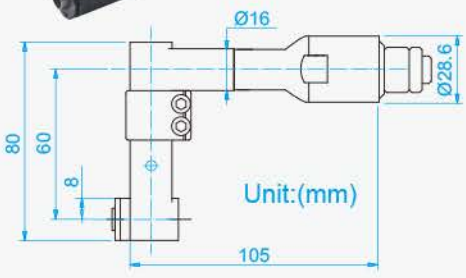
High Precision 0.3HP Motor

Durable 45°/90°/360° Angle Drill Head



ST-AD303N06 580 rpm
ST-AD303N10 980 rpm
ST-AD303N38 3,800 rpm
ST-AD303N48 4,800 rpm
Air Motor (0.3HP)

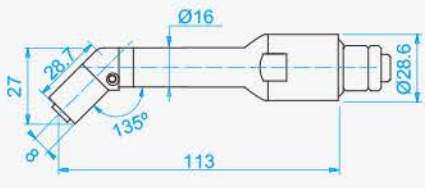




AD303H-D
(Threaded Type 1/4"-28)
360° Angle Head
0.36kgs(0.79lbs)

AD303H-D2
(Threaded Type 9/32"-40)
360° Angle Head
0.36kgs(0.79lbs)

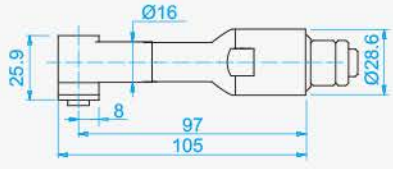




AD303H-A
(Threaded Type 1/4"-28)
45° Angle Head
0.25kgs(0.55lbs)

AD303H-A2
(Threaded Type 9/32"-40)
45° Angle Head
0.25kgs(0.55lbs)





AD303H-B
(Threaded Type 1/4"-28)
90° Angle Head
0.25kgs(0.55lbs)

AD303H-B2
(Threaded Type 9/32"-40)
90° Angle Head
0.25kgs(0.55lbs)

Model No.	Free Speed (rpm)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight	
		mm	in			l/min	cfm	kg	lbs
ST-AD303N06	580	150	6	1/4"	3/8"	283	10	0.47	1.04
ST-AD303N10	980								
ST-AD303N38	3,800								
ST-AD303N48	4,800								



Industrial & Professional Air Drill

LOW NOISE Industrial

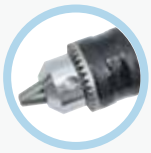


ST-4232C

3/8" Heavy duty air drill
w/ keyless chuck
Speed: 1,800 rpm
0.9HP

Option:High Speed Type

ST-4232H(C)-26	2,600 rpm
ST-4232H(C)-32	3,200 rpm



ST-4232

LOW NOISE Industrial

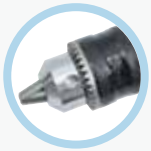


ST-4233C

3/8" Heavy duty reversible air drill
w/ keyless chuck
Speed: 1,600 rpm
0.9HP

Option:High Speed Type

ST-4233H(C)-20	2,000 rpm
ST-4233H(C)-26	2,600 rpm



ST-4233



4431-02

3/8" Key chuck
3/8"x24



4431-02C

3/8" Keyless chuck
3/8"x24

LOW NOISE Industrial



ST-4242C

1/2" Heavy duty air drill
w/ keyless chuck
0.9HP
Speed: 500 rpm



ST-4242

LOW NOISE Industrial



ST-4243C

1/2" Heavy duty reversible air drill
w/ keyless chuck
0.9HP
Speed: 600 rpm

ST-4243



4441-02

1/2" Key chuck
3/8"x24



ST-4434A

3/8" Heavy duty
reversible air drill
Speed: 1,800 rpm

ST-4434AC



ST-4444A

1/2" Heavy duty
reversible air drill
Speed: 800 rpm

ST-4444AC



4441-02C

1/2" Keyless chuck
3/8"x24



ST-4435C

w/ keyless chuck



ST-4435

3/8" Air angle drill
Speed: 1,900 rpm



ST-4436C

w/ keyless chuck



ST-4436

3/8" Reversible angle drill
Speed: 1,800 rpm

Model No.	Drilling Cap		Free Speed (rpm)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
	mm	in		mm	in			l/min	cfm	kg	lbs	
ST-4232(C)	10	3/8	1,800	220	8-2/3	1/4"	3/8"	400	14	1.22	2.7	10Pcs/Ctn
ST-4233(C)	10	3/8	1,600	220	8-2/3	1/4"	3/8"	400	14	1.25	2.8	10Pcs/Ctn
ST-4242(C)	13	1/2	500	245	9-2/3	1/4"	3/8"	480	17	1.83	4.0	10Pcs/Ctn
ST-4243(C)	13	1/2	600	245	9-2/3	1/4"	3/8"	480	17	1.85	4.1	10Pcs/Ctn
ST-4434A(C)	10	3/8	1,800	180	7	1/4"	3/8"	400	14	1.4	3.0	10Pcs/Ctn
ST-4444A(C)	13	1/2	800	190	7-1/2	1/4"	3/8"	480	17	1.8	4.0	10Pcs/Ctn
ST-4435(C)	10	3/8	1,900	190	7-1/2	1/4"	3/8"	400	14	0.96	2.1	10Pcs/Ctn
ST-4436(C)	10	3/8	1,800	210	8-1/4	1/4"	3/8"	400	14	1.1	2.43	10Pcs/Ctn

*Model with "C" at the end is keyless chuck.

★Recommend Air Pressure: 6.2bar (90psi)

Professional Air Drill / Screwdriver / Metal Shear





ST-M5010C
w/ keyless chuck



ST-M5010
3/8" Air reversible drill
Speed: 2,000 rpm



ST-M5011C
w/ keyless chuck



ST-M5011
3/8" Air drill
Speed: 2,500 rpm



ST-M5012
1/2" Air reversible drill
Speed: 800 rpm

ST-M5012C
w/ keyless chuck



ST-M5014
1/2" Air reversible drill
Speed: 550 rpm

ST-M5014C
w/ keyless chuck



ST-M5013C
w/ keyless chuck



ST-M5013
1/2" Air drill
Speed: 900 rpm



ST-M5020
1/4" Adjustable clutch screwdriver
Speed: 2,000 rpm



ST-M5021
1/4" Adjustable clutch screwdriver
Speed: 800 rpm



ST-M5030B



ST-M5030S
Air Metal shear
Speed: 2,500 rpm

Model No.	Drilling Cap.		Free Speed (rpm)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
	mm	in		mm	inch			l/min	cfm	kg	lbs	
ST-M5010	10	3/8	2,000	185	7-1/4	1/4"	3/8"	340	12	1.15	2.5	10Pcs/Ctn
ST-M5010C	10	3/8	2,000	185	7-1/4	1/4"	3/8"	340	12	1.18	2.56	10Pcs/Ctn
ST-M5011	10	3/8	2,500	185	7-1/4	1/4"	3/8"	340	12	1.11	2.4	10Pcs/Ctn
ST-M5011C	10	3/8	2,500	185	7-1/4	1/4"	3/8"	340	12	1.14	2.5	10Pcs/Ctn
ST-M5012	13	1/2	800	210	8-1/4	1/4"	3/8"	340	12	1.44	3.15	10Pcs/Ctn
ST-M5012C	13	1/2	800	210	8-1/4	1/4"	3/8"	340	12	1.54	3.37	10Pcs/Ctn
ST-M5013	13	1/2	900	210	8-1/4	1/4"	3/8"	340	12	1.4	3.05	10Pcs/Ctn
ST-M5013C	13	1/2	900	210	8-1/4	1/4"	3/8"	340	12	1.5	3.27	10Pcs/Ctn
ST-M5014	13	1/2	550	210	8-1/4	1/4"	3/8"	340	12	1.4	3.05	10Pcs/Ctn
ST-M5014C	13	1/2	550	210	8-1/4	1/4"	3/8"	340	12	1.5	3.27	10Pcs/Ctn

Model No.	Hex Shank Size		Free Speed (rpm)	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
	mm	in		Nm	in-lb	mm	in			l/min	cfm	kg	lbs	
ST-M5020	6.35	1/4	2,000	5~14	45~125	178	7	1/4"	3/8"	340	12	1.2	2.6	10Pcs/Ctn
ST-M5021	6.35	1/4	800	5~18	45~160	210	8-1/4	1/4"	3/8"	340	12	1.35	3	10Pcs/Ctn

Model No.	Cutting Capacity Thickness (mm)			Width Of Cut		Free Speed (rpm)	Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
	Stainless	Steel	Alum.	mm	in				l/min	cfm	kg	lbs	
ST-M5030B	0.8	1.6	2.0	5.5	1/4	2,500	1/4"	3/8"	340	12	1.28	2.83	10Pcs/Ctn
ST-M5030S	-	1.2	2.4	5.5	1/4	2,500	1/4"	3/8"	340	12	1.28	2.83	10Pcs/Ctn

★ Recommend Air Pressure: 6.2bar (90psi)

Professional Composite Mini Air Tools



Variable Speed Control



Compact Composite Body
Provides better impact resistance and light weight to prevents hand chill in cold environments.



Special Motor Design-Close Type
Precision machined rotors for extended air vein and motor lifeAir motor power 0.45HP





Improved Muffler Design
Reduces noise to 73dBA (±2) for small body and 84dBA (±2) for standard body without speed or torque reduction.



Rear/Handle Exhaust
Exhaust away from the operator and work surface.



ST-C212
1/4" Air reversible drill
Speed: 2,600 rpm



ST-C230 1/4"
ST-C230M 6 mm
Air die grinder
Speed: 24,000 rpm



ST-C220
3" Air sander
20,000 rpm



ST-C221 2,600 rpm
ST-C222 4,500 rpm
3" Air sander / polisher
* Also available with 2" Pad



ST-C213
1/4" Air drill
Speed: 2,600 rpm



ST-C210
3/8" Air reversible drill
Speed: 2,600 rpm



ST-C210C w/ keyless chuck



ST-C211
3/8" Air drill
Speed: 2,600 rpm



ST-C211C w/ keyless chuck

Model No.	Sanding Pad		Collet		Spindle Thread	Free Speed (rpm)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
	mm	in	mm	in			mm	inch			l/min	cfm	kg	lbs	
ST-C230(M)	-	-	6	1/4	-	24,000	130	5-1/8	1/4"	3/8"	283	10	0.5	1.1	20Pcs/Ctn
ST-C220	76	3	-	-	1/4"-20T	20,000	100	3-19/20	1/4"	3/8"	283	10	0.45	0.99	20Pcs/Ctn
ST-C221	76	3	-	-	5/16"-24T	2,600	155	6-1/8	1/4"	3/8"	283	10	0.54	1.19	10Pcs/Ctn
ST-C222	76	3	-	-	M6x10	4,500	155	6-1/8	1/4"	3/8"	283	10	0.54	1.19	10Pcs/Ctn

Model No.	Drilling Cap.		Free Speed (rpm)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
	mm	in		mm	inch			l/min	cfm	kg	lbs	
ST-C212	6	1/4	2,600	150	5-9/10	1/4"	3/8"	283	10	0.54	1.19	20Pcs/Ctn
ST-C213	6	1/4	2,600	150	5-9/10	1/4"	3/8"	283	10	0.54	1.19	20Pcs/Ctn
ST-C210	10	3/8	2,600	155	6-1/8	1/4"	3/8"	283	10	0.54	1.19	20Pcs/Ctn
ST-C210C	10	3/8	2,600	155	6-1/8	1/4"	3/8"	283	10	0.54	1.19	20Pcs/Ctn
ST-C211	10	3/8	2,600	155	6-1/8	1/4"	3/8"	283	10	0.54	1.19	20Pcs/Ctn
ST-C211C	10	3/8	2,600	155	6-1/8	1/4"	3/8"	283	10	0.54	1.19	20Pcs/Ctn

★ Recommend Air Pressure: 6.2bar (90psi)

Professional Composite Mini Air Tools





ST-C110
3/8" Air reversible drill
Speed: 2,000 rpm



ST-C111
3/8" Air drill
Speed: 2,100 rpm



ST-C112 800rpm
ST-C112A 450rpm
1/2" Air reversible drill



ST-C113
1/2" Air drill
Speed: 800rpm

ST-C110C
w/ keyless chuck



ST-C111C
w/ keyless chuck



ST-C112C 800rpm
ST-C112AC 450rpm
w/Keyless chuck



ST-C113C
w/ keyless chuck





ST-C130 1/4"
ST-C130M 6mm
Air die grinder
Speed: 17,000 rpm

ST-C142
1/4" Air impact wrench
102 Nm (75 ft-lb)
Two hammer



ST-C143
3/8" Air impact wrench
102 Nm (75 ft-lb)
Two hammer





ST-C120
3" random orbital air sander
Speed: 17,000 rpm



ST-C121
3" Air polisher
Speed:
2,100 rpm



ST-C122 3"
ST-C122-2 2"
High speed air sander
Speed: 17,000 rpm



ST-C124
3" Polisher
Speed: 2,100 rpm



ST-C120K
3" Random orbital air sander kit



ST-C121K
3" Air polisher kit



ST-C122K
3" High speed air sander kit



ST-C123
5" High speed air sander
Speed: 17,000 rpm

Model No.	Drilling Cap. (Collet) (Sanding Pad)		Spindle Thread	Free Speed (rpm)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
	mm	in			mm	inch			l/min	cfm	kg	lbs	
ST-C110	10	3/8	-	2,000	210	8-1/4	1/4"	3/8"	340	12	1.15	2.5	10Pcs/Ctn
ST-C110C	10	3/8	-	2,000	210	8-1/4	1/4"	3/8"	340	12	1.15	2.5	10Pcs/Ctn
ST-C111	10	3/8	-	2,100	210	8-1/4	1/4"	3/8"	340	12	1.15	2.5	10Pcs/Ctn
ST-C111C	10	3/8	-	2,100	210	8-1/4	1/4"	3/8"	340	12	1.15	2.5	10Pcs/Ctn
ST-C112	13	1/2	-	800	245	9-5/8	1/4"	3/8"	340	12	1.4	3.05	10Pcs/Ctn
ST-C112C	13	1/2	-	800	245	9-5/8	1/4"	3/8"	340	12	1.4	3.05	10Pcs/Ctn
ST-C112A	13	1/2	-	450	245	9-5/8	1/4"	3/8"	340	12	1.4	3.05	10Pcs/Ctn
ST-C112AC	13	1/2	-	450	245	9-5/8	1/4"	3/8"	340	12	1.4	3.05	10Pcs/Ctn
ST-C113	13	1/2	-	800	245	9-5/8	1/4"	3/8"	340	12	1.4	3.05	10Pcs/Ctn
ST-C113C	13	1/2	-	800	245	9-5/8	1/4"	3/8"	340	12	1.4	3.05	10Pcs/Ctn
ST-C130(M)	6	1/4	-	17,000	155	6-1/8	1/4"	3/8"	340	12	0.7	1.54	10Pcs/Ctn
ST-C120	76	3	5/16"-24T	17,000	125	4-9/10	1/4"	3/8"	340	12	0.72	1.6	10Pcs/Ctn
ST-C121	76	3	5/16"-24T	2,100	135	5-1/3	1/4"	3/8"	340	12	0.77	1.7	10Pcs/Ctn
ST-C122	76	3	1/4"-20T	17,000	145	5-2/3	1/4"	3/8"	340	12	0.7	1.5	10Pcs/Ctn
ST-C122-2	51	2	1/4"-20T	17,000	145	5-2/3	1/4"	3/8"	340	12	0.7	1.5	10Pcs/Ctn
ST-C124	76	3	1/4"-20T	2,100	135	5-1/3	1/4"	3/8"	340	12	0.77	1.7	10Pcs/Ctn
ST-C123	127	5	7/16"-20T	17,000	145	5-2/3	1/4"	3/8"	340	12	1.3	2.9	10Pcs/Ctn

Model No.	Square Driver (inch)	Max. Torque		Free Speed (rpm)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
		Nm	ft-lb		mm	in			l/min	cfm	kg	lbs	
ST-C142	1/4	102	75	16,000	180	7	1/4"	3/8"	340	12	0.87	1.9	10Pcs/Ctn
ST-C143	3/8	102	75	16,000	180	7	1/4"	3/8"	340	12	0.87	1.9	10Pcs/Ctn

★ Recommend Air Pressure: 6.2bar (90psi)

Professional Air Tapping Hand Tools



B12

ST-TT100
M3-M8
Handle exhaust
Speed: 400 rpm



B12

ST-TT110
M3-M8
Handle exhaust
Speed: 150 rpm

Function of "Push-Pull" auto-reversing clutch mechanism

Push forward for tapping out.



Forwarding **Push**

Pull back for tapping out.



Reversing **Pull**



B12

ST-TT111
M3-M12
Handle exhaust
Speed: 150 rpm



B12

ST-TT120
M3-M8
Handle exhaust
Speed: 350 rpm



B12

ST-TT121
M6-M10
Rear exhaust
Speed: 350 rpm



B12

ST-TT130
M3-M8
Rear exhaust
Speed: 350 rpm



B16

ST-TT140
M3-M12
Rear exhaust
Speed: 350 rpm

Model No.	Tapping Capacity (mm)	Free Speed (rpm)	Spindle Type	Air Consumption		Overall Length		Air Inlet (P.T)	Net Weight		Packing
				l/min	cfm	mm	inch		kg	lbs	
ST-TT100	M3-M8	400	B12	396	14	340	13-2/5	1/4"	2.36	5.20	10Pcs/Ctn
ST-TT110	M3-M8	150	B12	396	14	300	11-4/5	1/4"	2.38	5.24	10Pcs/Ctn
ST-TT111	M3-M12	150	B12	396	14	300	11-4/5	1/4"	2.38	5.24	10Pcs/Ctn
ST-TT120	M3-M8	350	B12	396	14	267	10-1/2	1/4"	2.1	4.62	10Pcs/Ctn
ST-TT121	M6-M10	350	B12	396	14	263	10-1/3	1/4"	2.46	5.41	10Pcs/Ctn
ST-TT130	M3-M8	350	B12	396	14	370	14-4/7	1/4"	2.3	5.07	10Pcs/Ctn
ST-TT140	M3-M12	350	B16	396	14	380	15	1/4"	2.23	4.91	10Pcs/Ctn

★ Recommend Air Pressure: 6.2bar (90psi)

Industrial & Professional Air Body Saw / File





ST-66008
Mini air pipe saw
Vibration reduction
w/14T, 18T, 24T blade
(Alum. Housing)
Speed: 5,500 bpm



ST-66007
Mini air body saw
Vibration reduction
w/18T, 24T, 32T blade
(Alum. Housing)
Speed: 11,000 bpm



ST-66002
Air body saw
Vibration reduction
w/18T, 24T, 32T blade
(Alum. housing)
Speed: 9,500 bpm



ST-M5034
Air body saw & file
Rear exhaust
w/ 24T&32T blades
Speed: 9,000 bpm



ST-M5034H
w /exhaust hose



Option accessory:
BW300-49A
Saw blade 6-14T



ST-M5034K
Air body saw & file kit
Contents:
1- ST-M5034 body saw
5- 32T saw blades
5- 24T saw blades
2- Hand wrenches
(3mm & 4mm)
1- Mini oil
1- Swivel connector
5- Files
1- Blow case



ST-66011
Super fine air lapper
w/one chuck & 3 files
Speed: 21,000 bpm



ST-66012
Finishing air file w/4 files
Speed: 11,000 bpm



ST-66013
Versatile air file w/4 files
Speed: 10,000 bpm



ST-6600D
Air body saw & file
Rear exhaust
w/ 2 blades & 5 files
File shank: 5mm
Speed: 5,000 bpm



ST-66004DK
Air saw Kit

Contents:
Each of : 8/12T-SL-300mm(L) BI-Metal
& 14T-300mm(L) saw blade
1- Air saw
1- Patented universal swivel joint
1- 3mm Hex wrench 1- Oil pot
1- Side handle 1- Carrying box

Blades for ST-6600D, ST-M5034



32T blade
6611-35A-5 (5pcs/bag)
6611-35A-10 (10pcs/bag)



24T blade
6611-35B-5 (5pcs/bag)
6611-35B-10 (10pcs/bag)



18T blade
6611-35C-5 (5pcs/bag)
6611-35C-10 (10pcs/bag)

Model No.	Cutting Capacity Thickness (mm)		Blows Per Minute (bpm)	Stroke Length (mm)	Air Consumption		Air Inlet (PT)	Air Hose Size (I.D.)	Overall Length (mm)	Net Weight (kg)	Packing
	Steel	Alu.			l/min	cfm					
ST-M5034	3.2	2.6	9,000	10	240	8.5	1/4"	3/8"	235	0.80	10Pcs/Ctn
ST-66002	2	3	9,500	10	240	8.5	1/4"	3/8"	238	0.72	20Pcs/Ctn
ST-66007	3	5	11,000	8	240	8.5	1/4"	1/4"	185	0.50	20Pcs/Ctn
ST-6600D	-	3	5,000	10	240	8.5	1/4"	3/8"	230	0.97	10Pcs/Ctn
ST-66008	8	9	5,500	20	240	8.5	1/4"	1/4"	220	0.70	20Pcs/Ctn
ST-66004DK	5	-	1,200	45	368	13	1/4"	3/8"	460(L)x180(H)x41(W)	2.82	5Pcs/Ctn

Model No.	Blows Per Minute (bpm)	Stroke Length (mm)	Air Consumption		Noise Level ±3 dB(A)		Overall Length (mm)	Net Weight (kg)	Packing
			l/min	cfm	Pressure	Power			
ST-66011	21,000	1	240	8.5	82	93	250	0.57	10Pcs/Ctn
ST-66012	11,000	5	240	8.5	83.8	94.8	250	0.60	10Pcs/Ctn
ST-66013	10,000	10	240	8.5	78.5	89.5	250	0.75	10Pcs/Ctn

★Recommend Air Pressure: 6.2bar (90psi)

Professional Air Gear Driven Saw / Body Saw

Features:

- Powerful horsepower allows you to achieve greater efficiency when cutting any workpiece.
- The ergonomic design provides a comfort able user experience.



Speed-Controlled Air Regulator



180° Swivel Vibration Damping Handle

Powerful 1HP Motor

NEW



Quick Change Retainer
Easy Blade Replacement
(No tool required)

Low Noise 360° Swivel Air Exhaust Design

Safety-Lock Trigger

Metal Attachment
allow for better handling and safety

Patented Gear System

Dust and Debris Resistant Design



ST-BW710
Air Gear Driven Saw
2,400 spm
Suitable for Metal cutting

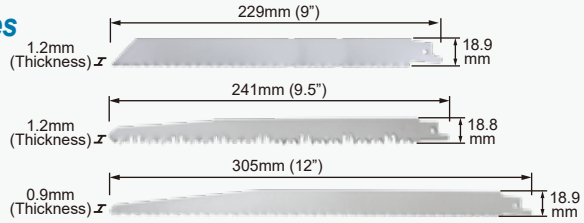
ST-BW711
Air Gear Driven Saw
3,000 spm
Suitable for Wood cutting

Scan me!

Standard Accessories

ST-BW710
- 9" x 10/14T saw blade : 1 pce
- 12" x 10/14T saw blade : 1 pce

ST-BW711
- 9.5"- 5T saw blade : 1 pce
- 12"- 10/14T saw blade : 1 pce



Blade For ST-AK100

Model	6614-08-1A	6614-08-1B	6614-08-2A	6614-08-2B	6614-08-2C
Length	57mm	90mm	18mm	36mm	63mm

Model	6614-08-2D	6614-08-3A	6614-08-4A	6614-08-5A	6614-08-8A
Length	90mm	30mm	8mm	35mm	24mm



ST-AK100
Air knife w/1pc blade
20,000 spm

ST-AK100H
w/ Exhaust hose

Model No.	Cutting Capacity (mm)			Stroke per minute (spm)	Stroke Length (mm)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
	Alum.	Steel	Wood			mm	inch			l/min	cfm	kg	lbs	
NEW ST-BW710	25	25	-	2,400	30	395	15.6	1/4"	3/8"	370	13	2.2	4.85	6Pcs/Ctn
NEW ST-BW711	-	-	150	3,000	32	395	15.6	1/4"	3/8"	370	13	2.2	4.85	6Pcs/Ctn

Model No.	Free Speed (spm)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
		mm	inch			l/min	cfm	kg	lbs	
ST-AK100	20,000	195	7-2/3	1/4"	3/8"	370	13	0.97	2.1	10Pcs/Ctn

★ Recommend Air Pressure: 6.2bar (90psi)



Applications:

- This powerful Gear Driven Air Saw is the perfect tool for cutting any composite to metal sheet.
- It is very ideal tool for general auto body modification or any industrial cutting application.

360 Degree Swivel Air Exhaust Design.

Whole New Gear-Transmitted Design
provides more than double of cutting capacity over standard air body saws.
(5.3mm / 5 Ga. metal sheet cutting ability)



Durable 0.5HP air motor with precision machined cylinder & rotor.

Scan me!

ST-BW300
Air geared saw
Blow per min: 7,000 b.p.m.

Safety-Lock Trigger

New compact design of PU engineering plastic sleeve.

Standard accessories
6"- 14T saw blade : 2 pcs
4"- 14T saw blade : 1 pce
24T saw blade : 1 pce
32T saw blade : 1 pce

Optional accessories
5 pcs files
(No. SA-FL110)





ST-SR101
Air metal shear
2,500 rpm

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ST-SR102
Air metal shear
2,500 rpm



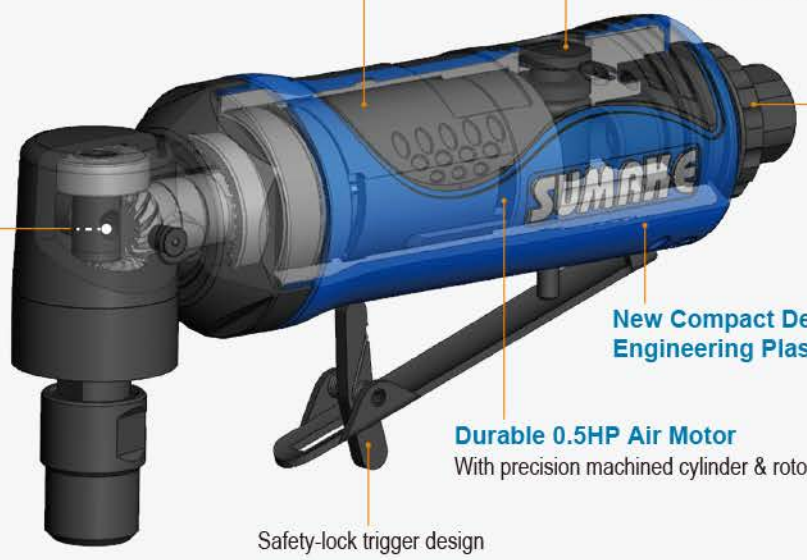
ST-CT100
3" (76.2mm) cut off tool w/ wheel
20,000 rpm

Model No.	Cutting Capacity Thickness (mm)		Free Speed (rpm)	Stroke Length (mm)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
	Steel	Alum.			mm	inch			l/min	cfm	kg	lbs	
ST-BW300	5.3	5.8	7,000 bpm	10	310	12-1/5	1/4"	3/8"	240	8.5	1.4	3.1	10Pcs/Ctn
ST-SR101	1.2	2.4	2,500	-	250	9-3/4	1/4"	3/8"	370	13	1.21	2.7	10Pcs/Ctn
ST-SR102	1.6	0.8 (Stainless Steel)	2,500	-	250	9-3/4	1/4"	3/8"	370	13	1.21	2.7	10Pcs/Ctn
ST-CT100	-	-	20,000	-	180	7	1/4"	3/8"	370	13	0.84	1.85	10Pcs/Ctn

★ Recommend Air Pressure 6.2 bar (90psi)

Professional 0.5HP Air Die Grinder





Second Injected Ergonomics Designed Grip
Absorbs vibration and reduces hand fatigue.

Built-in air regulator

360 Swivel Air Exhaust Design

New Compact Design of PU Engineering Plastic Sleeve

Durable 0.5HP Air Motor
With precision machined cylinder & rotors

Safety-lock trigger design



Spindle Lock Button
For easy accessory change

ST-DG1012L-S 1/4"
ST-DG1016L-S 6mm
90° Angle
w/ Spindle Lock
18,000 rpm



ST-DG1002L 1/4"
ST-DG1006L 6mm
22,000 rpm



ST-DG1002L-S 1/4"
ST-DG1006L-S 6mm
w/ Spindle Lock
22,000 rpm



ST-DG1032L 1/4"
ST-DG1036L 6mm
Low Speed
2,500 rpm

ST-DG1042L 1/4"
ST-DG1046L 6mm
Low Speed
3,500 rpm



ST-DG1012L 1/4"
ST-DG1016L 6mm
18,000 rpm



ST-DG1002L-4 1/4"
ST-DG1006L-4 6mm
4" Extended spindle
22,000 rpm



ST-DG1002L-7 1/4"
ST-DG1006L-7 6mm
7" Extended spindle
22,000 rpm

ST-DG1002L-C 1/4"
ST-DG1006L-C 6mm
12" Extended spindle
22,000 rpm



ST-DG1022L 1/4"
ST-DG1026L 6mm
115° Angle
18,000 rpm

Model No.	Collet		Free Speed (rpm)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
	mm	in		mm	inch			l/min	cfm	kg	lbs	
ST-DG1002(1006)L(-S)	6	1/4	22,000	170	6-2/3	1/4"	3/8"	370	13	0.7	1.5	20Pcs/Ctn
ST-DG1032(1036)L	6	1/4	2,500	210	8-1/6	1/4"	3/8"	370	13	0.95	2.14	10Pcs/Ctn
ST-DG1042(1046)L	6	1/4	3,500	210	8-1/6	1/4"	3/8"	370	13	0.95	2.14	10Pcs/Ctn
ST-DG1012(1016)L(-S)	6	1/4	18,000	170	6-2/3	1/4"	3/8"	370	13	0.8	1.8	20Pcs/Ctn
ST-DG1002(1006)L-4	6	1/4	22,000	260	10-1/4	1/4"	3/8"	370	13	1.1	2.42	10Pcs/Ctn
ST-DG1002(1006)L-7	6	1/4	22,000	340	13-2/5	1/4"	3/8"	370	13	1.3	2.86	10Pcs/Ctn
ST-DG1002(1006)L-C	6	1/4	22,000	440	17-3/10	1/4"	3/8"	370	13	1.5	3.3	10Pcs/Ctn
ST-DG1022(1026)L	6	1/4	18,000	197	7-2/3	1/4"	3/8"	370	13	0.8	1.8	20Pcs/Ctn

★Recommend Air Pressure: 6.2bar (90psi)

Professional 0.5 HP Air Tools





ST-AS10NFH-3
Air angle orbital sander
30mm(1.2") hook pad
8,000 rpm



ST-AS10N2H-3 2" hook pad
ST-AS10N3H-3 3" hook pad
Air angle orbital sander
16,000 rpm



Scan me!

ST-AS10N2H-S 2" hook pad
ST-AS10N3H-S 3" hook pad
Air angle sander
w/ Spindle Lock
18,000 rpm



ST-AS10N2R 2" pad
ST-AS10N3R 3" pad
Air angle sander
18,000 rpm

NEW



ST-AS10N2R-S 2" pad
ST-AS10N3R-S 3" pad
w/ spindle lock, 18,000 rpm



ST-ER100
Air smart eraser w/ pad
2,500 rpm



ST-TB100
Tire buffer
w/ quick change chuck
2,500 rpm



ST-RW5003 82Nm (60ft-lb)
3/8" Air ratchet wrench

ST-RW5004 82Nm (60ft-lb)
1/2" Air ratchet wrench



ST-AD1003K 2,500RPM
ST-AD1013K 4,000RPM
3/8" Air Drill



ST-AD1003C 2,500RPM
ST-AD1013C 4,000RPM
3/8" Air drill
w/ keyless chuck



ST-NB110
Air nibber (pull type)
3,500 bpm

Model No.	Pad Size	Free Speed (rpm)	Overall Length		Air Inlet (I.D.)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
			mm	inch			l/min	cfm	kg	lbs	
ST-AS10NFH-3	30mm (1.2")	8,000	180	7	1/4"	3/8"	76	2.7	0.65	1.4	10Pcs/Ctn
ST-AS10N2H-3(S)	2"	16,000 (18,000)	180	7	1/4"	3/8"	283	10	0.66	1.5	10Pcs/Ctn
ST-AS10N3H-3(S)	3"	16,000 (18,000)	180	7	1/4"	3/8"	283	10	0.66	1.5	10Pcs/Ctn
ST-AS10N2R(-S)	2"	18,000	170	6-2/3	1/4"	3/8"	283	10	0.8	1.8	10Pcs/Ctn
ST-AS10N3R(-S)	3"	18,000	170	6-2/3	1/4"	3/8"	283	10	0.8	1.8	10Pcs/Ctn

Model No.	Free Speed (rpm)	Overall Length		Air Inlet (I.D.)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
		mm	inch			l/min	cfm	kg	lbs	
ST-ER100	2,500	225	8-3/4	1/4"	3/8"	370	13	1	2.2	10Pcs/Cn
ST-TB100	2,500	210	8-1/6	1/4"	3/8"	370	13	1	2.2	10Pcs/Cn

Model No.	Chuck Capacity		Free Speed (rpm)	Overall Length		Air Inlet (I.D.)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
	mm	in		mm	inch			l/min	cfm	kg	lbs	
ST-AD1003K(C)	10	3/8	2,500	215	8-1/2	1/4"	3/8"	370	13	1.04	2.3	10Pcs/Ctn
ST-AD1013K(C)	10	3/8	4,000	215	8-1/2	1/4"	3/8"	370	13	1.04	2.3	10Pcs/Ctn

Model No.	Square Drive		Max. Torque		Free Speed (rpm)	Overall Length		Air Inlet (I.D.)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
	mm	in	Nm	ft-lb		mm	inch			l/min	cfm	kg	lbs	
ST-RW5003	10	3/8	82	60	160	265	10-2/5	1/4"	3/8"	370	13	1.32	2.9	10Pcs/Ctn
ST-RW5004	13	1/2	82	60	160	265	10-2/5	1/4"	3/8"	370	13	1.32	2.9	10Pcs/Ctn

Model No.	Cutting Capacity		Free Speed (bpm)	Overall Length		Air Inlet (I.D.)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
	Steel	Alum.		mm	inch			l/min	cfm	kg	lbs	
ST-NB110	1.4 mm	1.6 mm	3,500	195	7-2/3	1/4"	3/8"	283	10	0.81	1.79	20Pcs/Cn

★Recommend Air Pressure: 6.2bar (90psi)



Professional 2” Air Circular Saw

Features:

- Designed for precise and controlled cutting, allow users to be completely at ease and firmly control the tool.



Speed Regulator.

Durable composite rubber overmolded lightweight Alum body.



Laser mark notice the user direction of blade assembly.



Adjustable depth 8mm.



Safety-Lock Trigger



Scan me!

The auxiliary plane design can make the cutting more stable and smooth.

Durable Heavy Duty Saw Blade.

ST-CT140 w/ 72T HSS saw blade
ST-CT141 w/ 160T HSS saw blade
ST-CT142 w/ 72T HSS saw blade
ST-CT143 w/ 160T HSS saw blade
ST-CT144 w/ Diamond saw blade
2” Air circular saw



CT140-07
72T high speed
Stainless steel saw blade



CT141-07
160T high speed
Stainless steel saw blade



CT144-07
Diamond saw blade

Recommendations:

Model No.	Saw Blade	Metal				Soft-Ferrous Metal		Non-Ferrous Metal		
		Stainless (≤1.0mm)	Iron (≤2.4mm)	Iron (≤2.0mm)	Iron (≤1.6mm)	Alum (≤6mm)	Copper (≤3mm)	Tiles (≤1.6mm)	Carbon Fiber (≤6mm)	Wood (≤6mm)
ST-CT140	72T		●			●	●			
ST-CT141	160T			●						
ST-CT142	72T	●	●						●	●
ST-CT143	160T				●					
ST-CT144	Diamond Saw Blade							●	●	

Model No.	Max.Cutting Depth	Free Speed (rpm)	Length		Net Weight		Air Consumption		Air Hose Size (O.D.)	Air Inlet (PT)	Packing
			mm	inch	kg	lbs	cfm	l/min			
ST-CT140	8mm	620	260	10-1/4	1.3	2.87	13	370	3/8"	1/4"	10Pcs/Ctn
ST-CT141	8mm	620	260	10-1/4	1.3	2.87	13	370	3/8"	1/4"	10Pcs/Ctn
ST-CT142	8mm	3,500	260	10-1/4	1.3	2.87	13	370	3/8"	1/4"	10Pcs/Ctn
ST-CT143	8mm	3,500	260	10-1/4	1.3	2.87	13	370	3/8"	1/4"	10Pcs/Ctn
ST-CT144	8mm	7,000	260	10-1/4	1.3	2.87	13	370	3/8"	1/4"	10Pcs/Ctn

★Recommend Air Pressure: 6.2bar (90psi)

Professional 0.45 HP Air Die Grinder / Cut Off Tool



Built-in Air Regulator





Rear Exhaust Design.
Applies built-in muffler in the end to reduce the noise.

Durable 0.45HP Air Motor
with precision machined cylinder & rotor.



PU Cover
prevents hand chill in cold environments.



ST-DG1302L 1/4"
ST-DG1306L 6mm
Air die grinder
22,000 rpm



Safety-lock Trigger Design.

ST-DG1302(6)L-K w/o plug
ST-DG1302(6)L-KN(M)(E)(A) w/ plug

Plug type



▸N=Nitto ▸M=Milton ▸E=Orion ▸A=Aro



ST-DG1312L 1/4"
ST-DG1316L 6mm
Air angle die grinder
18,000 rpm

ST-DG1302L-5 1/4"
ST-DG1306L-5 6mm
Air die grinder
w/ 5" extended spindle
20,000 rpm





ST-CT130
Air cut-off tool
w/ 3" cutting wheel
20,000 rpm



GS-10
10 pcs grinder stones set

Model No.	Collet		Free Speed (rpm)	Horse Power		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Overall Length		Net Weight		Packing
	mm	in		hp	w			l/min	cfm	mm	in	kg	lbs	
ST-DG1302(6)L	6	1/4	22,000	0.45	336	1/4"	3/8"	370	13	160	6-2/7	0.56	1.23	10Pcs/Ctn
ST-DG1312(6)L	6	1/4	18,000	0.45	336	1/4"	3/8"	370	13	170	6-2/3	0.8	1.76	20Pcs/Ctn
ST-DG1302(6)L-5	6	1/4	20,000	0.45	336	1/4"	3/8"	370	13	260	10-1/3	0.99	2.18	10Pcs/Ctn
ST-CT130	3"Cutting Wheel		20,000	0.45	336	1/4"	3/8"	370	13	180	7	0.74	1.63	10Pcs/Ctn

★Recommend Air Pressure: 6.2bar (90psi)



Professional 0.8HP Air Tools

Applications:

- Full new professional tool range for all grinding, sanding & cutting needs of high-quality finish with minimal efforts.

Top Air Regulator Design
for variable speed change



Durable 0.8HP Air Motor



360° Swivel Air Exhaust Design

Built-In Spindle Lock Button
for one-key disc change



Ergonomic Handle Grip
in order to provide excellent controllability during the grinding work.

ST-GD154L2(L5) 4"
ST-GD150L3(L6) 4.5"
ST-GD155L3(L6) 5"
Air Angle Grinder
12,000 rpm
(w/o Grinding Wheel)

Scan me!

Vibration Damping Side Handle
for comfort on all jobs.



Keyless Rotative Guard Design
for quick changing to the required grinding direction



Built-In Spindle Lock Button Design



ST-DG1502L-S 1/4"
ST-DG1506L-S 6 mm
Air die grinder w/spindle lock
22,000 rpm



Built-In Spindle Lock Button Design



ST-DG1512L-S 1/4"
ST-DG1516L-S 6 mm
Air die grinder w/spindle lock
18,000 rpm

Model No.	Grinding Wheel		Spindle Size	Free Speed (rpm)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
	mm	inch			mm	inch			l/min	cfm	kg	lbs	
ST-GD154L2(L5)	100	4	M10X1.5 (3/8"-24)	12,000	217	8-1/2	1/4"	3/8"	540	19	1.6	3.53	10Pcs/Ctn
ST-GD150L3(L6)	4.5"	115	M14X2.0 (5/8"-11)	12,000	217	8-1/2	1/4"	3/8"	540	19	1.6	3.53	10Pcs/Ctn
ST-GD155L3(L6)	5"	125	M14X2.0 (5/8"-11)	12,000	217	8-1/2	1/4"	3/8"	540	19	1.6	3.53	10Pcs/Ctn
ST-DG1502(1506)L-S	1/4"(6mm) Collet		-	22,000	207	8-1/7	1/4"	3/8"	370	13	0.93	2.05	10Pcs/Ctn
ST-DG1512(1516)L-S	1/4"(6mm) Collet		-	18,000	202	8	1/4"	3/8"	370	13	1.07	2.36	10Pcs/Ctn

★Recommend Air Pressure: 6.2bar (90psi)





ST-AS15N2H-S 2" Pad
ST-AS15N3H-S 3" Pad
Air angle sander
w/ spindle lock & hook pad
18,000 rpm



ST-AS15N2R-S 2" Pad
ST-AS15N3R-S 3" Pad
Air angle sander
w/ spindle lock & roloc pad
18,000 rpm



ST-CT150
Flex head cut off tool
21,000 rpm



ST-CT151
Cut off tool w/ 3" wheel discs
21,000 rpm



ST-DG1502L-10 1/4"
ST-DG1506L-10 6 mm
Air die grinder
w/ 10" extended spindle
21,000 rpm



ST-DG1502L-17 1/4"
ST-DG1506L-17 6 mm
Air die grinder w/ 17" extended spindle
21,000 rpm

Model No.	Pad Size		Free Speed (rpm)	Spindle Size	Horsepower		Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
	mm	in			hp	w	mm	in			l/min	cfm	kg	lbs	
ST-AS15N2H-S	50	2	18,000	5/16"-24UNF	0.8	596	202	8	1/4"	3/8"	283	10	1.0	2.2	20Pcs/Ctn
ST-AS15N3H-S	75	3	18,000	5/16"-24UNF									1.0	2.2	20Pcs/Ctn
ST-AS15N2R-S	50	2	18,000	1/4"-20T									1.0	2.2	20Pcs/Ctn
ST-AS15N3R-S	75	3	18,000	1/4"-20T									1.0	2.2	20Pcs/Ctn

Model No.	Horsepower		Free Speed (rpm)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
	hp	w		mm	in			l/min	cfm	kg	lbs	
ST-CT150	0.8	596	20,000	230	9	1/4"	3/8"	370	13	1.3	2.87	10Pcs/Ctn
ST-CT151	0.8	596	21,000	184	7-1/4					0.9	1.98	10Pcs/Ctn

Model No.	Grinding Wheel	Spindle Size	Free Speed (rpm)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
				mm	inch			l/min	cfm	kg	lbs	
ST-DG1502(1506)L-10	1/4"(6mm) Collet	-	21,000	440	17-1/3	1/4"	3/8"	370	13	1.6	2.53	10Pcs/Ctn
ST-DG1502(1506)L-17	1/4"(6mm) Collet	-	21,000	616	24-1/4	1/4"	3/8"	370	13	1.8	3.97	5Pcs/Ctn

★Recommend Air Pressure: 6.2bar (90psi)



Industrial 1HP Air Die Grinder NEW

Powerful. Low Vibration. Durability.

Safety & Highly Sensitive Trigger
Provide users with safer and easier variable speed control.

Durable 1HP Air Motor
The precision steel motor



360 Swivel Air Exhaust Design
Avoids tangled air-line and operator fatigue.



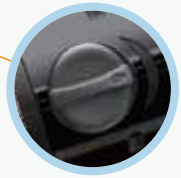
Built-in Industrial Grade Collet

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ST-DG1902L 1/4”
ST-DG1906L 6 mm
ST-DG1908L 8 mm
22,000 rpm

Double Front Bearing
Enhanced stability to reduce vibration.

Durable Kevlar Rotor Blades
Provide a longer life and reduce maintenance.



Built-in Air Regulator





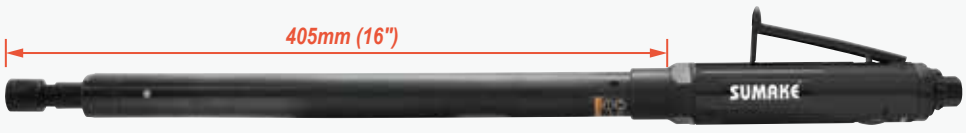
ST-DG1912L 1/4”
ST-DG1916L 6 mm
ST-DG1918L 8 mm
18,000 rpm



ST-DG1902L-7 1/4”
ST-DG1906L-7 6 mm
ST-DG1908L-7 8 mm
7” extended spindle
22,000 rpm



ST-DG1902L-11 1/4”
ST-DG1906L-11 6 mm
ST-DG1908L-11 8 mm
11” extended spindle
22,000 rpm



ST-DG1902L-16 1/4”
ST-DG1906L-16 6 mm
ST-DG1908L-16 8 mm
16” extended spindle
22,000 rpm

Model No.	Power (HP)	Collet			Free Speed (rpm)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
		in	mm	mm		mm	in			l/min	cfm	kg	lbs	
ST-DG1912(6)(8)L	1	1/4	6	8	18,000	215	8-1/2	1/4”	3/8”	370	13	0.89	1.96	20Pcs/Ctn
ST-DG1902(6)(8)L	1	1/4	6	8	22,000	225	8-6/7	1/4”	3/8”	370	13	0.72	1.59	20Pcs/Ctn
ST-DG1902(6)(8)L-7	1	1/4	6	8	22,000	360	14-1/16	1/4”	3/8”	370	13	1.26	2.78	10Pcs/Ctn
ST-DG1902(6)(8)L-11	1	1/4	6	8	22,000	455	18	1/4”	3/8”	370	13	1.7	3.75	8Pcs/Ctn
ST-DG1902(6)(8)L-16	1	1/4	6	8	22,000	585	23	1/4”	3/8”	370	13	2.2	4.85	5Pcs/Ctn

★Recommend Air Pressure: 6.2bar (90psi)

0.45HP Flex-Head Air Tool NEW



Tool-free Angle Adjustment . Effortlessly.

Application:

- Perfectly designed for applications in tight and hard-to-reach spaces.
- It is suitable for car body refinishing work, particularly for surface detailing.
- Tool-free angle adjustment allows for effortless operation.

Composite Body
Make better weight balance and improve ergonomics and reduce hand strain.

Tool-Free Flexible Multi-Angle Adjustment
for various work directions and hand-holding needs



Powerful 0.45HP Air Motor



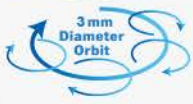
Gearless Angle Head

Safety-Lock Lever

Speed Setting With 3 Positions
for easy two-finger operation

ST-AS14N2H 2" pad
ST-AS14N3H 3" pad
Air orbital sander
w/ hook pad
17,000 rpm

360° Swivel Air Exhaust Design





ST-AS14N2R 2" pad
ST-AS14N3R 3" pad
Air rotary sander
w/ roloc disc pad
17,000 rpm



ST-AP1402H 2" pad
ST-AP1403H 3" pad
Air polisher
w/ hook pad
2,800 rpm



ST-DG1402L 1/4"
ST-DG1406L 6mm
Air angle die grinder
18,000 rpm



ST-AD1403K 3/8"
3,000 rpm



ST-AD1403C 3/8"

Model No.	Pad Size		Spindle	Free Speed (rpm)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
	mm	in			mm	in			l/min	cfm	kg	lbs	
ST-AS14N2(3)H	50 (75)	2 (3)	5/16"-24T	17,000	206 x 50 x 100	8-1/9 x 2 x 4	1/4"	3/8"	283	10	0.75	1.65	10Pcs/Ctn
ST-AS14N2(3)R	50 (75)	2 (3)	1/4"-20T	17,000	206 x 50 x 96	8-1/9 x 2 x 3-7/9	1/4"	3/8"	283	10	0.66	1.46	10Pcs/Ctn
ST-AP1402(3)H	50 (75)	2 (3)	5/16"-24T	2,800	206 x 50 x 108	8-1/9 x 2 x 4-1/4	1/4"	3/8"	283	10	0.84	1.85	10Pcs/Ctn

Model No.	Collet		Free Speed (rpm)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
	in	mm		mm	in			l/min	cfm	kg	lbs	
ST-DG1402(6)L	1/4	6	18,000	210 x 50 x 100	8-1/4 x 2 x 4	1/4"	3/8"	283	10	0.75	1.65	10Pcs/Ctn

Model No.	Drilling Cap		Free Speed (rpm)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
	mm	in		mm	in			l/min	cfm	kg	lbs	
ST-AD1403K	10	6	3,000	206 x 50 x 140	8-1/9 x 2 x 5-1/2	1/4"	3/8"	283	10	1.03	2.27	10Pcs/Ctn
ST-AD1403C	10	6	3,000	206 x 50 x 153	8-1/9 x 2 x 6	1/4"	3/8"	283	10	1.03	2.27	10Pcs/Ctn

★Recommend Air Pressure: 6.2bar (90psi)



Professional 0.3 HP Mini Air Tools

Applications:

- The new SUMAKE Minimal Air Tool Series is featured with consistent mini body design and multi-purpose working head options to deal with any hard-to-access working area such as vehicle under-lifting, engine bay, deep structure and spot-rough surface.
- The tool range is available in straight, extended and angle versions to match all mechanic's needs.



Multi-Purpose Working Head Options
Designed to be with a series working head parts to cover the work applications of nut-tightening, drilling, cutting, grinding, sanding & polishing.

High-Visible Color Coating
For quick-identification of the tool in the messy workshop.

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Mini Body Design
With ergonomic grip sleeve for easier one-hand operation in hard-to-access area.

Precise Machined 0.3HP (224 watt) Air Motor

Side Safety-Lock Lever



ST-DG3002L 1/4"
ST-DG3006L 6mm
Mini air die grinder
25,000 rpm



ST-DG3012L 1/4"
ST-DG3016L 6mm
Mini air angle die grinder
18,000 rpm



ST-DG3002L-3 1/4"
ST-DG3006L-3 6mm
Mini air die grinder
w/3" extended spindle
24,000 rpm



ST-DG3002L-5 1/4"
ST-DG3006L-5 6mm
Mini air die grinder
w/5" extended spindle
24,000 rpm



ST-DG3012L-5 1/4"
ST-DG3016L-5 6mm
Mini air angle die grinder
w/5" extended spindle
18,000 rpm



ST-GD602L5
2" Air angle grinder
(w/o grinding wheel)
16,000 rpm
Spindle: 3/8"-24UNF

Model No.	Collet		Free Speed (rpm)	Horsepower		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Overall Length		Net Weight	
	mm	in		hp	w			cfm	l/min	mm	in	kg	lbs
ST-DG3002(3006)L	6	1/4	25,000	0.3	224	1/4"	3/8"	10	283	115	4-1/2	0.29	0.64
ST-DG3012(3016)L	6	1/4	18,000	0.3	224	1/4"	3/8"	10	283	126	5	0.43	0.95
ST-DG3002(3006)L-3	6	1/4	24,000	0.3	224	1/4"	3/8"	10	283	190	7-1/2	0.4	0.88
ST-DG3002(3006)L-5	6	1/4	24,000	0.3	224	1/4"	3/8"	10	283	241	9-1/2	0.6	1.32
ST-DG3012(3016)L-5	6	1/4	18,000	0.3	224	1/4"	3/8"	10	283	252	10	0.69	1.52
ST-GD602L5	Wheel size 60mm (2.5")		16,000	0.3	224	1/4"	3/8"	10	283	129	5	0.53	1.17

★ Recommend Air Pressure 6.2 bar (90psi)

Professional 0.3 HP Mini Air Tools





ST-AS30N2R
Mini air angle sander
w/2" roloc pad
16,000 rpm



ST-AS30N2H
Mini air angle sander
w/2" hook pad
16,000 rpm



ST-AS30N2H-3
Mini air random
Orbital sander
w/2" hook pad
18,000 rpm



ST-AP6002H
Mini air angle polisher
w/2" hook pad
4,500 rpm



ST-AD3002K 1/4"
Mini air straight drill
5,500 rpm



ST-RW220 3/8"
Mini air ratchet wrench
(thru-hole type)
Max torque:54 Nm (40ft-lb)
400 rpm

With 3pcs 3/8"sockets set
(hex size: 10,12,13mm),
3/8" Dr. adaptor,
1/4" hex bit holder





ST-AD3012K 1/4"
Mini air angle drill
4,500 rpm



ST-RW221 1/4"
ST-RW222 3/8"
Mini air ratchet wrench
Max torque:54 Nm (40ft-lb)
300 rpm



ST-RW221-5 1/4"
ST-RW222-5 3/8"
Mini air ratchet wrench
w/ 5" extended head
Max torque:54 Nm (40ft-lb)
250 rpm

Model No.	Pad Size		Free Speed (rpm)	Spindle Size	Horsepower		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Overall Length		Net Weight	
	mm	in			hp	w			cfm	l/min	mm	in	kg	lbs
ST-AS30N2R	50	2	16,000	1/4"-20UNF	0.3	224	1/4"	3/8"	10	283	133	5-1/4	0.41	0.91
ST-AS30N2H	50	2	16,000	5/16"-24UNF	0.3	224	1/4"	3/8"	10	283	136	5-1/3	0.41	0.91
ST-AS30N2H-3	50	2	18,000	5/16"-24UNF	0.3	224	1/4"	3/8"	10	283	138	5-3/7	0.51	1.12
ST-AP6002H	50	2	4,500	5/16"-24UNF	0.3	224	1/4"	3/8"	10	283	141	5-5/9	0.61	1.34

Model No.	Chuck Capacity		Free Speed (rpm)	Horsepower		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Overall Length		Net Weight	
	mm	in		hp	w			cfm	l/min	mm	in	kg	lbs
ST-AD3002K	6	1/4	5,500	0.3	224	1/4"	3/8"	10	283	158	6-2/9	0.48	1.06
ST-AD3012K	6	1/4	4,500	0.3	224	1/4"	3/8"	10	283	140	5-1/2	0.6	1.32

Model No.	Square Drive (inch)	Max Torque		Working Torque		Free Speed (rpm)	Horsepower		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Overall Length		Net Weight	
		Nm	ft-lb	Nm	ft-lb		hp	w			cfm	l/min	mm	in	kg	lbs
ST-RW220	3/8	54	40	14	10	400	0.3	224	1/4"	3/8"	10	283	159	6-1/4	0.48	1.06
ST-RW221	1/4	54	40	14	10	300	0.3	224	1/4"	3/8"	10	283	134	5-2/7	0.45	0.99
ST-RW222	3/8	54	40	14	10	300	0.3	224	1/4"	3/8"	10	283	134	5-2/7	0.45	0.99
ST-RW221-5	1/4	54	40	14	10	250	0.3	224	1/4"	3/8"	10	283	280	11	0.8	1.76
ST-RW222-5	3/8	54	40	14	10	250	0.3	224	1/4"	3/8"	10	283	280	11	0.8	1.76

★Recommend Air Pressure: 6.2bar (90psi)



Industrial Air Turbine Die Grinder

Features:

- Ideal for fast accurate close proximity work-from deburring, mold making and engraving.
- Light weight, big power, high speed, low air consumption,oil free and seldom maintenance.
- High speed ceramic bearings and high precision components manufactured to the highest standards.
- Variety of configurations to meet all application.
- With motor patent for turbo design.



ST-7441-35 1/8"
ST-7441M-35 3 mm
35,000 rpm
0.15 HP

ST-7441-50 1/8"
ST-7441M-50 3 mm
50,000 rpm
0.20 HP

ST-7441-65 1/8"
ST-7441M-65 3 mm
65,000 rpm
0.20 HP



ST-7442-35 1/8"
ST-7442M-35 3 mm
35,000 rpm
0.45 HP

ST-7442-50 1/8"
ST-7442M-50 3 mm
50,000 rpm
0.50 HP

ST-7442-65 1/8"
ST-7442M-65 3 mm
65,000 rpm
0.55 HP



ST-7443-40 1/4"
ST-7443M-40 6 mm
40,000 rpm
0.45 HP



ST-7444-25 1/4"
ST-7444M-25 6 mm
25,000 rpm
0.76 HP

Model No.	Free Speed (rpm)	Collet Size		Power		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		TIR Collect Held Shank		Sound Level dB(A)	Tool Weight (w/o Hose) (g)	Volume (HxL) (mm)
		mm	in	HP	W			l/min	cfm	mm	in			
ST-7441(M)-35	35,000	3	1/8	0.15	112	1/4"	3/8"	230	8	<0.05	<0.02	<75	135.6	37 x 156
ST-7441(M)-50	50,000	3	1/8	0.20	149	1/4"	3/8"	230	8	<0.05	<0.02	<75	135.6	37 x 156
ST-7441(M)-65	65,000	3	1/8	0.20	149	1/4"	3/8"	230	8	<0.05	<0.02	<75	135.6	37 x 156
ST-7442(M)-35	35,000	3	1/8	0.45	336	1/4"	3/8"	340	12	<0.05	<0.02	<75	206.4	53 x 172
ST-7442(M)-50	50,000	3	1/8	0.50	373	1/4"	3/8"	340	12	<0.05	<0.02	<75	206.4	53 x 172
ST-7442(M)-65	65,000	3	1/8	0.55	410	1/4"	3/8"	340	12	<0.05	<0.02	<75	206.4	53 x 172
ST-7443(M)-40	40,000	6	1/4	0.45	336	1/4"	3/8"	340	12	<0.05	<0.02	<75	393.0	53 x 195.5
ST-7444(M)-25	25,000	6	1/4	0.76	567	1/4"	3/8"	450	16	<0.05	<0.02	<75	1020.7	82 x 295

★Recommend Air Pressure: 6.2bar (90psi)

Industrial Air Die Grinder



Roll Type

Roll Type


Roll Type


Roll Type

ST-10L 3mm
ST-10LS 1/8"
Lever type

ST-10G 3mm
ST-10GS 1/8"
Roll type

ST-20L 6mm
ST-20LS 1/4"
Lever type
(option:3mm)

ST-20G 6mm
ST-20GS 1/4"
Roll type
(option:3mm)

ST-38L 6mm
ST-38LS 1/4"
Lever type

ST-38G 6mm
ST-38GS 1/4"
Roll type

ST-38LF 6mm
ST-38LFS 1/4"
Front exhaust
Lever type

ST-38GF 6mm
ST-38GFS 1/4"
Front exhaust
Roll type

ST-38LE 6mm
ST-38LES 1/4"
Air extension Industrial grinder
Lever type

ST-38GE 6mm
ST-38GES 1/4"
Air extension Industrial grinder
Roll type




ST-7423 1/4"
ST-7423-3/8 3/8"
ST-7423M 6mm
ST-7423M-8 8mm
Front exhaust
Lever type
1HP

ST-7423G 1/4"
ST-7423G-3/8 3/8"
ST-7423GM 6mm
ST-7423GM-8 8mm
Front exhaust
Rotary type
1HP





ST-7423L6 1/4"
ST-7423L6-3/8 3/8"
ST-7423L6M 6mm
ST-7423L6M-8 8mm
Side exhaust
Lever type
1HP

ST-7423GL6 1/4"
ST-7423GL6-3/8 3/8"
ST-7423GL6M 6mm
ST-7423GL6M-8 8mm
Side exhaust
Rotary type
1HP


Industrial collet chuck
for ST-7423 Series

ST-7423L17 1/4"
ST-7423L17-3/8 3/8"
ST-7423L17M 6mm
ST-7423L17M-8 8mm
Side exhaust
Lever type
1HP

ST-7423GL17 1/4"
ST-7423GL17-3/8 3/8"
ST-7423GL17M 6mm
ST-7423GL17M-8 8mm
Side exhaust
Rotary type
1HP

Model No.	Motor (HP)	Carbide bur (mm)	Diamond Pin (mm)	Free Speed (rpm)	Net Weight		Length		Dia		Air Inlet (PT)	Air Hose (I.D.)	Packing
					kg	lbs	mm	in	mm	in			
ST-10L(S)	0.1	5	8	60,000	0.1	0.2	160	6-1/4	17	5/8	1/8"	1/4"	20Pcs/Ctn
ST-10G(S)	0.1	5	8	60,000	0.1	0.2	160	6-1/4	17	5/8	1/8"	1/4"	20Pcs/Ctn
ST-20L(S)	0.2	10	15	35,000	0.38	0.8	165	6-1/2	28	1-1/8	1/8"	1/4"	20Pcs/Ctn
ST-20G(S)	0.2	10	15	35,000	0.38	0.8	165	6-1/2	28	1-1/8	1/8"	1/4"	20Pcs/Ctn
ST-38L(S)	0.38	20	30	18,000	0.6	1.3	172	6-5/8	32	1-1/4	1/8"	1/4"	20Pcs/Ctn
ST-38G(S)	0.38	20	30	18,000	0.6	1.3	178	7	32	1-1/4	1/8"	1/4"	20Pcs/Ctn
ST-38LF(S)	0.38	20	30	18,000	0.6	1.3	172	6-5/8	32	1-1/4	1/8"	1/4"	20Pcs/Ctn
ST-38GF(S)	0.38	20	30	18,000	0.6	1.3	178	7	32	1-1/4	1/8"	1/4"	20Pcs/Ctn
ST-38LE(S)	0.38	20	30	18,000	0.8	1.8	290	11-3/8	32	1-1/4	1/8"	1/4"	20Pcs/Ctn
ST-38GE(S)	0.38	20	30	18,000	0.8	1.8	295	11-1/4	32	1-1/4	1/8"	1/4"	20Pcs/Ctn

Model No.	Motor (HP)	Collet Size		Free Speed (rpm)	Net Weight		Length		Air Consumption		Air Inlet (PT)	Air Hose (I.D.)	Packing
		mm	in		kg	lbs	mm	in	l/min	cfm			
ST-7423(M)	1	6 or 8	1/4 or 3/8	21,000	1.2	2.65	170	6-2/3	370	13	1/4"	3/8"	20Pcs/Ctn
ST-7423G(M)	1	6 or 8	1/4 or 3/8	21,000	1.2	2.65	175	6-2/3	370	13	1/4"	3/8"	20Pcs/Ctn
ST-7423L6(M)	1	6 or 8	1/4 or 3/8	21,000	1.65	3.63	320	12-3/5	370	13	1/4"	3/8"	12Pcs/Ctn
ST-7423GL6(M)	1	6 or 8	1/4 or 3/8	21,000	1.65	3.63	325	12-4/5	370	13	1/4"	3/8"	12Pcs/Ctn
ST-7423L17(M)	1	6 or 8	1/4 or 3/8	20,000	2.8	6.17	605	23-5/6	370	13	1/4"	3/8"	8Pcs/Ctn
ST-7423GL17(M)	1	6 or 8	1/4 or 3/8	20,000	2.8	6.17	610	24	370	13	1/4"	3/8"	8Pcs/Ctn

★Recommend Air Pressure: 6.2bar (90psi)



Industrial & Professional Air Die Grinder



ST-7764HRE 1/4"
ST-7764MHRE 6mm
w/hose
0.65HP



ST-7765HRE 1/4"
ST-7765MHRE 6mm
w/hose
0.3HP



ST-C735 1/4"
ST-C735-1 1/8"
ST-C735M 6mm
ST-C735M-3 3mm
0.4HP



ST-C736 1/4"
ST-C736-1 1/8"
ST-C736M 6mm
ST-C736M-3 3mm
0.4HP



ST-C737 1/4"
ST-C737-1 1/8"
ST-C737M 6mm
ST-C737M-3 3mm
ST-C737M-8 8mm
0.6HP

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ST-7494 1/4"
ST-7494M 6mm
Speed: 18,000 rpm
0.9HP



ST-7495 1/4"
ST-7495M 6mm
Speed: 23,000 rpm
0.9HP



ST-7495L 1/4"
ST-7495LM 6mm
3.5" extension
Speed: 22,000 rpm
1HP



ST-7495L-5 1/4"
ST-7495LM-5 6mm
5.5" extension
Speed: 22,000 rpm
1HP



ST-7495L-12 1/4"
ST-7495LM-12 6mm
12" extension
Speed: 22,000 rpm
1HP



ST-7495L-20 1/4"
ST-7495LM-20 6mm
20" extension
Speed: 22,000 rpm
1HP

Model No.	Motor (HP)	Collet Size		Free Speed (rpm)	Over Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
		mm	in		mm	in			l/min	cfm	kg	lbs	
ST-7764(M)HRE	0.65	6	1/4	22,000	205	5-6/25	1/4"	3/8"	370	13	0.92	2.03	10Pcs/Ctn
ST-7765(M)HRE	0.30	6	1/4	19,000	165×68	6.5×2.6	1/4"	3/8"	370	13	0.55	1.2	20Pcs/Ctn
ST-C735(M)	0.40	3 or 6	1/8 or 1/4	25,000	179	7	1/4"	3/8"	370	13	0.46	1.01	20Pcs/Ctn
ST-C736(M)	0.40	3 or 6	1/8 or 1/4	20,000	182	7-1/5	1/4"	3/8"	370	13	0.62	1.36	20Pcs/Ctn
ST-C737(M)	0.60	3 or 6 or 8	1/8 or 1/4	20,000	198	7-4/5	1/4"	3/8"	370	13	0.71	1.56	20Pcs/Ctn
ST-7494(M)	0.9	3 or 6 or 8	1/8 or 1/4	18,000	175	6-9/10	1/4"	3/8"	370	13	0.80	1.8	12Pcs/Ctn
ST-7495(M)	0.9	3 or 6 or 8	1/8 or 1/4	23,000	175	6-9/10	1/4"	3/8"	370	13	0.65	1.4	12Pcs/Ctn
ST-7495L(M)	1	3 or 6 or 8	1/8 or 1/4	22,000	240	9-9/20	1/4"	3/8"	370	13	0.77	1.7	12Pcs/Ctn
ST-7495L(M)-5	1	3 or 6 or 8	1/8 or 1/4	22,000	278	10-19/20	1/4"	3/8"	370	13	0.85	1.9	10Pcs/Ctn
ST-7495L(M)-12	1	3 or 6 or 8	1/8 or 1/4	22,000	455	17-9/10	1/4"	3/8"	370	13	1.30	2.9	10Pcs/Ctn
ST-7495L(M)-20	1	3 or 6 or 8	1/8 or 1/4	22,000	655	25-4/5	1/4"	3/8"	370	13	1.75	3.9	8Pcs/Ctn

★Recommend Air Pressure: 6.2bar (90psi)

Industrial 0.35 HP Air Die Grinder & 0.3 HP Angle Grinder





Swivel Side Exhaust
prevent air exhaust disturbing to the operator.



Safety Lever
prevent accidental start up.



Direct built-in robust collet, for easily changing abrasive burrs.



High Precision Spindle
for keeping good concentricity during the grinding operation.

0.35hp (260 Watts) truly powerful motor, to provide great milling ability.



ST-DG8202L 1/4"
ST-DG8206L 6 mm
Lever type



ST-DG8202L-6 1/4"
ST-DG8206L-6 6 mm
6" Extended spindle
Lever type



ST-DG8202G 1/4"
ST-DG8206G 6 mm
Rotary switch type



ST-DG8202G-6 1/4"
ST-DG8206G-6 6 mm
6" Extended spindle
Rotary switch type



Side Exhaust

Safety Lever
Safety lever to prevent accidental start up.



Extended Life and Comfortable
Rubber handle design for grip and protect operator from the cold metal surface.



ST-GD512L7
2" Air angle grinder
Lever type
(Disc is not included)



ST-GD512G7
2" Air angle grinder
Rotary switch type
(Disc is not included)

Model No.	Power (HP)	Collet		Free Speed (rpm)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight	
		in	mm		mm	in			l/min	cfm	kg	lbs
ST-DG8202(6)L	0.35	1/4	6	24,000	171	6-3/4	1/4"	3/8"	370	13	0.56	1.20
ST-DG8202(6)G	0.35	1/4	6	24,000	151	6	1/4"	3/8"	370	13	0.52	1.15
ST-DG8202(6)L-6	0.35	1/4	6	24,000	285	11-2/9	1/4"	3/8"	370	13	0.74	1.60
ST-DG8202(6)G-6	0.35	1/4	6	24,000	265	10-3/7	1/4"	3/8"	370	13	0.77	1.70

Model No.	Power (HP)	Wheel Size		Spindle Size (Dia. x thread)	Free Speed (rpm)	Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Overall Length		Net Weight	
		mm	in					l/min	cfm	mm	in	kg	lbs
ST-GD512L7	0.3	50	2	1/4"-28	15,000	1/4"	3/8"	370	13	177	7	0.68	1.50
ST-GD512G7	0.3	50	2	1/4"-28	15,000	1/4"	3/8"	370	13	157	6-1/6	0.64	1.41

★Recommend Air Pressure: 6.2bar (90psi)

Industrial Air Grinder



ST-7434 1/8"
ST-7434M 3mm
Lever type, 0.21 HP

ST-7434G 1/8"
ST-7434GM 3mm
Rotary type, 0.21 HP



ST-7431 1/4"
ST-7431M 6mm
Lever type, 0.45 HP

ST-7431G 1/4"
ST-7431GM 6mm
Rotary type, 0.45 HP



ST-7432 1/4"
ST-7432M 6mm
Lever Type, 0.35 HP

ST-7432G 1/4"
ST-7432GM 6mm
Rotary Type, 0.35 HP



ST-7432-4 1/4"
ST-7432M-4 6mm
4" extension
Lever type,0.3 HP

ST-7432G-4 1/4"
ST-7432GM-4 6mm
4" extension
Rotary type, 0.3 HP



ST-7435 1/4"
ST-7435M 6mm
Lever type, 0.4 HP

ST-7435G 1/4"
ST-7435GM 6mm
Rotary type, 0.4 HP



ST-7435A 1/4"
ST-7435AM 6mm
Lever type, 0.4HP

ST-7435AG 1/4"
ST-7435AGM 6mm
Rotary type, 0.4HP



ST-7830L 2"
Lever type, 0.4 HP

ST-7830G 2"
Rotary type, 0.4 HP



ST-7834L 4"
Lever type, 0.6 HP

ST-7834G 4"
Rotary type, 0.6 HP



ST-7844L 4"
ST-7845L 5"
Lever type, 1 HP

ST-7844G 4"
ST-7845G 5"
Rotary type, 1 HP



ST-7871L-A 7"
Spindle:5/8"x11UNF
1.3 HP

ST-7871L-B 7"
Spindle:1/2"x16
Lever type, 1.3 HP

ST-7871G-A 7"
Spindle:5/8"x11UNF
1.3 HP

ST-7871G-B 7"
Spindle:1/2"x16
Rotary type,1.3 HP



ST-7890L 9"
Lever type, 2.5 HP

ST-7890G 9"
Rotary type, 2.5 HP

Model No.	Motor (HP)	Collet		Free Speed (rpm)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
		mm	in		mm	in			l/min	cfm	kg	lbs	
ST-7434(M)	0.21	3	1/8	30,000	150	6	1/4"	3/8"	370	13	0.46	1.01	20Pcs/Ctn
ST-7434G(M)	0.21	3	1/8	30,000	152	6	1/4"	3/8"	370	13	0.44	0.97	20Pcs/Ctn
ST-7431(M)	0.45	6	1/4	18,000	177	7	1/4"	3/8"	370	13	0.80	1.76	20Pcs/Ctn
ST-7431G(M)	0.45	6	1/4	18,000	183	7-1/5	1/4"	3/8"	370	13	0.82	1.81	20Pcs/Ctn
ST-7432(M)	0.35	6	1/4	24,000	168	6-3/5	1/4"	3/8"	370	13	0.68	1.5	20Pcs/Ctn
ST-7432G(M)	0.35	6	1/4	24,000	173	6-4/5	1/4"	3/8"	370	13	0.62	1.36	20Pcs/Ctn
ST-7432(M)-4	0.3	6	1/4	23,000	295	11-3/5	1/4"	3/8"	370	13	0.97	2.14	10Pcs/Ctn
ST-7432G(M)-4	0.3	6	1/4	23,000	300	11-4/5	1/4"	3/8"	370	13	0.91	2	10Pcs/Ctn
ST-7435(M)	0.4	6	1/4	15,000	166	6-1/2	1/4"	3/8"	370	13	0.75	1.65	20Pcs/Ctn
ST-7435G(M)	0.4	6	1/4	15,000	159	6-1/4	1/4"	3/8"	370	13	0.64	1.41	20Pcs/Ctn
ST-7435A(M)	0.4	6	1/4	15,000	166	6-1/2	1/4"	3/8"	370	13	0.76	1.68	20Pcs/Ctn
ST-7435AG(M)	0.4	6	1/4	15,000	159	6-1/4	1/4"	3/8"	370	13	0.65	1.43	20Pcs/Ctn

Model No.	Motor (HP)	Disc Size (inch)	Spindle Size (Dia. x thread)	Free Speed (rpm)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
					mm	in			l/min	cfm	kg	lbs	
ST-7830L	0.4	2	1/4"-28UNF	15,000	168	6-3/5	1/4"	3/8"	370	13	0.75	1.65	20Pcs/Ctn
ST-7830G	0.4	2	1/4"-28UNF	15,000	158	6-2/9	1/4"	3/8"	370	13	0.64	1.41	20Pcs/Ctn
ST-7834L(G)	0.6	4	M8 x 1.25	15,000	224	8-5/6	1/4"	3/8"	540	19	1.45	3.20	10Pcs/Ctn
ST-7844L	1	4	M8 x 1.25	13,500	270	10-5/8	3/8"	3/8"	540	19	2.02	4.44	10Pcs/Ctn
ST-7844G	1	4	M8 x 1.25	13,500	218	8-4/7	3/8"	3/8"	540	19	1.74	3.83	10Pcs/Ctn
ST-7845L	1	5	M14 x 2.0	13,500	270	10-5/8	3/8"	3/8"	540	19	2.02	4.44	10Pcs/Ctn
ST-7845G	1	5	M14 x 2.0	13,500	218	8-4/7	3/8"	3/8"	540	19	1.74	3.83	10Pcs/Ctn
ST-7871L-A	1.3	7	5/8"-11UNF	7,000	272	10-5/7	3/8"	3/8"	820	29	2.54	5.59	6Pcs/Ctn
ST-7871L-B	1.3	7	1/2"-16	7,000	273	10-3/4	3/8"	3/8"	820	29	2.4	5.28	6Pcs/Ctn
ST-7871G-A	1.3	7	5/8"-11UNF	7,000	255	10	3/8"	3/8"	820	29	2.68	5.90	6Pcs/Ctn
ST-7871G-B	1.3	7	1/2"-16	7,000	255	10	3/8"	3/8"	820	29	2.68	5.90	6Pcs/Ctn
ST-7890L	2.5	9	1/2"-16	5,900	360	14-1/6	1/2"	3/8"	1130	40	4.52	9.96	4Pcs/Ctn
ST-7890G	2.5	9	1/2"-16	5,900	308	12-1/8	1/2"	3/8"	1130	40	4.38	9.66	4Pcs/Ctn

★Recommend Air Pressure: 6.2bar (90psi)

Industrial Air Grinder / Vertical Grinder

♦ Disc is not included.



ST-7433 1/4"
ST-7433M 6 mm
Extended
Lever type
0.9 HP



ST-7438 1/4"
ST-7438M 6 mm
Extended
Level type
0.9 HP



ST-7436
3" Straight grinder
Lever type
0.9 HP



ST-7433G 1/4"
ST-7433GM 6 mm
Extended
Rotary type
0.9 HP



ST-7438G 1/4"
ST-7438GM 6 mm
Extended
Roll type
0.9 HP



ST-7436G
3" Straight grinder
Rotary type
0.9 HP



ST-7580L 5" Speed: 7,600 rpm
ST-7680L 6" Speed: 6,300 rpm
Lever type



ST-7580 5" Speed: 7,600 rpm
ST-7680 6" Speed: 6,300 rpm
Roll type



ST-7784 9"
Speed: 5,900 rpm
ST-77847 7"
Speed: 7,000 rpm
ST-77845 5"
Speed: 12,000 rpm
Heavy duty vertical grinder
Spindle: 5/8"-11



ST-7789
9" Industrial vertical grinder
Side exhaust
Speed: 6,500 rpm
Spindle: M16x2.0

Model No.	Motor (HP)	Collet		Free Speed (rpm)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
		mm	in		mm	in			l/min	cfm	kg	lbs	
ST-7433(M)	0.9	6	1/4	14,600	390	15-1/3	3/8"	3/8"	540	19	1.68	3.7	10Pcs/Ctn
ST-7433G(M)	0.9	6	1/4	14,600	345	13-4/7	3/8"	3/8"	540	19	1.3	2.86	10Pcs/Ctn
ST-7438(M)	0.9	6	1/4	15,000	380	15	3/8"	3/8"	540	19	2	4.4	10Pcs/Ctn
ST-7438G(M)	0.9	6	1/4	15,000	335	13-1/5	3/8"	3/8"	540	19	2	4.4	10Pcs/Ctn

Model No.	Motor (HP)	Disc Size (inch)	Free Speed (rpm)	Spindle Size (Dia. x thread)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
					mm	in			l/min	cfm	kg	lbs	
ST-7436	0.9	3	14,600	3/8"-16	390	15-7/20	3/8"	3/8"	560	20	1.72	3.78	10Pcs/Ctn
ST-7436G	0.9	3	14,600	3/8"-16	345	13-29/50	3/8"	3/8"	560	20	1.3	2.86	10Pcs/Ctn

Model No.	Motor (HP)	Free Speed (rpm)	Grinding Wheel		Spindle Size (Φ)	Overall Length		Air Inlet NPT (in)	Air Hose (I.D.)	Weight (kg)	Max. Air Consumption (cfm)
			mm	in		mm	in				
ST-7580L	1.3	7,600	125 x 19 x 12.7	5 x 3/4 x1/2	1/2 x 12	501	19-11/16	3/8	1/2"	2.97	20
ST-7680L	1.4	6,300	150 x 25 x 15.8	6 x 1 x 5/8	5/8 x 11	521	20-33/64	3/8	1/2"	4.14	24
ST-7580	1.3	7,600	125 x 19 x 12.7	5 x 3/4 x1/2	1/2 x 12	400	15-3/4	3/8	1/2"	2.97	20
ST-7680	1.4	6,300	150 x 25 x 15.8	6 x 1 x 5/8	5/8 x 11	425	16-47/64	3/8	1/2"	4.14	24

Model No.	Free Speed (rpm)	Disc		Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
		mm	in	mm	in			l/min	cfm	kg	lbs	
ST-7784	5,900	230	9	279	10-63/64	1/2"	3/4"	1130	40	5.8	12.87	4Pcs/Ctn
ST-77847	7,000	178	7	247	9-23/32	1/2"	3/4"	1130	40	4	8.8	4Pcs/Ctn
ST-77845	12,000	127	5	232	9-9/64	1/2"	3/4"	1130	40	2.8	6.2	6Pcs/Ctn
ST-7789	6,500	230	9	320	12-3/5	1/2"	3/4"	1130	40	5.7	12.56	4Pcs/Ctn

★Recommend Air Pressure: 6.2bar (90psi)



Industrial 2.3 HP Air Angle Grinder

Applications:

●Ideal tool for any heavy-duty grinding works of vehicle maintenance service or industrial application.



2.3HP (1,700 Watts) motor provides the tremendous grinding performance.



Ergonomic handle grip and lever design fits finger-shape in order to provide excellent controllability during the grinding work.



Built-in spindle lock button for one-key disc change.



270° adjustable guard provides maximum protection and comfort. (for grinder)



Vibration damping side handle set at a 110° angle from handle housing for comfort on all jobs.

Scan me!

ST-GD505L3-L 5" 12,000 rpm
ST-GD507L3-L 7" 7,600 rpm
Air angle grinder
Disc is not included



ST-GD505L3-PL 5" 12,000 rpm
ST-GD507L3-PL 7" 8,500 rpm
Air angle sander





Slide-style lever lock design provides the convenience of long-time grinding/cutting work.

ST-GD505L3 5" 12,000 rpm
ST-GD507L3 7" 7,600 rpm
Air angle grinder
w/Lever lock
Disc is not included



ST-GD505L3-P 5" 12,000 rpm
ST-GD507L3-P 7" 8,500 rpm
Air angle sander
w/Lever lock



Model No.	Disc Size		Spindle Size	Free Speed (rpm)	Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Overall Length		Net Weight		Packing
	mm	in					l/min	cfm	mm	in	kg	lbs	
ST-GD505L3(-L)	125	5	M14 X 2.0	12,000	3/8"	1/2"	820	29	234	9-1/5	1.8	4	6Pcs/Ctn
ST-GD505L6(-L)	125	5	5/8"-11UNF	12,000	3/8"	1/2"	820	29	234	9-1/5	1.8	4	6Pcs/Ctn
ST-GD507L3(-L)	180	7	M14 X 2.0	7,600	3/8"	1/2"	540	19	234	9-1/5	2	4.4	6Pcs/Ctn
ST-GD507L6(-L)	180	7	5/8"-11UNF	7,600	3/8"	1/2"	540	19	234	9-1/5	2	4.4	6Pcs/Ctn
ST-GD505L3-P(PL)	125	5	M14 X 2.0	12,000	3/8"	1/2"	820	29	265	10-3/7	1.55	3.4	6Pcs/Ctn
ST-GD507L3-P(PL)	180	7	M14 X 2.0	8,500	3/8"	1/2"	540	19	291	11-1/2	1.6	3.5	6Pcs/Ctn

*The model number with "-L" in the tail is the tool version w/o lever lock

★Recommend Air Pressure: 6.2bar (90psi)

Industrial & Professional Air Angle Grinder



♦ Disc is not included.



Lever type

ST-GD534L5 4"
Spindle 3/8"-24

ST-GD534L2 4"
ST-GD535L2 5"
Spindle M10 x 1.5

ST-GD535L3 5"
Spindle M14 x 2.0

ST-GD535L6 5"
Spindle 5/8"-11

Roll type

ST-GD534G5 4"
Spindle 3/8"-24

ST-GD534G2 4"
ST-GD535G2 5"
Spindle M10 x 1.5

ST-GD535G3 5"
Spindle M14 x 2.0

ST-GD535G6 5"
Spindle 5/8"-11



Swivel Disc Protection

ST-7851R 4"
Spindle M10 x 1.5

ST-7852R 4-1/2"
ST-7853R 5"
Spindle M14 x 2.0



Lever type

ST-7744L-B(C) 4"
ST-7745L-A(B)(C) 5"
ST-7747L-A(B)(C) 7"
ST-7749L-A(B)(C) 9"

Roll type

ST-7744G-(B)(C) 4"
ST-7745G-A(B)(C) 5"
ST-7747G-A(B)(C) 7"
ST-7749G-A(B)(C) 9"

"A" Type 5", 7" & 9" Grinder : M14-1.25 spindle
"B" Type 4" & 5" Grinder : 3/8"-24 spindle 7" & 9" Grinder : 5/8"-11 spindle
"C" Type 4" & 5" Grinder : M8-1.25 spindle 7" & 9" Grinder : M10-1.5 spindle

★ *Please indicate the spindle type when ordering*



Lever type

ST-7741 7"



Lever type

ST-77364 Mini 4"

Roll type

ST-77364G Mini 4"



Lever type

ST-77365 4"
ST-77365-5 5"

Roll type

ST-77365G 4"
ST-77365G-5 5"



Lever type

ST-7843 4"
ST-7842 5"



Lever type

ST-P7736 4" (Spindle M10 x 1.5)
ST-P7736A 4-1/2" (Spindle 5/8 x 11)
ST-P7737 5" (Spindle 5/8 x 11)

Model No.	Free Speed (rpm)	Disc Size (in.)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
			mm	inch			l/min	cfm	kg	lbs	
ST-GD534L(G)2	11,000	4	230	9	1/4"	3/8"	540	19	1.8	4.0	6pcs/Ctn
ST-GD534L(G)5	11,000	4	230	9	1/4"	3/8"	540	19	1.8	4.0	6pcs/Ctn
ST-GD535L(G)2	11,000	5	230	9	1/4"	3/8"	540	19	1.8	4.0	6pcs/Ctn
ST-GD535L(G)3	11,000	5	230	9	1/4"	3/8"	540	19	1.8	4.0	6pcs/Ctn
ST-GD535L(G)6	11,000	5	230	9	1/4"	3/8"	540	19	1.8	4.0	6pcs/Ctn
ST-7851R	11,000	4	232	9-1/7	1/4"	3/8"	540	19	1.8	4.0	6pcs/Ctn
ST-7852R	11,000	4-1/2	232	9-1/7	1/4"	3/8"	540	19	1.8	4.0	6pcs/Ctn
ST-7853R	11,000	5	232	9-1/7	1/4"	3/8"	540	19	1.8	4.0	6pcs/Ctn
ST-7744L-B(C)	13,600	4	208	8-1/5	1/4"	3/8"	540	19	1.5	3.3	10pcs/Ctn
ST-7745L-A(B)(C)	10,900	5	208	8-1/5	1/4"	3/8"	540	19	1.6	3.5	10pcs/Ctn
ST-7747L-A(B)(C)	7,600	7	254	10	3/8"	1/2"	820	29	3.1	6.8	6pcs/Ctn
ST-7749L-A(B)(C)	5,900	9	310	12-1/5	3/8"	1/2"	1,130	40	3.3	7.3	6pcs/Ctn
ST-7744G-B(C)	13,600	4	208	8-1/5	1/4"	3/8"	540	19	1.5	3.3	10pcs/Ctn
ST-7745G-A(B)(C)	10,900	5	208	8-1/5	1/4"	3/8"	540	19	1.6	3.5	10pcs/Ctn
ST-7747G-A(B)(C)	7,600	7	254	10	3/8"	1/2"	820	29	3.1	6.8	6pcs/Ctn
ST-7749G-A(B)(C)	5,900	9	310	12-1/5	3/8"	1/2"	1,130	40	1.5	3.3	6pcs/Ctn
ST-77364(G)	13,000	4	180	7	1/4"	3/8"	540	19	1.0	2.1	10pcs/Ctn
ST-77365(G)	12,000	4	220	8-2/3	1/4"	3/8"	540	19	1.6	3.5	10pcs/Ctn
ST-77365(G)-5	12,000	5	232	9-1/7	1/4"	3/8"	540	19	1.8	4.0	10pcs/Ctn
ST-7843	11,000	4	275	10-5/6	1/4"	3/8"	540	19	2.0	4.4	10pcs/Ctn
ST-7842	11,000	5	275	10-5/6	1/4"	3/8"	540	19	2.0	4.4	10pcs/Ctn
ST-7741	7,000	7	343	13-1/2	3/8"	1/2"	820	29	3.2	7.0	6pcs/Ctn
ST-P7736	10,000	4	210	8-1/4	1/4"	3/8"	540	19	1.5	3.3	10pcs/Ctn
ST-P7736A	10,000	4-1/2	210	8-1/4	1/4"	3/8"	540	19	1.5	3.3	10pcs/Ctn
ST-P7737	10,000	5	244	9-3/5	1/4"	3/8"	540	19	1.75	3.85	12pcs/Ctn

★Recommend Air Pressure: 6.2bar (90psi)

Industrial Air Micro Grinder / Turbolap

Features:

- Comfortable weight and size with a dodecagonal body for prolonged jobs.
- Pneumatic and capable of continuous operation.
- A high precision collet with a small run-out.
- Durable structure with four evenly distributed bearings.
- Analog on-off valve to adjust the rate of air flow.
- Quick change air hose, exhaust overhose, and fitting for easy maintenance.
- Repairable for long life.
- Equipped with hoses and fittings to be ready for use on the day of purchase.
- The spiral bevel gear in the angle grinders delivers high durability and high revolution with reduced noise level.



ST-MG130N
Air Micro Grinder
65,000 rpm



ST-MG1B1N
90°Air micro angle grinder
23,500 rpm



ST-MG1B5N
45° Air micro angle grinder
23,500 rpm



ST-MG1A5N
45° Air micro angle grinder
35,000 rpm



ST-MG135N
3mm 45°Air micro angle grinder
43,000 rpm

Model No.	Capacity		Free Speed (rpm)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
	mm	in		mm	in			l/min	cfm	kg	lbs	
ST-MG130N	3	-	65,000	165	6-1/2	1/4"	3/16"	170	6	0.13	0.30	32Pcs/Ctn
ST-MG1B1N	30	1-1/6	23,500	140	5-1/2	1/4"	3/16"	170	6	0.15	0.33	32Pcs/Ctn
ST-MG1B5N	30	1-1/6	23,500	140	5-1/2	1/4"	3/16"	170	6	0.15	0.33	32Pcs/Ctn
ST-MG1A5N	20	4/5	35,000	140	5-1/2	1/4"	3/16"	170	6	0.15	0.33	32Pcs/Ctn
ST-MG135N	3	-	43,000	140	5-1/2	1/4"	3/16"	170	6	0.14	0.31	32Pcs/Ctn

Features:

- A precise motion mechanism with zero power loss in output.
- Features a flexible ergonomic rubber grip handle.
- The high-torque turbine mechanism ensures efficient operation.
- Capable of mold and precision component grinding, polishing, and chamber honing for batch polishing of crafts and jewelry.

ST-66103
0.3mm stroke, 50,000 rpm

ST-66107
0.7mm stroke, 22,000 rpm

ST-66112
1.2mm stroke, 15,000 rpm

Air turbolap liner tool



ST-66103S
0.3mm stroke, 55,000 rpm

ST-66107S
0.7mm stroke, 20,000 rpm

ST-66112S
1.2mm stroke, 10,000 rpm

Air turbolap swing tool



Model No.	Blows Per Minute (bpm)	Stroke Length (mm)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
			mm	in			l/min	cfm	kg	lbs	
ST-66103	50,000	0.3	185	7-2/7	1/4"	3/16"	170	6	0.2	0.44	25Pcs/Ctn
ST-66103S	55,000	0.3	185	7-2/7	1/4"	3/16"	170	6	0.2	0.44	25Pcs/Ctn
ST-66107	22,000	0.7	185	7-2/7	1/4"	3/16"	170	6	0.2	0.44	25Pcs/Ctn
ST-66107S	20,000	0.7	185	7-2/7	1/4"	3/16"	170	6	0.2	0.44	25Pcs/Ctn
ST-66112	15,000	1.2	185	7-2/7	1/4"	3/16"	170	6	0.2	0.44	25Pcs/Ctn
ST-66112S	10,000	1.2	185	7-2/7	1/4"	3/16"	170	6	0.2	0.44	25Pcs/Ctn

★Recommend Air Pressure: 6.2bar (90psi)

Air Micro Grinder / Engraving Pen



ST-6501
Engraving pen
3,300~3,400 bpm



ST-909
Engraving pen
10,000 bpm



ST-909A
Engraving pen
30,000~34,000 bpm



ST-3150 1/8"
ST-3150M 3mm
Air micro grinder
56,000 rpm



ST-3370 1/8"
ST-3370M 3mm
Air micro grinder
56,000 rpm



ST-3371 1/8"
ST-3371M 3mm
Air micro grinder w/PU grip
60,000 rpm



ST-3372 1/8"
ST-3372M 3mm
Air micro grinder
60,000 rpm



ST-3373 1/8"
ST-3373M 3mm
Heavy duty air micro grinder
60,000 rpm



ST-3375 1/8"
ST-3375M 3mm
Air micro grinder
60,000 rpm



ST-MG4001 1/8"
ST-MG4003 3mm
Turbine drive oil free
air micro grinder
100,000 rpm



ST-3391
90° Air micro grinder
21,000 rpm



ST-3392
120° Air micro grinder
21,000 rpm



ST-3360A 1/8"
ST-3360MA 3mm
Micro air grinder
35,000 rpm



ST-3380 1/8"
ST-3380M 3mm
micro air grinder
70,000 rpm

ST-3390
30mm mini angle
grinder/sander
22,000 rpm



ST-3393 1/8"
ST-3393M 3mm
Micro angle grinder
72,000 rpm



Model No.	Capacity		Free Speed (rpm)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
	mm	in		mm	in			l/min	cfm	kg	lbs	
ST-6501	-	-	3,300~3,400	137	5-2/5	1/4"	3/8"	170	6	0.11	0.25	30Pcs/Ctn
ST-909	-	-	10,000	170	6-3/4	1/4"	3/8"	170	6	0.9	1.98	30Pcs/Ctn
ST-909A	-	-	30,000~34,000	160	6-2/5	1/4"	3/8"	170	6	0.2	0.5	20Pcs/Ctn
ST-3150(M)	3	1/8	56,000	135	5-5/16	1/4"	3/8"	170	6	0.3	0.66	40Pcs/Ctn
ST-3370(M)	3	1/8	56,000	132	5-1/4	1/4"	3/8"	170	6	0.2	0.5	20Pcs/Ctn
ST-3371(M)	3	1/8	60,000	132	5-1/4	1/4"	3/8"	170	6	0.13	0.287	30Pcs/Ctn
ST-3372(M)	3	1/8	60,000	130	5-9/20	1/4"	3/8"	170	6	0.22	0.55	20Pcs/Ctn
ST-3373(M)	3	1/8	60,000	140	5-3/5	1/4"	3/8"	170	6	0.24	0.6	20Pcs/Ctn
ST-3375(M)	3	1/8	60,000	130	5-9/20	1/4"	3/8"	170	6	0.22	0.55	20Pcs/Ctn
ST-MG4001(3)	3	1/8	100,000	127	5	1/4"	3/8"	170	6	0.4	0.9	20Pcs/Ctn
ST-3391	1-3/16 (30mm)		21,000	160	6-2/5	1/4"	3/8"	170	6	0.2	0.5	20Pcs/Ctn
ST-3392	1-3/16 (30mm)		21,000	160	6-2/5	1/4"	3/8"	170	6	0.13	0.287	30Pcs/Ctn
ST-3390	1-3/16 (30mm)		22,000	136	5-1/3	1/4"	3/8"	170	6	0.3	0.6	20Pcs/Ctn
ST-3393(M)	3	1/8	72,000	150	5-9/10	1/4"	3/8"	170	6	0.23	0.5	20Pcs/Ctn
ST-3380(M)	3	1/8	70,000	132	5-1/4	1/4"	3/8"	170	6	0.4	0.8	30Pcs/Ctn
ST-3360A(MA)	3	1/8	35,000	175	6-9/10	1/4"	3/8"	170	6	0.35	0.77	20Pcs/Ctn

★Recommend Air Pressure: 6.2bar (90psi)

Professional Air Remove Tool / Air Cutter





3-Position Flexible Head

360° Auxiliary Handle

Top Air Regulator
for variable speed change



Vibration Damping Side Handle
for comfort on all jobs.

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ST-ER200
Flex head rust remove tool
w/ 3 wires wheel: #104, #105, #106
Speed: 4,000 rpm





ST-66342D(V) Vacuum type



Dust collect bag for
ST-66342V models



*Disc is not included

ST-7841SB

ST-7841SL
4" Extended reversible air cutter
Speed: 15,000 rpm

ST-7841SB
4" Reversible air cutter
Speed: 15,000 rpm



ST-66342 Non-vacuum
ST-66342D Central vacuum
ST-66342V Self-general vacuum
Remove-pro tool w/rubber eraser

ST-66342W Non-vacuum
ST-66342DW Central vacuum
ST-66342VW Self-general vacuum
Remove-pro tool w/stripping wheel



66342-100
Rubber eraser



66342-101
Stripping wheel
(103mm*30mm)



66342-102
Adaptor for rubber eraser & wire wheel (No.66342-103 ~ 66342-106)



66342-103
Rubber eraser



66342-104
Wire wheel (Fine)
Wire diameter 0.019" (0.5mm)
Wheel diameter 4" (103mm)
Wheel width 0.91" (23mm)



66342-105
Wire wheel (Medium)
Wire diameter 0.019" (0.5mm)
Wheel diameter 4" (103mm)
Wheel width 0.91" (23mm)



66342-106
Wire wheel (Coarse)
Wire diameter 0.028" (0.7mm)
Wheel diameter 4" (103mm)
Wheel width 0.91" (23mm)

Model No.	Free Speed (rpm)	Overall Length		Air Consumption		Net Weight		Packing
		mm	in	l/min	cfm	kg	lbs	
ST-ER200	4,000	290	11-3/7	370	13	1.2	2.6	12Pcs/Ctn
ST-66342(W)	4,090	280	11	283	10	1.12	2.47	4Pcs/Ctn
ST-66342V(W)	3,950	350	13-3/4	283	10	1.32	2.91	4Pcs/Ctn
ST-66342D(W)	3,950	350	13-3/4	283	10	1.32	2.91	4Pcs/Ctn

Model No.	Spindle Size	Free Speed (rpm)	Disc Size (in)	Overall Length		Air Inlet (I.D.)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
				mm	in			l/min	cfm	kg	lbs	
ST-7841SB	5/8" & 3/8"	15,000	4	234	9-1/5	1/4"	3/8"	540	19	1.1	2.4	12Pcs/Ctn
ST-7841SL	5/8" & 3/8"	15,000	4	376	14-4/5	1/4"	3/8"	540	19	1.7	3.8	12Pcs/Ctn

★Recommend Air Pressure: 6.2bar (90psi)

Professional Air Sander & Polisher



**Polishing Bonnet not included



ST-7785 5"
(Hook pad No.:P-PU501C)
ST-7786 6"
ST-7787 7"
ST-7788 8"
Air sander
4,500 rpm



ST-7795 5"
(Hook Pad No.:P-PU501C)
ST-7796 6"
ST-7797 7"
ST-7798 8"
Air polisher
2,500 rpm



NEW

ST-AS8007P3
Spindle size: M14*2.0

ST-AS8007P6
Spindle size: 5/8"-11
7" Angle sander
4,500 rpm



NEW

ST-AP8007P3
Spindle size: M14*2.0

ST-AP8007P6
Spindle size: 5/8"-11
7" Angle polisher
2,500 rpm



ST-7770S
7" Vertical air sander
4,000 rpm

7770S-42
7" Sanding pad



ST-7770
7" Vertical air polisher
2,000 rpm

7770-42
7" Sanding pad

Model No.	Sanding Pad		Spindle Thread (UNC)	Free Speed (rpm)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
	mm	inch			mm	in			l/min	cfm	kg	lbs	
ST-7785	125	5	5/8"-11	4,500	305	12	1/4"	3/8"	480	17	2.0	4.41	10Pcs/Ctn
ST-7786	150	6	5/8"-11	4,500	305	12	1/4"	3/8"	480	17	2.0	4.41	10Pcs/Ctn
ST-7787	180	7	5/8"-11	4,500	305	12	1/4"	3/8"	480	17	2.0	4.41	10Pcs/Ctn
ST-7788	200	8	5/8"-11	4,500	305	12	1/4"	3/8"	480	17	2.0	4.41	10Pcs/Ctn
ST-7795	125	5	5/8"-11	2,500	305	12	1/4"	3/8"	480	17	2.0	4.41	10Pcs/Ctn
ST-7796	150	6	5/8"-11	2,500	305	12	1/4"	3/8"	480	17	2.0	4.41	10Pcs/Ctn
ST-7797	180	7	5/8"-11	2,500	305	12	1/4"	3/8"	480	17	2.0	4.41	10Pcs/Ctn
ST-7798	200	8	5/8"-11	2,500	305	12	1/4"	3/8"	480	17	2.0	4.41	10Pcs/Ctn
NEW ST-AS8007P3	180	7	M14*2.0	4,500	370	14-4/7	1/4"	3/8"	280	10	2.0	4.41	6Pcs/Ctn
NEW ST-AS8007P6	180	7	5/8"-11	4,500	370	14-4/7	1/4"	3/8"	280	10	2.0	4.41	6Pcs/Ctn
NEW ST-AP8007P3	180	7	M14*2.0	2,500	370	14-4/7	1/4"	3/8"	280	10	2.0	4.41	6Pcs/Ctn
NEW ST-AP8007P6	180	7	5/8"-11	2,500	370	14-4/7	1/4"	3/8"	280	10	2.0	4.41	6Pcs/Ctn
ST-7770	180	7	5/8"-11	2,000	190	7-1/2	1/4"	3/8"	480	17	2.5	5.5	8Pcs/Ctn
ST-7770S	180	7	5/8"-11	4,000	190	7-1/2	1/4"	3/8"	480	17	2.5	5.5	8Pcs/Ctn

★Recommend Air Pressure 6.2 bar (90psi)



Industrial Air Random Orbital Sander

Features:

- The lowest profile in the industry provides unparalleled control, maneuverability, and feedback.
- Vibration absorbing "comfort grips" improve feel and reduce hand fatigue.
- Underside Speed control combines "on-the-fly" speed adjust-ability while helping to prevent inadvertent "slip switching".
- Inline dust path on vacuum models improves flow efficiency and helps prevent blocking.

Construction:

- Full floating rotor design reduces internal friction for a higher power transfer ratio, simplified maintenance, and longer tool life.
- One-piece motor shaft and pad balancer features heat-treated alloy and precision machined construction for smooth and durable operation.
- Hardened alloy steel cylinder and coated aluminum end plates reduce overall weight and extend parts life.
- Polymer rotor provides faster acceleration and lower overall tool weight.



Vibration Absorbing
"comfort grip" improve feel and reduce hand fatigue.

360° Rotation Air Exhaust Shutters
It provides different air exhaust directions for users.



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- Higher tool body , bigger negative forces user will experience when operation.
- Innovative low profile eliminates negative forces that resist manual input -- resulting in comfort feeling and ease-of-use.

Special Air Exhausted Design
For Self-Generated vacuum model.
Air passage through copper muffler for noise reduction.

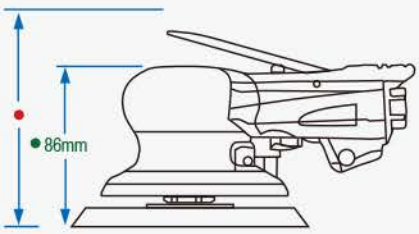




Patented Fan Blade Cooling System
For lowering bearing and spindle temperature for longer tool life.



Pantented Dual-Channels Vacuum Design
The profile of Dual-Channels design increase the vacuum static pressure to increase the vacuum efficiency.



Model No.	Sander Type	Orbit Diameter		Sanding Pad		Power		Free Speed (rpm)	Air Consumption		Overall Length		Height		Net Weight	
		standard	option	mm	inch	Watts	HP		l/min	cfm	mm	inch	mm	inch	kg	lbs
LSN-30H(V)	Non-Vacuum	5mm(3/16")	2.5mm(3/32")	76	3	209	0.28	12,000	430	15	152.5	6	93.5	3-2/3	0.66	1.47
LSN-50H(V)	Non-Vacuum	5mm(3/16")	2.5mm(3/32")	127	5	209	0.28	12,000	430	15	176	7	100.6	4	0.80	1.77
LSN-60H(V)	Non-Vacuum	5mm(3/16")	2.5mm(3/32")	150	6	209	0.28	12,000	430	15	189	7-4/9	100.6	4	0.83	1.84
LSC-30H(V)	Central Vacuum	5mm(3/16")	2.5mm(3/32")	76	3	209	0.28	12,000	430	15	196.5	7-3/4	93.5	3-2/3	0.72	1.6
LSC-50H(HM)(V)	Central Vacuum	5mm(3/16")	2.5mm(3/32")	127	5	209	0.28	12,000	430	15	246	9-2/3	100.6	4	0.88	1.95
LSC-60H(HM)(V)	Central Vacuum	5mm(3/16")	2.5mm(3/32")	150	6	209	0.28	12,000	430	15	260	10-1/4	100.6	4	0.91	2.02
LSG-30H(V)	Self-Generated Vac	5mm(3/16")	2.5mm(3/32")	76	3	209	0.28	12,000	430	15	199.5	7-6/7	93.5	3-2/3	0.73	1.62
LSG-50H(HM)(V)	Self-Generated Vac	5mm(3/16")	2.5mm(3/32")	127	5	209	0.28	11,000	430	15	251	9-7/8	100.6	4	0.89	1.97
LSG-60H(HM)(V)	Self-Generated Vac	5mm(3/16")	2.5mm(3/32")	150	6	209	0.28	11,000	430	15	265	10-3/7	100.6	4	0.92	2.04

*H: Hook Pad / HM: Multihole Hook Pad / V: Vinyl Pad

*For 2.5mm Orbit Model No:xxx-xxx-2.5

★Recommend Air Pressure: 6.2bar (90psi)

Professional Air Random Orbital Sander



Features:

- Generate excellent power output with extraordinary light weight.
- Made by One-Piece motor shaft. Combination with precision steel and heat-treatment, this allow much more smooth and durable while operating with pad.
- Designed with streamline shape and anti-slippery protection.

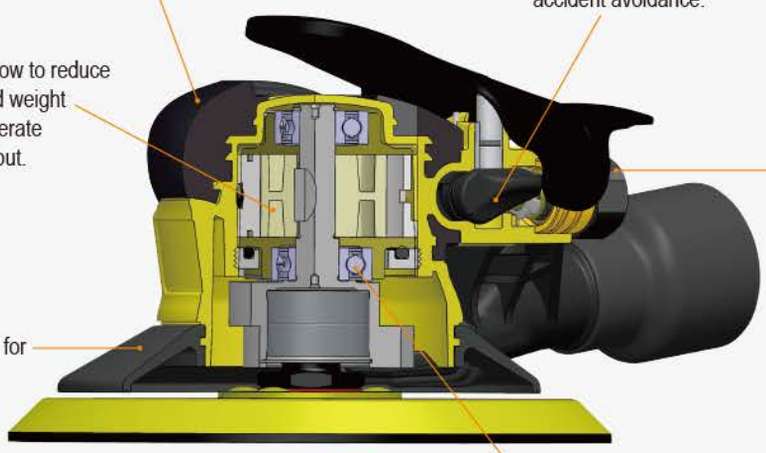


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Ergonomic grip provides excellent vibration absorption, as well as reduced major fatigue while operating.

Adjustable speed-control switch. Excellent prevention design for accident avoidance.

Floating rotor design allow to reduce both internal friction and weight of tool, also able to generate much higher power output.



Precision air-valve. Provide precise intake controbility.

Durable shield. Optional for half-mask or full-mask.



Stronger bearing. Extend service life of tool significantly.



OSN-P50H(V) w/5" pad
OSN-P60H(V) w/6" pad
Non-vacuum



OSC-P50H(V) w/5" pad
OSC-P60H(V) w/6" pad
Central vacuum



OSC-P60HF w/6" -6 holes pad
OSC-P60HMF w/6" -64 holes pad
Central vacuum
w/full mask



OSG-P50H(V) w/5" pad
OSG-P60H(V) w/6" pad
Self-generated vacuum

Model No.	Free Speed (rpm)	Orbit Diameter		Power		Air Inlet	Hose Size	Net Weight		Overall Length		Air Consumption		Packing
		Standard	Option	Watts	HP			kg	lbs	mm	in	l/min	cfm	
OSN-P50H(V)	12,000	5mm(3/16")	2.5mm(3/32")	209	0.28	1/4"	1/4"	0.80	1.76	160	6-2/7	430	15	12Pcs/Ctn
OSN-P60H(V)	12,000	5mm(3/16")	2.5mm(3/32")	209	0.28	1/4"	1/4"	0.84	1.85	170	6-2/3	430	15	12Pcs/Ctn
OSC-P50H(V)	12,000	5mm(3/16")	2.5mm(3/32")	209	0.28	1/4"	1/4"	0.85	1.87	210	8-1/4	430	15	12Pcs/Ctn
OSC-P60H(V)	12,000	5mm(3/16")	2.5mm(3/32")	209	0.28	1/4"	1/4"	0.89	1.96	220	8-2/3	430	15	12Pcs/Ctn
OSC-P60H(M)F	12,000	5mm(3/16")	2.5mm(3/32")	209	0.28	1/4"	1/4"	0.89	1.96	220	8-2/3	430	15	12Pcs/Ctn
OSG-P50H(V)	12,000	5mm(3/16")	2.5mm(3/32")	209	0.28	1/4"	1/4"	0.85	1.87	210	8-1/4	430	15	6Pcs/Ctn
OSG-P60H(V)	12,000	5mm(3/16")	2.5mm(3/32")	209	0.28	1/4"	1/4"	0.89	1.96	220	8-2/3	430	15	6Pcs/Ctn

*H: Hook pad V: Vinyl pad F: Full mask HM: Muti-hole pad

*for 2.5mm orbit model no.: xxx-xxxx-2.5

★Recommend Air Pressure: 6.2bar (90psi)



Professional Air Orbital Sander

Features:

- Low vibration for swirl-free finishes.
- Durable, lightweight composite housing design.
- Include short crochet Hook pad provided excellent vibration performance.



ST-7138NC(S)-5
w/5" pad
ST-7138NC(S)-6
w/6" pad
Non-vacuum
12,000 rpm



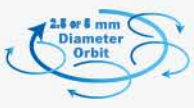


ST-7138DC(S)-5
w/5" pad
ST-7138DC(S)-6
w/6" pad
Central vacuum
12,000 r.p.m.





ST-7138VC(S)-5
w/5" pad
ST-7138VC(S)-6
w/6" pad
Self-generated vacuum
12,000 r.p.m.







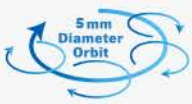
ST-7108NC(S)-5 ST-7108NC(S)-6
ST-7108DC(S)-5 ST-7108DC(S)-6
ST-7108VC(S)-5 ST-7108VC(S)-6
12,000 rpm





ST-7108SDC(S)-6 Central vacuum
ST-7108SVC(S)-6 Self-generated
Dual Suction Shroud
12,000 rpm





ST-7101 w/6" pad
ST-7101-5 w/5" pad
Air self vacuuming sander
10,000 rpm



ST-7118NC(S)-(5)(6) Non vacuum
ST-7118DC(S)-(5)(6) Central vacuum
ST-7118VC(S)-(5)(6) Self generated
10,000 rpm



ST-7110NC(S)-(5)(6)(8)
ST-7110DC(S)-(5)(6)(8)
ST-7110VC(S)-(5)(6)(8)
900 rpm

N: Non Vacuum D: Central Vacuum V: Self-Generated Vacuum C: Hook Pad S: Stick Pad 5: 5" Pad 6: 6" Pad 8: 8" Pad

Model No.	Sanding Pad		Orbit Diameter (mm)		Free Speed (rpm)	Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
	inch	mm	standard	option				l/min	cfm	kg	lbs	
ST-7138NC(S)	5 / 6	125 / 150	5	2.5	12,000	1/4"	3/8"	430	15	0.9	2	10Pcs/Ctn
ST-7138DC(S)	5 / 6	125 / 150	5	2.5	12,000	1/4"	3/8"	430	15	0.9	2	10Pcs/Ctn
ST-7138VC(S)	5 / 6	125 / 150	5	2.5	12,000	1/4"	3/8"	430	15	0.9	2	6Pcs/Ctn
ST-7108NC(S)	5 / 6	125 / 150	5	2.5	12,000	1/4	3/8	430	15	1.0	2.2	6Pcs/Ctn
ST-7108DC(S)	5 / 6	125 / 150	5	2.5	12,000	1/4	3/8	430	15	1.0	2.2	6Pcs/Ctn
ST-7108VC(S)	5 / 6	125 / 150	5	2.5	12,000	1/4	3/8	430	15	1.0	2.2	6Pcs/Ctn
ST-7108SDC(S)	6	150	5	2.5	12,000	1/4	3/8	430	15	1.0	2.2	6Pcs/Ctn
ST-7108SVC(S)	6	150	5	2.5	12,000	1/4	3/8	430	15	1.0	2.2	6Pcs/Ctn
ST-7101(-5)	5 / 6	125 / 150	5		10,000	1/4"	3/8"	430	15	1.1	2.43	12Pcs/Ctn
ST-7118NC(S)	5 / 6	125 / 150	5		10,000	1/4"	3/8"	430	15	1.3	2.9	6Pcs/Ctn
ST-7118DC(S)	5 / 6	125 / 150	5		10,000	1/4"	3/8"	430	15	1.3	2.9	6Pcs/Ctn
ST-7118VC(S)	5 / 6	125 / 150	5		10,000	1/4"	3/8"	430	15	1.3	2.9	6Pcs/Ctn
ST-7110NC(S)	5 / 6 / 8	125 / 150	5		900	1/4"	3/8"	430	15	1.4	3.1	6Pcs/Ctn
ST-7110DC(S)	5 / 6 / 8	125 / 150	5		900	1/4"	3/8"	430	15	1.4	3.1	6Pcs/Ctn
ST-7110VC(S)	5 / 6 / 8	125 / 150	5		900	1/4"	3/8"	430	15	1.4	3.1	6Pcs/Ctn

★ Recommend Air Pressure: 6.2 bar (90psi)





ST-7111NC Non-vacuum
ST-7111DC Central-vacuum

ST-7111VC
Self-generated vacuum jitterbug sander
w/hook pad (75x100 mm)
10,000 rpm



ST-7113NC Non-vacuum
ST-7113DC Central-vacuum

ST-7113VC
Self-generated vacuum jitterbug sander
w/hook pad (100X180 mm)
8,500 rpm



ST-7114NC Non-vacuum
ST-7114DC Central-vacuum

ST-7114VC
Self-generated vacuum tri sander
w/hook pad
10,000 rpm



ST-7717
Air palm sander
20,000 rpm



ST-7718
Air orbital sander
8,000 rpm

ST-7719
Straight line air sander
Two pistons
2,500 rpm



ST-7715P
D/A air sander
w/ 6" stick pad

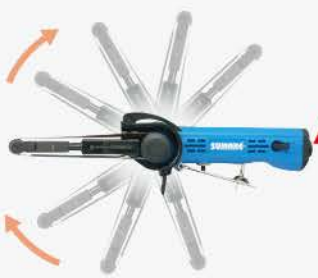
ST-7715P-V
D/A air sander
w/ 6" hook pad
10,000 rpm



Model No.	Sanding Pad		Orbit Diameter (mm)	Free Speed (rpm)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
	mm	inch			mm	in			l/min	cfm	kg	lbs	
ST-7111NC	75 X100	2-15/16 X 4	3.2	10,000	135	5-1/3	1/4"	3/8"	430	15	0.7	1.5	6Pcs/Ctn
ST-7111DC(VC)	75 X100	2-15/16 X 4	3.2	10,000	175	6-8/9	1/4"	3/8"	430	15	0.7	1.5	6Pcs/Ctn
ST-7113NC	100 X 180	4 X 7-1/10	3.2	8,500	190	7-1/2	1/4"	3/8"	430	15	1.2	2.6	6Pcs/Ctn
ST-7113DC(VC)	100 X 180	4 X 7-1/10	3.2	8,500	220	8-2/3	1/4"	3/8"	430	15	1.2	2.6	6Pcs/Ctn
ST-7114NC	99 X 71	-	3.2	10,000	145	5-5/7	1/4"	3/8"	430	15	0.7	1.5	12Pcs/Ctn
ST-7114DC(VC)	99 X 71	-	3.2	10,000	185	7-2/7	1/4"	3/8"	430	15	0.7	1.5	12Pcs/Ctn
ST-7717	100 x 110	4 x 4-3/8	1.6	20,000	127	5	1/4"	3/8"	370	13	0.5	1.1	20Pcs/Ctn
ST-7718	90 x 197	3-1/2 x 7-3/4	-	8,000	203	8	1/4"	3/8"	430	15	1.97	4.33	10Pcs/Ctn
ST-7719	70 x 444	2-3/4 x 17	-	2,500	410	16	1/4"	3/8"	430	15	3.1	6.82	6Pcs/Ctn
ST-7715P(-V)	150	6	-	10,000	254	10	1/4"	3/8"	430	15	1.85	4.1	10Pcs/Ctn

★Recommend Air Pressure: 6.2bar (90psi)

Professional Air Belt Sander (Composite Handle)



NEW



Quick Release Switch
(Model No. with "-Q")
Adjust direction without a wrench.

0.6HP Motor
delivers great power output.

Built-in Regulator
for adjusting the speed according to the user's needs.

Full Composite Body
to make better weight balance and improve ergonomics and reduce hand strain.

Safety Trigger Design
Provide users with safer and more comfortable.

Scan me!

0.6HP

ST-BS110A 6x330 mm
ST-BS110B 10x330 mm

ST-BS110A-Q 6x330 mm
ST-BS110B-Q 10x330 mm
w/Quick release switch

w/3pcs belt (#80, #100, #120)
17,000 rpm



ST-BS110E 1/2"x18"(13x457mm)
ST-BS110C 1/2"x24"(13x610 mm)
w/2pcs belt (#80, #100)
17,000 rpm



ST-CT160
3" Air cut-off tool







Scan me!

ST-BS110G 20x520 mm
w/2pcs belt (#80, #100)
16,000 rpm

ST-BS111G Iron pulley
ST-BS112G Rubber pulley
55°bendable air belt sander
w/2pcs belt (20x520mm, #80, #100)
16,000 rpm

ST-BS111K
Air belt sander kit
w/5pcs Idler pulleys &
1 belt (10x330mm, #100)
16,000 rpm

Model No.	Sanding Belt		Free Speed (rpm)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
	mm	inch		mm	in			l/min	cfm	kg	lbs	
ST-BS110A(-Q)	6x330	6/25x13	17,000	320	12-3/5	1/4"	3/8"	480	17	0.82	1.8	10Pcs/Ctn
ST-BS110B(-Q)	10x330	3/8x13	17,000	320	12-3/5	1/4"	3/8"	480	17	0.8	1.8	10Pcs/Ctn
ST-BS110C(-Q)	13x610	1/2x24	17,000	455	17-9/10	1/4"	3/8"	480	17	0.97	2.1	10Pcs/Ctn
ST-BS110E(-Q)	13x457	1/2x18	17,000	385	15-1/6	1/4"	3/8"	480	17	0.85	1.91	10Pcs/Ctn
ST-BS110G(-Q)	20x520	7/8x20	16,000	430	17	1/4"	3/8"	480	17	1.23	2.7	10Pcs/Ctn
ST-BS111G(-Q)	20x520	7/8x20	16,000	370	14-3/5	1/4"	3/8"	480	17	1.27	2.8	10Pcs/Ctn
ST-BS112G(-Q)	20x520	7/8x20	16,000	370	14-3/5	1/4"	3/8"	480	17	1.27	2.8	10Pcs/Ctn
ST-BS111K(-Q)	3x330 6x330 10x330 20x330 20x520	3/25x13 6/25x13 3/8x13 3/4x13 3/4x20	16,000	320	12-3/5	1/4"	3/8"	480	17	0.85	1.80	10Pcs/Ctn

*The model number with "-Q" indicates a Quick Release adjustment function.

Model No.	Free Speed (rpm)	Overall Length		Air Consumption		Net Weight		Packing
		mm	in	l/min	cfm	kg	lbs	
ST-CT160	17,000	210	8-1/6	368	13	0.81	1.79	10Pcs/Ctn

★Recommend Air Pressure: 6.2bar (90psi)

Industrial & Professional Composite Air Belt Sander







Powerful Motor
0.6HP for ST-BS500 series;
0.9HP for ST-BS510 series.



Built-in regulator f
or adjusting the speed according to the user's needs.

Built-in Silencer
Noise below 78dB.

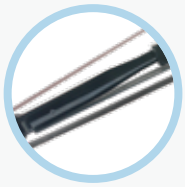
Quick Release Switch
Adjust direction without a wrench.

Comfort Housing Design
Comoposite housing with covered rubber grip provides lightweight and better handling comfort during operation.

Safety Trigger Design
Provide users with safer and more comfortable.

NEW 0.9HP

ST-BS510G 20x520 mm
ST-BS510H 30x540 mm
17,000 rpm
With 3 belts
(#40, #60, #80)



One-piece Design
High precision and stability provide less vibration.
(ST-BS500E, ST-BS510G, ST-BS510H)

Oversized Guard Cover and Flap
Effective prevent debris and sparks.

0.6HP



Composite

ST-BS500B 10x330 mm
ST-BS500D 13x330 mm
ST-BS500E 13x457 mm
18,000 rpm
with 3 belts (#40, #60, #80)

0.4HP Industrial



Composite

ST-C700 10x330 mm
18,000 rpm
with 3 belts (#80, #100, #120)
Low noise ≤85 dB(A)±3

0.5HP Industrial



Composite

ST-C703 20x520 mm
18,000 rpm
with 2 belts (#80, #100)

0.5HP Industrial



Composite

ST-C702 19x457 mm
18,000 rpm
Without belt

Model No.	Sanding Pad		Free Speed (rpm)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
	mm	inch		mm	in			l/min	cfm	kg	lbs	
NEW ST-BS510G	20 x 520	3/4 x 20-1/2	17,000	396	15 - 3/5	1/4"	3/8"	480	17	0.96	2.21	12Pcs/Ctn
NEW ST-BS510H	30 x 540	1-1/6 x 21-1/4	17,000	400	15 - 3/4	1/4"	3/8"	480	17	1.1	2.43	12Pcs/Ctn
ST-BS500B	10 x 330	3/8 x 13	18,000	325	12 - 4/5	1/4"	3/8"	480	17	0.78	1.72	12Pcs/Ctn
ST-BS500D	13 x 330	1/2 x 13	18,000	325	12 - 4/5	1/4"	3/8"	480	17	0.78	1.72	12Pcs/Ctn
ST-BS500E	13 x 457	1/2 x 18	18,000	385	15 - 1/16	1/4"	3/8"	480	17	0.8	1.76	12Pcs/Ctn
ST-C700	10x330	3/8x13	18,000	305	12	1/4"	3/8"	480	17	0.8	1.76	10Pcs/Ctn
ST-C703	20x520	7/8x20	18,000	375	14 - 3/4	1/4"	3/8"	480	17	1.2	2.64	10Pcs/Ctn
ST-C702	19x457	3/4x18	18,000	312	12 - 2/7	1/4"	3/8"	480	17	1.2	2.64	10Pcs/Ctn

★Recommend Air Pressure: 6.2bar (90psi)

Sanding Disc / Pad

2" Pad



P-F2C P-F2C2
P-F2S P-F2S2
M6 1/4"



P-F2C1
P-F2S1
5/16"-24

3" Pad



P-F3C1, P-F3S1
5/16"-24

5" Pad



P-E50NC, P-E50NS
5/16"-24



P-E55VC, P-E55VS
5/16"-24
Hole:5



EX:
P-E55VC, P-E55VS

5" & 6" Pad



P-E56VC, P-E56VS
5/16"-24
Hole:6



P-E60NC, P-E60NS
5/16"-24



P-E66VC, P-E66VS
5/16"-24
Hole:6



P-E615VC
5/16"-24
Hole:15(backing) / 8(side)

5" & 6" Pad



P-E652VC
5/16"-24
Hole:52



P-G653VC
5/16"-24
Hole:53



P-C5C, P-C6C
P-C5S, P-C6S
5/16"-24



P-D5C, P-D5S
P-D6C, P-D6S
5/16"-24

5" Pad



X50LNJ00 (Hook facing)
X50LNV00 (Vinyl facing)



X50LVJ05 (Hook facing)
X50LVV05 (Vinyl facing)
Hole:5



X50LVJS6 (Hook facing)
Hole:6



X50LVJ0S (Hook facing)
Multi-Hole

6" Pad



X60LNJ00 (Hook facing)
X60LNV00 (Vinyl facing)



X60LVJ06 (Hook facing)
X60LVV06 (Vinyl facing)
Hole:6



X60LVJ0S (Hook facing)
Multi-Hole



X60LVJMS (Hook facing)
Multi-Hole

Sanding Disc Kit



SD-2AK-M 6mm spindle
SD-2AK-S 1/4" spindle
2" Sanding disc kit

SD-3AK-M 6mm spindle
SD-3AK-S 1/4" spindle
3" Sanding disc kit



SD-2BK-M 6mm spindle
SD-2BK-S 1/4" spindle
2" Sanding disc kit

SD-3BK-M 6mm spindle
SD-3BK-S 1/4" spindle
3" Sanding disc kit





ST-M3008/H Hex
ST-M3008/R Round
150 mm air hammer
w/4 pcs 5"(125 mm) chisels
4,300 bpm



ST-M3009/H Hex
ST-M3009/R Round
190 mm air hammer
w/4 pcs 5"(125 mm) chisels
3,200 bpm

CHISELS CATALOG



ST-M3009K/H Hex
ST-M3009K/R Round
190 mm air hammer kit
Contents:
1- Air hammer (ST-M3009/H(R))
5- 7" chisels
1- Spring retainer
1- Mini oiler
1- Nipple
1- Oil pot



ST-2211/H Hex
ST-2211/R Round
150 mm air hammer
4,500 bpm



ST-2212/H Hex
ST-2212/R Round
190 mm air hammer
3,000 bpm

ST-2210/H Hex
ST-2210/R Round
ST-2211/H(R) w/4pc chisels
4,500 bpm



ST-2220/H Hex
ST-2220/R Round
ST-2212/H(R) w/4 pcs chisels
3,000 bpm





ST-2213/H Hex
ST-2213/R Round
250 mm air hammer
2,200 bpm

ST-2230/H Hex
ST-2230/R Round
ST-2213/H(R) w/4pc chisels
2,200 bpm





ST-2212K/H Hex
ST-2212K/R Round
10 pcs 190 mm air hammer kit
Contents:
1- Air hammer (ST-2212/H(R))
5- 7" chisels
1- Spring retainer
1- Mini oiler
1- Nipple



ST-2215K/H Hex
ST-2215K/R Round
190 mm heavy duty air hammer kit
Contents:
1-Air hammer (ST-2215/H(R))
5- 7" chisels
1- Spring retainer
1- Mini oiler

ST-3310
Air speed hammer
1,000 bpm

ST-3300
Air speed nailer
1,000 bpm





Speed Nailer

Model No.	Chisel Shank (inch)		Bore Diameter (I.D.)		Piston Stroke Length		Blow Per Min (bpm)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
	Round	Hex	mm	in	mm	in		mm	in			l/min	cfm	kg	lbs	
ST-M3008/H(R)	0.401	0.410	19.05	3/4	43	1-7/10	4,300	133	5-1/4	1/4"	3/8"	400	14	1.1	2.5	10Pcs/Ctn
ST-M3009/H(R)	0.401	0.410	19.05	3/4	66	2-3/5	3,200	172	6-4/5	1/4"	3/8"	400	14	1.4	3.1	10Pcs/Ctn
ST-2211/H(R)	0.401	0.410	19.05	3/4	41	1-5/8	4,500	160	5-1/4	1/4"	3/8"	400	14	1.3	2.8	10Pcs/Ctn
ST-2212/H(R)	0.401	0.410	19.05	3/4	66	2-5/8	3,000	180	7	1/4"	3/8"	400	14	1.6	3.5	10Pcs/Ctn
ST-2213/H(R)	0.401	0.410	19.05	3/4	92	3-5/8	2,200	250	8-1/2	1/4"	3/8"	400	14	2.0	4.4	10Pcs/Ctn
ST-2215/H(R)	0.401	0.410	19.05	3/4	66	2-5/8	3,000	180	7	1/4"	3/8"	400	14	1.7	3.7	10Pcs/Ctn

Model No.	Stroke per Min (bpm)	Overall Length		Net Weight		Work Air Comsumption		Packing
		mm	in	kg	lbs	l/min	cfm	
ST-3300	1,000	127	5	1.2	2.64	170	6	10Pcs/Ctn
ST-3310	1,000	100	4	1	2.2	170	6	10Pcs/Ctn

★Recommend Air Pressure: 6.2bar (90psi)



Professional Vibration-Reduction Air Hammer

Increase Power by 30%. Reduce Vibration by 70%.

Features:

- Damping System and Active Air Springs reduce vibration by 70% vibration and provide consistent hammer beating movementlly!
- Long barrel type ideal for heavy-duty applications.
- Medium barrel type ideal for medium duty jobs common in body shop, cutting sheet metal, separating and cutting frame rails, removing rivets.
- Extremely powerful handheld tool.

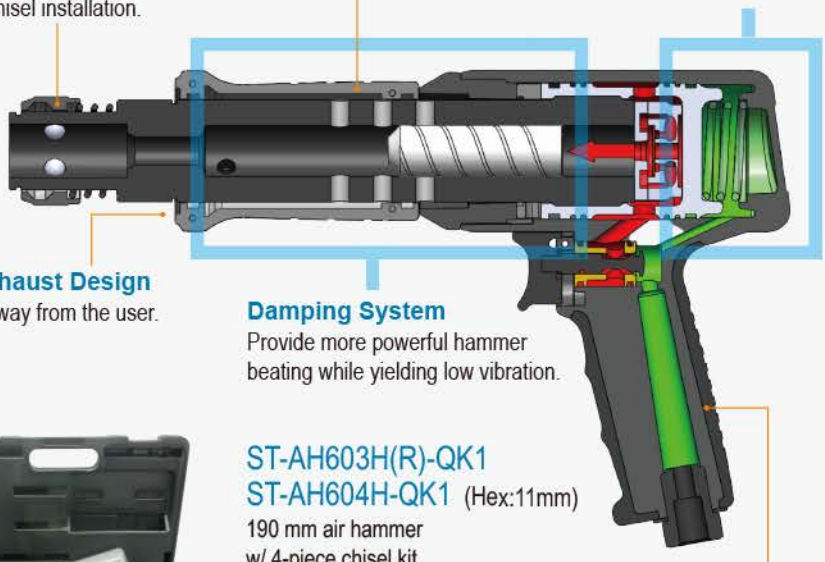
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Rotating Plastic Grip Design
Second hand placement to rotating forward grip gives users better control of the tool as well as insulating their hand from cold.

Active Air Spring
The air spring design makes an air chamber filled with compressed air, creating an air suspension to absorb back and forward movement vibration.

Quick-Change Retainer
For quick chisel installation.



Front Exhaust Design
Direct air away from the user.

Damping System
Provide more powerful hammer beating while yielding low vibration.



ST-AH603H-Q Hex:10 mm
ST-AH604H-Q Hex:11 mm
ST-AH603R-Q Round:0.41"
3,500 bpm



ST-AH605H-Q Hex:10 mm
ST-AH606H-Q Hex:11 mm
ST-AH605R-Q Round:0.41"
2,500 bpm



ST-AH603H(R)-QK1
ST-AH604H-QK1 (Hex:11mm)
190 mm air hammer
w/ 4-piece chisel kit

ST-AH605H(R)-QK1
ST-AH606H-QK1 (Hex:11mm)
250 mm air hammer
w/ 4 pcs chisel kit

Packing: 4set/ctn

Comfort Design
Aluminum housing with covered rubber grip for better operating comfort during work.



ST-AH603H(R)-QK
ST-AH604H-QK (Hex:11mm)
190 mm air hammer
w/ 5 pcs 7" chisel Kit

ST-AH605H(R)-QK
ST-AH606H-QK (Hex:11mm)
250 mm air hammer
w/ 5 pcs 7" chisel kit

Packing: 4set/ctn



ST-AH603H(R)-QK2
ST-AH604H-QK2 (Hex:11mm)
190 mm air hammer
w/ 5 pcs 7" chisel Kit

ST-AH605H(R)-QK2
ST-AH606H-QK2 (Hex:11mm)
250mm air hammer
w/ 5 pcs 7" chisel Kit

Packing: 4set/ctn

Model No.	Chisel Shank	Bore Diameter (I.D.)		Piston Stroke Length		Blow Per Min. (bpm)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight	
		mm	in	mm	in		mm	in			l/min	cfm	kg	lbs
ST-AH603H-Q	Hex:10mm	19	3/4	58	2-2/7	3,500	242	9-1/2	1/4"	3/8"	400	14	2.2	4.85
ST-AH604H-Q	Hex:11mm	19	3/4	58	2-2/7	3,500	242	9-1/2	1/4"	3/8"	400	14	2.2	4.85
ST-AH603R-Q	Round:0.41"	19	3/4	58	2-2/7	3,500	242	9-1/2	1/4"	3/8"	400	14	2.2	4.85
ST-AH605H-Q	Hex:10mm	19	3/4	89	3-1/2	2,500	290	11-3/7	1/4"	3/8"	400	14	2.76	6.01
ST-AH606H-Q	Hex:11mm	19	3/4	89	3-1/2	2,500	290	11-3/7	1/4"	3/8"	400	14	2.76	6.01
ST-AH605R-Q	Round:0.41"	19	3/4	89	3-1/2	2,500	290	11-3/7	1/4"	3/8"	400	14	2.76	6.01

★Recommend Air Pressure: 6.2bar (90psi)

Professional Vibration-Reduction Air Hammer



Patented Exhaust Way Switch Structure
allows operator to change to front or rear exhaust direction.

Patented rubber sleeve provides better safety during the change of chisels.

Patented Integrated Quick Change Retainer allows operator quickly change the chisel and extends tool's life.



Patented Vibration-Damped
Valve reduced hand occupational injury.



Covered rubber grip provides better user comforts.

Front and Rear switchable Exhaust



ST-2247S/H 190mm
ST-2247S/R190mm

ST-2248S/H 250mm
ST-2248S/R 250mm
Vibration reduction air hammer



ST-2247QCS/H 190mm
ST-2247QCS/R 190mm

ST-2248QCS/H 250mm
ST-2248QCS/R 250mm
Vibration-damped air hammer with Integrated Quick change retainer

Rear Exhaust



ST-2247/H 190mm
ST-2247/R 190mm

ST-2248/H 250mm
ST-2248/R 250mm
Vibration reduction air hammer



ST-2247QC/H 190mm
ST-2247QC/R 190mm

ST-2248QC/H 250mm
ST-2248QC/R 250mm
Vibration-damped air hammer with Integrated Quick change retainer



ST-M5080A/H Hex
ST-M5080A/R Round
190mm heavy duty air hammer
w/4pc 7" Chisels
3,000 bpm

ST-M5081A/H Hex
ST-M5081A/R Round
250mm heavy duty air hammer
w/4pc 7" chisels
2,100 bpm



ST-2247K/R-2
ST-2248K/R-2
Air hammer & round shank chisel kit

Contents:
1- Vibration reduction air Hammer (ST-2247/R, ST-2248/R)
5- Vibration chisels
1- Quick change retainer(ST-20021)
1- Retainer spring(ST-2001)



ST-2247K/R-1
Air hammer, chisel & needle scaler Kit

Contents:
1- Air hammer(ST-2247/H(R))
1- Needle scaler attachment: (ST-NS12A-R) (ø3mmx180mm(L)x19pcs needles)
4- 5" Chisels
1- Quick change retainer(ST-20020)
1- Retainer spring(ST-2001)
1- Air nipple



ST-2248K/R-1
Air hammer, chisel & needle scaler kit

Contents:
1- Air hammer(ST-2248/H(R))
1- Needle scaler attachment: (ST-NS11A-R) (ø3mmx180mm(L)x19pcs needles)
3- 7" chisels
1- Quick change retainer(ST-20020)
1- Air nipple

Spring Retainer



ST-2001
Universal



ST-2006
Two plies



ST-2002
Quick change



ST-20020
Quick change retainer



ST-20021
Quick change retainer



ST-20022
Quick change retainer

Model No.	Chisel Shank (inch)	Bore Diameter (I.D.)		Piston Stroke Length		Blow Per Min (bpm)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
		mm	inch	mm	inch		mm	in			l/min	cfm	kg	lbs	
ST-2247(QC)S/H	Hex: 10/11mm	19	3/4	63	2-1/2	3,000	180	7	1/4"	3/8"	400	14	1.7	3.7	10Pcs/Ctn
ST-2247(QC)S/R	Round: 0.401"	19	3/4	63	2-1/2	3,000	227	(QC)9	1/4"	3/8"	400	14	1.7	3.7	10Pcs/Ctn
ST-2248(QC)S/H	Hex: 10/11mm	19	3/4	89	3-12	2,200	224	8-5/6	1/4"	3/8"	400	14	2.0	4.4	10Pcs/Ctn
ST-2248(QC)S/R	Round: 0.401"	19	3/4	89	3-12	2,200	243	(QC)9-4/7	1/4"	3/8"	400	14	2.0	4.4	8Pcs/Ctn
ST-2247(QC)/H	Hex: 10/11mm	19	3/4	70	2-3/4	3,000	180	7	1/4"	3/8"	400	14	1.7	3.7	10Pcs/Ctn
ST-2247(QC)/R	Round: 0.401"	19	3/4	70	2-3/4	3,000	230	(QC)9	1/4"	3/8"	400	14	1.7	3.7	10Pcs/Ctn
ST-2248(QC)/H	Hex: 10/11mm	19	3/4	95	3-3/4	2,200	225	8-6/7	1/4"	3/8"	400	14	2.0	4.4	10Pcs/Ctn
ST-2248(QC)/R	Round: 0.401"	19	3/4	95	3-3/4	2,200	270	(QC)10-5/8	1/4"	3/8"	400	14	2.0	4.4	8Pcs/Ctn
ST-M5080A/H(R)	Hex: 10/11mm	19	3/4	58	2-5/16	3,000	206	8-1/9	1/4"	3/8"	400	14	1.8	3.96	10Pcs/Ctn
ST-M5081A/H(R)	Round: 0.401"	19	3/4	76	3	2,100	235	9-1/4	1/4"	3/8"	400	14	2.3	5.06	10Pcs/Ctn

★Recommend Air Pressure: 6.2bar (90psi)



Professional Air Needle Scaler / Flux Chipper

Vibration-Reduction design

Features:

- Optimized cylinder and piston feature a new valve unit design for more efficient hammering.
- Ergonomic design with low noise and vibration to ensure user comfort.



Innovative Vibration-Reduction System Design
Air is compressed into air chamber of rear housing, air suspension absorbs vibrations from front-to-rear action, and provides consistent bearing action.

NEW



ST-NH610
Air Needle Scaler
Ø3 X 180 mm X 19 pcs needles

ST-NH600
Air Needle Scaler
Ø3 X 125 mm X 12 pcs needles

ST-NH601
Air Needle Scaler
Ø3 X 180 mm X 12 pcs needles



ST-NH620
Air flux chipper w/ 32 mm flat chisel
Chisel shank: round 12 mm









ST-NS11A-H Hex
ST-NS11A-R Round
Air needle scaler attachment
(for all hammers)

ST-NS12A-H Hex
ST-NS12A-R Round
Air needle scaler attachment with quick Change retainer
(for all hammers)

ST-2271/H Hex
ST-2271/R Round
Air needle scaler attachment
(for all hammers)



ST-2560
Air needle scaler
4,000 bpm



ST-2275
Air needle scaler
4,000 bpm



Composite

ST-NS410
Air needle scaler
w/ø3x180 mmx19 needles
Composite housing



ST-AH400R(H)
Air hammer
w/4 pcs 5" chisels, needle attachment
(Ø3x125 mmx12 needles)
Composite housing

Composite

Model No.	Blow Per Min. (bpm)	No. of Needle (Chisel Width)	Piston Stroke (mm)	Air Inlet (PT)	Air Consumption		Weight (kg)	Over Length		Packing
					l/min	cfm		mm	inch	
NEW ST-NH600	4,800	Ø3 X 125mm X 12Pcs	15	1/4"	230	8	1.1	238	9-3/8	10Pcs/Ctn
NEW ST-NH601	4,800	Ø3 X 180mm X 12Pcs	15	1/4"	230	8	1.1	338	13-1/3	10Pcs/Ctn
NEW ST-NH610	4,300	Ø3 X 180mm X 19Pcs	15	1/4"	230	8	1.6	280	11	10Pcs/Ctn
NEW ST-NH620	4,500	Chisel	15, Dia. 20	1/4"	230	8	1.6	185	7-1/3	10Pcs/Ctn
ST-NS11A-H(R)	-	Ø3X180X19Pcs	-	-	-	-	0.9	230	9	20Pcs/Ctn
ST-NS12A-H(R)	-	Ø3X180X19Pcs	-	-	-	-	0.9	280	11	20Pcs/Ctn
ST-2271/H(R)	-	Ø3X180X19Pcs	-	-	-	-	1.05	227	9	20Pcs/Ctn
ST-2560	4,000	Ø3X180X12Pcs	27	3/8"	230	8	2.4	345	13-4/7	6Pcs/Ctn
ST-2275	4,000	Ø3X180X19Pcs	34	1/4"	230	8	2.5	410	16-1/7	6Pcs/Ctn
ST-NS410	4,000	Ø3X180X19Pcs	40	1/4"	230	8	1.8	335	13-1/5	10Pcs/Ctn
ST-AH400R(H)	4,600	Ø3X125X12Pcs	40	1/4"	230	8	1.6	375	14-3/4	10Pcs/Ctn

★Recommend Air Pressure: 6.2bar (90psi)

Professional Air Needle Scaler / Flux Chipper



Scan me!

NEW



ST-NH120
Vibration-reduction
Mini air needle scaler
6,000 bpm

ST-2558
Air needle scaler
5,000 bpm

ST-2557
Air needle scaler
4,650 bpm

ST-2556
Air needle scaler
4,550 bpm

ST-2550
Air needle scaler
3,700 bpm



ST-2558F
Air flux chipper
4,800 bpm

ST-2557F
Air flux chipper
5,000 bpm

ST-2556F
Air flux chipper
4,800 bpm

ST-2551
Air flux chipper
2,700 bpm

CHISELS CATALOG



ST-2555
Air needle scaler
3,800 bpm

ST-2561
Air needle scaler
4,000 bpm





ST-2553A
Air needle scaler w/vacuum
3,500 bpm

ST-2553
Air needle scaler
3,800 bpm



ST-2552
Air flux chipper
2,700 bpm

Model No.	Blow Per Min (bpm)	No. of Needle	Needle Option (Chisel Width Option)	Piston Stroke (mm)	Air Inlet (PT)	Air Consumption		Weight (kg)	Overall Length (mm)	Packing
						l/min	cfm			
NEW ST-NH120	6,000	Ø2x100x12Pcs	-	15	1/4"	230	8	0.65	251	10Pcs/Ctn
ST-2558	5,000	Ø3X125X12Pcs	-	32	1/4"	170	6	1.3	290	10Pcs/Ctn
ST-2557	4,650	Ø3X180X19Pcs	-	33	1/4"	230	8	2.7	420	6Pcs/Ctn
ST-2556	4,550	Ø3X180X19Pcs	-	38	1/4"	230	8	2.8	460	6Pcs/Ctn
ST-2550	3,700	Ø3X180X19Pcs	Ø2X180X29Pcs	33	1/4"	283	10	2.8	375	6Pcs/Ctn
ST-2555	3,800	Ø3X180X19Pcs	Ø2X180X29Pcs	33	1/4"	283	10	2.7	330	6Pcs/Ctn
ST-2561	4,000	Ø3X180X23Pcs	Ø2X180X53Pcs	27	3/8"	283	10	2.8	335	6Pcs/Ctn
ST-2553A	3,500	Ø3X180X28Pcs	Ø2X180X66Pcs Ø4X180X14Pcs	28	3/8"	283	10	4.2	345	6Pcs/Ctn
ST-2553	3,800	Ø3X180X28Pcs	Ø2X180X66Pcs Ø4X180X14Pcs	28	3/8"	283	10	3.6	350	6Pcs/Ctn

Model No.	Blow Per Min (bpm)	Chisel Shank	Piston Stroke (mm)	Air Inlet (PT)	Air Consumption		Weight (kg)	Overall Length (mm)	Packing
					l/min	cfm			
ST-2558F	4,800	round	32	1/4"	170	6	1.1	235	10Pcs/Ctn
ST-2557F	5,000	square	33	1/4"	200	7	2.6	420	10Pcs/Ctn
ST-2556F	4,800	round	38	1/4"	200	7	2.1	380	10Pcs/Ctn
ST-2551	2,700	square	33	1/4"	283	10	2.2	335	6Pcs/Ctn
ST-2552	2,700	square	33	1/4"	283	10	2.6	295	6Pcs/Ctn

★Recommend Air Pressure: 6.2bar (90psi)

Industrial Air Scaling Hammer / Chipping Hammer



ST-2273-3L Overall length: 620mm
ST-2273-4L Overall length: 1,220mm
ST-2273-5L Overall length: 1,520mm
ST-2273-6L Overall length: 1,820mm
Air long reach scaler
2,400 bpm



ST-2272
Air scaling hammer
Roll type
7,000 bpm

ST-2272L
Air scaling hammer
Lever type



ST-2274
Air scaling hammer
2,400 bpm



ST-2273K Long reach scaler kit
Contents:
4- Chisels-100 mm,70 mm,50 mm,40 mm width
2- 500 mm & 1pc 300 mm pipes
1- Hex wrench
1- Rubber cover



ST-2102/H(R) 3" Piston stroke (2,400 b.p.m)
ST-2103/H(R) 3.7" Piston stroke (1,920 b.p.m)
ST-2104/H(R) 4" Piston stroke (1,550 b.p.m)
Air chipping hammer
(H: hex shank, R: round shank)

CHISELS CATALOG



ST-2201/H(R) 1" Piston stroke (2,820 b.p.m)
ST-2202/H(R) 2" Piston stroke (2,150 b.p.m)
ST-2203/H(R) 3" Piston stroke (1,920 b.p.m)
ST-2204/H(R) 4" Piston stroke (1,500 b.p.m)
Air chipping hammer
(H: hex shank, R: round shank)



ST-2200/H Hex
ST-2200/R Round
Mini air chipping hammer
w/spring (3,000 bpm)



ST-2200A/H Hex
ST-2200A/R Round
Mini air chipping hammer
w/retainer (3,000 bpm)

Model No.	Blow Per Min. (bpm)	No. of Needle (Chisel Width)	Needle Option (Chisel Width Option)	Piston Stroke (mm)	Air Inlet (PT)	Air Consumption		Weight (kg)	Over Length		Packing
						l/min	cfm		mm	inch	
ST-2272	7,000	-	-	38	1/4"	283	10	2.3	560	22	6Pcs/Ctn
ST-2272L	7,000	-	-	38	3/8"	283	10	2.4	550	21-2/3	6Pcs/Ctn
ST-2274	2,400	-	-	26	3/8"	283	10	4.0	550	21-2/3	4Pcs/Ctn
ST-2273-3L	2,400	Chisel width 100mm	70, 50, 40mm	38	1/4"	283	10	5	620	24-2/5	4Pcs/Ctn
ST-2273-4L	2,400	Chisel width 100mm	70, 50, 40mm	38	1/4"	283	10	6.5	1220	48	2Pcs/Ctn
ST-2273-5L	2,400	Chisel width 100mm	70, 50, 40mm	38	1/4"	283	10	7.3	1520	59-5/6	2Pcs/Ctn
ST-2273-6L	2,400	Chisel width 100mm	70, 50, 40mm	38	1/4"	283	10	8	1820	71-2/3	2Pcs/Ctn

Model No.	Chisel shank	Piston Diameter		Piston Stroke		Blow Per Min (bpm)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing
		mm	inch	mm	inch		mm	in			l/min	cfm	kg	lbs	
ST-2102/H	Hex: 14.7 mm	28.5	1-1/8	77	3	2,400	365	14-1/5	3/8"	1/2"	650	23	7.95	17.5	2Pcs/Ctn
ST-2102/R	Round: 17.3 mm	28.5	1-1/8	77	3	2,400	365	14-1/5	3/8"	1/2"	650	23	7.95	17.5	2Pcs/Ctn
ST-2103/H	Hex: 14.7 mm	28.5	1-1/8	94	3-7/10	1,920	400	15-4/5	3/8"	1/2"	650	23	8.6	18.9	2Pcs/Ctn
ST-2103/R	Round: 17.3 mm	28.5	1-1/8	94	3-7/10	1,920	400	15-4/5	3/8"	1/2"	650	23	8.6	18.9	2Pcs/Ctn
ST-2104/H	Hex: 14.7 mm	28.5	1-1/8	102	4	1,550	425	16-7/10	3/8"	1/2"	650	23	8.9	19.8	2Pcs/Ctn
ST-2104/R	Round: 17.3 mm	28.5	1-1/8	102	4	1,550	425	16-7/10	3/8"	1/2"	650	23	8.9	19.8	2Pcs/Ctn
ST-2201/H	Hex: 14.7 mm	28.5	1-1/8	66.3	2-3/5	2,820	308	12-1/8	3/8"	1/2"	650	23	6.84	15.08	2Pcs/Ctn
ST-2201/R	Round: 17.3 mm	28.5	1-1/8	66.3	2-3/5	2,820	308	12-1/8	3/8"	1/2"	650	23	6.84	15.08	2Pcs/Ctn
ST-2202/H	Hex: 14.7 mm	28.5	1-1/8	91.7	3-3/5	2,150	327	12-7/8	3/8"	1/2"	650	23	7.2	15.9	2Pcs/Ctn
ST-2202/R	Round: 17.3 mm	28.5	1-1/8	91.7	3-3/5	2,150	327	12-7/8	3/8"	1/2"	650	23	7.2	15.9	2Pcs/Ctn
ST-2203/H	Hex: 14.7 mm	28.5	1-1/8	94	3-7/10	1,920	378	14-7/8	3/8"	1/2"	650	23	7.6	16.75	2Pcs/Ctn
ST-2203/R	Round: 17.3 mm	28.5	1-1/8	94	3-7/10	1,920	378	14-7/8	3/8"	1/2"	650	23	7.6	16.75	2Pcs/Ctn
ST-2204/H	Hex: 14.7 mm	28.5	1-1/8	102	4	1,500	410	16-1/8	3/8"	1/2"	650	23	8.18	18.03	2Pcs/Ctn
ST-2204/R	Round: 17.3 mm	28.5	1-1/8	102	4	1,500	410	16-1/8	3/8"	1/2"	650	23	8.18	18.03	2Pcs/Ctn
ST-2200/H	Hex: 11.8 mm	20	25/32	45	1-7/9	3,000	243	9-1/2	1/4"	3/8"	400	14	2.6	5.7	6Pcs/Ctn
ST-2200/R	Round: 13.8 mm	20	25/32	45	1-7/9	3,000	243	9-1/2	1/4"	3/8"	400	14	2.6	5.7	6Pcs/Ctn
ST-2200A/H	Hex: 11.8 mm	20	25/32	45	1-7/9	3,000	243	9-1/2	1/4"	3/8"	400	14	2.6	5.7	10Pcs/Ctn
ST-2200A/R	Round: 13.8 mm	20	25/32	45	1-7/9	3,000	243	9-1/2	1/4"	3/8"	400	14	2.6	5.7	10Pcs/Ctn

★Recommend Air Pressure: 6.2bar (90psi)

Industrial Air Riveting Hammer

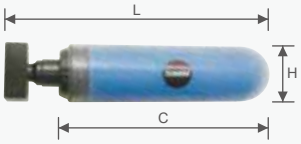




[Nitto] plug only



ST-2510(A)
ST-2516(A)
Vibration-damped bucking bar



1" rivet chisel (Std. accy)



Sleeve design to protect the forward hand and prevent from injury. (ST-24002, ST-24003 only)

The air cushion functions to provide a significant reduction in vibration and extends usage time.

★Less Vibration

360° Exhaust design.

Trigger with adjustable power allows various power adjusted and controlled easily.

ST-24002
ST-24003
Air riveting hammer
Piston type



ST-24001
Air riveting hammer
Piston type

CHISELS CATALOG

Dimensions:

Model No.	Type	L (mm)	H (mm)	C (mm)	Weight (kg)
ST-2510	Manual	188	53	139	1.5
ST-2516	Manual	245	53	200	2.1
ST-2510A	Pneumatic	188	53	139	1.35
ST-2516A	Pneumatic	245	53	200	2.1



SL: Lever Start

ST-2401S(SL)
1" Straight type

ST-2403S(SL)
3" Straight type

ST-2402S(SL)
2" Straight type

ST-2404S(SL)
4" Straight type



ST-2401
1" Pistol type

ST-2403
3" Pistol type

ST-2402
2" Pistol type

ST-2404
4" Pistol type



ST-2405
5" Pistol type

ST-2409
9" Pistol type

ST-2407
7" Pistol type

*Except ST-2401 seies, the others could be with "Open type" or "Close type" Spring for option.

Model No.	Rivet Hammer Type	Chisel Shank Dia. (inch)	Bore Diameter (I.D.)		Piston Stroke Length		Blow Per Min (bpm)	Rivet Nuts		Overall Length		Air Inlet (PT) (inch)	Air Hose (I.D.) (inch)	Air Consumption		Net Weight	
			mm	inch	mm	inch		Steel	Alum	mm	in			l/min	cfm	kg	lbs
ST-24001	2X	0.401	15.24	3/5	40	1-4/7	3,960	-	-	180	7-1/10	1/4	3/8	400	14	1.1	2.4
ST-24002	3X	0.401	15.24	3/5	102	4	2,160	-	-	225	8-9/10	1/4	3/8	400	14	1.35	2.98
ST-24003	4X	0.401	15.24	3/5	137	5-2/5	1,440	-	-	280	11	1/4	3/8	400	14	1.50	3.31
ST-2401	1X	0.401	14.3	9/16	35	1-3/8	2,850	-	-	115	4-1/2	1/4	3/8	400	14	1.0	2.2
ST-2401S	1X	0.401	14.3	9/16	35	1-3/8	2,850	-	-	160	6-19/64	1/4	3/8	400	14	1.0	2.2
ST-2401SL	1X	0.401	14.3	9/16	35	1-3/8	2,850	-	-	160	6-19/64	1/4	3/8	400	14	1.0	2.2
ST-2402	2X	0.401	12.7	1/2	57.2	2-1/4	2,580	3/32	1/8	170	6-11/16	1/4	3/8	400	14	1.1	2.4
ST-2402S	2X	0.401	12.7	1/2	57.2	2-1/4	2,580	3/32	1/8	215	8-1/2	1/4	3/8	400	14	1.1	2.4
ST-2402SL	2X	0.401	12.7	1/2	57.2	2-1/4	2,580	3/32	1/8	215	8-1/2	1/4	3/8	400	14	1.1	2.4
ST-2403	3X	0.401	12.7	1/2	73	2-7/8	2,160	5/32	3/16	186	7-3/8	1/4	3/8	400	14	1.2	2.6
ST-2403S	3X	0.401	12.7	1/2	73	2-7/8	2,160	5/32	3/16	231	9-1/8	1/4	3/8	400	14	1.2	2.6
ST-2403SL	3X	0.401	12.7	1/2	73	2-7/8	2,160	5/32	3/16	231	9-1/8	1/4	3/8	400	14	1.2	2.6
ST-2404	4X	0.401	12.7	1/2	77.8	3-1/16	1,740	3/16	1/4	211	8-3/8	1/4	3/8	400	14	3.3	1.5
ST-2404S	4X	0.401	12.7	1/2	77.8	3-1/16	1,740	3/16	1/4	256	10-1/8	1/4	3/8	400	14	2.9	1.3
ST-2404SL	4X	0.401	12.7	1/2	77.8	3-1/16	1,740	3/16	1/4	256	10-1/8	1/4	3/8	400	14	2.9	1.3
ST-2405	5X	0.498	19	3/4	68.3	2-11/16	1,600	3/16	1/4	230	9-3/32	1/4	3/8	400	14	2.2	4.9
ST-2407	7X	0.498	19	3/4	98.4	3-7/8	1,140	1/4	5/16	256	10-1/8	1/4	3/8	400	14	2.3	5.1
ST-2409	9X	0.498	19	3/4	147.6	5-13/16	900	5/16	3/8	284	11-1/4	1/4	3/8	400	14	2.7	6.0

★Recommend Air Pressure: 6.2bar (90psi)



Industrial Air Nipper



ST-66710
Air nipper w/blade (B-S10)



ST-6672
Air nipper w/blade (B-S20)



ST-6673
Air nipper w/blade (B-S30)



ST-66711
Air nipper w/blade (B-S40)



ST-66712
Air nipper w/blade (B-S40)



ST-66713
Air nipper w/blade (B-AR20-1)



ST-66715F
Air nipper w/blade (B-AR40-2)



ST-66714
Air nipper w/blade (B-S50)



ST-66716
Air nipper w/blade (B-S40)



ST-66717
Air bipper w/blade (B-A20-2)



AM-P
Pedal for ST-66716 and ST-66717

* ST-66716 & ST-66717 are recommended to be collaborated with pedal (AM-P)

Model No.	Cutting Capacity (Ø)mm			Grip Size (Ø)mm	Pressure Power (Bar)	Avg. Air Cons. (l/min)	Overall Length		Net Weight		Packing
	Copper	Iron	Plastic				mm	in	kg	lbs	
ST-66710	0.8	0.5	-	20	26.5	0.04	126	5	0.08	0.18	28Pcs/Ctn
ST-6672	1.0	0.5	2.0	30	39.2	0.06	120	4-5/7	0.13	0.29	25Pcs/Ctn
ST-6673	1.5	1.0	4.0	36	58.8	0.12	136	5-1/3	0.2	0.44	25Pcs/Ctn
ST-66711	2.6	2.0	5	45	137.3	0.23	170	6-2/3	0.34	0.75	35Pcs/Ctn
ST-66712	2.6	2.0	5	45	245.2	0.51	242	9-1/2	0.52	1.15	21Pcs/Ctn
ST-66713	3.3	2.8	-	45	274.6	0.51	268	10-5/9	0.55	1.21	21Pcs/Ctn
ST-66715	4.8	4.0	6.5	56	441.3	0.96	300	11-4/5	0.90	1.98	20Pcs/Ctn
ST-66714	3.3	2.8	6.5	56	274.6	0.58	207	8-1/7	0.57	1.25	20Pcs/Ctn
ST-66716	2.6	2.0	4	45	137.3	0.23	161	6-1/3	0.35	0.77	35Pcs/Ctn
ST-66717	3.3	2.8	6.5	56	274.2	0.58	200	7-7/8	0.59	1.3	20Pcs/Ctn

*Separate Blades are available.

★Recommend Air Pressure: 6.2bar (90psi)

Blade For Air Nipper

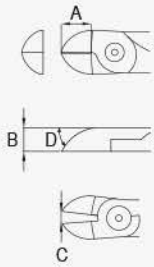




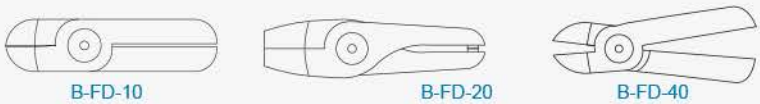
S Series Standard Blade



Model	Capacity(mm)		Body Model	A	B	C	D
	Copper Wire	Iron Wire					
B-S10	0.8	0.5	ST-66710	11	6.9	2.9	25°
B-S20	1.0	0.5	ST-6672	11	6.9	3	25°
B-S30	1.6	1.0	ST-6673	13.5	9.6	6	25°
B-S40	2.6	2.0	ST-66711、ST-66716	19	11.8	7.5	30°
	3.0	2.4	ST-66712				
B-S50	3.3	2.8	ST-66714、ST66717	24	17	8.5	30°
	4.8	4.0	ST-66715				
B-Z8P	Stainless Steel: 2.0		ST-66714H、ST66717H				
	Stainless Steel: 2.8		ST-66715H				

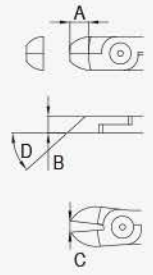


FD Series Plastic Cutting Blade





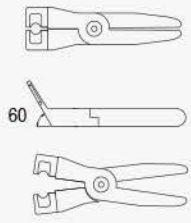
Model	Capacity(mm) (Plastics)		Body Model	A	B	C	D
	Soft	Hard					
B-FD10	5	4	ST-66711、ST-66716	14	11.8	7.5	42°
	7	4	ST-66712				
B-FD20	10	6.5	ST-66714、ST66717	26	17	11	30°
	13	6.5	ST-66715				
B-FD22	2.0	–	ST-6672	11	6.9	3	25°
B-FD40	4	2.6	ST-6673	13.5	8.9	6	25°



CL Series Strain Relief Bushing



Model	Capacity(mm)	Body Model
B-CL11	11.0	ST-66711、ST-66712、ST-66716
B-CL12	12.0	ST-66711、ST-66712、ST-66716
B-CL13	13.0	ST-66711、ST-66712、ST-66716
B-CL14	14.0	ST-66714、ST-66717
B-CL15	15.0	ST-66714、ST-66717
B-CL16	16.0	ST-66714、ST-66715、ST-66717
B-CL17	17.0	ST-66714、ST-66717
B-CL18	18.0	ST-66714、ST-66717
B-CL19	19.0	ST-66714、ST-66715、ST-66717
B-CL24	24.0	ST-66715

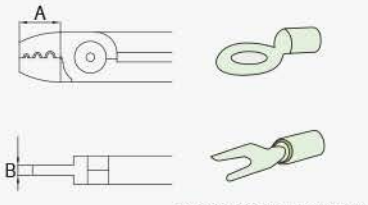


A Series Non-insulated Terminal

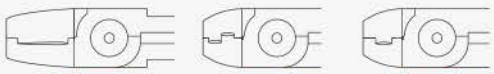




Model	Capacity	Body Model	A	B
B-A10	1.25sq	ST-66711, ST-66712, ST-66716	11	5.7
B-A30-1	1.25sq	ST-66713	11.5	6.5
B-A50	1.25~2.0~5.5sq	ST-66714, ST-66715, ST-66717	28	6
B-A60	8.0sq	ST-66715	11.5	6.5

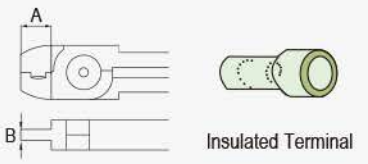


AR Series Insulated Terminal



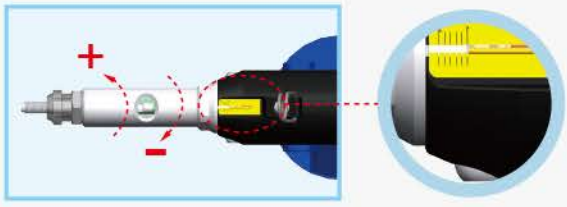


Model	Capacity	Body Model	A	B
B-AR20-1	1.25sq	ST-66713	14	6.5
B-AR40-1	1.25~2.0sq	ST-66714, ST-66715, ST-66717	22	5.8
B-AR40-2	2.0~5.5sq			
B-AR50	8.0sq	ST-66715	17	6
B-AR60	8.0sq, 14.0sq	ST-66719	45	11





Industrial Air Hydraulic Riveting Nut Tool

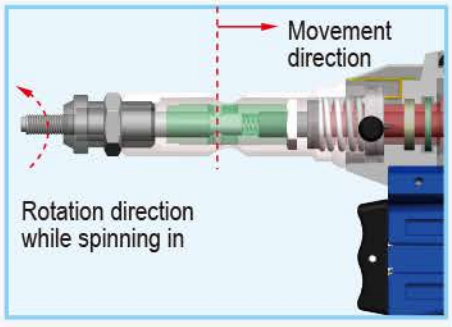


Hydraulic Oil Cap Bolt

Scale tag for pulling stroke

Precise powerful air motor;efficient for forward and reverse work.

Quick change connector for tie rod.



Trigger for pulling and spinning out.

Rubber grip
with soft touch for easy operation.

Bi-directional 360O rotation air hose universal joint.

Industrial Air Hydraulic Riveting Nut Tool





ST-6355 M3~M12
ST-6355A #6~1/2"
Air riveting nut tool



ST-6360M M3~M8
ST-6360S #6~5/16"
Air riveting nut tool



ST-6361M M4~M12
ST-6361S #8~1/2"
Air riveting nut tool



ST-6920 M4~M12
ST-6920A 1/4"~1/2" ,#8, #10
Air spin-pull rivet nut tool



ST-6410 1/4"(6.4 mm)
Traction power: 4480 lbs
Air hydraulic lockbolt tool
w/o nose

ST-6411 1/4"(6.4 mm)
Traction power: 5600 lbs
Air hydraulic lockbolt tool
w/o nose





Magna-grip



Original huck design
(C6L)



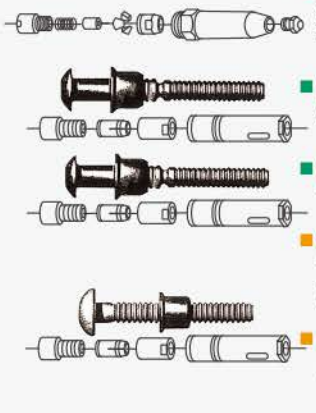
ST-6400 1/4" (6.4 mm)
w/ 6400-NS03A
ST-6400-4.8 3/16" (4.8 mm)
w/ 6400-NS04A
Air hydraulic lockbolt tool



Model No.	Hydraulic Lockbolt Tool w/nose	Riveting Capacity	
		in	mm
ST-6410H-01	HUCK C6L NOSE	1/4	6.4
ST-6410H-02	HUCK C6L NOSE	3/16	4.8
ST-6410H-03	HUCK MAGNA-GRIP NOSE	1/4	6.4
ST-6410H-04	HUCK MAGNA-GRIP NOSE	3/16	4.8
ST-6411H-01	HUCK C6L NOSE	1/4	6.4
ST-6411H-02	HUCK C6L NOSE	3/16	4.8
ST-6411H-03	HUCK MAGNA-GRIP NOSE	1/4	6.4
ST-6411H-04	HUCK MAGNA-GRIP NOSE	3/16	4.8



Nose head assembly:
1/4" Huck C6L nose
3/16" Huck C6L nose
1/4" Huck Magna-grip nose
3/16" Huck Magna-grip nose



- 6400-NS05
  5/32", 3/16", 1/4"
  Blind rivet nose ass'y
- 6400-NS02A
  3/16" nose ass'y
- 6400-NS01A
  1/4" nose ass'y
- 6400-NS03A
  1/4" huck lockbolt
  Nose ass'y
- 6400-NS04A
  3/16" Huck lockbolt
  Nose ass'y

■ Option: Apply for Huck C6L Fastener / AVDEL Avdelok
■ Standard:Apply for Huck Magna-Grip / AVDEL Maxlok

Model No.	Riveting Capacity	Stroke Length		Traction Power		Air Consumption		Weight		Packing
		mm	in	kg	lbs.	l/min	cfm	kg	lbs	
ST-6355	■: M3, M4, M5, M6, M8, M10, M12 #6-32, #8-32, #10-24, #10-32, 1/4"-20, 5/16"-18, 3/8"-16, 1/2"-13	7	0.28	2,176	4,800	450	16	2.45	5.9	5Pcs/Ctn
ST-6360M	■: M3, M4, M5, M6, M8	7	0.28	1,452	3,200	450	16	2.1	4.6	5Pcs/Ctn
ST-6360S	■: #6-32, #8-32, #10-24, #10-32, 1/4"-20, 5/16"-18	7	0.28	1,452	3,200	450	16	2.1	4.6	5Pcs/Ctn
ST-6361M	■: M4, M5, M6, M8, M10, M12	7	0.28	2,724	6,000	450	16	2.1	4.6	5Pcs/Ctn
ST-6361S	■: #8-32, #10-24, #10-32, 1/4"-20, 5/16"-18, 3/8"-16, 1/2"-13	7	0.28	2,724	6,000	450	16	2.1	4.6	5Pcs/Ctn
ST-6920	■: M4, M5, M6, M8, M10, M12(Round)	7	0.28	3,100	6,800	450	16	3	6.6	4Pcs/Ctn
ST-6920A	■: 1/4"-20,5/16"-18,1/2"-13, #8-32,#10-24,#10-32,3/8"-16	7	0.28	3,100	6,800	450	16	3	6.6	4Pcs/Ctn

★Material : Aluminium+Steel+Stainless Steel+Structural blind rivets

Model No.	Riveting Capacity inch(mm)	Stroke Length		Traction Power		Air Consumption		Weight		Packing
		mm	in	kg	lbs.	l/min	cfm	kg	lbs	
ST-6410	HUCK C6L, MAGNA-GRIP 1/4"(6.4mm), 3/16"(4.8mm)	24	47/50	2,033	4,480	255	9	1.74	3.84	6Pcs/Ctn
ST-6411	HUCK C6L, MAGNA-GRIP 1/4"(6.4mm), 3/16"(4.8mm)	19.5	39/50	2,539	5,600	255	9	1.81	3.99	6Pcs/Ctn
ST-6400	1/4"(6.4mm)	23	7/8	2,500	5,500	255	9	3.5	6.5	5Pcs/Ctn
ST-6400-4.8	3/16"(4.8mm)	23	7/8	2,500	5,500	255	9	3.5	6.5	5Pcs/Ctn

★Recommend Air Pressure: 6.2bar (90psi)



Industrial Air Hydraulic Riveter

"2mm nosepiece" as best fit for microelectronic application.

By pulling different size of rivet only nosepiece need to be replaced. No other parts need to be changed.



ST-6220V
Vacuum
5/32" (4.0mm)



ST-66164V
Vacuum

ST-66164N
Non-vacuum
3/16" (4.8 mm)



ST-66165V
Vacuum

ST-66165N
Non-vacuum
3/16"(4.8 mm)



ST-66166V
Vacuum

ST-66166N
Non-vacuum
1/4"(6.4 mm)



ST-66167V
Vacuum

ST-66167N
Non-vacuum
5/16"(7.8 mm)



ST-6240V
Vacuum
1/4"(6.4 mm)

ST-6250V
Vacuum
5/16"(7.8 mm)



ST-66155V
Vacuum
3/16"(4.8 mm)

ST-66192V
Vacuum
1/4"(6.4 mm)



ST-6674
Non-vacuum
1/4"(6.4 mm)



ST-6675
Vacuum

ST-6671
Non-vacuum
3/16"(4.8 mm)



ST-6677
Vacuum

ST-6676
Non-vacuum,full range
1/4"(6.4 mm)

Model No.	Riveting Capacity inch (mm)	Traction Power		Stroke Length		Overall Height		Air consumption		Jaw	Weight		Packing
		kg	lbs	mm	in	mm	in	l/min	cfm		kg	lbs	
ST-6220V	■: 5/64"(2.0), 3/32"(2.4), 1/8"(3.2), 5/32"(4.0)	522	1,150	17.78	0.7	235	9-1/4	255	9	2	1.15	2.9	10Pcs/Ctn
ST-66164V	■: 3/32"(2.4), 1/8"(3.2), 5/32"(4.0), 3/16"(4.8)	908	2,000	15	0.59	250	9-3/4	255	9	3	1.45	3.2	10Pcs/Ctn
ST-66164N	■: 3/32"(2.4), 1/8"(3.2), 5/32"(4.0), 3/16"(4.8)	908	2,000	15	0.59	250	9-3/4	255	9	3	1.39	3.1	10Pcs/Ctn
ST-66165V	■: 3/32"(2.4), 1/8"(3.2), 5/32"(4.0), 3/16"(4.8)	908	2,000	23.5	0.93	270	10-1/2	255	9	3	1.49	3.3	10Pcs/Ctn
ST-66165N	■: 3/32"(2.4), 1/8"(3.2), 5/32"(4.0), 3/16"(4.8)	908	2,000	23.5	0.93	270	10-1/2	255	9	3	1.46	3.2	10Pcs/Ctn
ST-66166V	■: 3/16"(4.8), 7/32"(5.6), 1/4"(6.4)	1,407	3,100	26	1	310	12-1/4	255	9	3	1.86	4.1	6Pcs/Ctn
ST-66166N	■: 3/16"(4.8), 7/32"(5.6), 1/4"(6.4)	1,407	3,100	26	1	310	12-1/4	255	9	3	1.77	3.9	6Pcs/Ctn
ST-66167V	■: 3/16"(4.8), 7/32"(5.6), 1/4"(6.4), 5/16"(7.8)	1,723	3,800	22.5	0.88	310	12-1/4	255	9	3	1.84	4.1	8Pcs/Ctn
ST-66167N	■: 3/16"(4.8), 7/32"(5.6), 1/4"(6.4), 5/16"(7.8)	1,723	3,800	22.5	0.88	310	12-1/4	255	9	3	1.74	3.8	8Pcs/Ctn
ST-6240V	■: 3/16"(4.8), 7/32"(5.6), 1/4"(6.4)	1,816	4,000	26	1.02	325	12-4/5	255	9	3	1.94	4.28	6Pcs/Ctn
ST-6250V	■: 3/16"(4.8), 7/32"(5.6), 1/4"(6.4), 5/16"(7.8)	2,270	5,000	26	1.02	325	12-4/5	255	9	3	2.18	4.28	6Pcs/Ctn
ST-66155V	■: Standard blind rivet 3/16"(4.8), 5/32"(4.0), Blind rivet magnalock/monobolt/orlock 1/8"(3.2), 3/32"(2.4)	1,088	2,400	19.5	0.768	301	11-27/32	255	9	2	2.1	4.6	5Pcs/Ctn
ST-66192V	■: Standard blind rivet 1/4"(6.4), 7/32"(5.6), Blind rivet magnalock/monobolt/orlock 3/16"(4.8)	1,695	3,740	15	0.59	306	12-3/64	255	9	2	1.95	4.3	5Pcs/Ctn
ST-6674	■: 1/8"(3.2), 5/32"(4.0), 3/16"(4.8) ■: 1/4"(6.4)	1,140	2,500	16	0.625	280	11-3/8	255	9	3	1.8	4.0	6Pcs/Ctn
ST-6675	■: 3/32"(2.4), 1/8"(3.2), 5/32"(4.0) ■: 3/16"(4.8)	1,000	2,300	16	0.625	287	11-5/16	255	9	3	1.8	4.0	6Pcs/Ctn
ST-6671	■: 3/32"(2.4), 1/8"(3.2), 5/32"(4.0) ■: 3/16"(4.8)	1,000	2,300	16	0.625	287	11-5/16	255	9	3	1.8	4.0	6Pcs/Ctn
ST-6677	■: 1/8"(3.2), 5/32"(4.0), 3/16"(4.8) ■: 1/4"(6.4)	1,723	3,800	23	0.875	317	12-1/2	255	9	3	2.4	5.2	6Pcs/Ctn
ST-6676	■: 1/8"(3.2), 5/32"(4.0), 3/16"(4.8) ■: 1/4"(6.4)	1,723	3,800	23	0.875	317	12-1/2	255	9	3	2.3	5.0	6Pcs/Ctn

* Material : ■ Aluminium+Steel blind rivets ■ Aluminium+Steel+Stainless Steel+Structural blind rivets

★Recommend Air Pressure: 6.2bar (90psi)

Professional Air Riveting Nut Tool / Hydraulic Riveter





ST-RN5005
ST-RN5008
ST-RN5010
Air riveting nut tool
Quick change head
Handle exhaust



ST-RN5106
Air riveting nut tool
Quick change head
Handle exhaust



ST-6901
Air riveting nut tool
Handle exhaust



ST-6902
Air riveting nut tool
Side exhaust



ST-6615 3/16"(4.8 mm)
Air hydraulic riveter



ST-6616 3/16"(4.8 mm)
Air hydraulic riveter



ST-6617 1/4"(6.4 mm)
Air hydraulic riveter



ST-6618 9/32"(7.0 mm)
Air hydraulic riveter



ST-66154 1/4"(6.4 mm)
Air hydraulic riveter
(Vacuum type)



ST-6615K
3/16"(4.8mm) Air hydraulic riveter kit
Contents:

1-Joint nut
2-Air hose joint
(1/4"x1 , 5/16"x1)
1-Oil pot
40-rivets (3/32"x10,
1/8"x10, 5/32"x10,
3/16"x10)
1-Jaw case
1-Jaw case joint

1-Jaw (set)
1-Jaw pusher
1-Jaw pusher spring
1-Valve pusher spring
2-Return spring Ax1 ,Bx1
1-Safety cap
1-Frame cap nut
1-Spanner gauge
1-Spanner

7-Nosepiece
(3/32"x2, 1/8"x2, 5/32"x2, 3/16"x1)
5-Frame O-ring(P12)
2-Frame back up ring
1-Oil piston O-ring
1-Oil piston back up ring
1-Valve pusher O-ring
1-Valve
1-Air piston ring



ST-66154K
1/4"(6.4mm) Air hydraulic riveter
1pc each 1/8",5/32",3/16",3/32"
1/4" Nose piece, collection bottle,
Jaw pusher(3/16"), guide hose
2-Multi-wrenches
1-Deflector

Model No.			Free Speed (rpm)	Air Consumption		Overall Length		Air Inlet (N.P.T)	Net Weight		Packing
				l/min	cfm	mm	inch		kg	lb	
ST-RN5005	M3, M4, M5, 3/16"	M3,M4	3200	230	8	205	8	1/4"	1.48	3.26	10Pcs/Ctn
ST-RN5008	M5, M6, M8, 1/4", 5/16"	M5, M6, 1/4"	1000	230	8	205	8	1/4"	1.5	3.31	10Pcs/Ctn
ST-RN5010	M8, M10, 5/16"	M8, M10, 5/16"	450	230	8	205	8	1/4"	1.5	3.31	10Pcs/Ctn
ST-RN5106	M3, M4, M5, M6, 1/4", 3/16"	M3, M4, M5, 3/16"	700	230	8	200	7-7/8	1/4"	1.26	2.78	10Pcs/Ctn
ST-6901	M3, M4, M5, M6, 1/4", 3/16", 5/32",	3/16",M3,M4,M5	700	230	8	200	7-7/8	1/4"	1.2	2.65	10Pcs/Ctn
ST-6902	M5, M6, M8, M10, 1/4", 5/16", 3/8",	1/4",5/16",M6,M8	450	230	8	210	8-1/4	1/4"	1.8	3.97	10Pcs/Ctn

●Order rule: Adding nut size in the end of model. For example: nut size of M3 for ST-RN5005, order code will be ST-RN5005-M3, and so on.
●All tools are available in both aluminum threaded insert and steel threaded insert.

Model No.	Blind Rivet Setting Capacity inch(mm)	Traction Power		Stroke Length		Air Consumption		Overall Height		Air Inlet (PT)	Air Hose (I.D.)	Jaw	Net Weight		Packing
		kg	lbs	mm	in	l/min	cfm	mm	in				kg	lbs	
ST-6615	■: 3/32"(2.4),1/8"(3.2), 5/32"(4.0) ■: 3/16"(4.8)	720	1,586	14	9/16	255	9	273	10-3/4	1/4"	3/8"	2	1.5	3.3	10Pcs/Ctn
ST-6616	■: 1/8"(3.2), 5/32"(4.0) ■: 3/16"(4.8)	900	1,985	17	11/16	255	9	300	11-3/4	1/4"	3/8"	3	1.5	3.3	10Pcs/Ctn
ST-6617	■: 5/32"(4.0), 3/16"(4.8) ■: 1/4"(6.3)	1,500	3,300	17	11/16	255	9	320	12-1/2	1/4"	3/8"	3	2.4	5.3	6Pcs/Ctn
ST-6618	■: 5/32"(4.0), 3/16"(4.8), 1/4"(6.3) ■: 9/32"(7.0)	2,500	5,500	23	7/8	255	9	400	15-3/4	1/4"	3/8"	3	3.6	8.0	6Pcs/Ctn
ST-66154	■: 3/16"(4.8) ■: 1/4"(6.4) ■: Optional 3/32"(2.4), 1/8"(3.2), 5/32"(4.0)	1,022	2,248	17	11/16	255	9	269	10-9/16	1/4"	3/8"	2	1.95	4.3	8Pcs/Ctn

* Material : ■ Aluminium+Steel blind rivets ■ Aluminium+Steel+Stainless Steel+Structural blind rivets

★Recommend Air Pressure: 6.2bar (90psi)

Professional Air Caulking Gun & Grease Gun



ST-6640 For cartridge
Air caulking gun (metal)



ST-6641 For cartridge
Air caulking gun (plastic)



ST-C630C 400c.c.
Continuous air grease gun



ST-C630CL 500c.c.
Continuous air grease gun



ST-C630 400c.c.
Single-shoot air grease gun

ST-C630L 500c.c.
Single-shoot air grease gun



ST-6636 400c.c.
ST-6636L 500c.c.
Air grease gun



ST-6636-6 400c.c.
ST-6636L-6 500c.c.
6 pcs Air grease gun kit



HT-6101
Grease gun injection head with 100cc grease
Working Temperature (C°): -20° ~ 180°
Weight: 220g (0.48 lbs)
w/ 50°-0.5 mm Dia Nozzle
*Different nozzle size for option
e.g. 90°-0.8 mm, 50°-1.0 mm, 50°-1.4 mm Dia



HT-6101A1
w/ 2 Nozzles 50° -0.5 mm & 90°-0.8 mm Dia



▶ Recommend for mechanical and air tool maintenance.



▶ Nozzle: 50°-0.5mm Dia & 90°-0.8mm Dia

Model No.	Capacity (ml)	Operated Air Pressure (psi)	Air Inlet	Air Hose	Packing
	Cartridge				
ST-6640	300	45~90	1/4"	1/4"	10Pcs/Ctn
ST-6641	310	45~90	1/4"	1/4"	10Pcs/Ctn

Model No.	Capacity		Size (mm L× mmØ)	Container Tube	Input Pressure (working Pressure)		Output Pressure		Packing
	Cartridge Loading	Bulk Loading			psi	bar	psi	bar	
ST-C630	14oz / 400g	450g	410×49.0	Chrome Plated	40 ~ 100	2.8 ~ 6.9	1600 ~ 4000	110 ~ 276	10Pcs/Ctn
ST-C630C	14oz / 400g	450g	410×49.0		40 ~ 100	2.8 ~ 6.9	1600 ~ 4000	110 ~ 276	10Pcs/Ctn
ST-C630L	16oz / 450g	500g	410×57.5		40 ~ 100	2.8 ~ 6.9	1600 ~ 4000	110 ~ 276	10Pcs/Ctn
ST-C630CL	16oz / 450g	500g	410×57.5		40 ~ 100	2.8 ~ 6.9	1600 ~ 4000	110 ~ 276	10Pcs/Ctn
ST-6636	14oz / 400g	450g	410×49.0		40 ~ 100	2.8 ~ 6.9	1600 ~ 4000	110 ~ 276	10Pcs/Ctn
ST-6636L	16oz / 450g	500g	410×57.5		40 ~ 100	2.8 ~ 6.9	1600 ~ 4000	110 ~ 276	10Pcs/Ctn

★Recommend Air Pressure: 6.2bar (90psi)



Pre-filter

- The first filter stage separates particle > 5 µm, condensed water and oil.
- The inside filter element of PE material separates the particles large than 5µm.
- Centrifugal force from Cyclone type filter removes water, oil and impurities.



SA-2354A
1/2" Triple-stage Air Filter
(Sintered Filter, Fine Filter and Activated Charcoal Filter)

Activated Charcoal
For adsorption of oil vapors. Protecting the painter from the harmful vapors and gases.

Micro Filter
The fine filter cartridge of the second filter stage separates smallest particle.
The filter fineness 0.01 µm, separation degree 99.998% related to a particle size > 0.01 µm and surface 300 cm².



SA-2344A
1/2" Double-stage air filter
(Sintered Filter, Fine Filter)



SA-2354-1A
1/2" Air pre-filter



SA-2354-2
1/2" Air micro filter



SA-2354-3
1/2" Air activated Charcoal



SA2354-05
Filter Element
- 5 µm
For SA-2354-1A



SA2354-14
Filter Element
- Activated Charcoal
For SA-2354-3



SA2354-12
Filter element
- 0.01 µm
For SA-2354-2



SA-2363R 3/4"
SA-2383R 1"
Regulator



SA-2361A 3/4"
SA-2381A 1"
Auto drainer



SA-2362A 3/4"
SA-2382A 1"
Auto drainer



SA-2363A 3/4"
SA-2383A 1"
Auto drainer



SA-2362AF&R 3/4"
SA-2382AF&R 1"
Air filter & regulator
(Auto drainer)



SA-2361AF&R 3/4"
SA-2381AF&R 1"
Air filter & regulator
(Auto drainer)



SA-2363AF 3/4"
SA-2383AF 1"
Air filter
(Auto drainer)



SA-2362L 3/4"
SA-2382L 1"
Lubricator

SA-2361M 3/4"
SA-2381M 1"
Manual drainer

SA-2362M 3/4"
SA-2382M 1"
Manual drainer

SA-2363M 3/4"
SA-2383M 1"
Manual drainer

SA-2362MF&R 3/4"
SA-2382MF&R 1"
Air filter &regulator
(Manual drainer)

SA-2361MF&R 3/4"
SA-2381MF&R 1"
Air filter & regulator
(Manual drainer)

SA-2363MF 3/4"
SA-2383MF 1"
Air filter
(Manual dainer)

Model No.	Port Size (PT, NPT)	Filter Element	Adj. Pressure Range (kgf/cm²)	Max. Service Pressure (kgf/cm²)	Maxi Flow (l/min)	Operating Temp Range (°C)	Drain Capacity (ml)	Packing
SA-2344A	1/2"	5 µm+0.01 µm	10	15	2,500	5~60	300	6Pcs/Ctn
SA-2354A	1/2"	5 µm+0.01 µm+Activated Charcoal	10	15	2,500	5~60	300	4Pcs/Ctn
SA-2354-1A	1/2"	5 µm	10	15	2,500	5~60	300	10Pcs/Ctn
SA-2354-2	1/2"	0.01 µm	10	15	2,800	5~60	300	10Pcs/Ctn
SA-2354-3	1/2"	Activated Charcoal	10	15	3,000	5~60	300	10Pcs/Ctn

Model No.	Port (PT, NPT)	Filter Element	Adj. Pressure Range (kgf/cm²)	Max. Service Pressure (kgf/cm²)	Maxi Flow (l/min)	Operating Temp Range (°C)	Drain Capacity (ml)	Oil Capacity (ml)	Recommendable Lubricants	Packing	Type of Constitution Unit		
											Air Filter	Regulator	Lubricator
SA-2361A(M)	3/4"	5µm	0.5-15	17(11)	4,600	5~60	300	300	ISO VG-32	4Pcs/Ctn	SA-2361A(M)F&R		SA-2362L
SA-2362A(M)	3/4"	5µm	0.5-15	17(11)	4,600	5~60	300	300	ISO VG-32	4Pcs/Ctn	SA-2362A(M)F&R		SA-2362L
SA-2363A(M)	3/4"	5µm	0.5-15	17(11)	4,600	5~60	300	300	ISO VG-32	4Pcs/Ctn	SA-2363A(M)F	SA-2363R	SA-2362L
SA-2381A(M)	1"	5µm	0.5-15	17(11)	5,200	5~60	300	300	ISO VG-32	4Pcs/Ctn	SA-2381A(M)F&R		SA-2382L
SA-2382A(M)	1"	5µm	0.5-15	17(11)	5,200	5~60	300	300	ISO VG-32	4Pcs/Ctn	SA-2382A(M)F&R		SA-2382L
SA-2383A(M)	1"	5µm	0.5-15	17(11)	5,200	5~60	300	300	ISO VG-32	4Pcs/Ctn	SA-2383A(M)F	SA-2383R	SA-2382L

★Recommend air pressure: 6.2bar (90psi)



Professional Air Control Unit NEW

Features:

- Big flow up to 6,000 L/min.
- Increase 40% more airflow than traditional models.
- For more convenient usage and setting, guage insert design to save space and without leakage problem.
- Replaceable filter , it is no need to wash and without oxidization problem.
- Standard quality is manual drain ; auto-drain.

SA-CU3022 1/4"
SA-CU3032 3/8"
SA-CU3042 1/2"
Air filter, regulator & lubricator
Manual drain





SA-CU3022-A 1/4"
SA-CU3032-A 3/8"
SA-CU3042-A 1/2"
Air filter, regulator & lubricator
Auto drain

SA-CU3023 1/4"
SA-CU3033 3/8"
SA-CU3043 1/2"
Air filter, regulator & lubricator
Manual drain





SA-CU3023-A 1/4"
SA-CU3033-A 3/8"
SA-CU3043-A 1/2"
Air filter, regulator & lubricator
Auto drain



SA-CU302FR 1/4"
SA-CU303FR 3/8"
SA-CU304FR 1/2"
Air filter, regulator
Manual drain



SA-CU302FR-A 1/4"
SA-CU303FR-A 3/8"
SA-CU304FR-A 1/2"
Air filter, regulator
Auto drain



SA-CU302L 1/4"
SA-CU303L 3/8"
SA-CU304L 1/2"
Air lubricator



SA-CU302R 1/4"
SA-CU303R 3/8"
SA-CU304R 1/2"
Air regulator



SA-CU302F 1/4"
SA-CU303F 3/8"
SA-CU304F 1/2"
Air filter
Manual drain



SA-CU302F-A 1/4"
SA-CU303F-A 3/8"
SA-CU304F-A 1/2"
Air filter
Auto drain

Model No.	Port Size (PT, NPT)	Filter Element	Adj. Pressure Range (kgf/cm²)	Max. Service Pressure (kgf/cm²)	Maxi Flow (l/min)	Operating Temp Range (°C)	Drain Capacity (ml)	Oil Capacity (ml)	Recommendable Lubricants	Type of Constitution Unit		
										Air Filter	Regulator	Lubricator
SA-CU3022(-A)	1/4	5μm	0.5 ~ 8.5	10	3000	5 ~ 60	80	100	ISO VG-32	SA-CU302FR(-A)		SA-CU302L
SA-CU3023(-A)	1/4	5μm	0.5 ~ 8.5	10	3500	5 ~ 60	80	100	ISO VG-32	SA-CU302F(-A)	SA-CU302R	SA-CU302L
SA-CU3032(-A)	3/8	5μm	0.5 ~ 8.5	10	4000	5 ~ 60	80	100	ISO VG-32	SA-CU303FR(-A)		SA-CU303L
SA-CU3033(-A)	3/8	5μm	0.5 ~ 8.5	10	5000	5 ~ 60	80	100	ISO VG-32	SA-CU303F(-A)	SA-CU303R	SA-CU303L
SA-CU3042(-A)	1/2	5μm	0.5 ~ 8.5	10	5250	5 ~ 60	80	100	ISO VG-32	SA-CU304FR(-A)		SA-CU304L
SA-CU3043(-A)	1/2	5μm	0.5 ~ 8.5	10	6000	5 ~ 60	80	100	ISO VG-32	SA-CU304F(-A)	SA-CU304R	SA-CU304L

★Recommend air pressure: 6.2bar (90psi)





SA-2230A 1/4" SA-2240A 1/2"
SA-2230 3/8" SA-2260A 3/4"
Air filter, regulator & lubricator



SA-2220A 1/4"
SA-2220 3/8"
Air filter, regulator & lubricator



SA-2230AF&R 1/4"
SA-2230F&R 3/8"
SA-2240AF&R 1/2"
SA-2260AF&R 3/4"
Air filter & regulator



SA-2230AL 1/4"
SA-2230L 3/8"
SA-2240AL 1/2"
SA-2260AL 3/4"
Air lubricator



SA-2230AF 1/4"
SA-2230F 3/8"
SA-2240AF 1/2"
SA-2260AF 3/4"
Air filter



SA-2201B 1/8"
SA-2201A 1/4"
Air regulator



SA-2220AR 1/4"
SA-2220R 3/8"
Air regulator



SA-2322 1/4"
SA-2323 3/8"
SA-2324 1/2"
Air filter, regulator & lubricator



SA-2312 1/4"
SA-2313 3/8"
SA-2314 1/2"
Air filter, regulator & lubricator



SA-2322F&R 1/4"
SA-2323F&R 3/8"
SA-2324F&R 1/2"
Air filter & regulator



SA-2312L 1/4"
SA-2313L 3/8"
SA-2314L 1/2"
Air lubricator



SA-2312F 1/4"
SA-2313F 3/8"
SA-2314F 1/2"
Air filter



SA-2312R 1/4"
SA-2313R 3/8"
SA-2314R 1/2"
Air regulator



SA-1121 1/8"
SA-1122 1/4"
Mini air filter, regulator & lubricator



SA-1111 1/8"
SA-1112 1/4"
Mini air filter, regulator & lubricator



SA-1121F&R 1/8"
SA-1122F&R 1/4"
Mini air filter & regulator



SA-1111L 1/8"
SA-1112L 1/4"
Mini air lubricator



SA-1111F 1/8"
SA-1112F 1/4"
Mini air filter



SA-1111R 1/8"
SA-1112R 1/4"
Mini air regulator

Model No.	Port Size (PT, NPT)	Filter Element	Adj. Pressure Range (kgf/cm²)	Max. Service Pressure (kgf/cm²)	Maxi Flow (l/min)	Operating Temp Range (°C)	Drain Capacity (ml)	Oil Capacity (ml)	Recommendable Lubricants	Packing	Type of Constitution Unit		
											Air Filter	Regulator	Lubricator
SA-2230A	1/4"	5μm	0.5-8.5	9.5	1,350	5-60	60	90	ISO VG-32	10Pcs/Ctn	SA-2230AF&R		SA-2230AL
SA-2230	3/8"	5μm	0.5-8.5	9.5	1,350	5-60	60	90	ISO VG-32	10Pcs/Ctn	SA-2230F&R		SA-2230L
SA-2240A	1/2"	5μm	0.5-8.5	9.5	3,000	5-60	100	160	ISO VG-32	10Pcs/Ctn	SA-2240AF&R		SA-2240AL
SA-2260A	3/4"	5μm	0.5-8.5	9.5	3,100	5-60	100	160	ISO VG-32	10Pcs/Ctn	SA-2260AF&R		SA-2260AL
SA-2220A	1/4"	5μm	0.5-8.5	9.5	1,000	5-60	60	90	ISO VG-32	10Pcs/Ctn	SA-2230AF	SA-2220AR	SA-2230AL
SA-2230	3/8"	5μm	0.5-8.5	9.5	1,350	5-60	60	90	ISO VG-32	10Pcs/Ctn	SA-2230F	SA-2220R	SA-2230L
SA-2322	1/4"	5μm	0.5-9.9	15	1,750	5~60	80	125	ISO VG-32	12Pcs/Ctn	SA-2322F&R		SA-2312L
SA-2323	3/8"	5μm	0.5-9.9	15	2,500	5~60	80	125	ISO VG-32	12Pcs/Ctn	SA-2323F&R		SA-2313L
SA-2324	1/2"	5μm	0.5-9.9	15	3,000	5~60	80	125	ISO VG-32	12Pcs/Ctn	SA-2324F&R		SA-2314L
SA-2312	1/4"	5μm	0.5-9.9	15	1,750	5~60	80	150	ISO VG-32	12Pcs/Ctn	SA-2312F	SA-2312R	SA-2312L
SA-2313	3/8"	5μm	0.5-9.9	15	2,500	5~60	80	150	ISO VG-32	12Pcs/Ctn	SA-2313F	SA-2313R	SA-2313L
SA-2314	1/2"	5μm	0.5-9.9	15	3,000	5~60	80	150	ISO VG-32	12Pcs/Ctn	SA-2314F	SA-2314R	SA-2314L
SA-1121	1/8"	5μm	0.5-9.9	15	1,000	5~60	15	30	ISO VG-32	30Pcs/Ctn	SA-1121F&R		SA-1111L
SA-1122	1/4"	5μm	0.5-9.9	15	1,100	5~60	15	30	ISO VG-32	30Pcs/Ctn	SA-1122F&R		SA-1112L
SA-1111	1/8"	5μm	0.5-9.9	15	1,000	5~60	15	30	ISO VG-32	24Pcs/Ctn	SA-1111F	SA-1111R	SA-1111L
SA-1112	1/4"	5μm	0.5-9.9	15	1,100	5~60	15	30	ISO VG-32	24Pcs/Ctn	SA-1112F	SA-1112R	SA-1112L

★Recommend air pressure: 6.2bar (90psi)

Spring Balancer



SB-1.2 (0.5~1.2 kg)
SB-2.0 (1.0~2.0 kg)
SB-3.0 (2.0~3.0 kg)
SB-4.0 (3.0~4.5 kg)
Spring balancer



SA-2201 (0.3~0.8 kg)
SA-2203 (0.6~1.5 kg)
SA-2203-1 (1.0~2.0 kg)
SA-2204 (1.5~3.0 kg)
SA-2207 (3.0~5.0 kg)
Spring balancer



SA-2204A (0.8~2.0 kg)
SA-2204B (0.3~1.2 kg)
Nylon rope
Spring balancer



SA-22015
(0.5~1.5 kg)
Spring balancer
Plastic case



SA-22030 (1.5~3.0 kg)
SA-22050 (3.0~5.0 kg)
SA-22070 (5.0~7.0 kg)
Spring balancer



SA-22090 (5~9 kg)
SA-2215 (9~15 kg)
Spring balancer



SA-22220 (15~22 kg)
SA-22300 (22~30 kg)
Spring balancer



SA-22400 (30~40 kg)
SA-22500 (40~50 kg)
SA-22600 (50~60 kg)
SA-22700 (60~70 kg)
Spring balancer



SA-22900 (70~90 kg)
SA-221050 (90~105 kg)
SA-221200 (105~120 kg)
Spring balancer

Model No.	Capacity (kg)	Travel (m)	Rope		Rope Dia (mm)	Net Weight (kg)	Packing
			Sta.	Opt.			
SB-1.2	0.5 ~ 1.2	1.6	Cable		1.6	0.56	20Pcs/Ctn
SB-2.0	1.0 ~ 2.0	1.6	Cable		1.6	0.56	20Pcs/Ctn
SB-3.0	2.0 ~ 3.0	1.6	Cable		1.6	0.56	20Pcs/Ctn
SB-4.0	3.0 ~ 4.5	1.6	Cable		1.6	0.56	20Pcs/Ctn
SA-2201	0.3 ~ 0.8	1.4	Cable	Nylon	2.5	0.41	40Pcs/Ctn
SA-2203	0.6 ~ 1.5	1.4	Cable	Nylon	2.5	0.46	40Pcs/Ctn
SA-2203-1	1.0 ~ 2.0	1.4	Cable	Nylon	2.5	0.53	40Pcs/Ctn
SA-2204	1.5 ~ 3.0	1.4	Cable	Nylon	2.5	0.55	40Pcs/Ctn
SA-2204A	0.8 ~ 2.0	1.4	Nylon		4	0.57	30Pcs/Ctn
SA-2204B	0.3 ~ 1.2	1.4	Nylon		4	0.57	30Pcs/Ctn
SA-2207	3.0 ~ 5.0	1.3	Cable		3.2	0.81	30Pcs/Ctn
SA-22015	0.5 ~ 1.5	1.3	Cable		2	0.73	20Pcs/Ctn
SA-22030	1.5 ~ 3.0	1.3	Cable		3.2	1.73	10Pcs/Ctn
SA-22050	3.0 ~ 5.0	1.3	Cable		3.2	1.82	10Pcs/Ctn
SA-22070	5.0 ~ 7.0	1.3	Cable		3.2	1.85	10Pcs/Ctn
SA-22090	5.0 ~ 9.0	1.3	Cable		4.0	3.59	4Pcs/Ctn
SA-2215	9.0 ~ 15.0	1.3	Cable		4.0	3.61	4Pcs/Ctn
SA-22220	15.0 ~ 22.0	1.5	Cable		4.8	7.1	3Pcs/Ctn
SA-22300	22.0 ~ 30.0	1.5	Cable		4.8	7.9	3Pcs/Ctn
SA-22400	30 ~ 40	1.5	Cable		4.8	9.7	1Pcs/Ctn
SA-22500	40 ~ 50	1.5	Cable		4.8	10.1	1Pcs/Ctn
SA-22600	50 ~ 60	1.5	Cable		4.8	11.1	1Pcs/Ctn
SA-22700	60 ~ 70	1.5	Cable		4.8	11.4	1Pcs/Ctn
SA-22900	70 ~ 90	2.0	Cable		4.8	22.2	1Pcs/Ctn
SA-221050	90 ~ 105	2.0	Cable		4.8	23.8	1Pcs/Ctn
SA-221200	105 ~ 120	2.0	Cable		4.8	27.4	1Pcs/Ctn

Features for SA-22015T8 series :

- Especially for suspending pneumatic tool. By combining with Hose Reel and Spring Balancer, it achieves neat and orderly production line for enhancing the working efficiency.
- The installation is fast and convenient with 360° install hook. In addition, anti-falling steel wire mounting holes are provided, which must be installed to avoid the failure of the original mounting location.
- Plastic housing is aesthetics and easy cleaning. Smooth braided hose provide easy down-pull stroke. Further, a rubber damper also can stop hose at a fixed height.
- Adopting 8.0 mm inner diameter hose to provide enough air flow to air tool and equipment.



SA-22015T8 (0.5~1.5 kg)
SA-22025T8 (1.5~2.5 kg)
SA-22035T8 (2.5~3.5 kg)
SA-22050T8 (3.5~5.0 kg)
SA-22065T8 (5.0~6.5 kg)
Air hose balancer (PU braid hose Dia.8 x 12 mm)



SA-22015T (0.5~1.5 kg)
SA-22030T (1.5~3.0 kg)
SA-22050T (3.0~5.0 kg)
Air PU hose balancer
(PU hose Dia:6.5 x 10 mm)

HR-0181 (5 x 8 mm x 12 M)
HR-0183 (8 x 12 mm x 8 M)
HR-0185 (6.5 x 10 mm x10 M)
Air PU braid hose reel



SA-2206A (5x8 mm x 2 M)
Air PU hose reel



Model No.	Capacity (kg)	Net Weight (kg)	Travel (m)	Hose Type	Hose Dia (mm)	Air Inlet	Packing
SA-22015T8	0.5 ~ 1.5	2.2	1.3	PU Braid	8 x 12	3/8"	6Pcs/Ctn
SA-22025T8	1.5 ~ 2.5	2.3	1.3	PU Braid	8 x 12	3/8"	6Pcs/Ctn
SA-22035T8	2.5 ~ 3.5	2.4	1.3	PU Braid	8 x 12	3/8"	6Pcs/Ctn
SA-22050T8	3.5 ~ 5.0	2.4	1.3	PU Braid	8 x 12	3/8"	6Pcs/Ctn
SA-22065T8	5.0 ~ 6.5	2.5	1.3	PU Braid	8 x 12	3/8"	6Pcs/Ctn
SA-22015T	0.5 ~ 1.5	1.8	1.4	PU Braid	6.5 x 10	1/8"	6Pcs/Ctn
SA-22030T	1.5 ~ 3.0	1.9	1.4	PU Braid	6.5 x 10	1/8"	6Pcs/Ctn
SA-22050T	3.0 ~ 5.0	2.1	1.4	PU Braid	6.5 x 10	1/8"	6Pcs/Ctn

Model No.	Hose Size (mm)		Max. Working Pressure		Burst Pressure		Hose Length		Hose Type	Working Temperature (°C)	Hose Color	Case Color	Packing
	I.D.	O.D.	psi	bar	psi	bar	ft	m					
HR-0181	5	8	200	14	800	56	40	12	PU	-5 ~ +60	Blue	Blue	5Pcs/Ctn
HR-0183	8	12	200	14	800	56	27	8	PU	-5 ~ +60	Blue	Blue	5Pcs/Ctn
HR-0185	6.5	10	200	14	800	56	33	10	PU	-5 ~ +60	Blue	Blue	5Pcs/Ctn
SA-2206A	5	8	100	7	400	28	6.6	2	PU	-5 ~ +60	Blue	Grey	10Pcs/Ctn

★ Max travel 1.0 Mpa(10kgf/cm²)

Professional Air Hose Reel



HR121008 (6.5 x 10mm x 8M)
HR121010 (6.5 x 10mm x 10M)
HR121012 (6.5 x 10mm x 12M)
HR121208 (8 x 12mm x 8M)
Plastic Case



HR041010 (6.5 x 10mm x 10M)
HR041015 (6.5 x 10mm x 15M)
HR041210 (8.0 x 12mm x 10M)
HR041212 (8.0 x 12mm x 12M)
HR041215 (8.0 x 12mm x 15M)
HR0414510 (10 x 14mm x 10M)
Metallic Case



HR300715 (6.5 x 10mm x 15M)
HR300810 (8 x 12mm x 10M)
HR300812 (8 x 12mm x 12M)
HR300815 (8 x 12mm x 15M)
HR301010 (9.5 x 13.5mm x 10M)
HR301015 (9.5 x 13.5mm x 15M)

HR310718 (6.5 x 10mm x 18M)
HR310720 (6.5 x 10mm x 20M)
HR310818 (8 x 12mm x 18M)
HR310820 (8 x 12mm x 20M)
HR311018 (9.5 x 13.5mm x 18M)
HR311020 (9.5 x 13.5mm x 20M)
Metallic Case



HR021030 (6.5 x 10.0mm x 30M)
HR021050 (6.5 x 10.0mm x 50M)
HR021220 (8.0 x 12.0mm x 20M)
HR021230 (8.0 x 12.0mm x 30M)
HR021240 (8.0 x 12.0mm x 40M)



HR024020 (8.5 x 12.5mm x 20M)
HR024030 (8.5 x 12.5mm x 30M)
HR0213520 (9.5 x 14.5mm x 20M)
HR0213530 (9.5 x 14.5mm x 30M)
HR0214520 (10.0 x 15mm x 20M)

Model No.	Hose Size (mm)		Max. Working Pressure		Burst Pressure		Hose Length		Hose Type	Working Temperature (°C)	Hose Color	Case Color	Packing
	I.D.	O.D.	psi	bar	psi	bar	ft	m					
HR121008	6.5	10	220	15	880	60	27	8	PU Braid	-5 ~ +60	Yellow	Yellow	6Pcs/Ctn
HR121010	6.5	10	220	15	880	60	33	10		-5 ~ +60	Yellow	Yellow	6Pcs/Ctn
HR121012	6.5	10	220	15	880	60	40	12		-5 ~ +60	Yellow	Yellow	6Pcs/Ctn
HR121208	8	12	220	15	880	60	27	8		-5 ~ +60	Yellow	Yellow	6Pcs/Ctn
HR041010	6.5	10	220	15	880	60	33	10		-5 ~ +60	Blue	Yellow	2Pcs/Ctn
HR041015	6.5	10	220	15	880	60	50	15		-5 ~ +60	Blue	Yellow	2Pcs/Ctn
HR041210	8	12	220	15	880	60	33	10		-5 ~ +60	Blue	Yellow	2Pcs/Ctn
HR041212	8	12	220	15	880	60	40	12		-5 ~ +60	Blue	Yellow	2Pcs/Ctn
HR041215	8	12	220	15	880	60	50	15		-5 ~ +60	Blue	Yellow	2Pcs/Ctn
HR0414510	10	14	220	15	880	60	33	10		-5 ~ +60	Blue	Yellow	2Pcs/Ctn
HR300715	6.5	10	220	15	880	60	50	15		-5 ~ +60	Blue	Blue	3Pcs/Ctn
HR300810	8	12	220	15	880	60	33	10		-5 ~ +60	Blue	Blue	3Pcs/Ctn
HR300812	8	12	220	15	880	60	40	12		-5 ~ +60	Blue	Blue	3Pcs/Ctn
HR300815	8	12	220	15	880	60	50	15		-5 ~ +60	Blue	Blue	3Pcs/Ctn
HR301010	9.5	13.5	220	15	880	60	33	10		-5 ~ +60	Blue	Blue	4Pcs/Ctn
HR301015	9.5	13.5	220	15	880	60	50	15		-5 ~ +60	Blue	Blue	2Pcs/Ctn
HR310718	6.5	10	220	15	880	60	60	18		-5 ~ +60	Blue	Blue	2Pcs/Ctn
HR310720	6.5	10	220	15	880	60	65	20		-5 ~ +60	Blue	Blue	2Pcs/Ctn
HR310818	8	12	220	15	880	60	60	18		-5 ~ +60	Blue	Blue	2Pcs/Ctn
HR310820	8	12	220	15	880	60	65	20		-5 ~ +60	Blue	Blue	2Pcs/Ctn
HR311018	9.5	13.5	220	15	880	60	60	18		-5 ~ +60	Blue	Blue	2Pcs/Ctn
HR311020	9.5	13.5	220	15	880	60	65	20		-5 ~ +60	Blue	Blue	2Pcs/Ctn
HR021030	6.5	10	220	15	880	60	100	30		-5 ~ +60	Blue, Red, Orange	Black, Red	1Pcs/Ctn
HR021050	6.5	10	220	15	880	60	165	50		-5 ~ +60	Blue, Red, Orange	Black, Red	1Pcs/Ctn
HR021220	8	12	220	15	880	60	66	20		-5 ~ +60	Blue, Red, Orange	Black, Red	1Pcs/Ctn
HR021230	8	12	220	15	880	60	100	30		-5 ~ +60	Blue, Red, Orange	Black, Red	1Pcs/Ctn
HR021240	8	12	220	15	880	60	132	40		-5 ~ +60	Blue, Red, Orange	Black, Red	1Pcs/Ctn
HR0213520	9.5	14.5	220	15	880	60	66	20		-5 ~ +60	Blue	Black, Red	1Pcs/Ctn
HR0213530	9.5	14.5	220	15	880	60	100	30		-5 ~ +60	Blue	Black, Red	1Pcs/Ctn
HR0214520	10	15	220	15	880	60	66	20		-5 ~ +60	Blue	Black, Red	1Pcs/Ctn
HR024020	8.5	12.5	220	15	880	60	66	20		-5 ~ +60	Blue	Black, Red	1Pcs/Ctn
HR024030	8.5	12.5	220	15	880	60	100	30		-5 ~ +60	Blue	Black, Red	1Pcs/Ctn





SA-6600F
Tire inflator w/gauge
(220 psi /15 Bar)



SA-6605
Tire inflator / deflator
(220 psi)



SA-6606
Tire inflator gauge
(150 psi /10 kg)



SA-6612
3-function tire gauge
200 psi /14 kg



ST-TC300 30 cm rubber hose
ST-TC302 85 cm rubber hose
3 in1 digital tire inflator
200 psi



ST-TC303 85 cm rubber hose,
12" dual chuck
3 in1 digital tire inflator
200 psi

SA-6612-3.5
with 3.5" gauge
200psi /14 kg





ST-TC304 for bicycle
3 in1 digital tire inflator
200 psi



AC-1001
5/16" I.D. hose
chuck (Brass)



SA-3363
Tire chuck w/ steel pipe



SA-33640Z
Dual head tire chuck
(Zinc)



SA-33682
10" dual head tire
chuck w/1/4" female
fitting (Zinc)



TC-3
Air tire chuck w/5/16"
(I.D.)
PVC hose (1ft)

Connector type:



A=Aro



N=Nitto



M=Milton



E=Orion



Quick-Change Air Twister Cleaning Gun NEW

Quick Change Bottle. 2X the Power. Efficient.

Features:

- Perfect for cleaning hard-to-reach areas like headliners, upholstery, door sills and panels, ventilation shafts, shift boots, dashboards, and door storage compartments.
- Cleans and air dries in seconds.
- Replaced Teflon tube easily with better structure design.
- Low wear and maintenance.
- Low detergent use means lower running costs and energy savings.
- Flexible suction tube with unique bottle provide cleaning angle at 360°





Upgraded Large-Diameter PU Tube made in Japan
(for SA-CL500 SA-CL501)
Stronger pulsed air blasts remove stubborn dust, grease, and debris for faster cleaning and longer life.



Alu. rotating tube set (for SA-CL502)
Includes sealed ball bearings to reduce wear. Since rotate set no touches the cone nozzle, it offers longer life and lower vibration.



Powerful big nozzle tube



Regular size

Strong Durable Composite Nozzle (for SA-CL500)



Air Flow Regulator
Optimally doses detergent and adapts to various environments and applications.

Quick-Change Bottle System
500ml and 1000ml Quick-change bottles improves cleaning efficiency and saves time.
Instantly switch to a powerful blow gun — one tool, two functions.

360° Air Inlet



Pull-connect sleeve



Blow gun function

Quick-Change Bottle System
500ml and 1000ml Quick-change bottles improves cleaning efficiency and saves time.
Instantly switch to a powerful blow gun — one tool, two functions.





500ml Bottle Cap Kit (OD27.4 pitch 3mm)



Scan me!

SA-CL500-K Composite Nozzle PU Tube

Contents:
- SA-CL500 (includes 1000ml bottle)
- 1000ml bottle cap x 1
- 500ml bottle x 2
- 500ml bottle cap kit x 1



Quick-Change Air Twister Cleaning Gun / Blow Gun NEW





SA-CL501-K Nylon Nozzle PU Tube

Contents:
- SA-CL501 (includes 1000ml bottle)
- 1000ml bottle cap x 1
- 500ml bottle x 2
- 500ml bottle cap kit x 1



SA-CL502-K Nylon Nozzle Alum. Tube

Contents:
- SA-CL502 (includes 1000ml bottle)
- 1000ml bottle cap x 1
- 500ml bottle x 2
- 500ml bottle cap kit x 1

Air Twister Blow Gun:



SA-BG500 Composite Nozzle PU Tube



SA-BG501 Nylon Nozzle PU Tube



SA-BG502 Nylon Nozzle Alum. Tube

Model No.	Free Speed (rpm)	Capacity of bottle (ml)	Air Inlet (PT)	Air Hose (ID)	Air Consumption		Overall Length		Net Weight (w/1L bottle)		Recommend Air Pressure		Packing
					l/min	cfm	mm	in	kgs	lbs	Kg/cm²	psi	
SA-CL500-K	5,000	500, 1000	1/4"	1/4"	120	4.24	320	12-3/5	0.64	1.41	6.3	90	8set/Ctn
SA-CL501-K	5,000	500, 1000	1/4"	1/4"	120	4.24	320	12-3/5	0.64	1.41	6.3	90	8set/Ctn
SA-CL502-K	6,000	500, 1000	1/4"	1/4"	120	4.24	320	12-3/5	0.65	1.43	6.3	90	8set/Ctn
SA-BG500	5,000	-	1/4"	1/4"	160	5.6	235	9-1/4	0.29	0.64	6.3-8.4	90-120	20Pcs/Ctn
SA-BG501	5,000	-	1/4"	1/4"	160	5.6	235	9-1/4	0.29	0.64	6.3-8.4	90-120	20Pcs/Ctn
SA-BG502	6,000	-	1/4"	1/4"	120	4.24	235	9-1/4	0.32	0.71	6.3-8.4	90-120	20Pcs/Ctn

Professional Air Duster / Vacuum Gun / Blow Gun

Features:

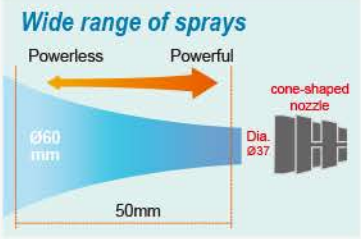
- Suitable for effortless and effective dust removal and dewatering after cleaning.
- Pocket-size and lightweight blow gun convenient for carrying and moving around your worksite.

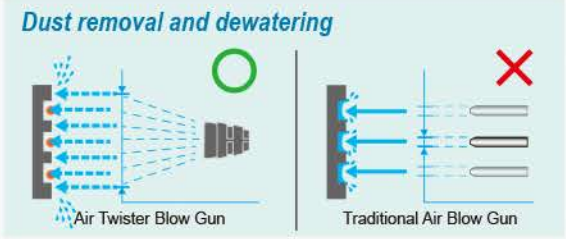






SA-BG900
Pocket type
Air twister blow gun



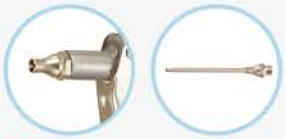


DG-10-1
Air duster w/1" nozzle
Max. pressure:
120 psi (8.3 bar)
Air Inlet: 1/4"





DG-10-2
Air duster w/2" nozzle



DG-10L
Air duster w/2 nozzles (1"&4")



SA-1031
High volume blow gun



Scan me!

SA-5505B
Air blow & vacuum gun kit
Alum. gun body



SA-5300
Composite air vacuum gun kit
Inc.3 nozzles,extension tube,
12" flexible hose & vacuum
Dust bag (box package)

SA-5300K
Blow case package



Model No.	Free Speed (r.p.m)	Working Pressure (psi)	Air Inlet (PT)	Air Consumption		Overall Length		Net Weight		Packing
				l/min	cfm	mm	in	kg	lbs	
SA-BG900	6,000	50~90	1/4"	80	2.8	150 x 96	6 x 3-7/9	0.14	0.31	50Pcs/Ctn
SA-BG900B	5,000	90~120	1/4"	80	2.8	148 x 42	5-5/6 x 1-1/2	0.14	0.31	50Pcs/Ctn

Model No.	Overall Length (Gun body)		Suction (With dust bag)	Air Inlet (PT)	Min. Hose Size	Air Consumption		Net Weight		Packing
	mm	in				l/min	cfm	kg	lbs	
SA-5505B	145	5~5/7	-	1/4"	5/16"	340	12	0.7	1.54	20Pcs/Ctn
SA-5300	145	5~5/7	9cmHg	1/4"	5/16"	340	12	0.7	1.54	20Pcs/Ctn

★Recommend air pressure: 6.2bar (90psi)

Professional High Flow Air Blow Gun

Features of SA-5902 Series:

- Air Inlet: 3/8"
- Max. Pressure: 250 psi (17.2 bar)
- Aluminum body
- Light weight and durable
- Meets or exceeds OSHA regulations
- Apply to clean big grain, heavy dust, deep and large area task



SA-5902N(M)(E)
Noise reduction nozzle



SA-5902N(M)(E)-1
Adjustable nozzle



SA-5902N(M)(E)-2
Centralized nozzle



SA-5902N(M)(E)-3
High flow nozzle



SA-5902N(M)(E)-300
300 mm-tube

SA-5902N(M)(E)-900
900 mm-tube

SA-5902N(M)(E)-1200
1200 mm-tube



NEW
SA-5902(N)(M)(E)-4
w/ Low noise rubber nozzle

Features of SA-5930 Series:

- Air Inlet: 1/4"
- Max. Pressure: 215 psi (14.8 bar)
- Aluminum reinforced inlet.
- Plastic POM gun body, light weight and durable.
- Long life time: It is up-down type valve structure design and it can reduce the wear of spring.
- Therefore the life time can be longer.



SA-5930N(M)(E)
50 mm-tube



SA-5930N(M)(E)-120
120 mm-tube



SA-5930LN(M)(E)
250 mm-tube



SA-5930N(M)(E)-2
w/safety nozzle



SA-5930N(M)(E)-5
w/adjustable safety nozzle



SA-5930N(M)(E)-1
w/quick safety nozzle



SA-5930N(M)(E)-10
w/rubber tip
50 mm steel tube



SA-5930N(M)(E)-11
w/rubber tip,
100 mm steel tube



SA-5930N(M)(E)-20
High volume, w/safety nozzle



SA-5930N(M)(E)-21
Plastic nozzle



SA-5930N(M)(E)-22
Plastic high flow nozzle



SA-5930N(M)(E)-23
Plastic radial blowing nozzle



NEW
SA-5930 (N)(M)(E)-12
w/ Low noise rubber nozzle

Connector type:



A=Aro



N=Nitto



M=Milton



E=Orion

SA-5940-300 260 mm-Tube
SA-5940-600 570 mm-Tube
SA-5940-900 870 mm-Tube
SA-5940-1200 1180 mm-Tube
High volume blow gun
Max. pressure: 120 psi (8.3 bar)
Air inlet: 1/4"

Professional Air Blow Gun



Zinc Thread

SA-5801Z Air blow gun series :
- body / trigger material: plastic POM(Polyxymethylene)
- tube: steel material, Ø8mm Dia.
- working pressure: 75~120PSI (5~8kg)
- max pressure: 150PSI



SA-5801ZN(M)(E)
w/Zinc thread
(100 mm-Tube)

SA-5801ZN(M)(E)-300
w/Zinc thread
(300 mm-Tube)

SA-5801ZN(M)(E)-500
w/Zinc thread
(500 mm-Tube)



Low Noise

NEW

SA-5801Z (N)(M)(E)-12
w/ Low noise rubber nozzle

SA-5801ZN(M)(E)-11
w/Zinc thread
Rubber Head



SA-5801ZN(M)(E)-13
w/Zinc thread
Safety head



SA-5801ZN(M)(E)-14
w/Zinc thread
3 fuctions (Air blow,
Tire Inflater & safety nozzle)



SA-5801ZN(M)(E)-15
w/Zinc thread
For blind hole



SA-5801ZN(M)(E)-16
w/Zinc thread
Increased air flow



SA-5801ZN(M)(E)K
10Pcs Air blow gun kit
(100 mm Tube) In Display Unit

Connector type:



A=Aro



N=Nitto



M=Milton



E=Orion





SA-3320
Air blow gun w/2pcs nozzle





SA-3320K
Air blow gun kit



SA-3321
High volume blow gun



SA-3320H
Air seat blow gub kit
(3.5 m memory recoil
air hose 1/4" O.D.)



SA-5800N(M)(E)
100 mm-tube
Ø6 mm Dia. tube



SA-5800N(M)(E)-300
300 mm-tube
Ø6 mm Dia. tube



SA-5910N(M)(E)
High flow adjustable blow gun
(100 mm tube) -Nylon body

SA-5910N(M)(E)-350
High flow adjustable blow gun
(350 mm tube) -Nylon body



SA-5600
Dryer blow gun
Variable air flow.
Working pressure : 2-4 bar
Air consumption at 4 bar : 350 L/min
Weight : 460g
Sound pressure at 4 bar : 72 dB



SA-5710
Stationary type dryer jet Stand
w/2set of adapter &
hose 360° to operate
Length of pole : 89cm
Length of foot shelf :
96 cm(dia.)





SA-5910N(M)(E)-11
NEW **SA-5910(N)(M)(E)-12** w/ Low noise rubber nozzle
High flow adjustable blow gun
Nylon body



SA-3325N w/Nitto plug
SA-3325M w/Milton plug
SA-3325E w/Orion plug
Adjustable air blow gun
Alum. housing

Connector type:



A=Aro N=Nitto M=Milton E=Orion

Air Accessories



SA-2003
1/4" male x 1/4" female regulator (Brass)



SA-2003A
1/4" male x 1/4" female regulator (Aluminum)



SA-2003B
1/4" male x 1/4" female regulator (Zinc)



SA-4490
1/4" swivel connector



SA-4491
1/4" swivel connector w/regulator



39R20A
1/4"M x 1/4"F universal swivel air inlet joint w/regulator



3920A
1/4"M x 1/4"F universal swivel air inlet joint (Alum. alloy)



SA-2001A (Alum.)
SA-2001B (Zinc)
1/4" air regulator



SA-20082A
1/4"air regulator



SA-20102A
1/4" air regulator



SA-2012
1/4" air regulator



DA-2001B
1/4" air regulator w/digital guage Aulm. body



DA-2002B
1/4" air regulator w/digital guage Zinc body



DA-2003B
1/4" air regulator w/digital guage Plastic body



SA-3341 1/4"
Mini oiler (Alum.)



SA-3330A 3/8"
SA-3340A 1/4"
Mini oiler (Alum.)



SA-2202
oil & water separator



SA-2002A
oil & water separator



SA-2002B
oil & water seperator



SA-1036
Engine cleaning gun w/4ft suction hose



SA-3380
Air engine cleaning gun



SA-5513
Air under coating gun



SA-5500
Engine cleaning gun



SA-1032
Engine cleaning gun w/700c.c. tank

Suction Cup & Vacuum Dent Puller



SC-9601P08 8"
SC-9601P09 9"
Pump vacuum suction cup
w/brass handle



SC-9601P08A
Pump vacuum suction cup
w/plastic handle

SC-9601 Ø125mm
Single suction cup
w/spherical rubber pad

SC-9601J Ø100mm
Single suction cup
w/spherical rubber pad

SC-9601K Ø75mm
Single suction cup
w/spherical rubber pad





SC-002
Single suction cup
plastic housing



SC-9801A
Single suction cup
chrom plated



SC-9602
Suction cup
dual. cap



SC-9602A
Suction cup
Adjustable dual. grip



SC-001
2pc double suction cup
Set w/ratchet tire down

SC-001-1
1pc Double suction cup



SC-9803
Suction cup-3 grips fix style
Nickel plated



SC-9804
Suction cup-4 grips fix style
Nickel plated





SC-9901A
Pneumatic vacuum dent puller

Model No.	Weight (g)	Capacity (kg)	Diameter (Ømm)	Description
SC-9601P08	2,000	100	200	Pump Vacuum Suction Cup
SC-9601P09	2,300	120	230	Pump Vacuum Suction Cup
SC-9601P08A	850	80	200	Pump Vacuum Suction Cup
SC-9601	450	20	125	Spherical Cap
SC-9601J	380	15	100	Spherical Cap
SC-9602	650	50	117	Dual Cap
SC-001	1,650	150	118	Dual Cap

Model No.	Weight (g)	Capacity (kg)	Diameter (Ømm)	Description
SC-9601K	350	10	75	Spherical Cap
SC-002	330	40	118	Single cup - flat
SC-9801A	470	40	123	Single cup
SC-9602A	1,150	35	117	Adjustable Dual Grip
SC-001-1	700	75	118	Dual Cap
SC-9803	1,340	100	123	Three-grip Fix Style.To Plate With Chromium
SC-9804	1,840	120	123	Suction Cup-4 Grips Fix Style

Model No.	PAD Thread	Adsorption	Exhaust	Noise Level (dB)	Sliding Hammer		Overall Length		Tool Weight		Working Air Pressure		Air Inlet (PT)	Packing
					kg	lbs	mm	in	kg	lbs	psi	bar		
SC-9901A	M18	Pneumatic	Upper	78	1.22	2.64	630	24-4/5	2.8	6.1	90	6.2	1/4"	3Pcs/Ctn



Transducerized Screwdriver



Electric Screwdrivers



Cordless Tools



Automatic Screw Feeder



Industrial Air Screwdriver



Industrial Aviation tools



Oil Pulse Tools



Compressors & Air Pump



Industrial Air Sander



Torque Wrench



Air Nailer & Air Stapler



Impact Sockets

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ISO 9001

Certificate TW04/02301QA

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2601
CATA-STG26