

# AIR TOOLS

## PROFESSIONAL & INDUSTRIAL

ISO 9001



Certificate TW04/02301



# SUMAKE<sup>®</sup>

MAKE JOBS BETTER THAN EVER

CE

# Sumake Company Profile

Sumake is a manufacturer and exporter specializing in professional high quality pneumatic tools, compressors and accessories suited to a wide range of applications including industrial and automotive.

We are an innovative company.

As a result of constant research and investment we keep at the forefront of current technology and design, thus providing energy efficient, durable and reliable products to industrial markets around the world.

We offer a wide and comprehensive range of CE certified tools and accessories including: Impact Wrenches,

Ratchet Wrenches, Sanders, Screwdrivers, Spray Guns, Riveters, Nail Guns and Bradders, just to name a few.

Our compressor facility located near Shanghai(China) is a joint venture with Lacme (France) exporting the highest quality cast iron pumps & Belt Compressors globally.

Certified to ISO 9001 we run efficient well organized computerised Q.C.systems that ensure we meet quality, packaging and delivery benchmarks.

We guarantee our customers complete spare parts back up for everything we provide.

Superior service to our customers is not a goal, it's a reality.

Sumake, partners in business.



SUMAKE attended many international exhibitions and has been known for a various high-end innovations with vivid posters. Our spotlighted showcase not only catches your eye but provides hands-on experiences in person.



Our experienced R&D team provides advanced know-how, improved techniques and innovation design.



Factory equipped with complete machines and equipments ensures top quality.

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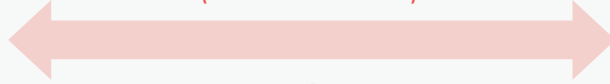
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# Professional Composite Air Impact Wrench



**Only 175mm in tool length!**  
(For ST-C5444S)



## 1 Powerful Torque

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

## 5 Adjustable Torque

- Embedded design of the torque switch to prevent torque changing accidentally.
- Three forward power setting; Full power reverse.

## 2 Magnesium Alloy

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



## 6 Blades With Spring Attachment

- High precision machined steel alloy casting motor cylinder enables the long durability 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.



## 3 Sensitive trigger enable the Multi-Speed control

## 4 Comfort Design

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

## 7 360° Air Inlet, Handle Exhaust Design

More convenient for all circumstance.



**ST-C5444S** 1/2" Dr.

Max Torque:  
1,491 Nm (1,100 ft-lb)  
Twin Hammer

*Magnesium front case and back cover*



**ST-C5733S** 3/4" Dr.

Max Torque:  
1,491 Nm (1,100 ft-lb)  
Twin Hammer

*Magnesium front case and back cover*



**ST-C554S** 1/2" Dr.

Max Torque:  
1,355 Nm (1,000 ft-lb)  
Twin Hammer



**ST-C573S** 3/4" Dr.

Max Torque:  
1,355 Nm (1,000 ft-lb)  
Twin Hammer

## Specification:

★Recommend Air Pressure: 6.2bar (90psi)

Model No.	Square Drive (inch)	Capacity Bolt Size		Free Speed (r.p.m.)	Working Torque		Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
		mm	inch		N-m	ft-lb	N-m	ft-lb	mm	in			l/min	cfm	kgs	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	10Pcs/Ctn/19.3/1.4'
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	10Pcs/Ctn/26.5/1.6'
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	10Pcs/Ctn/25.8/1.5'
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	10Pcs/Ctn/25/1.6'



# Professional Composite Air Impact Wrench

- 1 Ergonomic composite side handle design.
- 2 Twin hammer / Pinless clutch impact mechanism with tremendous torque output.
- 3 Magnesium front case design for reducing the tool weight.
- 4 Powerful motor set
- 5 One-piece design of the body housing & back grip handle for reduce the size and weight.
- 6 Inner trigger or optional outer trigger.



7.5 kg  
Light weight

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



7 Easy-Access F/R regulator design provides 3 torque settings in forward and 1 (full) torque setting in reverse.

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



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

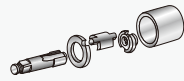
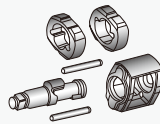
ST-C5844 1" Dr.  
 Max Torque: 2,101 Nm (1,550 ft-lb)  
 Twin Hammer  
 Magnesium front case and back cover

3.0 kg  
Light weight



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

ST-IW1481 1" Dr. w/2" Anvil  
 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



5.75 kg  
Light weight

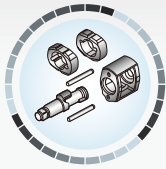
## Specification:

★ Recommend Air Pressure: 6.2bar (90psi)

Model No.	Square Driver (inch)	Std. Bolt Size		Free Speed (r.p.m.)	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
		mm	inch		N-m	ft-lb	mm	inch			l/min	cfm	kgs	lbs	
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/17/1.3'
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/20/1.3'
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/20/1.3'
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/17/1.3'
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/20/1.3'
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/15.3/0.9'
ST-C553	1/2	M18	11/16	11,000	746	550	160	6-3/10	1/4"	3/8"	430	15	1.3	2.8	10Pcs/Ctn/15.7/0.9'
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/24.3/1.3'
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/26.2/1.8'
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/26/1.5'
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/21.8/1.7'
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/21.8/1.7'
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/25.9/1.65'
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/22/1.3'
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/25.9/1.65'
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/22/1.3'



# Industrial Air Impact Wrench



## 1 Twin Hammer Mechanism

- Powerful torque
- Precision machined with longer lifespan

**ST-C555** 1/2" Dr.  
Max. Torque:  
1,695 Nm (1,250 ft-lb)

**ST-C575** 3/4" Dr.  
Max. Torque:  
1,695 Nm (1,250 ft-lb)  
Composite Housing



## 2 Patented One-Hand F/R Switch System

Easy manual switch over forwarded and reversed.-



## 3 Adjustable Torque

- Four phase of the torque setting in forward
- Powerful reversing torque continuously.

## 4 Comfortable Composite Handle

- Ergonomic and comfortable grips bring less tiring for the operators.
- Rubber Composite Handle could absorb vibration better.

## 5 Handle Exhaust With Muffler

**ONE - HAND**

**Industrial**



**ST-C539** 3/8" Dr.  
Max. Torque: 751 Nm (554 ft-lb)

**ST-C559** 1/2" Dr.  
Max. Torque: 814 Nm (600 ft-lb)  
Composite Housing

**ONE - HAND**

**Industrial**



**ST-C556** 1/2" Dr.  
Max. Torque:  
1,356 Nm (1,000 ft-lb)  
Composite Housing

**ONE - HAND**

**Industrial**



**ST-C579** 3/4" Dr.  
Max. Torque: 2,712 Nm (2,000 ft-lb)

**ST-C589** 1" Dr.  
Max. Torque: 2,848 Nm (2,100 ft-lb)  
Composite Housing

## 1 Twin Hammer Mechanism

Enhanced durability, steady torque and low vibration. Ultra short length 85mm only.



## 2 Forward & Reverse Switch

## 3 360° Free Swivel Handle

Easily press the trigger in any position.



**NEW**

**85mm**



**ST-IW7130** 3/8" Dr.  
**ST-IW7140** 1/2" Dr.  
500 Nm (369 ft-lb)

## 4 120° Bend-over Hammer Head

It can forward 60° and backward another 60°, to reach the target bolt freely, even in a narrow limited space.

**Gearless Angle Head**



**ST-IW4130** 3/8" Dr.  
339 Nm (250 ft-lb)

**ST-IW4140** 1/2" Dr.  
407 Nm (300 ft-lb)  
Jumbo Hammer

**Industrial**



**ST-5235** 3/8" Dr.  
217 Nm (160 ft-lb)

**ST-5245** 1/2" Dr.  
244 Nm (180 ft-lb)  
Jumbo Hammer

## ★ Patented Technology Double Air Intake

High efficiency motor provides maximum air intake and faster exhaust. Greatly improve rotor efficiency and reach high peak.

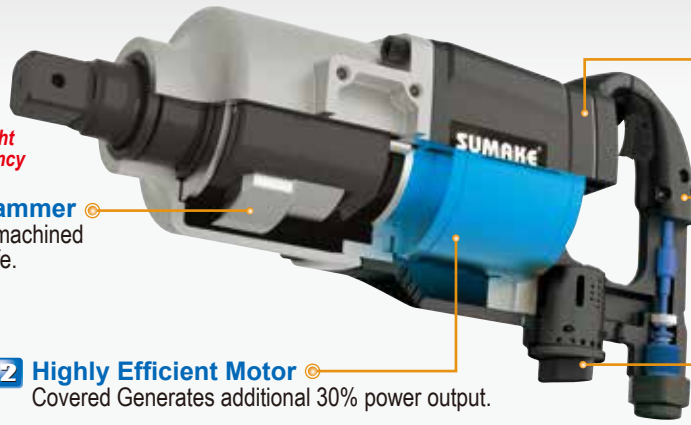
## Specification:

★ Recommend Air Pressure 6.2 bar (90psi)

Model No.	Square Drive (inch)	Free Speed (r.p.m)	Max Torque		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Overall Length		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
			Nm	ft-lb			l/min	cfm	mm	inch	kgs	lbs	
ST-C555	1/2	8,000	1,695	1,250	1/4"	3/8"	480	17	197	7-3/4	2.30	5.07	8Pcs/Ctn/21/1.3'
ST-C575	3/4	8,000	1,695	1,250	1/4"	3/8"	480	17	211	8-1/3	2.36	5.20	4Pcs/Ctn/11.9/1.1'
ST-C539	3/8	10,000	751	554	1/4"	3/8"	430	15	182	7-1/6	1.21	2.67	8Pcs/Ctn/12/1.03'
ST-C559	1/2	10,000	814	600	1/4"	3/8"	480	17	182	7-1/6	1.22	2.69	8Pcs/Ctn/12/1.03'
ST-C556	1/2	8,000	1,356	1,000	1/4"	3/8"	480	17	192	7-5/9	1.85	4.08	8Pcs/Ctn/10.6/1.3'
ST-C579	3/4	6,000	2,712	2,000	3/8"	1/2"	540	19	222	8-3/4	3.70	8.16	4Pcs/Ctn/11.9/1.1'
ST-C589	1	6,000	2,848	2,100	3/8"	1/2"	540	19	227	9	3.90	8.60	4Pcs/Ctn/18.1/1.24'
ST-IW7130	3/8	8,500	500	369	1/4"	3/8"	400	14	275	10-4/5	1.39	3.06	10Pcs/Ctn/16.7/1.33'
ST-IW7140	1/2	8,000	500	369	1/4"	3/8"	400	14	275	10-4/5	1.33	2.95	10Pcs/Ctn/16.7/1.33'
ST-IW4130	3/8	6,500	339	250	1/4"	3/8"	400	14	248	9-3/4	1.35	2.98	12Pcs/Ctn/19.8/1'
ST-IW4140	1/2	6,500	407	300	1/4"	3/8"	400	14	248	9-3/4	1.40	3.09	12Pcs/Ctn/19.8/1'
ST-5235	3/8	7,000	217	160	1/4"	3/8"	400	14	341	13-3/7	1.80	3.97	10Pcs/Ctn/21/1.13'
ST-5245	1/2	7,000	244	180	1/4"	3/8"	400	14	341	13-3/7	1.80	3.97	10Pcs/Ctn/21/1.13'



# 3/4" & 1" Industrial Air Impact Wrench



**1 Excellent Twin Hammer**  
Design with precision machined parts to extended tool life.

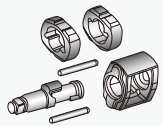
*Light weight  
High efficiency*

**2 Highly Efficient Motor**  
Covered Generates additional 30% power output.

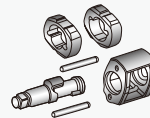
**3 Ultra Light Weight**  
Strengthened alum. alloy body.  
Reduced 25% of weight.

**4 Ergonomically Design**  
For the operator's comfort,  
reducing fatigue during operating.

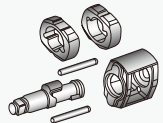
**5 3-Phase power setting**



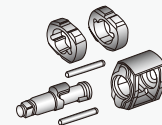
**ST-5630P** 3/4" Dr.  
**ST-5630P-6** 3/4" Dr. W/6" Anvil  
**ST-5836P** 1" Dr.  
**ST-5836P-6** 1" Dr. W/6" Anvil  
Twin Hammer  
Max Torque: 2,848Nm (2,100 ft-lb)



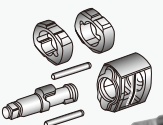
**ST-5830P** 1" Dr.  
**ST-5830P-6** 1" Dr. W/6" Anvil  
Twin Hammer  
Max Torque: 3,430Nm (2,530 ft-lb)



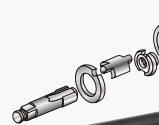
**ST-5630** 3/4" Dr.  
**ST-5630-6** 3/4" Dr. W/6" Anvil  
Twin Hammer  
Max Torque: 2,848Nm (2,100 ft-lb)  
**ST-5836** 1" Dr.  
**ST-5836-6** 1" Dr. W/6" Anvil  
Twin Hammer  
Max Torque: 2,848Nm (2,100 ft-lb)



**ST-5830** 1" Dr.  
**ST-5830-6** 1" Dr. W/6" Anvil  
Twin Hammer  
Max Torque: 3,430Nm (2,530 ft-lb)



**ST-5834** 1" Dr.  
**ST-5834-6** 1" Dr. W/6" Anvil  
Twin Hammer  
Max Torque: 4,339Nm (3,200 ft-lb)



**ST-5835** 1" Dr.  
**ST-5835-6** 1" Dr. W/6" Anvil  
Pinless Clutch  
Max Torque: 4,339Nm (3,200 ft-lb)



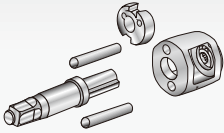
## Specification:

★ Recommend Air Pressure: 6.2bar (90psi)

Model No.	Square Drive (inch)	Capacity Bolt Size		Free Speed (r.p.m.)	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
		mm	inch		N-m	ft-lb	mm	in			l/min	cfm	kgs	lbs	
ST-5630P	3/4	M30	1-3/16	5,500	2,848	2,100	245	9-2/3	1/2"	3/4"	540	19	5.6	12.35	2Pcs/Ctn/13.6/1.27'
ST-5630P-6	3/4	M30	1-3/16	5,500	2,848	2,100	367	14-4/9	1/2"	3/4"	540	19	6.2	13.67	2Pcs/Ctn/15.6/1.3'
ST-5836P	1	M36	1-27/64	5,500	2,848	2,100	245	9-2/3	1/2"	3/4"	540	19	5.76	12.7	2Pcs/Ctn/13.6/1.27'
ST-5836P-6	1	M36	1-27/64	5,500	2,848	2,100	367	14-4/9	1/2"	3/4"	540	19	6.69	14.75	2Pcs/Ctn/15.6/1.3'
ST-5830P	1	M36	1-27/64	5,000	3,430	2,530	275	10-5/6	1/2"	3/4"	708	25	7.4	16.31	2Pcs/Ctn/17.1/1.82'
ST-5830P-6	1	M36	1-27/64	5,000	3,430	2,530	416	16-3/8	1/2"	3/4"	708	25	8.3	18.30	1Pcs/Ctn/20.8/2.75'
ST-5630	3/4	M30	1-3/16	5,500	2,848	2,100	319	12-5/9	1/2"	3/4"	540	19	4.6	12.57	2Pcs/Ctn/13.6/1.27'
ST-5630-6	3/4	M30	1-3/16	5,500	2,848	2,100	440	17-1/3	1/2"	3/4"	540	19	6.3	13.89	2Pcs/Ctn/15.6/1.3'
ST-5836	1	M36	1-27/64	5,500	2,848	2,100	323	12-5/7	1/2"	3/4"	540	19	5.8	12.79	2Pcs/Ctn/16.1/1.3'
ST-5836-6	1	M36	1-27/64	5,500	2,848	2,100	472	18-4/7	1/2"	3/4"	540	19	6.7	14.77	2Pcs/Ctn/13.9/1.3'
ST-5830	1	M36	1-27/64	5,000	3,423	2,530	347	13-2/3	1/2"	3/4"	708	25	7.4	16.31	2Pcs/Ctn/17.1/1.3'
ST-5830-6	1	M36	1-27/64	5,000	3,423	2,530	487	19-1/6	1/2"	3/4"	708	25	8.1	17.86	2Pcs/Ctn/19.4/1.3'
ST-5834	1	M45	1-3/4	4,500	4,339	3,200	385	15-1/6	1/2"	3/4"	708	25	11.26	24.83	1Pcs/Ctn/18.4/1.5'
ST-5834-6	1	M45	1-3/4	4,500	4,339	3,200	590	23-2/9	1/2"	3/4"	708	25	12.43	27.41	1Pcs/Ctn/21.4/1.5'
ST-5835	1	M45	1-3/4	4,500	4,339	3,200	377	14-5/6	1/2"	3/4"	708	25	12.2	26.9	1Pcs/Ctn/18.4/1.5'
ST-5835-6	1	M45	1-3/4	4,500	4,339	3,200	535	21	1/2"	3/4"	708	25	13.6	29.99	1Pcs/Ctn/21.4/1.5'



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



ONLY 110mm

## 1 Powerful Torque

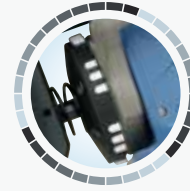
Jumbo hammer mechanism delivers 678Nm / 500ft lbs maximum torque power.(ST-IW4040)

## 2 Protective Rubber Sleeve



**ST-IW4030** 3/8" Dr.  
Max Torque: 475 Nm(350 ft-lb)  
**ST-IW4040** 1/2" Dr.  
Max Torque: 678 Nm(500 ft-lb)  
Jumbo Hammer

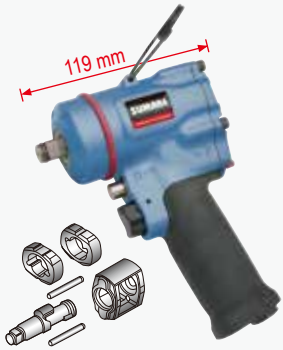
## 3 Compact Housing Body Design



## 4 Featured One-hand Operation Design

- Levered forward & reverse switch system.
- Three-position torque setting mechanism.
- Patented switchable lever design for one hand for operation by either left or right handed users.

## 5 Handle Exhaust Design



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



**ST-C5141** 1/2"Dr.  
Max Torque: 610 Nm (450 ft-lb)  
Twin Hammer  
Composite Housing



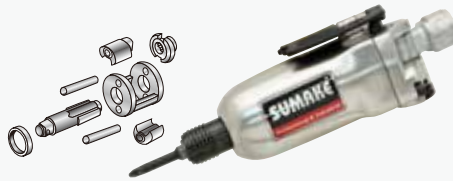
**ST-C557** 1/2" Dr.  
Max Torque: 1,044Nm (770 ft-lb)  
Jumbo Hammer  
Composite Housing



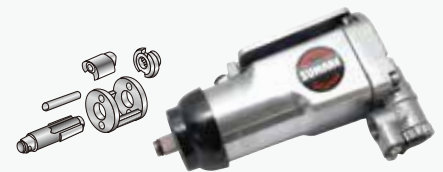
**ST-5139** 3/8" Dr  
Max Torque: 610 Nm (450 ft-lb)  
**ST-5149** 1/2" Dr.  
Max Torque: 678 Nm (500 ft-lb)  
Jumbo Hammer



**ST-55303** 3/8" Dr.  
Twin Dog  
Torque: 163 Nm(120 ft-lb)



**ST-55303S** 1/4" (6.35mm) Hex  
Twin Dog  
Max Torque: 95 Nm (70 ft-lb)



**ST-5530** 3/8" Dr.  
Rocking Dog  
Torque: 136 Nm(100 ft-lb)

## Specification:

★ Recommend Air Pressure: 6.2bar (90psi)

Model No.	Square Drive (inch)	Capacity Bolt Size		Free Speed (r.p.m.)	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
		mm	inch		N-m	ft-lb	mm	in			l/min	cfm	kgs	lbs	
ST-IW4030	3/8	M16	5/8	8,000	475	350	110	4-1/3	1/4"	3/8"	430	15	1.32	2.92	8Pcs/Ctn/15.1/1.3'
ST-IW4040	1/2	M16	5/8	9,500	678	500	110	4-1/3	1/4"	3/8"	430	15	1.32	2.92	8Pcs/Ctn/15.1/1.3'
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/18/0.93'
ST-C5141	1/2	M16	5/8	10,000	610	450	125	5	1/4"	3/8"	430	15	1.25	2.75	10Pcs/Ctn/16/1.6'
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/12.3/1.03'
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/16/1'
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/16/1.5'
ST-55303	3/8	M10	3/8	12,000	163	120	139	5-1/2	1/4"	3/8"	430	15	0.53	1.16	30Pcs/Ctn/19.7/0.95'
ST-55303S	1/4(Hex)	-	-	12,000	95	70	146.4	5-3/4	1/4"	3/8"	430	15	0.55	1.2	30Pcs/Ctn/19.7/0.95'
ST-5530	3/8	M10	3/8	10,000	136	100	155	6-1/9	1/4"	3/8"	430	15	0.8	1.8	20Pcs/Ctn/18.1/0.9'





# 1/2" Professional Air Impact Wrench

155mm (ST-IW6040)



**NEW**



## 1 Powerful Torque

Durable Twin Hammer Impact Mechanism delivers 820 ft lbs / 1112 Nm maximum torque power

## 2

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.

## 3 Featured One-hand Operation Design

Lever forward & reverse switch system.

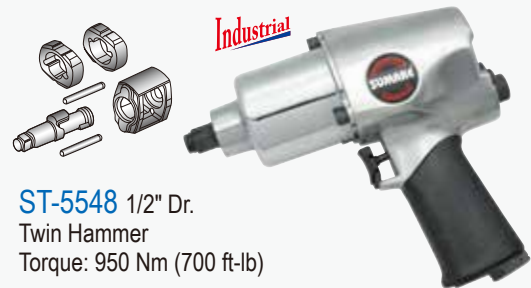
## 4

Handle exhaust design

ST-IW6040 1/2" Dr.  
ST-IW6060 3/4" Dr.  
Twin Hammer  
Torque: 1112 Nm (820 ft-lb)



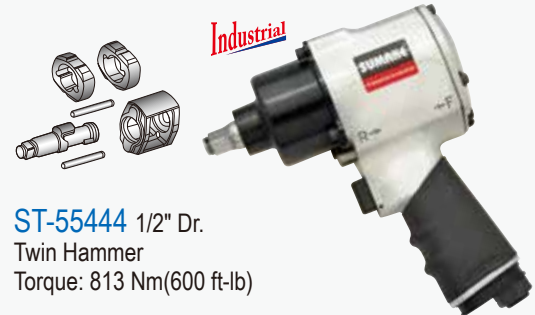
ST-IW1243T 1/2" Dr.  
Twin Hammer  
Torque: 895 Nm (660 ft-lb)



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



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



ST-55444 1/2" Dr.  
Twin Hammer  
Torque: 813 Nm(600 ft-lb)



ST-5544 1/2" Dr.  
ST-5544H 1/2" Dr. -Handle Exhaust  
Twin Hammer  
Torque: 813 Nm (600 ft-lb)



ST-55414 1/2" Dr.  
Handle Exhaust  
Pin Clutch  
Torque: 542 Nm(400 ft-lb)

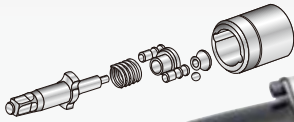
## Specification:

★ Recommend Air Pressure: 6.2bar (90psi)

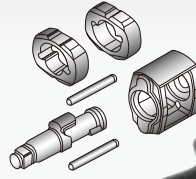
Model No.	Square Drive (inch)	Capacity Bolt Size		Free Speed (r.p.m.)	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
		mm	inch		N-m	ft-lb	mm	in			l/min	cfm	kgs	lbs	
ST-IW6040	1/2	M19	3/4	8,200	1112	820	155	6-1/9	1/4"	3/8"	480	17	2.0	4.41	10Pcs/Ctn/21/1.3'
ST-IW6060	3/4	M19	3/4	8,200	1112	820	170	6-2/3	1/4"	3/8"	480	17	2.2	4.85	10Pcs/Ctn/23/1.3'
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/26/1.5'
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/25.5/1.2'
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/24/1.2'
ST-55444	1/2	M16	5/8	7,000	813	600	182	7-1/6	1/4"	3/8"	480	17	2.8	6.16	10Pcs/Ctn/29/1.4'
ST-5544	1/2	M16	5/8	8,000	813	600	180	7	1/4"	3/8"	480	17	2.56	5.58	8Pcs/Ctn/23.5/1.08'
ST-5544H	1/2	M16	5/8	7,000	813	600	184	7-1/4	1/4"	3/8"	480	17	2.7	5.94	8Pcs/Ctn/24.5/1.2'
ST-55414	1/2	M16	5/8	8,000	542	400	190	7-1/2	1/4"	3/8"	480	17	2.0	4.41	10Pcs/Ctn/21/1.2'



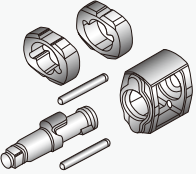
# 3/4" Professional Air Impact Wrench



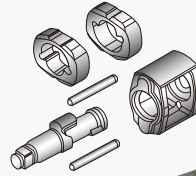
**ST-5565** 3/4" Dr.  
Pin Clutch  
Torque: 1,085 Nm (800 ft-lb)



**ST-5566** 3/4" Dr.  
Twin Hammer  
Torque: 1,417 Nm(1045 ft-lb)

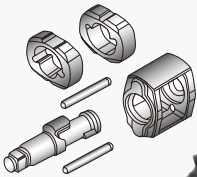


**ST-5567** 3/4" Dr.  
Twin Hammer  
Torque: 1,016 Nm(750 ft-lb)



**ST-5578** 3/4" Dr.  
Front & Handle Exhaust

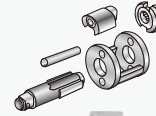
**ST-5578H** 3/4" Dr.  
Handle Exhaust  
Twin Hammer  
Torque: 1,356 Nm (1,000 ft-lb)



**Industrial**

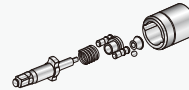


**ST-6660** 3/4" Dr.  
Twin Hammer  
Torque: 1,491 Nm(1,100 ft-lb)



**ST-5560** 3/4" Dr.  
Rocking Dog  
Torque: 677 Nm (500 ft-lb)

**ST-5561** 3/4" Dr.  
Pin Clutch  
Torque: 948 Nm (700 ft-lb)



**ST-5560K**  
**ST-5561K**  
3/4" Air Impact Wrench Kit  
Contents:  
1- 3/4" Air Impact Wrench ST-5560(5561)  
8- 3/4" Dr. Sockets: 26,27,29,30,32,35,36,38mm  
2- 4mm & 5mm Hex Wrench  
1- Nipple  
1- Oil Pot

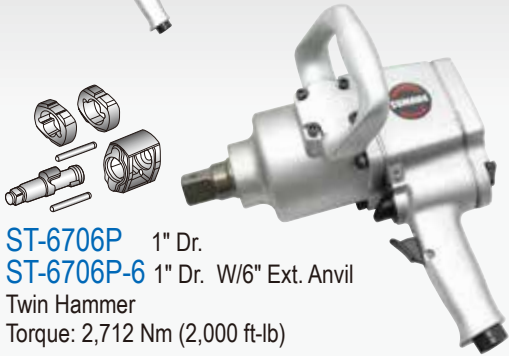
## Specification:

★ Recommend Air Pressure: 6.2bar (90psi)

Model No.	Square Drive (inch)	Capacity Bolt Size		Free Speed (r.p.m.)	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
		mm	inch		N-m	ft-lb	mm	inch			l/min	cfm	kgs	lbs	
ST-5565	3/4	M27	1-1/16	4,800	1,085	800	248	9-3/4	1/4"	3/8"	540	19	4.9	10.8	4Pcs/Ctn/21.8/1.32'
ST-5566	3/4	M25	1	6,500	1,417	1,045	236	9-2/7	1/4"	3/8"	540	19	4.6	10	4Pcs/Ctn/22/1.3'
ST-5567	3/4	M21	53/64	6,300	1,016	750	217	8-1/2	1/4"	3/8"	540	19	3	6.6	8Pcs/Ctn/25.3/1.2'
ST-5578	3/4	M25	1	4,800	1,356	1,000	223	8-7/9	1/4"	3/8"	540	19	4	8.8	4Pcs/Ctn/18/1.2'
ST-5578H	3/4	M25	1	4,800	1,356	1,000	223	8-7/9	1/4"	3/8"	540	19	4	8.8	4Pcs/Ctn/18/1.2'
ST-6660	3/4	M30	1-3/16	5,500	1,491	1,100	220	8-2/3	3/8"	1/2"	540	19	5.6	12.7	4Pcs/Ctn/25.5/1.3'
ST-5560	3/4	M25	1	4,500	677	500	245	9-2/3	1/4"	3/8"	540	19	4.5	9.9	6Pcs/Ctn/30/1.8'
ST-5561	3/4	M25	1	4,500	948	700	245	9-2/3	1/4"	3/8"	540	19	4.5	9.9	6Pcs/Ctn/31.5/1.67'



# 1" & 1-1/2" Professional Air Impact Wrench



**ST-6706P** 1" Dr.  
**ST-6706P-6** 1" Dr. W/6" Ext. Anvil  
 Twin Hammer  
 Torque: 2,712 Nm (2,000 ft-lb)



**ST-6706** 1" Dr.  
**ST-6706-6** 1" Dr. W/6" Ext. Anvil  
 Twin Hammer  
 Torque: 3,118 Nm (2,300 ft-lb)



**ST-6803** 1" Dr.  
**ST-6803-6** 1" Dr. W/6" Ext. Anvil  
 Pinless Clutch  
 Max Torque: 2,522Nm (1,860 ft-lb)

**ST-55881A** 1" Dr.  
**ST-55881A-8** 1" Dr. W/8" Ext. Anvil  
 Twin Hammer  
 Torque: 2,985 Nm (2,200 ft-lb)



**ST-IW1780** 1" Dr.  
**ST-IW1780-8** 1" Dr. W/8" Ext. Anvil  
 Torque: 4,067 Nm (3,000 ft-lb)

**ST-IW1790** 1-1/2" Dr.  
 Pinless Clutch  
 Torque: 5,424 Nm (4,000 ft-lb)



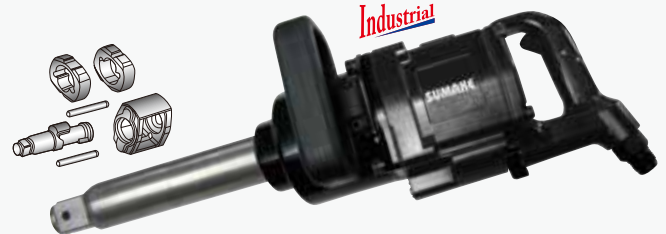
**ST-55883** 1" Dr.  
**ST-55883-8** 1" Dr. W/8" Ext. Anvil  
 Twin Hammer  
 Torque: 3,388Nm (2,500 ft-lb)

**ST-55886** 1-1/2" Dr.  
**ST-55886-9** 1-1/2" Dr.  
 W/9" Ext. Anvil  
 Twin Hammer  
 Torque: 4,068Nm (3,000 ft-lb)



**ST-55989** 1-1/2" Dr.  
 Twin Hammer  
 Torque: 4,342Nm (3,200 ft-lb)

**ST-5598** 1" Dr.  
**ST-5598-6** 1" Dr. W/6" Ext. Anvil  
**ST-5598-8** 1" Dr. W/8" Ext. Anvil  
 Twin Hammer  
 Torque: 4,342Nm (3,200 ft-lb)



**ST-5597** 1-1/2" Dr.  
**ST-5597-6** 1-1/2" Dr. W/6" Ext. Anvil  
**ST-5597-8** 1-1/2" Dr. W/8" Ext. Anvil  
 Twin Hammer  
 Torque: 4,878Nm (3,600 ft-lb)

## Specification:

★ Recommend Air Pressure 6.2 bar (90psi)

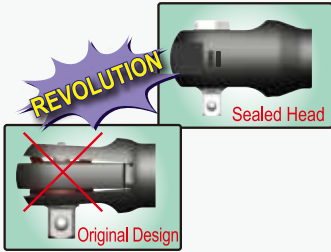
Model No.	Square Drive (inch)	Capacity Bolt Size		Free Speed (r.p.m.)	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
		mm	inch		N-m	ft-lb	mm	in			l/min	cfm	kgs	lbs	
ST-6706P	1	M36	1-27/64	4,000	2,712	2,000	303	12	1/2"	1/2"	708	25	9.84	21.7	2Pcs/Ctn/23.2/1.82'
ST-6706P-6	1	M36	1-27/64	4,000	2,712	2,000	461	18-1/7	1/2"	1/2"	708	25	10.34	22.77	2Pcs/Ctn/27.6/2.75'
ST-6706	1	M36	1-27/64	4,000	3,118	2,300	315	12-2/5	1/2"	3/4"	708	25	9.6	21.0	1Pcs/Ctn/12.8/1.5'
ST-6706-6	1	M36	1-27/64	4,000	3,118	2,300	518	20-2/5	1/2"	3/4"	708	25	11.3	24.9	1Pcs/Ctn/14.5/1.5'
ST-6803	1	M36	1-27/64	4,000	2,522	1,860	515	20-2/7	1/2"	3/4"	708	25	10.53	23.19	1Pcs/Ctn/13.5/1.02'
ST-6803-6	1	M36	1-27/64	4,000	2,522	1,860	515	20-2/7	1/2"	3/4"	708	25	12.06	26.59	1Pcs/Ctn/13.5/1.02'
ST-55881A	1	M45	1-3/4	4,000	2,985	2,200	380	15	1/2"	1/2"	708	25	9.3	20.5	2Pcs/Ctn/21.2/1.47'
ST-55881A-8	1	M45	1-3/4	4,000	2,985	2,200	536	21-1/9	1/2"	1/2"	708	25	10.7	23.59	2Pcs/Ctn/23.8/1.47'
ST-IW1780	1	M36	1-27/64	4,000	4,067	3,000	417	16-3/7	1/2"	1/2"	708	25	15.1	33.31	1Pcs/Ctn/17/0.83'
ST-IW1780-8	1	M36	1-27/64	4,000	4,067	3,000	620	24-2/5	1/2"	1/2"	708	25	16.7	36.81	1Pcs/Ctn/18.3/0.83'
ST-IW1790	1-1/2	M36	1-27/64	4,000	5,424	4,000	430	17	1/2"	1/2"	708	25	15.1	33.31	1Pcs/Ctn/16.6/0.83'
ST-55883	1	M48	1-7/8	3,000	3,388	2,500	448	17-2/3	1/2"	1/2"	708	25	15.2	33.5	1Pcs/Ctn/16.5/0.9'
ST-55883-8	1	M48	1-7/8	3,000	3,388	2,500	628	24-5/7	1/2"	1/2"	708	25	16.4	36.1	1Pcs/Ctn/18.4/1.1'
ST-55886	1-1/2	M53	2-1/8	3,000	4,068	3,000	475	18-5/7	1/2"	1/2"	708	25	15.1	33.2	1Pcs/Ctn/18.5/0.85'
ST-55886-9	1-1/2	M53	2-1/8	3,000	4,068	3,000	646	25-3/7	1/2"	1/2"	708	25	17.8	39.1	1Pcs/Ctn/16.6/0.83'
ST-55989	1-1/2	M50	2	3,000	4,342	3,200	420	16-1/2	1/2"	1/2"	708	25	18.5	40.9	1Pcs/Ctn/21/0.8'
ST-5598	1	M45	1-3/4	3,000	4,342	3,200	400	15-3/4	1/2"	1/2"	708	25	17	34.5	1Pcs/Ctn/21/0.8'
ST-5598-6	1	M45	1-3/4	3,000	4,342	3,200	520	20-1/2	1/2"	1/2"	708	25	17.3	38.06	1Pcs/Ctn/21/0.8'
ST-5598-8	1	M45	1-3/4	3,000	4,342	3,200	570	22-4/9	1/2"	1/2"	708	25	18.3	40.3	1Pcs/Ctn/21/0.8'
ST-5597	1-1/2	M50	2	2,600	4,878	3,600	435	17-1/8	1/2"	3/4"	900	32	17.3	38.98	1Pcs/Ctn/19/0.7'
ST-5597-6	1-1/2	M50	2	2,600	4,878	3,600	552	21-3/4	1/2"	3/4"	900	32	19.0	41.8	1Pcs/Ctn/20/0.7'
ST-5597-8	1-1/2	M50	2	2,600	4,878	3,600	630	24-4/5	1/2"	3/4"	900	32	19.5	42.9	1Pcs/Ctn/21/0.7'



# Industrial Air Ratchet Wrench

## 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.
- ★ New tech of faster run down movements works more efficiently. Perfect body designed comfort utilizing in a limited room.



### ★ Less Counterforce

- Unicorn™ Hammer mechanism.
- High instant torque output. (For ST-55528,ST-55529)

360° rotate air inlet allow air hose rotate freely.

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

### Dual Pawl Ratchet Design (Except for ST-55622 & ST-55623)

- Extends tool working life.
- Stronger torque output.
- Premium grade



ST-55528 3/8" Dr. 163Nm (120 ft-lb)  
ST-55529 1/2" Dr. 163Nm (120 ft-lb)  
(Unicorn™ Hammer)  
-Front Exhaust

Industrial

### Patented Head-Sealed Ratchet Housing

- Prevents dust & dirt from entering the ratchet mechanism.
- Cleaner moving parts help to increase the working life of the tool.



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



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



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



ST-55522 1/4" Dr. 20ft-lb  
ST-55523 3/8" Dr. 40ft-lb  
-Rear Exhaust



ST-55520 3/8" Dr. 80ft-lb  
ST-55521 1/2" Dr. 80ft-lb  
-Side Exhaust



ST-55524 3/8" Dr. 80ft-lb  
ST-55525 1/2" Dr. 100ft-lb  
-Side Exhaust

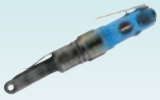


ST-55547 3/8" Dr. 100ft-lb  
ST-55548 1/2" Dr. 100ft-lb  
-Rear Exhaust

## Specification:

★ Recommend Air Pressure: 6.2bar (90psi)

Model No.	Square Driver (inch)	Capacity Bolt Size		Free Speed (r.p.m.)	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
		mm	inch		N-m	ft-lb	mm	inch			l/min	cfm	kgs	lbs	
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/27.4/1.88'
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/27.4/1.88'
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/21/0.94'
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/21/0.94'
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/23/0.61'
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/23/0.61'
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/33/2.75'
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/33/2.75'
ST-55522	1/4	M10	3/8	250	27	20	205	8	1/4"	3/8"	283	10	0.66	1.45	30Pcs/Ctn/22.8/0.84'
ST-55523	3/8	M10	3/8	270	54	40	205	8	1/4"	3/8"	283	10	0.66	1.45	30Pcs/Ctn/22.8/0.84'
ST-55520	3/8	M10	3/8	280	108	80	273	10-3/4	1/4"	3/8"	400	14	1.24	2.73	20Pcs/Ctn/28.4/1.0'
ST-55521	1/2	M10	3/8	280	108	80	273	10-3/4	1/4"	3/8"	400	14	1.24	2.73	20Pcs/Ctn/28.4/1.0'
ST-55524	3/8	M13	1/2	225	108	80	315	12-2/5	1/4"	3/8"	400	14	1.60	3.52	10Pcs/Ctn/17.0/0.60'
ST-55525	1/2	M13	1/2	225	122	100	315	12-2/5	1/4"	3/8"	400	14	1.60	3.52	10Pcs/Ctn/17.0/0.60'
ST-55547	3/8	M13	1/2	225	136	100	307	12	1/4"	3/8"	400	14	1.24	2.73	12Pcs/Ctn/19.5/0.61'
ST-55548	1/2	M13	1/2	225	136	100	307	12	1/4"	3/8"	400	14	1.24	2.73	12Pcs/Ctn/19.5/0.61'



# Industrial Air Ratchet Wrench



**ST-55591**  
Air Ratchet Wrench (Side exhaust)  
Capacity: 6~12mm, 1/4", 3/8" Hex Bolt



**ST-55592A**  
Air Ratchet Wrench (Rear exhaust)  
Capacity: 10~14mm, 1/2", 9/16" Hex Bolt



**ST-55599**  
Air Ratchet Wrench (Rear exhaust)  
Capacity: 10~19mm, 11/16" Hex Bolt



**ST-RW700**  
Air Ratchet Wrench (Rear exhaust)  
Capacity: 10~19mm, 11/16" Hex Bolt



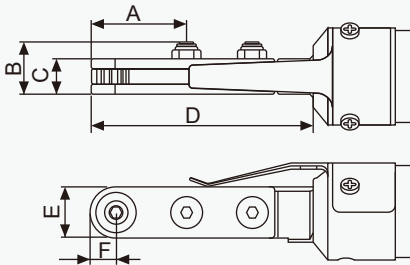
**ST-RW710**  
Air Ratchet Wrench (Rear exhaust)  
Capacity: 21~24mm, 26mm 27mm Hex Bolt



**ST-RW711**  
Air Ratchet Wrench (Rear exhaust)  
Capacity: 29, 30, 32mm Hex Bolt



**ST-RW712**  
Air Ratchet Wrench (Rear exhaust)  
Capacity: 36mm, 1-3/8" Hex Bolt



Model No.	mm						inch					
	A	B	C	D	E	F	1/4	3/8	1/2	9/16	11/16	1-3/8
ST-55591	38.2	20	13.2	88.2	20	10.2						
ST-55592A	44.4	26	18	109	25.2	12.2						
ST-55599	51	26	18	115	33.2	16.6						
ST-RW700	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						

★Unit: mm

## Order Code Reference:

\*Please indicate the bolt size when ordering

Model No.	Hex Size	mm																		inch																	
		6	7	8	9	10	11	12	13	14	15	16	17	18	19	21	22	23	24	26	27	29	30	32	36	1/4	3/8	1/2	9/16	11/16	1-3/8						
ST-55591		ST-55591-6 ~ ST-55591-12																														ST-55591-1/4 ST-55591-3/8					
ST-55592A					ST-55592A-10 ~ ST-55592A-14																									ST-55592A-1/2 ST-55592A-9/16							
ST-55599							ST-55599-10 ~ ST-55599-19																														ST-55599-11/16
ST-RW700							ST-RW700-10 ~ ST-RW700-19																														ST-RW700
ST-RW710																ST-RW710-21 ~ ST-RW710-27																					
ST-RW711																							ST-RW711-29 ~ ST-RW711-32														
ST-RW712																										ST-RW712-36									ST-RW712-1-3/8		

## Specification:

★ Recommend Air Pressure: 6.2bar (90psi)

Model No.	Capacity Bolt Size mm (inch)	Free Speed (r.p.m.)	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
			N-m	ft-lb	mm	in			l/min	cfm	kgs	lbs	
ST-55591	6,7,8,9,10,11,12,(1/4", 3/8")	180	10	7.4	300	11-4/5	1/4"	3/8"	396	14	1.3	2.87	10Pcs/Ctn/16.4/1.4'
ST-55592A	10,11,12,13,14,(1/2",9/16")	220	25	18.4	332	13	1/4"	3/8"	480	17	1.92	4.23	20Pcs/Ctn/32/2.2'
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-RW700	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, (11/16")	190	25	18	338	13.3	1/4"	3/8"	480	17	2	4.41	5Pcs/Ctn/21.6/1.4'
ST-RW710	21, 22, 23, 24, 26, 27	130	90	66	398	15.66	1/4"	3/8"	480	17	2.48	5.46	4Pcs/Ctn/11.12/0.8'
ST-RW711	29, 30, 32	110	90	66	405	15.94	1/4"	3/8"	480	17	2.50	5.51	4Pcs/Ctn/11.12/0.8'
ST-RW712	36,(1-3/8")	100	90	66	408	16.06	1/4"	3/8"	480	17	2.52	5.55	4Pcs/Ctn/11.2/0.8'



# Industrial & Professional Air Ratchet Wrench



Sealed Head



**NEW**

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



**NEW**

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



**NEW**



Close Head

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



**NEW**



Anti-opening Structural Design

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



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



**ST-5555N** 1/4" Dr.  
**ST-5555AN** 3/8" Dr.  
Torque: 20 ft-lb



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



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



**Industrial**

**ST-5554A** 1/2" Dr.  
Heavy Duty Ratchet Wrench  
Torque: 74 ft-lb



**Industrial**

**ST-5554** 1/2" Dr.  
Heavy Duty Ratchet Wrench  
Torque: 90 ft-lb



**ST-5552** 3/8" Dr.  
**ST-5553** 1/2" Dr.  
Torque: 45 ft-lb



**ST-5552K** 3/8" Dr.  
**ST-5553K** 1/2" Dr.  
17Pcs Air Ratchet Wrench Kit

## Specification:

★Recommend Air Pressure: 6.2bar (90psi)

Model No.	Square Drive (inch)	Capacity Bolt Size		Free Speed (r.p.m.)	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
		mm	inch		Nm	ft-lb	mm	in			l/min	cfm	kgs	lbs	
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/11.4/0.38'
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/11.4/0.38'
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/14.2/0.69'
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/14.2/0.69'
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/13.9/0.84'
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/13.9/0.84'
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/17.3/0.84'
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/17.3/0.84'
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/10/0.47'
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/10/0.47'
ST-5555N	1/4	M6	1/4	250	27	20	165	6-1/2	1/4"	1/4"	283	10	0.52	1.14	30Pcs/Ctn/18.2/1.2'
ST-5555AN	3/8	M6	1/4	250	27	20	165	6-1/2	1/4"	1/4"	283	10	0.52	1.14	30Pcs/Ctn/18.2/1.2'
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/15/0.8'
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/15/0.8'
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/24/0.9'
ST-5556	1/2	M13	1/2	170	68	50	267	10-1/2	1/4"	3/8"	400	14	1.2	2.6	20Pcs/Ctn/26/0.8'
ST-5552	3/8	M10	3/8	150	61	45	260	10-1/4	1/4"	3/8"	400	14	1.2	2.7	10Pcs/Ctn/24.2/0.8'
ST-5553	1/2	M13	1/2	150	61	45	260	10-1/4	1/4"	3/8"	400	14	1.2	2.7	20Pcs/Ctn/26/0.7'
ST-5554A	1/2	M13	1/2	350	100	74	300	11-4/5	1/4"	3/8"	400	14	1.6	3.5	10Pcs/Ctn/18/0.52'
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/21.5/0.6'



# Professional Air Drill / Nibbler / Die Grinder



**ST-4438**  
**ST-4438C** W/Keyless chuck  
 3/8" Air Straight Drill  
 Speed: 2,600 rpm



**ST-4436**  
**ST-4436C** w/Keyless chuck  
 3/8" Reversible Angle Drill  
 Speed: 1,800 rpm



**ST-4435**  
**ST-4435C** w/Keyless chuck  
 3/8" Air Angle Drill  
 Speed: 1,900 rpm

**ST-4439**  
**ST-4439C** w/Keyless chuck  
 3/8" Air Straight Drill  
 Speed: 4,500 rpm



**ST-6625**  
 Air Nibbler  
 (Push Type)



**ST-7732F** 1/4"  
**ST-7732FM** 6mm  
 Mini Air Die Grinder  
 Speed: 25,000 rpm



**ST-7733F** 1/4"  
**ST-7733FM** 6mm  
 Air Die Grinder  
 Speed: 20,000 rpm



**ST-7734F** 1/4"  
**ST-7734FM** 6mm  
 Air Angle Die Grinder  
 Speed: 18,000 rpm

**ST-6626**  
 Air Nibbler  
 (Pull Type)

## Specification:

★Recommend Air Pressure: 6.2bar (90psi)

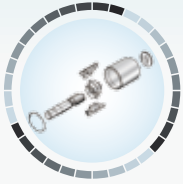
Model No.	Drilling Cap		Free Speed (r.p.m.)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Avg Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
	mm	in		mm	in			l/min	cfm	kgs	lbs	
ST-4439(C)	10	3/8	4,500	190	7-1/2	1/4"	3/8"	400	14	0.9	2	20Pcs/Ctn/22/0.85'
ST-4436(C)	10	3/8	1,800	210	8-1/4	1/4"	3/8"	400	14	1.1	2.43	10Pcs/Ctn/14/0.91'
ST-4438(C)	10	3/8	2,600	203	8	1/4"	3/8"	400	14	0.9	2	20Pcs/Ctn/21/1.0'
ST-4435(C)	10	3/8	1,900	190	7-1/2	1/4"	3/8"	400	14	0.96	2.1	10Pcs/Ctn/13/0.73'

Model No.	Cutting Capacity(Gauge)-Thickness		Free Speed	Air Inlet (PT)	Air Hose (I.D.)	Avg Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
	Steel	Aluminum				l/min	cfm	kgs	lbs	
ST-6625	1.4	2.0	2,900 b.p.m.	1/4"	3/8"	283	10	1.1	2.4	10Pcs/Ctn/12/0.8'
ST-6626	1.4	2.0	2,900 b.p.m.	1/4"	3/8"	283	10	1.0	2.2	10Pcs/Ctn/12/0.8'

Model No.	Collet Size	Free Speed (r.p.m)	Horse power		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Overall Length		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
			hp	w			l/min	cfm	mm	in	kgs	lbs	
ST-7732F	1/4"	25,000	0.3	224	1/4"	3/8"	370	13	120	4-3/4	0.3	0.6	25Pcs/Ctn/14/0.75'
ST-7732FM	6mm	25,000	0.3	224	1/4"	3/8"	370	13	120	4-3/4	0.3	0.6	25Pcs/Ctn/14/0.75'
ST-7733F	1/4"	20,000	0.6	448	1/4"	3/8"	370	13	146	5-3/4	0.53	1.17	25Pcs/Ctn/20/0.8'
ST-7733FM	6mm	20,000	0.6	448	1/4"	3/8"	370	13	146	5-3/4	0.53	1.17	25Pcs/Ctn/20/0.8'
ST-7734F	1/4"	18,000	0.3	224	1/4"	3/8"	370	13	124	4-7/8	0.4	0.9	25Pcs/Ctn/14.7/0.8'
ST-7734FM	6mm	18,000	0.3	224	1/4"	3/8"	370	13	124	4-7/8	0.4	0.9	25Pcs/Ctn/14.7/0.8'



# Industrial & Professional Air Screwdriver



## Two Pinless Hammer Mechanism

Pinless closed reinforced hammer mechanism offering the higher durability.



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** **NEW**  
Air Impact Screwdriver  
(Two Pinless Hammer)

**NEW**

**ST-SD310**  
Air Impact Screwdriver  
(Two Pinless Hammer)



**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)

## Specification:

★ Recommend Air Pressure: 6.2bar (90psi)

Model No.	Hex Shank Size		Free Speed (r.p.m.)	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
	mm	inch		N-m	ft-lb	mm	in			l/min	cfm	kgs	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/14.8/1.1'
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/14.8/1.1'
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/17/1.1'
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/13.78/1.1'
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/13.58/1.1'
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/15.26/1.1'
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/17/1.1'
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/17/1.1'
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/16/1.1'
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/17/1.1'
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/12/1.1'
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/15/1.1'
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/13/0.9'





# Industrial Air Screwdriver

## 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.



**1** Available in 1 HP and 0.6 HP motor

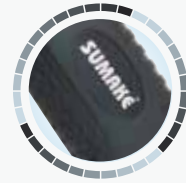


**3** **Direction Lever**  
Easily switching between clockwise or counterclockwise directions.



**4** **Ergo Wings**  
Provide stronger grip while drilling through hard materials.

**2** Durable positive clutch mechanism



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

**5** **Progressive Trigger**  
Allows various speed control and accurate drilling capability.

**6** **Quiet**  
Built-in silencer reduces noise level to minimum.



**Stall drive**

**ST-SD110** 2,800 rpm.  
**ST-SD111** 1,800 rpm.  
Air Positive Clutch Screwdriver  
-0.6HP



**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

## Specification:

★ Recommend Air Pressure: 6.2bar (90psi)

Model No.	Hex Shank Size		Free Speed (r.p.m.)	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
	mm	inch		N-m	in-lb	mm	in			l/min	cfm	kgs	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/11/1.1'
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/11/1.1'
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/12/1.2'
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/12/1.2'
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/12/1.2'
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/12/1.2'
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/12/1.2'
ST-SD143	6.35	1/4	700	19	168	230	9	1/4"	3/8"	400	14	1.4	3.09	10/Ctn/12/1.2'
ST-SD144	6.35	1/4	350	30	265	230	9	1/4"	3/8"	400	14	1.4	3.09	10/Ctn/12/1.2'
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/12/1.2'
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/12/1.2'
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/12/1.2'
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/12/1.2'



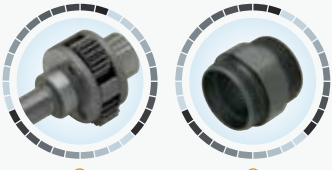
# Industrial Air Drill / Rivet Shaver

## Features:

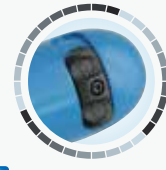
- ★ **Light Weight:** Aluminum housing.
- ★ **Compact Design:** Minimize operator's work during continuous hard drilling operation.
- ★ Air valves can be started slowly during high-speed operation, to protect workpiece.
- ★ Minimal vibration during operation.

### 1 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.



3 Available in 1 HP and 0.6 HP motor



### 4 Direction Lever

Easily switching between clockwise or counterclockwise directions.

### 2 Industrial Chuck

1/4" to 1/2" Jacobs industrial chucks offer accurate & hard drilling.

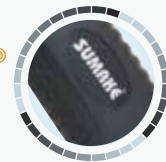


### 5 Ergo Wings

Provide stronger grip while drilling through hard materials.

### 7 Progressive Trigger

Allows various speed control and accurate drilling capability.



### 9 Ergonomic

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

### 6 Grease fitting Design

Easy refueling (without dismantling the gear case)



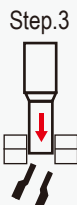
\*\* Side handle for 1/2" Drill

### 8 Quiet

Built-in silencer reduces noise level to minimum.



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



Rivet Shaver Skirts- 7/8-20 Thread



Rivet Shaver Cutters- 1/4-28 Thread



# Industrial Air Drill / Rivet Shaver



**ST-M5202F250**  
Mini Type 1/4" Air Drill



**ST-M5213R28**  
Regular Type 3/8" Air Drill

## Specification:

★ Recommend Air Pressure 6.2 bar (90psi)

Model No.		Chuck Capacity	Free Speed (r.p.m.)	Spindle	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight	
					mm	in			l/min	cfm	kgs	lbs
ST-M5203R20	0.6 HP Reversible	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"	480	17	1.4	3.09
ST-M5204R3		1/2"	350	1/2"-20	252	10	1/4"	3/8"	480	17	1.4	3.09
ST-M5202F250	0.6 HP Non-Reversible	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"	480	17	1.4	3.09
ST-M5204F5		1/2"	500	1/2"-20	240	9-4/9	1/4"	3/8"	480	17	1.4	3.09
ST-M5213R28		1 HP Reversible	3/8"	2,800	3/8"-24	234	9-1/5	1/4"	3/8"	400	14	1.1
ST-M5213R15	3/8"		1,500	3/8"-24	234	9-1/5	1/4"	3/8"	400	14	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
ST-M5212F210	1 HP Non-Reversible	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"	400	14	1.05	2.31
ST-M5213F35		3/8"	3,500	3/8"-24	218	8-4/7	1/4"	3/8"	400	14	1.1	2.43
ST-M5213F26		3/8"	2,600	3/8"-24	218	8-4/7	1/4"	3/8"	400	14	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	



**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

## Specification:

★ Recommend Air Pressure 6.2 bar (90psi)

Model No.	Motor (HP)	Cutter Dia.		Free Speed (r.p.m.)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Noise Level dB(A)
		mm	in		mm	in			l/min	cfm	kgs	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



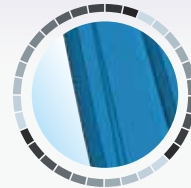
# Professional Composite Mini Air Tools

## 1 Special Motor Design-Close Type

Precision machined rotors for extended air vein and motor life  
Air motor power 0.45HP



## 3 Variable Speed Control



## 4 Compact Composite Body

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



## 2 Improved Muffler Design

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



## 5 Rear/Handle Exhaust

Exhaust away from the operator and work surface.



**ST-C212**

Mini 1/4" Air Reversible Drill  
Speed: 2,600 rpm



**ST-C230** 1/4"  
**ST-C230M** 6mm  
Mini Air Die Grinder  
Speed: 24,000 rpm



**ST-C220**  
Mini 3" Air Sander  
20,000 rpm



**ST-C221** 2,600 rpm  
**ST-C222** 4,500 rpm  
Mini 3" Air Sander / Polisher  
\* Also available with 2" Pad



**ST-C213**

Mini 1/4" Air Drill  
Speed: 2,600 rpm



**ST-C210**  
Mini 3/8" Air Reversible Drill  
Speed: 2,600 rpm

**ST-C210C** w/ Keyless chuck



**ST-C211**  
Mini 3/8" Air Drill  
Speed: 2,600 rpm

**ST-C211C** w/ Keyless chuck

## Specification:

★ Recommend Air Pressure: 6.2bar (90psi)

Model No.	Sanding Pad		Collet		Spindle Thread	Free Speed (r.p.m.)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
	mm	in	mm	in			mm	inch			l/min	cfm	kgs	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/12/0.8'
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/10/1'
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/7/0.8'
ST-C222	76	3	-	-	M6x10	4,500	155	6-1/8	1/4"	3/8"	283	10	0.54	1.19	10Pcs/Ctn/7/0.8'

Model No.	Drilling Cap.		Free Speed (r.p.m.)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
	mm	in		mm	inch			l/min	cfm	kgs	lbs	
ST-C212	6	1/4	2,600	150	5-9/10	1/4"	3/8"	283	10	0.54	1.19	20Pcs/Ctn/15/1'
ST-C213	6	1/4	2,600	150	5-9/10	1/4"	3/8"	283	10	0.54	1.19	20Pcs/Ctn/15/1'
ST-C210	10	3/8	2,600	155	6-1/8	1/4"	3/8"	283	10	0.54	1.19	20Pcs/Ctn/15/1'
ST-C210C	10	3/8	2,600	155	6-1/8	1/4"	3/8"	283	10	0.54	1.19	20Pcs/Ctn/15/1'
ST-C211	10	3/8	2,600	155	6-1/8	1/4"	3/8"	283	10	0.54	1.19	20Pcs/Ctn/15/1'
ST-C211C	10	3/8	2,600	155	6-1/8	1/4"	3/8"	283	10	0.54	1.19	20Pcs/Ctn/15/1'

# Professional Composite Mini Air Tools



**ST-C110**  
3/8" Air Reversible Drill  
Speed: 2,000 rpm

**ST-C110C**  
W/Keyless chuck



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

**ST-C111C**  
W/Keyless chuck



**ST-C112** 800rpm  
**ST-C112A** 450rpm  
1/2" Air Reversible Drill

**ST-C112C** 800rpm  
**ST-C112AC** 450rpm  
W/Keyless Chuck

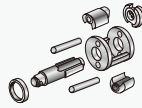


**ST-C113**  
1/2" Air Drill  
Speed: 800rpm

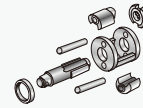
**ST-C113C**  
W/Keyless Chuck



**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

## Specification:

★ Recommend Air Pressure: 6.2bar (90psi)

Model No.	Drilling Cap. (Collet) (Sanding Pad)		Spindle Thread	Free Speed (r.p.m.)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
	mm	in			mm	inch			l/min	cfm	kgs	lbs	
ST-C110	10	3/8	-	2,000	210	8-1/4	1/4"	3/8"	340	12	1.15	2.5	10Pcs/Ctn/13/0.9'
ST-C110C	10	3/8	-	2,000	210	8-1/4	1/4"	3/8"	340	12	1.15	2.5	10Pcs/Ctn/13/0.9'
ST-C111	10	3/8	-	2,100	210	8-1/4	1/4"	3/8"	340	12	1.15	2.5	10Pcs/Ctn/13/0.9'
ST-C111C	10	3/8	-	2,100	210	8-1/4	1/4"	3/8"	340	12	1.15	2.5	10Pcs/Ctn/13/0.9'
ST-C112	13	1/2	-	800	245	9-5/8	1/4"	3/8"	340	12	1.4	3.05	10Pcs/Ctn/16/1'
ST-C112C	13	1/2	-	800	245	9-5/8	1/4"	3/8"	340	12	1.4	3.05	10Pcs/Ctn/16/1'
ST-C112A	13	1/2	-	450	245	9-5/8	1/4"	3/8"	340	12	1.4	3.05	10Pcs/Ctn/16/1'
ST-C112AC	13	1/2	-	450	245	9-5/8	1/4"	3/8"	340	12	1.4	3.05	10Pcs/Ctn/16/1'
ST-C113	13	1/2	-	800	245	9-5/8	1/4"	3/8"	340	12	1.4	3.05	10Pcs/Ctn/16/1'
ST-C113C	13	1/2	-	800	245	9-5/8	1/4"	3/8"	340	12	1.4	3.05	10Pcs/Ctn/16/1'
ST-C130(M)	6	1/4	-	17,000	155	6-1/8	1/4"	3/8"	340	12	0.7	1.54	10Pcs/Ctn/13/0.9'
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/9/1'
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/9/1'
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/9/1'
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/9/1'
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/9/1'
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/14/1'

Model No.	Square Drive (inch)	Max. Torque		Free Speed (r.p.m.)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
		N-m	ft-lb		mm	in			l/min	cfm	kgs	lbs	
ST-C142	1/4	102	75	16,000	180	7	1/4"	3/8"	340	12	0.87	1.9	10Pcs/Ctn/11/1.2'
ST-C143	3/8	102	75	16,000	180	7	1/4"	3/8"	340	12	0.87	1.9	10Pcs/Ctn/11/1.2'



# 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-M5012C**  
w/ Keyless chuck



**ST-M5012**  
1/2" Air Reversible Drill  
Speed: 800 rpm



**ST-M5013C**  
w/ Keyless chuck



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

**ST-M5014C**  
w/ Keyless chuck



**ST-M5014**  
1/2" Air Reversible Drill  
Speed: 550 rpm



**ST-M5021**  
1/4" Adjustable Clutch Screwdriver  
Speed: 800 rpm



**ST-M5030**



**ST-M5030S**  
Air Metal Shear  
Speed: 2,500 rpm

## Specification:

★ Recommend Air Pressure: 6.2bar (90psi)

Model No.	Drilling Cap.		Free Speed (r.p.m.)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
	mm	in		mm	inch			l/min	cfm	kgs	lbs	
ST-M5010	10	3/8	2,000	185	7-1/4	1/4"	3/8"	340	12	1.15	2.5	10Pcs/Ctn/14.5/1.2'
ST-M5010C	10	3/8	2,000	185	7-1/4	1/4"	3/8"	340	12	1.18	2.56	10Pcs/Ctn/15/1.2'
ST-M5011	10	3/8	2,500	185	7-1/4	1/4"	3/8"	340	12	1.11	2.4	10Pcs/Ctn/14/1.2'
ST-M5011C	10	3/8	2,500	185	7-1/4	1/4"	3/8"	340	12	1.14	2.5	10Pcs/Ctn/14.5/1.2'
ST-M5012	13	1/2	800	210	8-1/4	1/4"	3/8"	340	12	1.44	3.15	10Pcs/Ctn/17.5/1.2'
ST-M5012C	13	1/2	800	210	8-1/4	1/4"	3/8"	340	12	1.54	3.37	10Pcs/Ctn/18.5/1.2'
ST-M5013	13	1/2	900	210	8-1/4	1/4"	3/8"	340	12	1.4	3.05	10Pcs/Ctn/17/1.2'
ST-M5013C	13	1/2	900	210	8-1/4	1/4"	3/8"	340	12	1.5	3.27	10Pcs/Ctn/17.5/1.2'
ST-M5014	13	1/2	550	210	8-1/4	1/4"	3/8"	340	12	1.4	3.05	10Pcs/Ctn/17.5/1.2'
ST-M5014C	13	1/2	550	210	8-1/4	1/4"	3/8"	340	12	1.5	3.27	10Pcs/Ctn/18.5/1.2'

Model No.	Hex Shank Size		Free Speed (r.p.m.)	Max. Torque		Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
	mm	in		N-m	in-lb	mm	in			l/min	cfm	kgs	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/15/1.2'
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/16.5/1.2'

Model No.	Cutting Capacity Thickness (mm)		Width Of Cut		Free Speed (r.p.m.)	Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
	Steel	Alum.	mm	in				l/min	cfm	kgs	lbs	
ST-M5030	1.2	1.6	5.5	1/4	2,500	1/4"	3/8"	340	12	1.28	2.83	10Pcs/Ctn/16/1.2'
ST-M5030S	1.2	2.4	5.5	1/4	2,500	1/4"	3/8"	340	12	1.28	2.83	10Pcs/Ctn/17/1'



# 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 2,600rpm

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

ST-4232H(C)-45 4,500rpm



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 2,000rpm

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



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)



## 4441-02C

1/2" Keyless 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

### Specification:

★ Recommend Air Pressure: 6.2bar (90psi)

Model No.	Drilling Cap		Free Speed (r.p.m.)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
	mm	in		mm	in			l/min	cfm	kgs	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/14/0.8'
ST-4233(C)	10	3/8	1,600	220	8-2/3	1/4"	3/8"	400	14	1.25	2.8	10Pcs/Ctn/14/0.8'
ST-4242(C)	13	1/2	500	245	9-2/3	1/4"	3/8"	480	17	1.83	4.0	10Pcs/Ctn/20/0.9'
ST-4243(C)	13	1/2	600	245	9-2/3	1/4"	3/8"	480	17	1.85	4.1	10Pcs/Ctn/20/0.9'
ST-4434A(C)	10	3/8	1,800	180	7	1/4"	3/8"	400	14	1.4	3.0	10Pcs/Ctn/14/1'
ST-4444A(C)	13	1/2	800	190	7-1/2	1/4"	3/8"	480	17	1.8	4.0	10Pcs/Ctn/20/0.91'

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



# Professional Air Tapping Hand Tools **NEW**

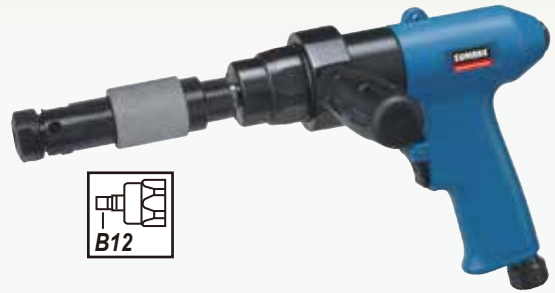


## Function of "Push-Pull" auto-reversing clutch mechanism

Push forward for tapping out.



**ST-TT100**  
M3-M8  
Handle Exhaust  
Speed: 400 r.p.m.



**ST-TT110**  
M3-M8  
Handle Exhaust  
Speed: 150 r.p.m.

Pull back for tapping out.



**ST-TT111**  
M3-M12  
Handle Exhaust  
Speed: 150 r.p.m.



**ST-TT120**  
M3-M8  
Handle Exhaust  
Speed: 350 r.p.m.



**ST-TT121**  
M6-M10  
Rear Exhaust  
Speed: 350 r.p.m.



**ST-TT130**  
M3-M8  
Rear Exhaust  
Speed: 350 r.p.m.



**ST-TT140**  
M3-M12  
Rear Exhaust  
Speed: 350 r.p.m.



### Specification:

★ Recommend Air Pressure: 6.2bar (90psi)

Model No.	Tapping Capacity (mm)	Free Speed (r.p.m)	Spindle Type	Air Consumption		Overall Length		Air Inlet (P.T)	Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
				l/min	cfm	mm	inch		kgs	lbs	
ST-TT100	M3-M8	400	B12	396	14	340	13-2/5	1/4"	2.36	5.20	10Pcs/Ctn/29.56/1.1'
ST-TT110	M3-M8	150	B12	396	14	300	11-4/5	1/4"	2.38	5.24	10Pcs/Ctn/26.2/1.1'
ST-TT111	M3-M12	150	B12	396	14	300	11-4/5	1/4"	2.38	5.24	10Pcs/Ctn/29.6/1.1'
ST-TT120	M3-M8	350	B12	396	14	267	10-1/2	1/4"	2.1	4.62	10Pcs/Ctn/27/1.1'
ST-TT121	M6-M10	350	B12	396	14	263	10-1/3	1/4"	2.46	5.41	10Pcs/Ctn/31.3/1.1'
ST-TT130	M3-M8	350	B12	396	14	370	14-4/7	1/4"	2.3	5.07	10Pcs/Ctn/28.64/1.1'
ST-TT140	M3-M12	350	B16	396	14	380	15	1/4"	2.23	4.91	10Pcs/Ctn/28.37/1.4'



# Industrial Air Body Saw / File



**ST-66002**  
Air Body Saw  
Vibration Reduction  
W/18T, 24T, 32T Blade  
(Alum. Housing)  
Speed: 9,500 bpm



**ST-66007**  
Mini Air Body Saw  
Vibration Reduction  
W/18T, 24T, 32T Blade  
(Alum. Housing)  
Speed: 11,000 bpm



**ST-66008**  
Mini Air Pipe Saw  
Vibration Reduction  
W/14T, 18T, 24T Blade  
(Alum. Housing)  
Speed: 5,500 bpm



**ST-66009**  
Air Body Saw  
Vibration Reduction  
W/32T Blade  
(Alum. Housing)  
Speed: 10,000 bpm



**ST-66010**  
Air Body Saw & File  
Vibration Reduction  
W/32T Blade  
(Alum. Housing)  
Speed: 10,000 bpm

\*Please note when use in air filing operation, the air regulator must be applied to control the tool BPM under 5,000.



**ST-66011**  
Super Fine Air Lapper  
W/One Chuck & 3 Files  
Speed: 21,000 bpm



**ST-66012**  
Finishing Air File W/4 Files  
Speed: 12,000 bpm



**ST-66013**  
Versatile Air File W/4 Files  
Speed: 10,000 bpm



Files For ST-66011



Files For ST-66012, ST-66013

## ST-66004DK

Air Saw  
Specification:  
Free Speed: 1,200bpm  
Stroke Length: 45mm  
Avg. Air Consumption: 13cfm(368L/min)  
Weight: 2.82kg  
Length: 460mm  
Width: 41mm  
Height: 180mm  
Vibration: 5m/s<sup>2</sup>  
Sound: 85dB(A)

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

Industrial



## Specification:

★Recommend Air Pressure: 6.2bar (90psi)

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 (kgs)	Packing Pcs/Ctn/G.W./Cuft (Kgs)
	Steel	Alu.			l/min	cfm					
ST-66002	2	3	9,500	10	240	8.5	1/4"	3/8"	238	0.72	20Pcs/Ctn/15/1.8'
ST-66007	3	5	11,000	8	240	8.5	1/4"	1/4"	185	0.50	20Pcs/Ctn/15/1.8'
ST-66008	8	9	5,500	20	240	8.5	1/4"	1/4"	220	0.70	20Pcs/Ctn/19/1.16'
ST-66009	3-5	-	10,000	14	240	8.5	1/4"	3/8"	227	0.62	20Pcs/Ctn/14.6/0.97'
ST-66010	3-5	-	10,000	14	240	8.5	1/4"	3/8"	227	0.62	20Pcs/Ctn/14.6/0.97'

Model No.	Blows Per Minute (bpm)	Stroke Length (mm)	Air Consumption		Noise Level ±3 dB(A)		Overall Length (mm)	Net Weight (kgs)	Packing Pcs/Ctn/G.W./Cuft (Kgs)
			l/min	cfm	Pressure	Power			
ST-66011	21,000	0.5~1	240	8.5	82	93	250	0.57	10Pcs/Ctn/8.3/0.91'
ST-66012	12,000	3~5	240	8.5	83.8	94.8	250	0.60	10Pcs/Ctn/8.6/0.91'
ST-66013	10,000	7~10	240	8.5	78.5	89.5	250	0.75	10Pcs/Ctn/10.1/0.91'



# Professional Air Body Saw / Knife



**ST-6611**  
Air Body Saw  
W/24T&32T Blades  
Speed: 10,000 bpm



**ST-6600**  
Air Body Saw & File (Rear Exhaust)  
W/ 2 Blades & 5 Files  
Speed: 5,000 bpm



**ST-M5034**  
Air Body Saw & File (Rear Exhaust)  
W/24T&32T Blades  
Speed: 9,000 bpm



**ST-6612**  
Air Body Saw (Rear Exhaust)  
W/24T&32T Blades  
Speed: 10,000 bpm



**ST-6614**  
Air Knife W/1 Pce Blade  
Speed: 20,000 spm



**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-6611K**  
Air Body Saw Kit  
Contents:  
1- Air Body Saw ST-6611  
5- 24T Saw Blades  
5- 32T Saw Blades  
1- Work Guide 1- Mini Oiler  
1- Nipple  
2- Hex Key Wrench (2&4mm)



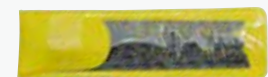
**ST-6614K**  
Air Knife & 3 Pce Knife Blades Kit  
Contents:  
1- Air Knife ST-6614  
1- 5mm Hex Wrench  
3- Knife Blades: 6614-08-1A 57mm  
6614-08-3A 30mm  
6614-08-5A 35mm

Blade For ST-6614						
Picture						
Model	6614-08-1A	6614-08-1B	6614-08-2A	6614-08-2B	6614-08-2C	6614-08-2D
Length	57mm	90mm	18mm	36mm	63mm	90mm
Picture						
Model	6614-08-3A	6614-08-4A	6614-08-5A	6614-08-6A	6614-08-7A	6614-08-8A
Length	30mm	8mm	35mm	35mm	35mm	24mm

Blades for ST-6600, ST-6611, ST-6612



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



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



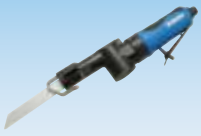
6611-35C-5 (5pcs/bag)  
6611-35C-10 (10pcs/bag)  
18T Blade

## Specification:

★ Recommend Air Pressure: 6.2 bar (90psi)

Model No.	Cutting Capacity Thickness Alum.(mm)	Stroke Length		Stroke Per Minute (b.p.m)	Air Consumption		Sound Pressure Level ±3 dB(A)	Packing Pcs/Ctn/G.W./Cuft (kgs)
		mm	inch		l/min	cfm		
ST-M5034	1.6(Steel)	10	0.394	9,000	240	8.5	82	20Pcs/Ctn/18/1'
ST-6600	3	10	0.394	5,000	240	8.5	74	10Pcs/Ctn/14/1.4'
ST-6612	3	10	0.394	10,000	240	8.5	83	10Pcs/Ctn/10.8/1.5'
ST-6611	3	10	0.394	10,000	240	8.5	90	20Pcs/Ctn/15/1'

Model No.	Oscillation (s.p.m.)	Cutting Distance (inch)	Net Weight		Air Consumption		Air Hose I.D. (in)	Air Inlet NPT (in)	Overall Length		Packing Pcs/Ctn/G.W./Cuft (kgs)
			kgs	lbs	l/min	cfm			mm	in	
ST-6614	20,000	3	1.3	2.86	170	6	3/8	1/4	200	7-3/5	10Pcs/Ctn/13.5/1.4'



# Professional Metal Sheet / Cutting Tool

## Applications of ST-BW300 Air Gear Saw:

- ★ 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.



**1** Whole new gear-transmitted design provides more than double of cutting capacity over standard air body saws. (5mm / 6 Ga. metal sheet cutting ability)

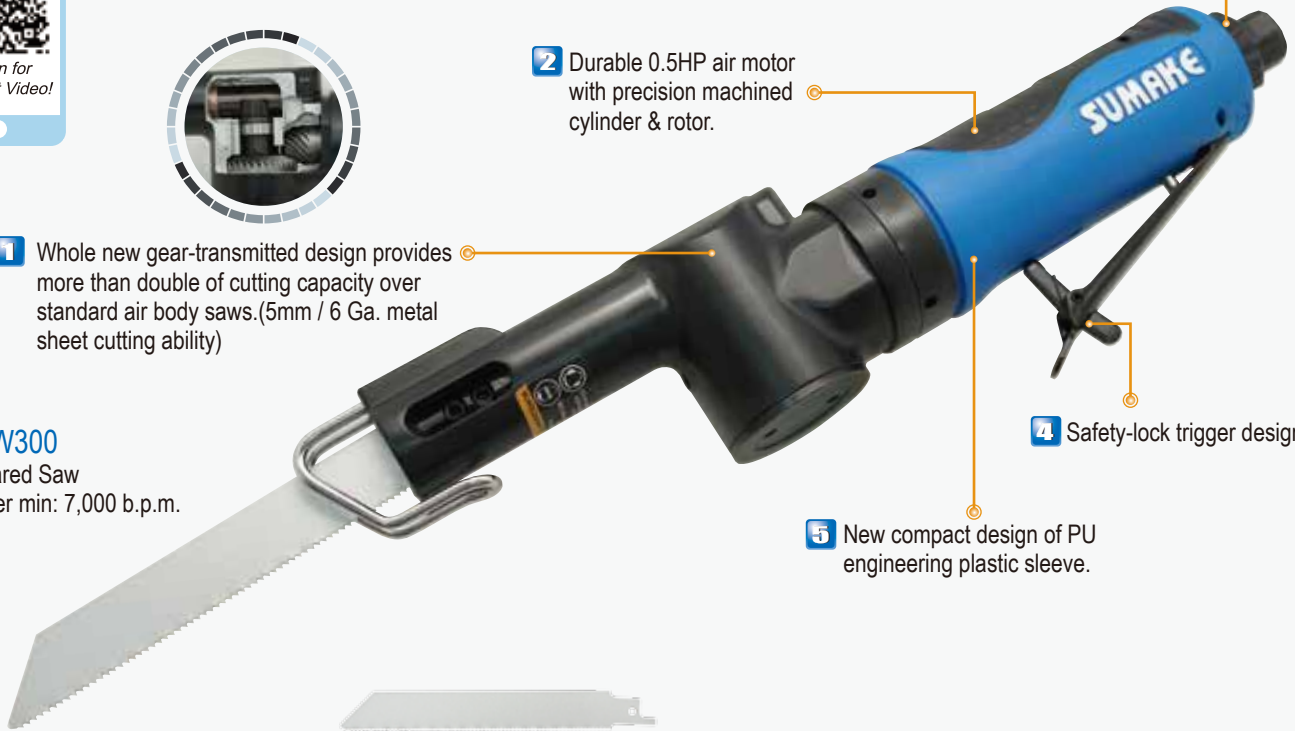
**2** Durable 0.5HP air motor with precision machined cylinder & rotor.

**3** 360 degree swivel air exhaust design.

**4** Safety-lock trigger design.

**5** New compact design of PU engineering plastic sleeve.

**ST-BW300**  
Air Geared Saw  
Blow per min: 7,000 b.p.m.



Standard Accessories  
6"- 14T Saw Blade : 2 pcs  
4"- 14T Saw Blade : 1 pcs  
24T Saw Blade : 1 pc  
32T Saw Blade : 1 pc



Optional Accessories  
5 pcs Files  
(No. SA-FL110)



**ST-SR100**  
Air Metal Shear  
2,500 rpm



**ST-SR101**  
Air Metal Shear  
2,500 rpm



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



**ST-CT100**  
3" (76.2mm) Cut Off Tool w/wheel  
20,000 rpm

## Specification:

★ Recommend Air Pressure 6.2 bar (90psi)

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 Pcs/Ctn/G.W./Cuft (kgs)
	Steel	Alum.			mm	inch			l/min	cfm	kgs	lbs	
ST-BW300	5	-	7,000 bpm	10	310	12-1/5	1/4"	3/8"	240	8.5	1.4	3.1	10Pcs/Ctn/17/0.8'
ST-SR100	1.2	2.4	2,500	-	250	9-3/4	1/4"	3/8"	370	13	1.21	2.7	10Pcs/Ctn/13/0.9'
ST-SR101	1.2	2.4	2,500	-	250	9-3/4	1/4"	3/8"	370	13	1.21	2.7	10Pcs/Ctn/13/0.9'
ST-AK100	-	-	20,000 spm	-	195	7-2/3	1/4"	3/8"	370	13	0.97	2.1	10Pcs/Ctn/11/0.5'
ST-CT100	-	-	20,000	-	180	7	1/4"	3/8"	370	13	0.84	1.85	10Pcs/Ctn/10/1'



# Professional Air Die Grinder

## 1 Second Injected Ergonomics Designed Grip

Absorbs vibration and reduces hand fatigue.

## 2 360° Swivel Air Exhaust Design

## 3 New One-hand Spindle Lock Design

Allows only one wrench to change the accessories safely and easily.



**NEW**

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



## 4 New Compact Design Of PU Engineering Plastic Sleeve

## 5 Durable 0.5HP Air Motor

With precision machined cylinder & rotors.

## 6 Safety-lock Trigger Design



**ST-DG1002L** 1/4"  
**ST-DG1006L** 6mm  
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  
90° Angle  
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

## Specification:

★ Recommend Air Pressure 6.2 bar (90psi)

Model No.	Collet		Free Speed (r.p.m.)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
	mm	in		mm	inch			l/min	cfm	kgs	lbs	
ST-DG1002(1006)L	6	1/4	22,000	170	6-2/3	1/4"	3/8"	370	13	0.7	1.5	20Pcs/Ctn/15/0.8'
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/12/1'
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/12/1'
ST-DG1012(1016)L	6	1/4	18,000	170	6-2/3	1/4"	3/8"	370	13	0.8	1.8	20Pcs/Ctn/17/0.8'
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/17/0.8'
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/12/0.6'
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/16/1'
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/18/1.5'
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/18/0.8'



# Professional Air Tools



**ST-AS10N2H-3** 2" hook pad  
Air Angle Sander  
16,000 rpm



**ST-AS10NFH-3** 30mm(1.2") hook pad  
Air Angle Sander  
8,000 rpm



**ST-AS10N2R** 2" pad  
**ST-AS10N3R** 3" pad  
Air Angle Sander  
18,000 rpm



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



**ST-TB100**  
Tire Buffer  
w/Quick Change Chuck  
2,500 rpm



**ST-ER100**  
Air Smart Eraser w/Pad  
2,500 rpm



**ST-AD1003C** 2,500RPM  
**ST-AD1013C** 4,000RPM  
w/Keyless Chuck



**ST-RW5003** 82Nm (60ft-lb)  
3/8" Air Ratchet Wrench



**ST-RW5004** 82Nm (60ft-lb)  
1/2" Air Ratchet Wrench

## Specification:

★ Recommend Air Pressure 6.2 bar (90psi)

Model No.	Pad Size	Free Speed (r.p.m.)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
			mm	inch			l/min	cfm	kgs	lbs	
ST-AS10N2H-3	2"	16,000	180	7	1/4"	3/8"	283	10	0.66	1.5	10Pcs/Ctn/9.5/0.5'
ST-AS10NFH-3	30mm(1.2")	8,000	180	7	1/4"	3/8"	283	10	0.65	1.4	10Pcs/Ctn/9.5/0.5'
ST-AS10N2R	2"	18,000	170	6-2/3	1/4"	3/8"	283	10	0.8	1.8	10Pcs/Ctn/9.5/0.5'
ST-AS10N3R	3"	18,000	170	6-2/3	1/4"	3/8"	283	10	0.8	1.8	10Pcs/Ctn/9.5/0.5'

Model No.	Chuck Capacity		Free Speed (r.p.m.)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
	mm	in		mm	inch			l/min	cfm	kgs	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/12/1'
ST-AD1013K(C)			4,000									

Model No.	Free Speed (r.p.m.)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
		mm	inch			l/min	cfm	kgs	lbs	
ST-TB100	2,500	210	8-1/6	1/4"	3/8"	370	13	1	2.2	10Pcs/Ctn/12/1'
ST-ER100	2,500	225	8-3/4	1/4"	3/8"	370	13	1	2.2	10Pcs/Ctn/12/1'

Model No.	Square Drive		Max. Torque		Free Speed (r.p.m.)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
	mm	in	Nm	ft-lb		mm	inch			l/min	cfm	kgs	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/15/1'
ST-RW5004	13	1/2												



# Professional 2" Air Circular Saw **NEW**

## Features:

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



**CT140-07**  
72T High Speed  
Stainless Steel Saw Blade



**CT141-07**  
160T High Speed  
Stainless Steel Saw Blade



**CT144-07**  
Diamond 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

### 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							*	*	

### Specification:

★ Recommend Air Pressure: 6.2bar (90psi)

Model No.	Max. Cutting Depth	Free Speed (rpm)	Length		Net Weight		Air Consumption		Air Hose Size (O.D.)	Air Inlet (PT)	Packing Pcs/Ctn/G.W./Cuft (kgs)
			mm	inch	kgs	lbs	cfm	l/min			
ST-CT140	8mm	620	260	10-1/4	1.3	2.87	13	370	3/8"	1/4"	10Pcs/Ctn/12/1'
ST-CT141	8mm	620	260	10-1/4	1.3	2.87	13	370	3/8"	1/4"	10Pcs/Ctn/12/1'
ST-CT142	8mm	3,500	260	10-1/4	1.3	2.87	13	370	3/8"	1/4"	10Pcs/Ctn/12/1'
ST-CT143	8mm	3,500	260	10-1/4	1.3	2.87	13	370	3/8"	1/4"	10Pcs/Ctn/12/1'
ST-CT144	8mm	7,000	260	10-1/4	1.3	2.87	13	370	3/8"	1/4"	10Pcs/Ctn/12/1'



# Professional Air Remove Tool / Cut Off Tool

**NEW**



3-Position Flexible Head

360° Auxiliary handle



**ST-ER200**  
Flex Head Rust Remove Tool  
With 3 Wires Wheel: #104, #105, #106  
Speed: 4,000 rpm

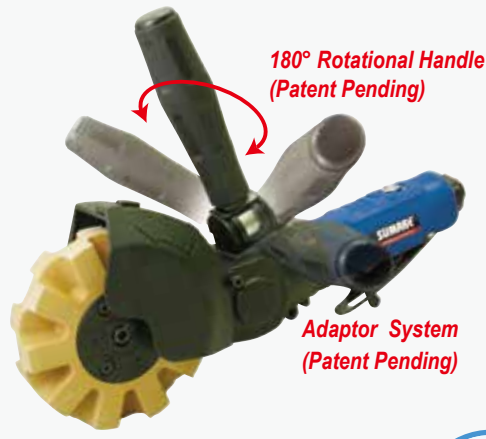
**NEW**



3-Position Flexible Head

360° Adjustable Safety Guard.

**ST-CT150**  
Flex Head Cut Off Tool  
With 3" Wheel Discs  
Speed: 21,000 rpm



180° Rotational Handle (Patent Pending)

Adaptor System (Patent Pending)



ST-66342D / V Type



Dust collect bag for ST-66342V models



Spindle lock



ST-7841SL




**ST-7841SB**  
4" Reversible Air Cutter  
Speed: 15,000 rpm

**ST-7841SL**  
4" Extended 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)

## Specification:

★ Recommend Air Pressure 6.2 bar (90psi)

Model No.	Free Speed (r.p.m.)	Overall Length		Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
		mm	in	l/min	cfm	kgs	lbs	
ST-ER200	4,000	290	11-3/7	370	13	1.2	2.6	12Pcs/Ctn/20/2.2'
ST-CT150	21,000	230	9	370	13	1.1	2.4	10Pcs/Ctn/16.2/1.8'
ST-66342(W)	4,090	280	11	283	10	1.12	2.47	4Pcs/Ctn/9/1'
ST-66342V(W)	3,950	350	13-3/4	283	10	1.32	2.91	4Pcs/Ctn/10/3'
ST-66342D(W)	3,950	350	13-3/4	283	10	1.32	2.91	4Pcs/Ctn/10/2.1'

Model No.	Spindle Size	Free Speed (r.p.m.)	Disc Size (in)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
				mm	in			l/min	cfm	kgs	lbs	
ST-7841SB	5/8" & 3/8"	15,000	4	234	9-1/5	1/4"	3/8"	540	19	1.1	2.4	12/Ctn/19/1.5'
ST-7841SL	5/8" & 3/8"	15,000	4	376	14-4/5	1/4"	3/8"	540	19	1.7	3.8	12/Ctn/21.5/2'



# Professional One-Hand Spindle Lock Tools

**NEW**

**1 New One-hand Spindle Lock Design**

Allows only one wrench to change the accessories safely and easily.



\*For straight type.



\*For angle-head type.

**2 Built-in Key Wrench Storage Space**



**3 Rear Exhaust Muffler Set**



**4 Multi-Speed Regulator (Exclude 0.35HP series)**



**6 Safety-Lock Lever Design**

**5 Ergonomic Rubber Handle Sleeve**

Improves grip to ensure and reliable operation during work.



**ST-DG9202L** 1/4"  
**ST-DG9206L** 6mm  
Air Die Grinder  
25,000 rpm  
0.35HP



**ST-DG9212L** 1/4"  
**ST-DG9216L** 6mm  
Air Angle Die Grinder  
20,000 rpm  
0.35HP



**ST-DG9002L** 1/4"  
**ST-DG9006L** 6mm  
Air Die Grinder  
22,000 rpm  
0.5HP



**ST-DG9012L** 1/4"  
**ST-DG9016L** 6mm  
Air Angle Die Grinder  
20,000 rpm  
0.5HP



**ST-DG9002L-3** 1/4"  
**ST-DG9006L-3** 6mm  
Air Die Grinder  
w/3" Extended Spindle  
20,000 rpm  
0.5HP



**ST-DG9102L** 1/4"  
**ST-DG9106L** 6mm  
Air Die Grinder  
20,000 rpm  
0.7HP



**ST-DG9112L** 1/4"  
**ST-DG9116L** 6mm  
Air Angle Die Grinder  
18,000 rpm  
0.7HP



**ST-AS93N2T**  
2 in 1 Air Angle Sander  
w/ 2" Hook Pad & Rolco Pad  
20,000 rpm  
0.5HP

**Specification:**

★Recommend Air Pressure 6.2 bar (90psi)

Model No.	Collet		Free Speed (r.p.m)	Horsepower		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Overall Length		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
	mm	in		hp	w			cfm	l/min	mm	in	kgs	lbs	
ST-DG9202(9206)L	6	1/4	25,000	0.35	261	1/4"	3/8"	13	370	185	7-2/7	0.54	1.19	20Pcs/Ctn/12/0.6'
ST-DG9212(9216)L			20,000	0.35	261					169	6-2/3	0.60	1.32	20Pcs/Ctn/13/0.7'
ST-DG9002(9006)L			22,000	0.5	373					204	8	0.74	1.63	20Pcs/Ctn/17/0.6'
ST-DG9012(9016)L			20,000	0.5	373					182	7-1/6	0.88	1.94	20Pcs/Ctn/18/0.8'
ST-DG9002(9006)L-3			20,000	0.5	373					236	9-2/7	0.90	1.98	20Pcs/Ctn/20/1'
ST-DG9102(9106)L			20,000	0.7	522					214	8-3/7	0.83	1.83	10Pcs/Ctn/10/1.05'
ST-DG9112(9116)L			18,000	0.7	522					192	7-5/9	0.97	2.14	20Pcs/Ctn/22/0.8'

Model No.	Free Speed (r.p.m)	Tool Spindle	Pad Thread	Horsepower		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Overall Length		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
				hp	w			cfm	l/min	mm	in	kgs	lbs	
ST-AS93N2T	20,000	5/16"-24	2" Rolco Pad: 1/4"-20 female 2" Hook Pad: 5/16"-24 male	0.5	373	1/4"	3/8"	13	370	170	6-2/3	0.75	1.65	20Pcs/Ctn/18/0.8'





# Professional High Power Tools

**NEW**



**ST-RW920** 1/4"  
**ST-RW921** 3/8"  
 Air Ratchet Wrench  
 41 Nm (30 ft-lb)  
 300 rpm  
 0.35HP

Unique Sealed-Ratchet Head  
 Design enhance tool durability.



**ST-RW900** 3/8"  
**ST-RW901** 1/2"  
 Air Ratchet Wrench  
 102 Nm (75 ft-lb)  
 180 rpm  
 0.5HP

Unique Sealed-Ratchet Head  
 Design enhance tool durability.



**ST-DG9122L** 1/4"  
**ST-DG9126L** 6mm  
 Air Die Grinder (Low Speed)  
 2,600 rpm  
 0.7HP



**ST-TB910**  
 Air Tire Buffer  
 2,600 rpm  
 0.7HP



**ST-ER910**  
 Air Smart Eraser w/Pad  
 2,600 rpm  
 0.7HP

## Specification:

★ Recommend Air Pressure 6.2 bar (90psi)

Model No.	Square Drive (inch)	Max Torque		Free Speed (r.p.m)	Horsepower		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Overall Length		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
		Nm	ft-lb		hp	w			cfm	l/min	mm	in	kgs	lbs	
ST-RW920	1/4	41	30	300	0.35	261	1/4"	3/8"	13	370	206	8-1/9	0.68	1.5	30Pcs/Ctn/26/1'
ST-RW921	3/8	41	30	300	0.35	261	1/4"	3/8"	13	370	206	8-1/9	0.68	1.5	30Pcs/Ctn/26/1'
ST-RW900	3/8	102	75	180	0.5	373	1/4"	3/8"	13	370	240	9-4/9	1.21	2.67	20Pcs/Ctn/25/1.1'
ST-RW901	1/2	102	75	180	0.5	373	1/4"	3/8"	13	370	240	9-4/9	1.21	2.67	20Pcs/Ctn/25/1.1'

Model No.	Collet		Free Speed (r.p.m)	Horsepower		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Overall Length		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
	mm	in		hp	w			cfm	l/min	mm	in	kgs	lbs	
ST-DG9122(9126)L	6	1/4	2,600	0.7	522	1/4"	3/8"	13	370	218	8-4/7	0.99	2.18	20Pcs/Ctn/21/1.2'

Model No.	Max Torque		Free Speed (r.p.m)	Horsepower		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Overall Length		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
	Nm	in-lb		hp	w			cfm	l/min	mm	in	kgs	lbs	
ST-TB910	6.5	57.5	2,600	0.7	522	1/4"	3/8"	13	370	220	8-2/34	1.06	2.34	20Pcs/Ctn/23/1.2'
ST-ER910	6.5	57.5	2,600	0.7	522	1/4"	3/8"	13	370	210	8-1/4	0.926	2.03	20Pcs/Ctn/21/1.2'



# 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

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

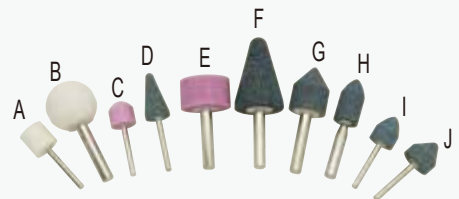
**ST-7495** 1/4"  
**ST-7495M** 6mm  
 Speed: 23,000 rpm  
 0.9HP

**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



**GS-10**  
 10 Pcs Grinder Stones Set

## Specification:

★Recommend Air Pressure 6.2 bar (90psi)

Model No.	Motor (HP)	Collet Size		Free speed (r.p.m)	Over Length		Air Inlet (PT)	Air hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/ctn/w.g./cuft (kgs)
		mm	in		mm	in			l/min	cfm	kgs	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/16/1.5'
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/21.5/2.8'
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/13/0.73'
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/15.7/0.73'
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/18.8/1.1'
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/11/0.8'
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/11/0.8'
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/13/1.1'
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/14/1.5'
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/15/2'
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/18/2'



# Professional Air Die Grinder / Ratchet Wrench / Cut Off Tool **NEW**



**2 Built-in Air Regulator**



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

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

**4 PU Cover**  
prevents hand chill in cold environments.

**5 Safety-lock Trigger Design.**

**ST-DG1302L** 1/4"  
**ST-DG1306L** 6mm  
Air Die Grinder  
22,000 rpm



**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

**ST-RW5203** 3/8"  
**ST-RW5204** 1/2"  
Air Ratchet Wrench  
200 rpm

## Specification:

★ Recommend Air Pressure 6.2 bar (90psi)

Model No.	Collet		Free Speed (r.p.m)	Horse power		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Overall Length		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
	mm	in		hp	w			l/min	cfm	mm	in	kgs	lbs	
ST-DG1302(6)L	6	1/4	22,000	0.45	336	1/4"	3/8"	370	13	170	6-2/3	0.6	1.32	10Pcs/Ctn/9/0.5'
ST-DG1312(6)L	6	1/4	18,000							170	6-2/3	0.8	1.76	20Pcs/Ctn/18/0.8'
ST-DG1302(6)L-5	6	1/4	20,000							260	10-1/3	0.99	2.18	10Pcs/Ctn/12/0.62'
ST-CT130	3"Cutting Wheel		20,000							180	7	0.74	1.63	10Pcs/Ctn/13/1'

Model No.	Square Drive (inch)	Max Torque	Free Speed (r.p.m)	Horse power		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Overall Length		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
				hp	w			l/min	cfm	mm	in	kgs	lbs	
ST-RW5203	3/8	45ft-lb (61N-m)	200	0.42	313	1/4"	3/8"	370	13	265	10-3/7	1.1	2.43	10Pcs/Ctn/14/0.6'
ST-RW5204	1/2													



# 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** 3mm  
 Speed: 35,000 rpm - 0.15 HP

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

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



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

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

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



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



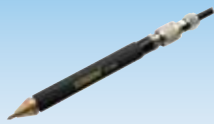
**ST-7444-25** 1/4"  
**ST-7444M-25** 6mm  
 Speed: 25,000 rpm -0.76 HP

## Specification:

★ Recommend Air Pressure: 6.2bar (90psi)

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

# Air Micro Grinder / Engraving Pen



**ST-6501**  
Engraving Pen  
(3,300~3,400b.p.m.)



**ST-909**  
Engraving Pen  
(10,000b.p.m.)



**ST-909A**  
Engraving Pen  
(30,000~34,000b.p.m.)



**ST-3150** 1/8"  
**ST-3150M** 3mm  
Air Micro Grinder  
(56,000 r.p.m.)



**ST-3370** 1/8"  
**ST-3370M** 3mm  
Air Micro Grinder  
(56,000r.p.m.)



**ST-3371** 1/8"  
**ST-3371M** 3mm  
Air Micro Grinder With PU Grip  
(60,000 r.p.m.)



**ST-3372** 1/8"  
**ST-3372M** 3mm  
Air Micro Grinder  
(60,000r.p.m.)



**ST-3373** 1/8"  
**ST-3373M** 3mm  
Heavy Duty Air Micro Grinder  
(60,000r.p.m.)



**ST-3375** 1/8"  
**ST-3375M** 3mm  
Air Micro Grinder  
(60,000r.p.m.)



**ST-MG4001** 1/8"  
**ST-MG4003** 3mm  
Turbine Drive Oil Free  
Air Micro Grinder  
(100,000 r.p.m.)

100,000 rpm.  
High Speed



**ST-3391**  
90° Air Micro Grinder  
(21,000r.p.m.)



**ST-3392**  
120° Air Micro Grinder  
(21,000r.p.m.)



**ST-3360A** 1/8"  
**ST-3360MA** 3mm  
Micro Air Grinder  
(35,000r.p.m.)



**ST-3380** 1/8"  
**ST-3380M** 3mm  
Micro Air Grinder  
(70,000r.p.m.)

**ST-3390**  
30mm Mini Angle  
Grinder/Sander  
(22,000 r.p.m.)



**ST-3393** 1/8"  
**ST-3393M** 3mm  
Micro Angle Grinder  
(72,000 r.p.m.)



## Specification:

★ Recommend Air Pressure 6.2 bar (90psi)

Model No.	Capacity		Free Speed (r.p.m.)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
	mm	in		mm	in			l/min	cfm	kgs	lbs	
ST-6501	-	-	3,300~3,400	137	5-2/5	1/4"	3/8"	170	6	0.11	0.25	30Pcs/Ctn/12/1.6'
ST-909	-	-	10,000	170	6-3/4	1/4"	3/8"	170	6	0.9	1.98	30Pcs/Ctn/9.3/1.7'
ST-909A	-	-	30,000~34,000	160	6-2/5	1/4"	3/8"	170	6	0.2	0.5	20Pcs/Ctn/13/1.87'
ST-3150(M)	3	1/8	56,000	135	5-5/16	1/4"	3/8"	170	6	0.3	0.66	40Pcs/Ctn/14.5/2.6'
ST-3370(M)	3	1/8	56,000	132	5-1/4	1/4"	3/8"	170	6	0.2	0.5	20Pcs/Ctn/9/1.13'
ST-3371(M)	3	1/8	60,000	132	5-1/4	1/4"	3/8"	170	6	0.13	0.287	30Pcs/Ctn/14/1.31'
ST-3372(M)	3	1/8	60,000	130	5-9/20	1/4"	3/8"	170	6	0.22	0.55	20Pcs/Ctn/8/1.2'
ST-3373(M)	3	1/8	60,000	140	5-3/5	1/4"	3/8"	170	6	0.24	0.6	20Pcs/Ctn/8/1.2'
ST-3375(M)	3	1/8	60,000	130	5-9/20	1/4"	3/8"	170	6	0.22	0.55	20Pcs/Ctn/8/1.2'
ST-MG4001(3)	3	1/8	100,000	127	5	1/4"	3/8"	170	6	0.4	0.9	20Pcs/Ctn/11.6/1.6'
ST-3391	1-3/16 (30mm)		21,000	160	6-2/5	1/4"	3/8"	170	6	0.2	0.5	20Pcs/Ctn/9/1.13'
ST-3392	1-3/16 (30mm)		21,000	160	6-2/5	1/4"	3/8"	170	6	0.13	0.287	30Pcs/Ctn/14/1.31'
ST-3390	1-3/16 (30mm)		22,000	136	5-1/3	1/4"	3/8"	170	6	0.3	0.6	20Pcs/Ctn/10/2'
ST-3393(M)	3	1/8	72,000	150	5-9/10	1/4"	3/8"	170	6	0.23	0.5	20Pcs/Ctn/8.3/1.3'
ST-3380(M)	3	1/8	70,000	132	5-1/4	1/4"	3/8"	170	6	0.4	0.8	30Pcs/Ctn/22/1.8'
ST-3360A(MA)	3	1/8	35,000	175	6-9/10	1/4"	3/8"	170	6	0.35	0.77	20Pcs/Ctn/11/1'

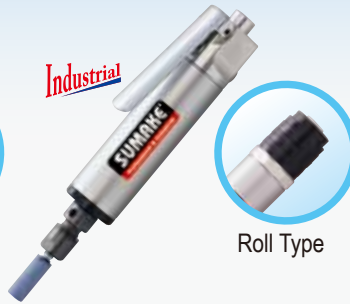
# Industrial Straight Air Die Grinder



Roll Type



Roll Type



Roll Type



Roll Type

**ST-10L** 3mm  
**ST-10LS** 1/8"  
(Lever Type)

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

**ST-38L** 6mm  
**ST-38LS** 1/4"  
(Lever Type)

**ST-38G** 6mm  
**ST-38GS** 1/4"  
(Roll Type)

**ST-38LE** 6mm  
**ST-38LES** 1/4"  
Air Extension  
Industrial Grinder  
(Lever Type)

**ST-10G** 3mm  
**ST-10GS** 1/8"  
(Roll Type)

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

**ST-38LF** 6mm  
**ST-38LFS** 1/4"  
Front Exhaust  
(Lever Type)

**ST-38GF** 6mm  
**ST-38GFS** 1/4"  
Front Exhaust  
(Roll Type)

**ST-38GE** 6mm  
**ST-38GES** 1/4"  
Air Extension  
Industrial Grinder  
(Roll Type)



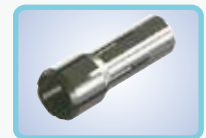
**ST-7423** 1/4"  
**ST-7423-3/8** 3/8"  
**ST-7423M** 6mm  
**ST-7423M-8** 8mm

Front Exhaust  
(Lever Type)  
- 1HP



**ST-7423L6** 1/4"  
**ST-7423L6-3/8** 3/8"  
**ST-7423L6M** 6mm  
**ST-7423L6M-8** 8mm

Side Exhaust  
(Lever Type)  
- 1HP



Industrial collet chuck for ST-7423 Series

**ST-7423G** 1/4"  
**ST-7423G-3/8** 3/8"  
**ST-7423GM** 6mm  
**ST-7423GM-8** 8mm

Front Exhaust  
(Rotary Type)  
- 1HP

**ST-7423GL6** 1/4"  
**ST-7423GL6-3/8** 3/8"  
**ST-7423GL6M** 6mm  
**ST-7423GL6M-8** 8mm

Side Exhaust  
(Rotary Type)  
- 1HP

**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

## Specification:

★ Recommend Air Pressure: 6.2bar (90psi)

Model No.	Motor (HP)	Carbide bur (mm)	Diamond Pin (mm)	Free speed (r.p.m)	Net Weight		Length		Dia		Air Inlet (PT)	Air hose (I.D.)	Packing Pcs/ctn/w.g./cuft (kgs)
					kgs	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/9/1'
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/9.5/1.6'
ST-20L(S)	0.2	10	15	40,000	0.38	0.8	165	6-1/2	28	1-1/8	1/8"	1/4"	20Pcs/ctn/10/1'
ST-20G(S)	0.2	10	15	40,000	0.38	0.8	165	6-1/2	28	1-1/8	1/8"	1/4"	20Pcs/ctn/10/1'
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/14/1'
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/14/1'
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/14/1'
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/14/1'
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/18/1'
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/18/1'

Model No.	Motor (HP)	Collet Size		Free speed (r.p.m)	Net Weight		Length		Air Consumption		Air Inlet (PT)	Air hose (I.D.)	Packing Pcs/ctn/w.g./cuft (kgs)
		mm	in		kgs	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/22.3/1.1'
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/22.3/1.1'
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/28.7/1'
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/28.7/1'
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/30/2'
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/30/2'

# Industrial Air Grinder



## Specification:

★ Recommend Air Pressure 6.2 bar (90psi)

Model No.	Motor (HP)	Collet		Free speed (r.p.m)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/ctn/w.g/cuft (kgs)
		mm	in		mm	in			l/min	cfm	kgs	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/12/0.8'
ST-7434G(M)	0.21	3	1/8	30,000	152	6	1/4"	3/8"	370	13	0.44	0.97	20Pcs/Ctn/12/0.8'
ST-7431(M)	0.45	6	1/4	18,000	177	7	1/4"	3/8"	370	13	0.80	1.76	20Pcs/Ctn/20/1'
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/18/0.9'
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/15/0.9'
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/15/0.9'
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/16/1.6'
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/15.1/1.6'
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/18/0.9'
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/15/0.8'
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/18/0.9'
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/15/0.8'

Model No.	Motor (HP)	Disc Size (inch)	Spindle Size (Dia. x thread)	Free speed (r.p.m)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/ctn/w.g/cuft (kgs)
					mm	in			l/min	cfm	kgs	lbs	
ST-7830L	0.4	2	1/4"-28UNF	15,000	168	6-3/5	1/4"	3/8"	370	13	0.76	1.68	20Pcs/Ctn/18/0.9'
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/15/0.8'
ST-7834L(G)	0.7	4	M8x1.0	15,000	185	7-2/7	1/4"	3/8"	540	19	1.15	2.53	10Pcs/Ctn/13/1.1'
ST-7844L	1	4	M8x1.25	13,500	270	10-5/8	3/8"	3/8"	540	19	2.02	4.44	10Pcs/Ctn/21/1.5'
ST-7844G	1	4	M8x1.25	13,500	218	8-4/7	3/8"	3/8"	540	19	1.74	3.83	10Pcs/Ctn/19/1.3'
ST-7845L	1	5	M14x2.0	13,500	270	10-5/8	3/8"	3/8"	540	19	2.02	4.44	10Pcs/Ctn/21/1.5'
ST-7845G	1	5	M14x2.0	13,500	218	8-4/7	3/8"	3/8"	540	19	1.74	3.83	10Pcs/Ctn/19/1.3'
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/19/1.6'
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/19/1.6'
ST-7871G-A	1.3	7	5/8"-11UNF	7,000	255	10	3/8"	3/8"	820	29	2.68	5.9	6Pcs/Ctn/19/1.6'
ST-7871G-B	1.3	7	1/2"-16	7,000	255	10	3/8"	3/8"	820	29	2.68	5.9	6Pcs/Ctn/19/1.6'
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/22/1.4'
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/22/1.4'



# Industrial Air Grinder / Vertical Grinder

◆ Disc is not included.



Industrial

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



Industrial

**ST-7438** 1/4"  
**ST-7438M** 6mm  
Extension  
Level Type)  
0.9HP



Industrial

**ST-7436**  
3" Straight Grinder  
(Lever Type)  
0.9HP



**ST-7433G** 1/4"  
**ST-7433GM** 6mm  
Extended  
(Rotary Type)  
0.9HP



**ST-7438G** 1/4"  
**ST-7438GM** 6mm  
Extension  
(Roll Type)  
0.9HP



**ST-7436G**  
3" Straight Grinder  
(Rotary Type)  
0.9HP



Industrial

**ST-7580L** 5" Speed: 7,600 rpm  
**ST-7680L** 6" Speed: 6,300 rpm  
(Lever Type)



Industrial

**ST-7580** 5" Speed: 7,600 rpm  
**ST-7680** 6" Speed: 6,300 rpm  
(Roll Type)



**ST-7580LH** 5" Speed: 7,600 rpm  
**ST-7680LH** 6" Speed: 6,300 rpm  
With Hose



**ST-7580H** 5" Speed: 7,600 rpm  
**ST-7680H** 6" Speed: 6,300 rpm  
With Hose



Industrial

**ST-7784** 9"  
Speed: 5,900 rpm Spindle: 5/8"-11  
**ST-77847** 7"  
Speed: 7,000 rpm Spindle: 5/8"-11  
**ST-77845** 5"  
Speed: 12,000 rpm Spindle: 5/8"-11  
Heavy Duty Vertical Grinder



Industrial

**ST-7789**  
9" Industrial Vertical Grinder  
(Side Exhaust)  
Speed: 6,500 rpm  
Spindle: M16x2.0

## Specification:

★ Recommend Air Pressure 6.2 bar (90psi)

Model No.	Motor (HP)	Collet		Free speed (r.p.m)	Overall Length		Air Inlet (PT)	Air hose (I.D.)	Avg. Air Consumption		Net Weight		Packing Pcs/ctn/w.g./cuft (kgs)
		mm	in		mm	in			l/min	cfm	kgs	lbs	
ST-7433(M)	0.9	6	1/4	14,600	390	15-7/20	3/8"	3/8"	540	19	1.68	3.7	10Pcs/Ctn/19/0.8'
ST-7433G(M)	0.9	6	1/4	14,600	345	13-29/50	3/8"	3/8"	540	19	1.3	2.86	10Pcs/Ctn/15/0.6'
ST-7438(M)	0.9	6	1/4	15,000	380	15	3/8"	3/8"	540	19	2	4.4	10Pcs/Ctn/22/1.6'
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/22/1.6'

Model No.	Motor (HP)	Disc Size (inch)	Free Speed (r.p.m.)	Spindle Size (Dia. x thread)	Overall Length		Air Inlet (PT)	Air hose (I.D.)	Avg. Air Consumption		Net Weight		Packing Pcs/ctn/w.g./cuft (kgs)
					mm	in			l/min	cfm	kgs	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/15/0.6'
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/15/0.6'

Model No.	Hp	Free Speed (r.p.m.)	Grinding Wheel		Spindle Size (Φ)	Overall Length		Air Inlet NPT (in.)	Air Hose I.D. (in.)	Weight (kgs)	Max. Air Consumption (cfm)
			in	mm		mm	in				
ST-7580L(H)	1.3	7,600	5 x 3/4 x 1/2	125 x 19 x 12.7	1/2 x 12	501	19-11/16	3/8	12-7/10	2.97	20
ST-7680L(H)	1.3	6,300	6 x 1 x 5/8	150 x 25 x 15.8	5/8 x 11	521	20-33/64	3/8	12-7/10	4.14	24
ST-7580(H)	1.3	7,600	5 x 3/4 x 1/2	125 x 19 x 12.7	1/2 x 12	400	15-3/4	3/8	12-7/10	2.97	20
ST-7680(H)	1.3	6,300	6 x 1 x 5/8	150 x 25 x 15.8	5/8 x 11	425	16-47/64	3/8	12-7/10	4.14	24

Model No.	Free Speed (r.p.m.)	Disc		Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
		mm	in	mm	in			l/min	cfm	kgs	lbs	
ST-7784	5,900	230	9	279	10-63/64	1/2"	3/4"	1130	40	5.8	12.87	4Pcs/Ctn/24.5/2.9'
ST-77847	7,000	178	7	247	9-23/32	1/2"	3/4"	1130	40	4	8.8	4Pcs/Ctn/22/2.5'
ST-77845	12,000	127	5	232	9-9/64	1/2"	3/4"	1130	40	2.8	6.2	6Pcs/Ctn/24.1/2.8'
ST-7789	6,500	230	9	320	12-3/5	1/2"	3/4"	1130	40	5.7	12.56	4Pcs/Ctn/26.5/2.32'





# Industrial Air Die Grinder & Angle Grinder **NEW**

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



**3** Swivel side-exhaust design, to prevent air exhaust disturbing to the operator.



**2** High precision spindle, for keeping good concentricity during the grinding operation.



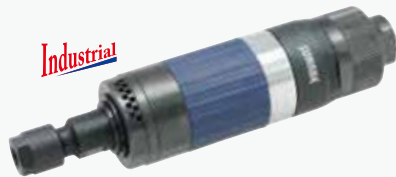
**4** 0.35hp (260 Watts) truly powerful motor, to provide great milling ability.



**ST-DG8202L** 1/4"  
**ST-DG8206L** 6mm  
Lever Type



**ST-DG8202L-6** 1/4"  
**ST-DG8206L-6** 6mm  
6" Extended Spindle  
Lever Type



**ST-DG8202G** 1/4"  
**ST-DG8206G** 6mm  
Rotary Switch Type



**ST-DG8202G-6** 1/4"  
**ST-DG8206G-6** 6mm  
6" Extended Spindle  
Rotary Switch Type



**1** **Safety lever**  
Safety lever to prevent accidental start up.

**2** **Side exhaust**

**3** **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)

## Specification:

★ Recommend Air Pressure: 6.2bar (90psi)

Model No.	Power (HP)	Collet		Free Speed (r.p.m)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight	
		in	mm		mm	in			l/min	cfm	kgs	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 (r.p.m)	Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Overall Length		Net Weight	
		mm	in					l/min	cfm	mm	in	kgs	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



# Industrial Air Angle Grinder

## Applications:

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



## Specification:

★ Recommend Air Pressure: 6.2bar (90psi)

Model No.	Disc Size		Spindle Size	Free Speed (r.p.m)	Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Overall Length		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
	mm	in					l/min	cfm	mm	in	kgs	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/13/1.8'
ST-GD505L6(-L)			5/8"-11UNF										
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/13/1.8'
ST-GD507L6(-L)			5/8"-11UNF										
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/13/1.8'
ST-GD507L3-P(PL)	180	7	M14 X 2.0	8,500			540	19	291	11-1/2	1.6	3.5	6Pcs/Ctn/13/1.8'



# Industrial & Professional Air Angle Grinder



Swivel Disc Protection



◆ Disc is not included.

- "A" Type: 9" Grinder- M14\*2.0 spindle
- 5" & 7" Grinder- 14mm x 1.5mm spindle
- "B" Type: 4" & 5" Grinder- 3/8"-24 spindle
- 7" & 9" Grinder- 5/8"-11 spindle
- "C" Type: 4" & 5" Grinder- 8mm x 1.25mm spindle
- 7" & 9" Grinder- 10mm x 1.5mm spindle

**ST-7851R** 4" (Spindle M10x1.5)  
**ST-7852R** 4-1/2" (Spindle M14x2.0)  
**ST-7853R** 5"  
 Angle Grinder

**ST-7744L-B(C)** 4" - Speed: 13,600 rpm  
**ST-7745L-A(B)(C)** 5" - Speed: 10,900 rpm  
**ST-7747L-A(B)(C)** 7" - Speed: 7,600 rpm  
**ST-7749L-A(B)(C)** 9" - Speed: 5,900 rpm  
 Angle Grinder (Lever Type)

**ST-7744G-B(C)** 4" - Speed: 13,600 rpm  
**ST-7745G-A(B)(C)** 5" - Speed: 10,900 rpm  
**ST-7747G-A(B)(C)** 7" - Speed: 7,600 rpm  
**ST-7749G-A(B)(C)** 9" - Speed: 5,900 rpm  
 Angle Grinder Roll Type  
 ★ Please indicate the spindle type when ordering



**ST-77364**  
 4" Mini Angle Grinder  
 (Lever Type)  
 Speed: 13,000 rpm



**ST-77364G**  
 4" Mini Angle Grinder  
 (Roll Type)  
 Speed: 13,000 rpm



**ST-77365** 4"  
**ST-77365-5** 5"  
 Air Angle Grinder  
 (Lever Type)



**ST-77365G** 4"  
**ST-77365G-5** 5"  
 Air Angle Grinder  
 (Roll Type)



**ST-7736** 4"  
**ST-7737** 5"  
 Angle Grinder  
 (Lever Type)  
 Speed: 11,000 rpm

**ST-7736G** 4"  
**ST-7737G** 5"  
 Angle Grinder  
 (Roll Type)  
 Speed: 11,000rpm



**ST-7843** 4"  
**ST-7842** 5"  
 Angle Grinder (Lever Type)  
 Speed: 11,000 rpm  
 Rear Exhaust



**ST-P7736** 4" M10x1.5 spindle  
**ST-P7736A** 4-1/2" 5/8x11 spindle  
**ST-P7737** 5" 5/8x11 spindle  
 100° Angle Grinder  
 Speed: 10,000 rpm



**ST-7741**  
 7" Angle Grinder (Lever Type)  
 Speed: 7,000 rpm

## Specification:

★ Recommend Air Pressure 6.2 bar (90psi)

Model No.	Free Speed (r.p.m.)	Disc Size (in)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
			mm	in			l/min	cfm	kgs	lbs	
ST-7851R	11,000	4	232	9-1/7	1/4"	3/8"	540	19	1.8	4.0	6pcs/Ctn/13/1.8'
ST-7852R	11,000	4-1/2	232	9-1/7	1/4"	3/8"	540	19	1.8	4.0	6pcs/Ctn/13/1.8'
ST-7853R	11,000	5	232	9-1/7	1/4"	3/8"	540	19	1.8	4.0	6pcs/Ctn/13/1.8'
ST-7744L-B(C)	13,600	4	208	8-1/5	1/4"	3/8"	540	19	1.5	3.3	10Pcs/Ctn/25/2.37'
ST-7745L-A(B)(C)	10,900	5	208	8-1/5	1/4"	3/8"	540	19	1.6	3.5	10Pcs/Ctn/26/2.37'
ST-7747L-A(B)(C)	7,600	7	254	10	3/8"	1/2"	820	29	3.1	6.8	6Pcs/Ctn/27/3.13'
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/27/3.13'
ST-7744G-B(C)	13,600	4	208	8-1/5	1/4"	3/8"	540	19	1.5	3.3	10Pcs/Ctn/25/2.37'
ST-7745G-A(B)(C)	10,900	5	208	8-1/5	1/4"	3/8"	540	19	1.6	3.5	10Pcs/Ctn/26/2.37'
ST-7747G-A(B)(C)	7,600	7	254	10	3/8"	1/2"	820	29	3.1	6.8	6Pcs/Ctn/27/3.13'
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/27/3.13'
ST-77364(G)	13,000	4	180	7	1/4"	3/8"	540	19	1.0	2.1	10/Ctn/12.6/1.5'
ST-77365(G)	12,000	4	220	8-2/3	1/4"	3/8"	540	19	1.6	3.5	10/Ctn/16/1.8'
ST-77365(G)-5	12,000	5	232	9-1/7	1/4"	3/8"	540	19	1.8	4.0	10/Ctn/16/1.8'
ST-7736(G)	11,000	4	230	9	1/4"	3/8"	540	19	1.8	4.0	10/Ctn/21/1.45'
ST-7737(G)	11,000	5	230	9	1/4"	3/8"	540	19	1.8	4.0	10/Ctn/21/1.45'
ST-7843	11,000	4	275	10-5/6	1/4"	3/8"	540	19	2.0	4.4	10/Ctn/21/1.45'
ST-7842	11,000	5	275	10-5/6	1/4"	3/8"	540	19	2.0	4.4	10/Ctn/21/1.45'
ST-7741	7,000	7	343	13-1/2	3/8"	1/2"	820	29	3.2	7.0	6/Ctn/24.3/2.53'
ST-P7736	10,000	4	210	8-1/4	1/4"	3/8"	540	19	1.5	3.3	10Pcs/Ctn/17/1.2'
ST-P7736A	10,000	4-1/2	210	8-1/4	1/4"	3/8"	540	19	1.5	3.3	10Pcs/Ctn/17/1.2'
ST-P7737	10,000	5	244	9-3/5	1/4"	3/8"	540	19	1.75	3.85	12Pcs/Ctn/21/0.8'



# 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.



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

**2 360° Rotation Air Exhaust Shutters**  
It provides different air exhaust directions for users.



• 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.



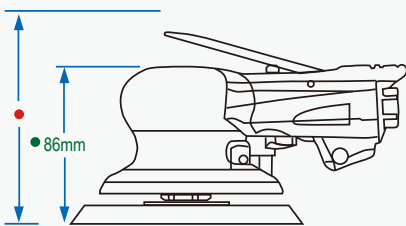
**3 Special Air Exhausted Design**  
For Self-Generated vacuum model. Air passage through copper muffler for noise reduction.



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



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



## Specification:

★ Recommend Air Pressure 6.2 bar (90psi)

Model No.	Sander Type	Orbit Diameter		Sanding Pad		Power		Free Speed (r.p.m.)	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



# Industrial Air Orbital Sander

## Features:

- ★ Ideal for flat surface finishing and sealer sanding with access to tight corners.
- ★ Precision-balanced structure and a powerful 0.24 hp motor offer optimal performance with less vibration in high production industrial applications.
- ★ Extended housing body design provides maximum comfort and control during prolonged use.

*Industrial*



LMN-40H Non-Vacuum  
 LMC-40H Central Vacuum  
 LMG-40H Self-Generated Vacuum  
 Speed :10,000 r.p.m.

*Industrial*



Non-Vacuum  
 LSC-78H Central Vacuum  
 LSG-78H Self-Generated Vacuum  
 Speed :10,000 r.p.m.

\*Available with Vacuum collection bag and inserts for self-generated model.

## Specification:

★ Recommend Air Pressure 6.2 bar (90psi)

Model No.	Sander Type	Orbit Diameter	Sanding Pad		Power		Free Speed (r.p.m.)	Air Consumption		Overall Length		Net Weight	
			mm	inch	Watts	HP		l/min	cfm	mm	inch	kg	lbs
LMN-40H(V)	Non-Vacuum	3mm(1/8")	75 x 100	3 x 4	179	0.24	10,000	480	17	157	6-1/6	0.67	1.47
LMC-40H(HM)	Central Vacuum	3mm(1/8")	75 x 100	3 x 4	179	0.24	10,000	480	17	201	8	0.70	1.54
LMG-40H(HM)	Self-Generated	3mm(1/8")	75 x 100	3 x 4	179	0.24	10,000	480	17	211	8-1/3	0.71	1.56
LSN-78H(V)	Non-Vacuum	3mm(1/8")	70 x 198	3 x 8	179	0.24	10,000	480	17	207	8-1/7	0.89	2.01
LSC-78H(HM)	Central Vacuum	3mm(1/8")	70 x 198	3 x 8	179	0.24	10,000	480	17	261	10-2/7	0.93	2.05
LSG-78H(HM)	Self-Generated	3mm(1/8")	70 x 198	3 x 8	179	0.24	10,000	480	17	271	10-2/3	0.94	2.07

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

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



# Industrial Air Two Handle Sander

## Features:

- ★ Ergonomic handle for comfortable grip.
- ★ Side handle as auxiliary control.
- ★ With two handle is suitable for upside down or parallel operation direction.
- ★ Well design shaft balancer provide steady orbital and enable pad endure force averagely .
- ★ External mounted hook to hang the tool on the wall conveniently.



### Non-Vacuum Geared Buffer

**ST-7010NC(S)-3** w/3" Pad  
**ST-7010NC(S)-5** w/5" Pad  
 Speed :3,000 r.p.m.

### Non-Vacuum 12mm Orbital Buffer

**ST-7020NC(S)-3** w/3" Pad  
**ST-7020NC(S)-5** w/5" Pad  
 Speed :10,000 r.p.m.



### Random 5mm(3/6") Orbital Sander

**ST-7000NC(S)-5** w/5" Pad **ST-7000NC(S)-6** w/6" Pad  
 Non-Vacuum  
 Speed :12,000 r.p.m.

**ST-7000DC(S)-5** w/5" Pad **ST-7000DC(S)-6** w/6" Pad  
 Central Vacuum  
 Speed :12,000 r.p.m.

**ST-7000VC(S)-5** w/5" Pad **ST-7000VC(S)-6** w/6" Pad  
 Self-Generated Vacuum  
 Speed :12,000 r.p.m.

\* For 2.5mm (3/32") Orbit Model No: **ST-7000xx-x-2.5**

\* For 10mm (3/8") Orbit Model No: **ST-7000xx-x-10**

## Specification:

★ Recommend Air Pressure 6.2 bar (90psi)

Model No.	Sanding Pad		Orbit Diameter (mm)	Free Speed (r.p.m)	Power		Air Inlet	Air Consumption		Length		Weight		Noise Level (dB(A))	Vibration Level (m/s <sup>2</sup> )
	mm	in			Watts	HP		l/min	cfm	mm	in	kg.	lbs.		
ST-7010NC(S)-3	76	3	-	3,000	343	0.46	1/4"	594	21	255.0	10.04	1.06	2.32	85	1.2
ST-7010NC(S)-5	127	5	-	3,000	343	0.46	1/4"	594	21	270.0	10.63	1.13	2.48	88	1.3
ST-7020NC(S)-3	76	3	12	10,000	343	0.46	1/4"	594	21	270.0	10.63	1.06	2.32	80	5.9
ST-7020NC(S)-5	127	5	12	10,000	343	0.46	1/4"	594	21	270.0	10.63	1.18	2.60	81	5.8
ST-7000NC(S)-5-2.5	127	5	2.5	12,000	343	0.46	1/4"	594	21	272.7	10.74	1.16	2.55	85	3.8
ST-7000NC(S)-5			5	12,000	343	0.46	1/4"	594	21	273.9	10.78	1.18	2.60	85	2.7
ST-7000NC(S)-5-10			10	12,000	343	0.46	1/4"	594	21	276.4	10.88	1.23	2.70	85	3.4
ST-7000NC(S)-6-2.5	152	6	2.5	12,000	343	0.46	1/4"	594	21	284.0	11.18	1.21	2.64	85	3.1
ST-7000NC(S)-6			5	12,000	343	0.46	1/4"	594	21	285.2	11.23	1.23	2.71	83	3.8
ST-7000NC(S)-6-10			10	12,000	343	0.46	1/4"	594	21	287.7	11.33	1.27	2.81	87	3.3
ST-7000DC(S)-5-2.5	127	5	2.5	12,000	343	0.46	1/4"	594	21	313.3	12.33	1.20	2.61	83	3.4
ST-7000DC(S)-5			5	12,000	343	0.46	1/4"	594	21	314.5	12.38	1.21	2.67	84	3.2
ST-7000DC(S)-5-10			10	12,000	343	0.46	1/4"	594	21	317.0	12.48	1.25	2.76	83	3.5
ST-7000DC(S)-6-2.5	152	6	2.5	12,000	343	0.46	1/4"	594	21	324.6	12.78	1.24	2.73	82	3.4
ST-7000DC(S)-6			5	12,000	343	0.46	1/4"	594	21	325.8	12.83	1.27	2.80	85	3.0
ST-7000DC(S)-6-10			10	12,000	343	0.46	1/4"	594	21	328.3	12.93	1.32	2.90	81	3.4
ST-7000VC(S)-5-2.5	127	5	2.5	12,000	343	0.46	1/4"	594	21	313.3	12.33	1.21	2.59	86	3.9
ST-7000VC(S)-5			5	12,000	343	0.46	1/4"	594	21	314.5	12.38	1.20	2.65	92	3.4
ST-7000VC(S)-5-10			10	12,000	343	0.46	1/4"	594	21	317.0	12.48	1.25	2.74	85	3.1
ST-7000VC(S)-6-2.5	152	6	2.5	12,000	343	0.46	1/4"	594	21	324.6	12.78	1.23	2.71	87	3.7
ST-7000VC(S)-6			5	12,000	343	0.46	1/4"	594	21	325.8	12.83	1.26	2.78	88	3.6
ST-7000VC(S)-6-10			10	12,000	343	0.46	1/4"	594	21	328.3	12.93	1.31	2.88	90	3.3

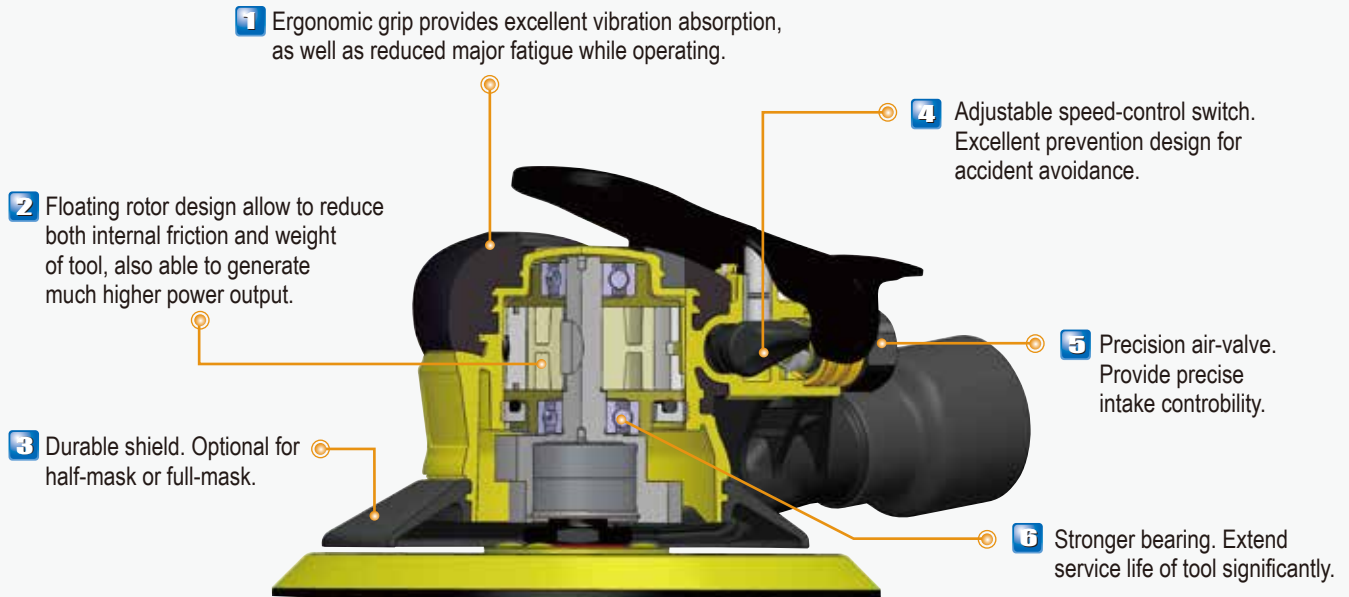
N: Non Vacuum    D: Central Vacuum    V: Self-Generated Vacuum    C: Hook Pad    S: Stick Pad    5: 5" Pad    6: 6" Pad



# Professional Air 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.



**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  
 With Full Mask



**OSG-P50H(V)** w/5" Pad  
**OSG-P60H(V)** w/6" Pad  
 Self-Generated Vacuum

## Specification:

★ Recommend Air Pressure 6.2 bar (90psi)

Model No.	Free Speed (r.p.m.)	Orbit Diameter		Power		Air Inlet	Hose Size	Net Weight		Overall Length		Air Consumption		Packing Pcs/Ctn/G.W./Cuft (kgs)
		Standard	Option	Watts	HP			kgs	lbs	mm	in	l/min	cfm	
<b>OSN-P50H(V)</b>	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/13.5/2.1'
<b>OSN-P60H(V)</b>	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/13.5/2.1'
<b>OSC-P50H(V)</b>	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/13.5/2.1'
<b>OSC-P60H(V)</b>	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/13.5/2.1'
<b>OSC-P60H(M)F</b>	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/15.1/2.5'
<b>OSG-P50H(V)</b>	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/13.5/2.2'
<b>OSG-P60H(V)</b>	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/13.5/2.2'

\*H: Hook Pad V: Vinyl Pad F: Full Mask HM: Multi-Hole Pad

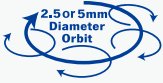
\*For 2.5mm Orbit Model No.: xxx-xxxx-2.5



# 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  
11,000 r.p.m.



ST-7138DC(S)-5  
w/5" Pad

ST-7138DC(S)-6  
w/6" Pad  
Central Vacuum  
11,000 r.p.m.



ST-7138VC(S)-5  
w/5" Pad

ST-7138VC(S)-6  
w/6" Pad  
Self-Generated Vacuum  
11,000 r.p.m.



Industrial



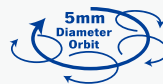
ST-7106C(S) w/5" Pad  
ST-7107C(S) w/6" Pad  
3 in 1 Orbital Sander (Non-Vacuum,  
Self-Generated & Central Vacuum) (10,000 r.p.m.)



ST-7108NC(S)-5 ST-7108NC(S)-6  
ST-7108DC(S)-5 ST-7108DC(S)-6  
ST-7108VC(S)-5 ST-7108VC(S)-6  
(10,000 r.p.m.)



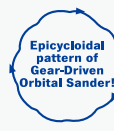
ST-7108SDC(S)-6 Central Vacuum  
ST-7108SVC(S)-6 Self-Generated  
Dual Suction Shroud  
(10,000 r.p.m.)



ST-7101 w/6" Pad  
ST-7101-5 w/5" Pad  
Air Self Vacuuming Sander  
(10,000 r.p.m.)



ST-7118NC(S)-5(6) Non Vacuum  
ST-7118DC(S)-5(6) Central Vacuum  
ST-7118VC(S)-5(6) Self Generated  
(9,000 r.p.m.)



ST-7110NC(S)-5(6)(8)  
ST-7110DC(S)-5(6)(8)  
ST-7110VC(S)-5(6)(8)  
(900 r.p.m.)

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

## Specification:

★ Recommend Air Pressure: 6.2 bar (90psi)

Model No.	Sanding Pad		Orbit Diameter (mm)		Free Speed (r.p.m.)	Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
	inch	mm	standard	option				l/min	cfm	kgs	lbs	
ST-7138NC(S)	5/6	125/150	5	2.5	11,000	1/4"	3/8"	430	15	0.9	2	10Pcs/Ctn/12.5/1.7'
ST-7138DC(S)	5/6	125/150	5	2.5	11,000	1/4"	3/8"	430	15	0.9	2	10Pcs/Ctn/12.5/1.7'
ST-7138VC(S)	5/6	125/150	5	2.5	11,000	1/4"	3/8"	430	15	0.9	2	6Pcs/Ctn/10/2'
ST-7106C(S)	5	125	5	2.5	10,000	1/4"	3/8"	430	15	0.77	1.69	12Pcs/Ctn/14.5/2.5'
ST-7107C(S)	6	150	5	2.5	10,000	1/4"	3/8"	430	15	0.77	1.69	12Pcd/Ctn/14.5/2.5'
ST-7108NC(S)	5/6	125/150	5	2.5	10,000	1/4"	3/8"	430	15	1.0	2.2	6Pcs/Ctn/9.26/1.1'
ST-7108DC(S)	5/6	125/150	5	2.5	10,000	1/4"	3/8"	430	15	1.0	2.2	6Pcs/Ctn/9.26/1.1'
ST-7108VC(S)	5/6	125/150	5	2.5	10,000	1/4"	3/8"	430	15	1.0	2.2	6Pcs/Ctn/10/2'
ST-7108SDC(S)	6	150	5	2.5	10,000	1/4"	3/8"	430	15	1.0	2.2	6Pcs/Ctn/9.26/1.1'
ST-7108SVC(S)	6	150	5	2.5	10,000	1/4"	3/8"	430	15	1.0	2.2	6Pcs/Ctn/10/2'
ST-7101(-5)	5/6	125/150		5	10,000	1/4"	3/8"	430	15	1.1	2.43	12Pcs/Ctn/20.5/2.2'
ST-7118NC(S)	5/6	125/150		5	9,000	1/4"	3/8"	430	15	1.3	2.9	6Pcs/Ctn/10/1.8'
ST-7118DC(S)	5/6	125/150		5	9,000	1/4"	3/8"	430	15	1.3	2.9	6Pcs/Ctn/10/1.8'
ST-7118VC(S)	5/6	125/150		5	9,000	1/4"	3/8"	430	15	1.3	2.9	6Pcs/Ctn/10/1.8'
ST-7110NC(S)	5/6/8	125/150		5	900	1/4"	3/8"	430	15	1.4	3.1	6Pcs/Ctn/10/2'
ST-7110DC(S)	5/6/8	125/150		5	900	1/4"	3/8"	430	15	1.4	3.1	6Pcs/Ctn/10/2'
ST-7110VC(S)	5/6/8	125/150		5	900	1/4"	3/8"	430	15	1.4	3.1	6Pcs/Ctn/10/2'





# Professional Air Sander



**ST-7111NC**  
Non-Vacuum

**ST-7111DC**  
Central-Vacuum

**ST-7111VC**  
Self-Generated Vacuum Jitterbug Sander  
W/ Hook Pad (75x100mm) (10,000 rpm)



**ST-7113NC**  
Non-Vacuum

**ST-7113DC**  
Central-Vacuum

**ST-7113VC**  
Self-Generated Vacuum Jitterbug Sander  
W/ Hook Pad (100X180mm) (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** 20,000 rpm  
Air Palm Sander



**ST-7717S** 15,000 rpm  
Air Palm Sander



**ST-7718**  
Air Orbital Sander  
Speed: 8,000 rpm

**ST-7719**  
Straight Line Air Sander  
(Two Pistons)  
Speed: 2,500 rpm



**ST-7715P**  
D/A Air Sander  
W/ 6" Stick Pad

**ST-7715P-V**  
D/A Air Sander  
W/ 6" Hook Pad  
Speed: 10,000 rpm



## Specification:

★ Recommend Air Pressure: 6.2 bar (90psi)

Model No.	Sanding Pad		Orbit Diameter (mm)	Free Speed (r.p.m.)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
	mm	inch			mm	in			l/min	cfm	kgs	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/6/1.1'
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/6/1.1'
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/8/1.1'
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/8/1.1'
ST-7114NC	-	-	3.2	10,000	145	5-5/7	1/4"	3/8"	430	15	0.7	1.5	12Pcs/Ctn/9/2.0'
ST-7114DC(VC)	-	-	3.2	10,000	185	7-2/7	1/4"	3/8"	430	15	0.7	1.5	12Pcs/Ctn/9/2.0'
ST-7717	100 x 100	4 x 4-3/8	1.6	20,000	127	5	1/4"	3/8"	370	13	0.5	1.1	20Pcs/Ctn/18/2.3'
ST-7717S	75 x 82	2-15/16 x 3-7/32	1.2	15,000	127	5	1/4"	3/8"	370	13	0.5	1.1	20Pcs/Ctn/17/2.3'
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/22/1.34'
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/21/1.24'
ST-7715P(-V)	153	6	-	10,000	254	10	1/4"	3/8"	430	15	1.85	4.1	10Pcs/Ctn/22.7/1.2'



# 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  
Speed: 4,500 rpm



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



**ST-7774**  
7" Angle Polisher  
Speed: 2,500 rpm  
**7773-48**  
7" Sanding Pad



**ST-7773**  
7" Angle Sander  
Speed: 4,500 rpm  
**7773-48**  
7" Sanding Pad



**ST-7770**  
7" Vertical Air Polisher  
Speed: 2,000 rpm  
**7770-42**  
7" Sanding Pad



**ST-7770S**  
7" Vertical Air Sander  
Speed: 4,000 rpm  
**7770S-42**  
7" Sanding Pad

## Specification:

★ Recommend Air Pressure 6.2 bar (90psi)

Model No.	Sanding Pad		Spindle Thread (UNC)	Free Speed (r.p.m.)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
	mm	inch			mm	in			l/min	cfm	kgs	lbs	
ST-7785	125	5	5/8"-11	4,500	305	12	1/4"	3/8"	480	17	2.0	4.41	10Pcs/Ctn/23.5/1.95'
ST-7786	150	6	5/8"-11	4,500	305	12	1/4"	3/8"	480	17	2.0	4.41	10Pcs/Ctn/23.5/1.95'
ST-7787	180	7	5/8"-11	4,500	305	12	1/4"	3/8"	480	17	2.0	4.41	10Pcs/Ctn/23.5/1.95'
ST-7788	200	8	5/8"-11	4,500	305	12	1/4"	3/8"	480	17	2.0	4.41	10Pcs/Ctn/23.5/1.95'
ST-7795	125	5	5/8"-11	2,500	305	12	1/4"	3/8"	480	17	2.0	4.41	10Pcs/Ctn/23.5/1.95'
ST-7796	150	6	5/8"-11	2,500	305	12	1/4"	3/8"	480	17	2.0	4.41	10Pcs/Ctn/23.5/1.95'
ST-7797	180	7	5/8"-11	2,500	305	12	1/4"	3/8"	480	17	2.0	4.41	10Pcs/Ctn/23.5/1.95'
ST-7798	200	8	5/8"-11	2,500	305	12	1/4"	3/8"	480	17	2.0	4.41	10Pcs/Ctn/23.5/1.95'
ST-7774	180	7	5/8"-11	2,500	406	16	1/4"	3/8"	480	17	2.9	6.38	6Pcs/Ctn/18/2'
ST-7773	180	7	5/8"-11	4,500	406	16	1/4"	3/8"	480	17	2.0	4.41	6Pcs/Ctn/18/2'
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/22.3/1.2'
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/23.3/2.3'



# Sanding Disc / Pad

P-20NC(S)1, P-20NC(S)2 2" Pad  Pin Spindle: P-20NC(S)1 W/ $\phi$ M6 x 20mm (L) P-20NC(S)2 W/ $\phi$ 1/4" x 13/16" (L)	P-A20NC(S) 2" Pad  5/16"-24UNF	P-A30NC(S) 3" Pad  5/16"-24UNF	P-C5C(S), P-C6C(S) 5" or 6" Pad 	P-D5C(S), P-D6C(S) 5" or 6" Pad 	P-B6VC, P-PB6VS 6" Pad 
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P-P50NC, P-P50NS 5" Pad 	P-P55VC, P-P55VS 5" Pad 	P-P60NC, P-P60NS 6" Pad 	P-P66VC, P-P66VS 6" Pad 	P-G50NC, P-G50NS 5" Pad 	P-G60NC, P-G60NS 6" Pad 
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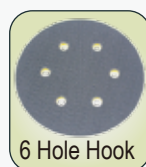
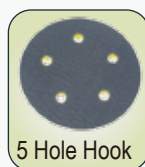
P-G55VC, P-G55VS 5" Pad 	P-G56VC, P-G56VS 5" Pad 	P-G66VC, P-G66VS 6" Pad 	P-G614VC 6" Pad 	P-G653VC 6" Pad 	P-G664VC 6" Pad 
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P-R8VFC, P-R8VFS  93 x 176mm	P-R8VC, P-R8VS  93 x 176mm	P-R8NC, P-R8NS  93 x 176mm
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P-R10VFC, P-R10VFS  112 x 220mm	P-R11NC, P-R11NS  112 x 220mm	P-R11VC, P-R11VS  112 x 220mm
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SD-2AK 	SD-2BK 	SD-3AK 	SD-3BK 
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P: Pad  
V: Vacuum  
N: Non-Vacuum  
R: Rectangle





# Professional Air Belt Sander (Composite Handle)

**1** Full composite body to make better weight balance and improve ergonomics and reduce hand strain.

**2** 0.6HP motor delivers great power output.

**3** Adjustable arm for user comfort and multiple applications.

**4** Built-in regulator for adjusting the speed according to the user's needs.



**ST-BS110A** 6x330 mm  
**ST-BS110B** 10x330 mm  
Air Belt Sander  
With 3pcs Belt  
(#80, #100, #120)  
Speed: 17,000 r.p.m.



**ST-BS110E** 1/2"x18"(13x457mm)  
**ST-BS110C** 1/2"x24"(12.7x610 mm)  
Air Belt Sander  
With 2pcs Belt  
(#80, #100)  
Speed: 17,000 r.p.m.



**NEW**  
**ST-CT160**  
3" Air Cut-off Tool



**ST-BS110G** 20x520 mm  
Air Belt Sander  
With 2pcs Belt (#80, #100)  
Speed: 16,000 r.p.m.



**ST-BS111G** Iron Pulley  
**ST-BS112G** Rubber Pulley  
55° Bendable Air Belt Sander  
With 2pcs Belt (20x520mm, #80, #100)  
Speed: 16,000 r.p.m.



**ST-BS111K**  
Air Belt Sander Kit  
With 5pcs Idler Pulleys &  
1 Belt (10x330mm, #100)  
Speed: 16,000 r.p.m.

## Specification:

★ Recommend Air Pressure 6.2 bar (90psi)

Model No.	Sanding Pad		Free Speed (r.p.m.)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
	mm	inch		mm	in			l/min	cfm	kgs	lbs	
ST-BS110A	6x330	6/25x13	17,000	320	12-3/5	1/4"	3/8"	480	17	0.82	1.8	10PCS/Ctn/11/1.4'
ST-BS110B	10x330	3/8x13	17,000	320	12-3/5	1/4"	3/8"	480	17	0.8	1.8	10PCS/Ctn/11/1.8'
ST-BS110C	12.7x610	1/2x24	17,000	455	17-9/10	1/4"	3/8"	480	17	0.97	2.1	10PCS/Ctn/11/1.4'
ST-BS110E	13x457	1/2x18	17,000	385	15-1/6	1/4"	3/8"	480	17	0.85	1.91	10PCS/Ctn/13/1.4'
ST-BS110G	20x520	7/8x20	16,000	430	17	1/4"	3/8"	480	17	1.23	2.7	10PCS/Ctn/18/1.7'
ST-BS111G	20x520	7/8x20	16,000	370	14-3/5	1/4"	3/8"	480	17	1.27	2.8	10PCS/Ctn/17/1.9'
ST-BS112G	20x520	7/8x20	16,000	370	14-3/5	1/4"	3/8"	480	17	1.27	2.8	10PCS/Ctn/17/1.9'
ST-BS111K	3x330	3/25x13	16,000	320	12-3/5	1/4"	3/8"	480	17	0.85	1.80	10PCS/Ctn/11/1.4'
	6x330	6/25x13										
	10x330	3/8x13										
	20x330	3/4x13										
	20x520	3/4x20										

Model No.	Free Speed (r.p.m.)	Overall Length		Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
		mm	in	l/min	cfm	kgs	lbs	
ST-CT160	17,000	210	8-1/6	368	13	0.81	1.79	10Pcs/Ctn/11/1.03'



# Industrial Air Belt Sander Professional Punch & Flange / Spot Drill



**ST-C700**

10x330 mm  
Speed: 18,000 r.p.m.  
With 3pcs Belt  
(#80, #100, #120)  
Low Noise≤85dB(A)±3  
Composite housing



**ST-C703**

20x520 mm  
Speed: 18,000 r.p.m.  
With 2pcs Belt (#80, #100)  
Low Noise≤85dB(A)  
Composite Body



**ST-C702**

19x457 mm  
Speed: 18,000 r.p.m.  
**Without Belt**  
Low Noise≤85dB(A)  
Composite housing



**ST-6652D** Dia.:φ5mm  
**ST-6652DA** Dia.:φ8mm  
Air Punch & Flange



**ST-6653D** Dia.:φ5mm  
**ST-6653DA** Dia.:φ8mm  
Air Punch & Flange

**ST-M5071**

Air Spot Drill φ 8mm  
with 2" Clamp  
Speed: 1,600 rpm



**ST-M5071D**

Air Spot Drill φ 8mm  
with 5.5" Clamp  
Speed: 1,600 rpm



**ST-M5071K**

Air Spot Drill Kit  
Contents:  
1- ST-M5071 Spot Drill  
2- 8mm Drill Bit  
2- 6.5mm Drill Bit  
1- Mini oiler  
1- Swivel Connector  
1- Wrench



**ST-M5071DK**

Air Spot Drill Kit  
Contents:  
1- ST-M5071D Spot Drill  
2- 8mm Drill Bit  
2- 6.5mm Drill Bit  
1- 5.5" Clamp  
1- Mini oiler  
1- Swivel Connector  
1- Wrench



## Specification:

★ Recommend Air Pressure: 6.2bar (90psi)

Model No.	Sanding Pad		Free Speed (r.p.m.)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
	mm	inch		mm	in			l/min	cfm	kgs	lbs	
ST-C700	10x330	3/8x13	18,000	305	12	1/4"	3/8"	480	17	0.8	1.76	10PCS/Ctn/9/1.0'
ST-C703	20x520	7/8x20	18,000	375	14-3/4	1/4"	3/8"	480	17	1.2	2.64	10PCS/Ctn/15/1.9'
ST-C702	19x457	3/4x18	18,000	312	12-2/7	1/4"	3/8"	480	17	1.2	2.64	10PCS/Ctn/15/1.9'

Model No.	Capacity (mm)	Punch Hole (Dia.) (mm)	Overall Length		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
			mm	inch	kgs	lbs	
ST-6652D(A)	1.6(1.2)	5(8)	250	10	1.15	2.53	10Pcs/Ctn/14/1.2
ST-6653D(A)	1.6(1.2)	5(8)	190	7-1/2	1.2	2.64	10Pcs/Ctn/15/1.2'

Model No.	Drilling Cap		Free Speed (r.p.m.)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
	mm	in		mm	in			l/min	cfm	kgs	lbs	
ST-M5071(D)	8	6-1/2	1,600	235	9-1/4	1/4"	3/8"	170	6	1.7	3.8	10Pcs/Ctn/18/1.4'



# Professional Vibration-Reduction Air Hammer

- 1 Patented Exhaust Way Switch Structure allows operator to change to front or rear exhaust direction.
- 2 Patented rubber sleeve provides better safety during the change of chisels.
- 3 Patented integrated quick change retainer allows operator quickly change the chisel and extends tool's life.
- 4 Patented Vibration-Damped Valve reduced hand occupational injury.
- 5 Covered rubber grip provides better user comforts.

## Front and Rear switchable Exhaust

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

ST-2248S/H 250mm  
ST-2248S/R 250mm

Vibration Reduction Air Hammer



## Rear Exhaust

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

ST-2248/H 250mm  
ST-2248/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



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-M5080/H (Hex)  
ST-M5080/R (Round)  
190mm Heavy Duty Air Hammer  
w/ 4pc 5" Chisels  
(3,000 b.p.m)

ST-M5081/H (Hex)  
ST-M5081/R (Round)  
250mm Heavy Duty Air Hammer  
w/ 4pc 5" Chisels  
(2,100 b.p.m)

**NEW**



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)

**NEW**



ST-2247K/H(R)-1  
Air Hammer, Chisel & Needle Scaler Kit

Contents:  
1- Air Hammer(ST-2247/H(R))  
1- Needle Scaler Attachment (ø3mmx180mm(L)x19pcs Needles)  
4- 5" Chisels  
1- Quick Change Retainer(ST-20020)  
1- Retainer Spring(ST-2001)  
1- Air Nipple

**NEW**



ST-2248K/H(R)-1  
Air Hammer, Chisel & Needle Scaler Kit

Contents:  
1- Air Hammer(ST-2248/H(R))  
1- Needle Scaler Attachment (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



2215-RS  
Reinforced piano wire



ST-2002  
Quick change



ST-20020  
Quick change retainer



ST-20021  
Quick change retainer

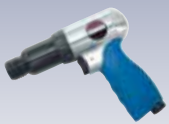


ST-20022  
Quick change retainer

## Specification:

★ Recommend Air Pressure: 6.2 bar (90psi)

Model No.	Chisel Shank (inch)	Bore Diameter (I.D.)		Piston Stroke Length		Blow Per Min (b.p.m.)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
		mm	inch	mm	inch		mm	in			l/min	cfm	kgs	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/18/0.8'
ST-2247(QC)S/R	Round: 0.401"						227	(QC)9							10Pcs/Ctn/21/1'(QC)
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/21/1'
ST-2248(QC)S/R	Round: 0.401"						243	(QC)9-4/7							8Pcs/Ctn/20/1.3'(QC)
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/18/0.8'
ST-2247(QC)R	Round: 0.401"						230	(QC)9							10Pcs/Ctn/21/1'(QC)
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/21/1'
ST-2248(QC)R	Round: 0.401"						270	(QC)10-5/8							8Pcs/Ctn/20/1.3'(QC)
ST-M5080/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/20/1.2'
ST-M5081/H(R)	Round: 0.401"			76	3		2,100	235					9-1/4	2.3	5.06



# Professional Air Hammer



Chisel



**ST-M3008/H** (Hex)  
**ST-M3008/R** (Round)  
150mm Air Hammer  
W/4pc 5"(125mm) chisels  
4,300 b.p.m



**ST-M3009/H** (Hex)  
**ST-M3009/R** (Round)  
190mm Air Hammer  
W/4pc 5"(125mm) chisels  
3,200 b.p.m



**ST-M3009K/H** (Hex)  
**ST-M3009K/R** (Round)  
190mm 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)  
150mm Air Hammer  
4,500 b.p.m

**ST-2212/H** (Hex)  
**ST-2212/R** (Round)  
190mm Air Hammer  
3,000 b.p.m



**ST-2210/H** (Hex)  
**ST-2210/R** (Round)  
ST-2211/H(R) W/4pc chisels  
4,500 b.p.m



**ST-2220/H** (Hex)  
**ST-2220/R** (Round)  
ST-2212/H(R) W/4pc chisels  
3,000 b.p.m



**ST-2213/H** (Hex)  
**ST-2213/R** (Round)  
250mm Air Hammer  
2,200 b.p.m



**ST-2212K/H** (Hex)  
**ST-2212K/R** (Round)  
10Pcs 190mm Air Hammer Kit  
Contents:  
1- Air Hammer (ST-2212/H(R))  
1- Nipple  
1- Mini oiler  
1- Spring retainer  
5- 7" chisels

**ST-2230/H** (Hex)  
**ST-2230/R** (Round)  
ST-2213/H(R) W/4pc chisels  
2,200 b.p.m



**ST-2215K/H** (Hex)  
**ST-2215K/R** (Round)  
190mm 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 b.p.m.



**ST-3300**  
Air Speed Nailer  
1,000 b.p.m.



Speed Nailer

## Specification:

★Recommend Air Pressure: 6.2 bar (90psi)

Model No.	Chisel Shank (inch)		Bore Diameter (I.D.)		Piston Stroke Length		Blow Per Min (b.p.m.)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
	Round	Hex	mm	in	mm	in		mm	in			l/min	cfm	kgs	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/18/0.8'
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/18/1.25'
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/13.0/0.7'
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/21/1.25'
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/21.0/1.3'
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/20/1'

Model No.	Stroke per Min (BPM)	Overall Length		Net Weight		Work Air Consumption		Packing Pcs/Ctn/G.W./Cuft(kgs)
		mm	in	kgs	lbs	l/min	cfm	
ST-3300	1,000	127	5	1.2	2.64	170	6	10Pcs/Ctn/12.5/0.8'
ST-3310	1,000	100	4	1	2.2	170	6	10Pcs/Ctn/11/0.7'



# Professional Air Needle Scaler / Scaling Hammer



**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 b.p.m.)



**ST-2275**  
Air Needle Scaler  
(4,000 b.p.m.)



**ST-2272**  
Air Scaling Hammer  
(Roll Type) 7,000 b.p.m.

**ST-2272L**  
Air Scaling Hammer  
(Lever Type)



**ST-2274**  
Air Scaling Hammer (2,400 b.p.m.)



**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 b.p.m.)



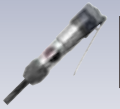
**ST-2273K** Long Reach Scaler Kit  
Contents:  
4- Chisels-100mm,70mm,50mm,40mm Width  
2- 500mm & 1pcs 300mm Pipes  
1- Hex Wrench  
1- Rubber Cover

## Specification:

★ Recommend Air Pressure: 6.2 bar (90psi)

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 Pcs/Ctn/G.W./Cuft (kgs)
						l/min	cfm		mm	inch	
ST-NS11A-H(R)	-	Ø3X180X19Pcs	-	-	-	-	-	0.9	230	9	20Pcs/Ctn/20/0.6'
ST-NS12A-H(R)	-	Ø3X180X19Pcs	-	-	-	-	-	0.9	280	11	20Pcs/Ctn/20/0.9'
ST-2271/H(R)	-	Ø3X180X19Pcs	-	-	-	-	-	1.05	227	9	20Pcs/Ctn/22/0.6'
ST-2560	4,000	Ø3X180X12Pcs	-	27	3/8"	230	8	2.4	345	13-4/7	6Pcs/Ctn/15/0.7'
ST-2275	4,000	Ø3X180X19Pcs	-	34	1/4"	230	8	2.5	410	16-1/7	6Pcs/Ctn/17.6/1.45'
ST-2272	7,000	-	-	38	1/4"	283	10	2.3	560	22	6Pcs/Ctn/15.7/1'
ST-2272L	7,000	-	-	38	3/8"	283	10	2.4	550	21-2/3	6Pcs/Ctn/16.1/1'
ST-2274	2,400	-	-	26	3/8"	283	10	4.0	550	21-2/3	4Pcs/Ctn/20.5/1.6'
ST-2273-3L	2,400	Chisel width 100mm	70, 50, 40mm	38	1/4"	283	10	5	620	24-2/5	4Pcs/Ctn/24/1.7'
ST-2273-4L	2,400	Chisel width 100mm	70, 50, 40mm	38	1/4"	283	10	6.5	1220	48	2Pcs/Ctn/15/0.9'
ST-2273-5L	2,400	Chisel width 100mm	70, 50, 40mm	38	1/4"	283	10	7.3	1520	59-5/6	2Pcs/Ctn/17.1/0.9'
ST-2273-6L	2,400	Chisel width 100mm	70, 50, 40mm	38	1/4"	283	10	8	1820	71-2/3	2Pcs/Ctn/20/0.9'





# Professional Air Needle Scaler / Flux Chipper



Chisel



**ST-2558**  
Air Needle Scaler  
5,000 b.p.m.



**ST-2557**  
Air Needle Scaler  
4,650 b.p.m.



**ST-2556**  
Air Needle Scaler  
4,550 b.p.m.



**ST-2550**  
Air Needle Scaler  
3,700 b.p.m.



**ST-2558F**  
Air Flux Chipper  
4,800 b.p.m.



**ST-2557F**  
Air Flux Chipper  
5,000 b.p.m.



**ST-2556F**  
Air Flux Chipper  
4,800 b.p.m.



**ST-2551**  
Air Flux Chipper  
2,700 b.p.m.



**ST-2555**  
Air Needle Scaler  
3,800 b.p.m.



**ST-2561**  
Air Needle Scaler  
4,000 b.p.m.



**ST-2553A**  
Air Needle Scaler W/Vacuum  
3,500 b.p.m.



**ST-2553**  
Air Needle Scaler  
3,800 b.p.m.



**ST-2552**  
Air Flux Chipper  
2,700 b.p.m.

## Specification:

★ Recommend Air Pressure: 6.2 bar (90psi)

Model No.	Blow Per Min. (b.p.m.)	No. of Needle	Needle Option (Chisel Width Option)	Piston Stroke (mm)	Air Inlet (PT)	Air Consumption		Weight (kg)	Overall Length (mm)	Packing Pcs/Ctn/G.W./Cuft (kgs)
						l/min	cfm			
ST-2558	5,000	Ø3X125X12Pcs	-	32	1/4"	230	8	1.3	290	10Pcs/Ctn/14.6/0.5'
ST-2557	4,650	Ø3X180X19Pcs	-	33	1/4"	230	8	2.7	420	6Pcs/Ctn/18/0.6'
ST-2556	4,550	Ø3X180X19Pcs	-	38	1/4"	230	8	2.8	460	6Pcs/Ctn/18/0.6'
ST-2550	3,700	Ø3X180X19Pcs	Ø2X180X29Pcs	33	1/4"	283	10	2.8	375	6Pcs/Ctn/17/0.4'
ST-2555	3,800	Ø3X180X19Pcs	Ø2X180X29Pcs	33	1/4"	283	10	2.7	330	6Pcs/Ctn/21/1.2'
ST-2561	4,000	Ø3X180X23Pcs	Ø2X180X53Pcs	27	3/8"	283	10	2.8	335	6Pcs/Ctn/19/1.3'
ST-2553A	3,500	Ø3X180X28Pcs	Ø2X180X66Pcs Ø4X180X14Pcs	28	3/8"	283	10	4.2	345	6Pcs/Ctn/27/1.3'
ST-2553	3,800	Ø3X180X28Pcs	Ø2X180X66Pcs Ø4X180X14Pcs	28	3/8"	283	10	3.6	350	6Pcs/Ctn/24.8/1.3'

Model No.	Blow Per Min. (b.p.m.)	Chisel Shank	Piston Stroke (mm)	Air Inlet (PT)	Air Consumption		Weight (kg)	Overall Length (mm)	Packing Pcs/Ctn/G.W./Cuft (kgs)
					l/min	cfm			
ST-2558F	4,800	round	32	1/4"	170	6	1.1	235	10Pcs/Ctn/12/0.5'
ST-2557F	5,000	square	33	1/4"	200	7	2.6	420	10Pcs/Ctn/18/0.5'
ST-2556F	4,800	round	38	1/4"	200	7	2.1	380	10Pcs/Ctn/22/0.7'
ST-2551	2,700	square	33	1/4"	283	10	2.2	335	6Pcs/Ctn/15/0.3'
ST-2552	2,700	square	33	1/4"	283	10	2.6	295	6Pcs/Ctn/15/0.5'



# Industrial Air Chipping Hammer



Chisel



**ST-2101/H(R)** 1-4/5" Piston Stroke(2,400 b.p.m.)  
Air Chipping Hammer  
(H: Hex Shank, R: Round Shank)



**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)



**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 b.p.m.)



**ST-2200A/H** (Hex)  
**ST-2200A/R** (Round)  
Mini Air Chipping Hammer  
W/Retainer (3,000 b.p.m.)

## Specification:

★ Recommend Air Pressure: 6.2 bar (90psi)

Model No.	Chisel shank	Piston Diameter		Piston Stroke		Blow Per Min (b.p.m.)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
		mm	inch	mm	inch		mm	in			l/min	cfm	kgs	lbs	
ST-2101/H	Hex: 14.7 mm	14.7	4/5	46	1-4/5	2,400	390	15-3/10	3/8"	3/8"	650	23	5.4	11.9	2Pcs/Ctn/17.6/0.95'
ST-2101/R	Round: 17.3 mm	14.7	4/5	46	1-4/5	2,400	390	15-3/10	3/8"	3/8"	650	23	5.4	11.9	2Pcs/Ctn/17.6/0.95'
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/17.6/0.95'
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/17.6/0.95'
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/18.5/1.01'
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/18.5/1.01'
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/19.6/1.07'
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/19.6/1.07'
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	5.5	12.1	2Pcs/Ctn/15.7/0.87'
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	5.5	12.1	2Pcs/Ctn/15.7/0.87'
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/15.9/1'
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/15.9/1'
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	6.5	14.3	2Pcs/Ctn/17/1'
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	6.5	14.3	2Pcs/Ctn/17/1'
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	7.0	15.4	2Pcs/Ctn/19/1.08'
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	7.0	15.4	2Pcs/Ctn/19/1.08'
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/19.5/0.5'
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/19.5/0.5'
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/31.5/1.5'
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/31.5/1.5'



# Industrial Air Riveting Hammer



Chisel

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



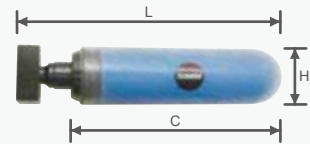
**2** 360° Exhaust design.



[Nitto] plug only



ST-2510(A)  
ST-2516(A)  
Vibration-Damped Bucking Bar



### Dimensions:

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

ST-24002  
ST-24003

Air Riveting Hammer  
Piston type

**3** Ergonomically new aluminum housing.

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

**5** Handle designed for maximum effectiveness and operator comfort.

Industrial



ST-24001

Air Riveting Hammer  
Piston type



SL: Lever Start

Industrial



ST-2401S(SL)  
1" Straight type

ST-2403S(SL)  
3" Straight type

Industrial



ST-2401  
1" Pistol type

ST-2403  
3" Pistol type

Industrial



ST-2405  
5" Pistol type

ST-2409  
9" Pistol type

ST-2407  
7" Pistol type

ST-2402S(SL)  
2" Straight type

ST-2404S(SL)  
4" Straight type

ST-2402  
2" Pistol type

ST-2404  
4" Pistol type

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

### Specification:

★ Recommend Air Pressure: 6.2 bar (90psi)

Model No.	Chisel Shank (inch)	Bore Diameter (I.D.)		Piston Stroke Length		Blow Per Min (b.p.m.)	Rivet Nuts		Overall Length		Air Inlet (PT) (inch)	Air Hose (I.D.) (inch)	Air Consumption		Net Weight	
		Dia.	mm	inch	mm		inch	Steel	Alum	mm			in	l/min	cfm	kgs
ST-24001	0.401	15.24	19/32	40	1-37/64	3,690	-	-	180	7-1/10	1/4	3/8	400	14	1.1	2.4
ST-24002	0.401	15.24	19/32	102	4-1/64	2,160	-	-	225	8-43/50	1/4	3/8	400	14	1.35	2.98
ST-24003	0.401	15.24	19/32	137	5-25/64	1,440	-	-	280	11	1/4	3/8	400	14	1.50	3.31
ST-2401	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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



# 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 Nipper 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)

## Specification:

★ Recommend Air Pressure: 6.2 bar (90psi)

Model No.	Cutting Capacity (φ) mm			Grip Size (φ)mm	Pressure Power (Bar)	Avg.Air Cons. (l/min)	Overall Length		Net weight		Packing Pcs/Ctn/G.W/Cuft
	Copper	Iron	Plastic				mm	in	kgs	lbs	
ST-66710	0.8	0.5	-	20	26.5	0.04	126	5	0.08	0.18	28/Ctn/5.83/0.6'
ST-6672	1.0	0.5	2.0	30	39.2	0.06	120	4-5/7	0.13	0.29	25/Ctn/6/0.36'
ST-6673	1.5	1.0	4.0	36	58.8	0.12	136	5-1/3	0.2	0.44	25/Ctn/7/0.36'
ST-66711	2.6	2.0	5	45	137.3	0.23	170	6-2/3	0.34	0.75	35/Ctn/21.7/1.9'
ST-66712	2.6	2.0	5	45	245.2	0.51	242	9-1/2	0.52	1.15	21/Ctn/16.6/1.7'
ST-66713	3.3	2.8	-	45	274.6	0.51	268	10-5/9	0.55	1.21	21/Ctn/19.8/1.7'
ST-66715	4.8	4.0	6.5	56	441.3	0.96	300	11-4/5	0.90	1.98	20/Ctn/29.2/1.7'
ST-66714	3.3	2.8	6.5	56	274.6	0.58	207	8-1/7	0.57	1.25	20/Ctn/29.2/1.7'
ST-66716	2.6	2.0	4	45	137.3	0.23	161	6-1/3	0.35	0.77	35/Ctn/22/1.9'
ST-66717	3.3	2.8	6.5	56	274.2	0.58	200	7-7/8	0.59	1.3	20/Ctn/21.8/1.0'

\*Separate Blades are available.

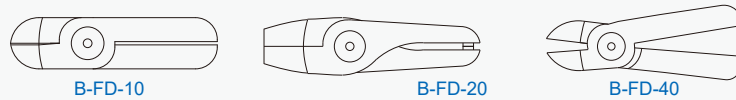
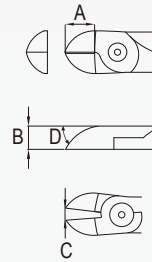


# Blade For Air Nipper



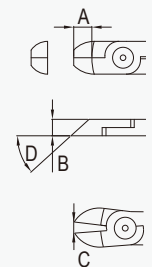
## S Series Standard Blade

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、ST-66717	24	17	8.5	30°
	4.8	4.0	ST-66715				
B-Z8P	Stainless Steel: 2.0		ST-66714H、ST-66717H	24	17	8.5	30°
	Stainless Steel: 2.8		ST-66715H				



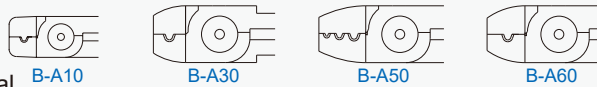
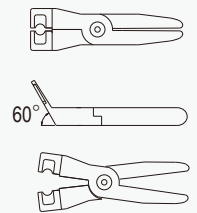
## FD Series Plastic Cutting Blade

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、ST-66717	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°



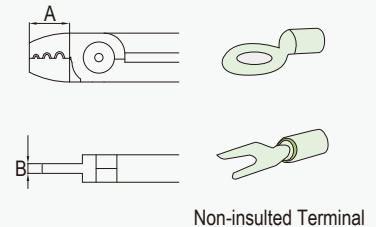
## CL Series Strain Relief Bushing

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

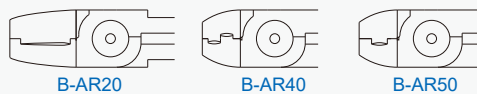


## A Series Non-insulated Terminal

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

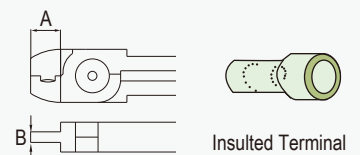


Non-insulated Terminal



## 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

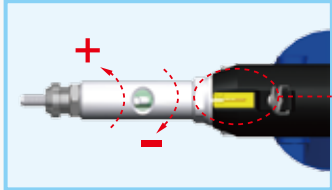


Insulated Terminal



# Industrial Air Riveting Nut Tool

2 Hydraulic Oil Cap Bolt

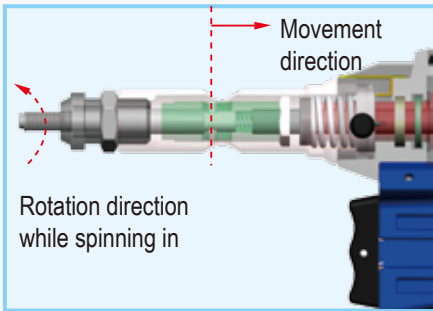


1 Scale tag for pulling stroke



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

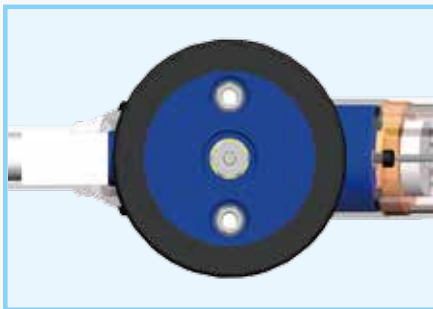
4 Quick change connector for tie rod.



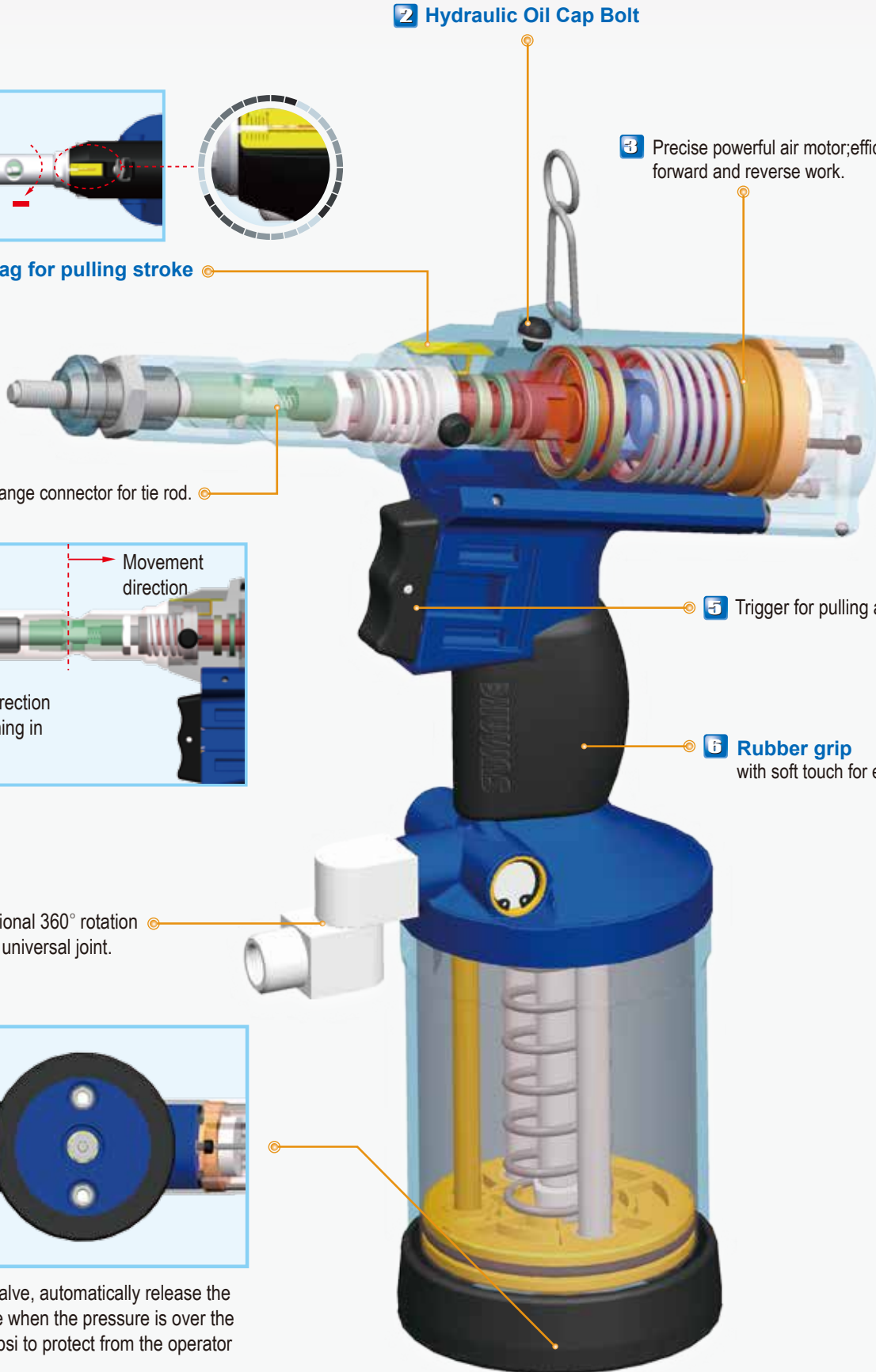
5 Trigger for pulling and spinning out.

6 Rubber grip with soft touch for easy operation.

7 Bi-directional 360° rotation air hose universal joint.



8 Safety valve, automatically release the pressure when the pressure is over the set 110 psi to protect from the operator and tool.





# Industrial Air Riveting Nut Tool



**Industrial**

**ST-6355** M3~M12  
**ST-6355A** #6~1/2"  
Air Riveting Nut Tool



**Industrial**

**ST-6360M** M3~M8  
**ST-6360S** #6~5/16"  
Air Riveting Nut Tool



**Industrial**

**ST-6361M** M4~M12  
**ST-6361S** #8~1/2"  
Air Riveting Nut Tool



**Industrial**

**ST-6920** M4~M12  
**ST-6920A** 1/4"~1/2", #8, #10  
Air Spin-pull Rivet Nut Tool

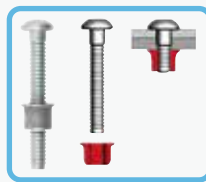


**ST-6410** 1/4"(6.4mm)  
Traction Power: 4480 lbs  
Air Hydraulic Lockbolt Tool  
W/O Nose

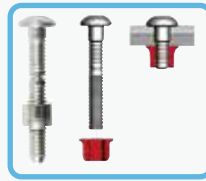
**ST-6411** 1/4"(6.4mm)  
Traction Power: 5600 lbs  
Air Hydraulic Lockbolt Tool  
W/O Nose



**Industrial**



Magna-Grip



Original Huck Design  
(C6L)



**Option**

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



**Industrial**

**ST-6400** 1/4" (6.4mm)  
with 6400-NS03A

**ST-6400-4.8** 3/16" (4.8mm)  
with 6400-NS04A  
Air Hydraulic Lockbolt Tool

■ **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.	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

## Specification:

★ Recommend Air Pressure: 6.2 bar (90psi)

Model No.	Riveting Capacity	Stroke Length		Traction Power		Air Consumption		Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
		mm	in	kgs	lbs.	l/min	cfm	kgs	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/22/2.8'
ST-6360M	■ M3, M4, M5, M6, M8	7	0.28	1,452	3,200	450	16	2.1	4.6	5Pcs/Ctn/19/2.8'
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/19/2.8'
ST-6361M	■ M4, M5, M6, M8, M10, M12	7	0.28	2,724	6,000	450	16	2.1	4.6	5Pcs/Ctn/20.5/2.8'
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/20.5/2.8'
ST-6920	■ M4, M5, M6, M8, M10, M12(Round)	7	0.28	3,100	6,800	450	16	3	6.6	4Pcs/Ctn/22.3/3.3'
ST-6920A	■ 1/4"-20, 5/16"-18, 1/2"-13, #8-32, #10-24, #10-32	7	0.28	3,100	6,800	450	16	3	6.6	4Pcs/Ctn/22/3.5'

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

Model No.	Riveting Capacity inch(mm)	Stroke Length		Traction Power		Air Consumption		Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
		mm	in	kgs	lbs.	l/min	cfm	kgs	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/10.5/3.36'
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/11/3.36'
ST-6400	1/4"(6.4mm)	23	7/8	2,500	5,500	255	9	3.5	6.5	5Pcs/Ctn/24.4/3.97'
ST-6400-4.8	3/16"(4.8mm)	23	7/8	2,500	5,500	255	9	3.5	6.5	5Pcs/Ctn/24.4/3.97'



# 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" (4.8mm)



**ST-66165V** Vacuum  
**ST-66165N** Non-Vacuum  
3/16" (4.8mm)



**ST-66166V** Vacuum  
**ST-66166N** Non-Vacuum  
1/4" (6.4mm)



**ST-66167V** Vacuum  
**ST-66167N** Non-Vacuum  
5/16" (7.8mm)



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



**ST-6675** Vacuum  
**ST-6671** Non-Vacuum  
3/16" (4.8mm)



**ST-6677** Vacuum  
**ST-6676** Non-Vacuum, Full Range  
1/4" (6.4mm)



**ST-6240V** Vacuum  
1/4" (6.4mm)  
**ST-6250V** Vacuum  
5/16" (7.8mm)



**ST-66155V** Vacuum  
3/16" (4.8mm)  
**ST-66192V** Vacuum  
1/4" (6.4mm)

## Specification:

★ Recommend Air Pressure: 6.2 bar (90psi)

Model No.	Riveting Capacity inch (mm)	Traction Power		Stroke Length		Overall Height		Air consumption		Jaw	Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
		kgs	lbs	mm	in	mm	in	l/min	cfm		kgs	lbs	
<b>ST-6220V</b>	■: 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/15 /2.5'
<b>ST-66164V</b>	■: 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/18.5 /2.5'
<b>ST-66164N</b>	■: 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/19 /2.6'
<b>ST-66165V</b>	■: 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/19 /2.6'
<b>ST-66165N</b>	■: 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/19 /2.6'
<b>ST-66166V</b>	■: 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/17.5/3.6'
<b>ST-66166N</b>	■: 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/17.5/3.6'
<b>ST-66167V</b>	■: 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/24.5/4'
<b>ST-66167N</b>	■: 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/24.5/4'
<b>ST-6671</b>	■: 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/17.5/2.5'
<b>ST-6674</b>	■: 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/17/2.5'
<b>ST-6675</b>	■: 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/19/2.5'
<b>ST-6676</b>	■: 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/24/3.2'
<b>ST-6677</b>	■: 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/23.5/3.2'
<b>ST-6240V</b>	■: 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/20.5/3.4'
<b>ST-6250V</b>	■: 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/21/4.6'
<b>ST-66155V</b>	■ 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/16.5/2.4'
<b>ST-66192V</b>	■ 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/16.8/2.5'

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





# Professional Air Riveting Nut Tool / Hydraulic Riveter



**NEW**

**ST-RN5005**  
**ST-RN5008**  
**ST-RN5010**

Air Riveting Nut Tool  
Quick change head  
Handle exhaust



**NEW**

**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"(4.8mm)  
Air Hydraulic Riveter



**ST-6616** 3/16"(4.8mm)  
Air Hydraulic Riveter



**ST-6617** 1/4"(6.4mm)  
Air Hydraulic Riveter



**ST-6618** 9/32"(7.0mm)  
Air Hydraulic Riveter



**ST-66154** 1/4"(6.4mm)  
Air Hydraulic Riveter  
(Vacuum Type)

## ST-6615K

3/16"(4.8mm) Air Hydraulic Riveter Kit

Contents:

- |   |                          |   |
|---|--------------------------|---|
| 1-Joint Nut                                       | 1-Jaw (Set)              | 7-Nosepiece (3/16"x1, 5/32"x2, 1/8"x2, 3/32"x2) |
| 2-Air Hose Joint (1/4"x1, 5/16"x1)                | 1-Jaw Pusher             | 5-Frame O-Ring(P12)                             |
| 1-Oil Pot   | 1-Jaw Pusher Spring      | 2-Frame Back Up Ring                            |
| 40-Rivets (3/16"x10, 1/8"x10, 3/32"x10, 5/32"x10) | 1-Valve Pusher Spring    | 1-Oil Piston O-Ring                             |
| 1-Jaw Case  | 2-Return Spring Ax1, Bx1 | 1-Oil Piston Back Up Ring                       |
| 1-Jaw Case Joint                                  | 1-Safety Cap             | 1-Valve Pusher O-Ring                           |
|   | 1-Frame Cap Nut          | 1-Valve   |
|   | 1-Spanner Gauge          | 1-Air Piston Ring                               |
|   | 1-Spanner                |   |



## 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

## Specification:

★ Recommend Air Pressure: 6.2 bar (90psi)

Model No.	Nosepiece	Joint Nut	Free Speed (r.p.m)	Air Consumption		Overall Length		Air Inlet (N.P.T)	Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
				l/min	cfm	mm	inch		kgs	lb	
ST-RN5005	M3, M4, M5, 3/16"	M3, M4	3200	230	8	205	8	1/4"	1.48	3.26	10Pcs/Ctn/17.7/1.7'
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/17.7/1.7'
ST-RN5010	M8, M10, 5/16"	M8, M10, 5/16"	450	230	8	205	8	1/4"	1.5	3.31	10Pcs/Ctn/17.7/1.7'
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/15.4/1.1'
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/14/1.0'
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	5Pcs/Ctn/17/1.0'

- 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.

★ Recommend Air Pressure: 6.2 bar (90psi)

Model No.	Blind Rivet Setting Capacity inch(mm)	Traction Power		Stroke Length		Air Consumption		Overall Height		Air Inlet (PT)	Air Hose (ID)	Jaw	Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
		kgs	lbs	mm	in	l/min	cfm	mm	in				kgs	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/19/1.8'
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/22/3.34'
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/25/4.13'
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/25.5/3.74'
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/20.3/3.86'

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



# 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. Air Grease Gun  
W/6 Pcs Accessories

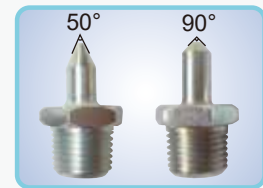


## HT-6101

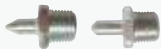
Grease gun injection head with 100cc grease  
Working Temperature (C°): -20° ~ 180°  
Weight: 220g (0.48 lbs)  
w/50°-0.5mm Dia Nozzle  
\*Different nozzle size for option  
e.g. 90°-0.8mm, 50°-1.0mm, 50°-1.4mm Dia



▶ Recommend for mechanical and air tool maintenance.



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



## HT-6101A1

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

## Specification:

★ Recommend Air Pressure: 6.2bar (90psi)

Model No.	Capacity (ml)		Operated Air Pressure (psi)	Air Inlet	Air Hose	Packing Pcs/Ctn/G.W./Cuft (kgs)
	Cartridge					
ST-6640	300		45~90	1/4"	1/4"	10Pcs/Ctn/13.6/1.4'
ST-6641	310		45~90	1/4"	1/4"	10Pcs/Ctn/6/1.8'

Model No.	Capacity		Size (mm L× mmØ )	Container Tube	Input Pressure (working Pressure)		Output Pressure		Packing Pcs/Ctn/G.W./Cuft (kgs)
	Cartridge Loading	Bulk Loading			psi	bar	psi	bar	
ST-C630C	14oz / 400g	450g	410×49.0	Chrome Plated	40 ~ 100	2.8 ~ 6.9	1600 ~ 4000	110 ~ 276	10/Ctn/14/2.1'
ST-C630L	16oz / 450g	500g	410×57.5		40 ~ 100	2.8 ~ 6.9	1600 ~ 4000	110 ~ 276	10/Ctn/14/2.5'
ST-C630CL	16oz / 450g	500g	410×57.5		40 ~ 100	2.8 ~ 6.9	1600 ~ 4000	110 ~ 276	10/Ctn/15/2.5'
ST-6636	14oz / 400g	450g	410×49.0		40 ~ 100	2.8 ~ 6.9	1600 ~ 4000	110 ~ 276	10/Ctn/18.8/1.5'
ST-6636L	16oz / 450g	500g	410×57.5		40 ~ 100	2.8 ~ 6.9	1600 ~ 4000	110 ~ 276	10/Ctn/19.6/3'



# Industrial Air Filter / Air Control Unit

## Pre-filter

- The first filter stage separates particle > 5µm, 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 0.01µm, separation degree 99.998% related to a particle size > 0.01µm and surface 300 cm<sup>2</sup>.



**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 - 5µm  
For SA-2354-1A



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



**SA2354-12**  
Filter Element - 0.01µm  
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 Drainer)

## Specification:

Model No.	Port Size (PT,NPT)	Filter Element	Adj. Pressure Range (kgf/cm <sup>2</sup> )	Max. Service Pressure (kgf/cm <sup>2</sup> )	Maxi Flow (l/min)	Operating Temp Range (°C)	Drain Capacity (ml)	Packing Pcs/Ctn/G.W./Cuft (kgs)
SA-2344A	1/2"	5µm+0.01µm	10	15	2,500	5-60	300	6Pcs/Ctn/21.2/2'
SA-2354A	1/2"	5µm+0.01µm+Activated Charcoal	10	15	2,500	5-60	300	4Pcs/Ctn/21.3/2.05'
SA-2354-1A	1/2"	5µm	10	15	2,500	5-60	300	10Pcs/Ctn/17/1.7'
SA-2354-2	1/2"	0.01µm	10	15	2,800	5-60	300	10Pcs/Ctn/16.5/1.7'
SA-2354-3	1/2"	Activated Charcoal	10	15	3,000	5-60	300	10Pcs/Ctn/13.4/1.7'

Model No.	Port Size (PT,NPT)	Filter Element	Adj. Pressure Range (kgf/cm <sup>2</sup> )	Max. Service Pressure (kgf/cm <sup>2</sup> )	Maxi Flow (l/min)	Operating Temp Range (°C)	Drain Capacity (ml)	Oil Capacity (ml)	Recommendable Lubricants	Packing Pcs/Ctn/G.W./Cuft (kgs)	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	4/18/19/1.61'	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	4/18/19/1.61'	SA-2362A(M)F&R		
SA-2363A(M)	3/4"	5µm	0.5-15	17(11)	4,600	5-60	300	300	ISO VG - 32	4/19/20/2.05'	SA-2363A(M)F	SA-2363R	
SA-2381A(M)	1"	5µm	0.5-15	17(11)	5,200	5-60	300	300	ISO VG - 32	4/18/19/1.61'	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	4/18/19/1.61'	SA-2382A(M)F&R		
SA-2383A(M)	1"	5µm	0.5-15	17(11)	5,200	5-60	300	300	ISO VG - 32	4/19/20/2.05'	SA-2383A(M)F	SA-2383R	



# Professional Air Control Unit

## Features:

- ★ Big flow up to 3000L/min.
- ★ Innovation appearance design.
- ★ For more convenient usage and setting, gauge 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 and semi-auto drain are available.



SA-2444 1/4" Manual drain  
 SA-2444S 1/4" Semi-auto drain  
 SA-2444A 1/4" Auto drain  
 SA-2445 3/8" Manual drain  
 SA-2445S 3/8" Semi-auto drain  
 SA-2445A 3/8" Auto drain  
 SA-2446 1/2" Manual drain  
 SA-2446S 1/2" Semi-auto drain  
 SA-2446A 1/2" Auto drain



SA-2434 1/4" Manual drain  
 SA-2434S 1/4" Semi-auto drain  
 SA-2434A 1/4" Auto drain  
 SA-2435 3/8" Manual drain  
 SA-2435S 3/8" Semi-auto drain  
 SA-2435A 3/8" Auto drain  
 SA-2436 1/2" Manual drain  
 SA-2436S 1/2" Semi-auto drain  
 SA-2436A 1/2" Auto drain



SA-2444F&R 1/4"  
 SA-2445F&R 3/8"  
 SA-2446F&R 1/2"

Air Filter & Regulator Manual drain  
 \*For Semi-auto drain Model No: SA-2444SF&R...  
 \*For Auto drain Model No: SA-2444AF&R...



SA-2434L 1/4"  
 SA-2435L 3/8"  
 SA-2436L 1/2"  
 Air Lubricator

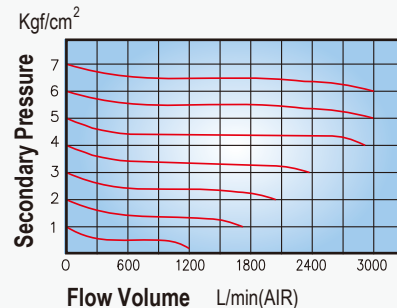
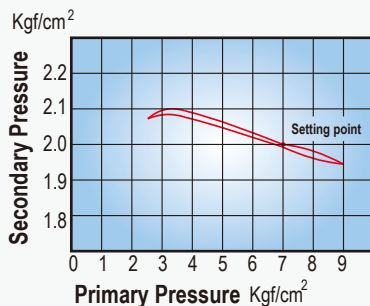


SA-2434R 1/4"  
 SA-2435R 3/8"  
 SA-2436R 1/2"  
 Air Regulator



SA-2434F 1/4"  
 SA-2435F 3/8"  
 SA-2436F 1/2"

Air Filter Manual drain  
 \*For Semi-auto drain Model No: SA-2434SF...  
 \*For Auto drain Model No: SA-2434AF...



## Specification:

Model No.	Port Size (PT,NPT)	Filter Element	Adj. Pressure Range (kgf/cm <sup>2</sup> )	Max Service Pressure (kgf/cm <sup>2</sup> )	Maxi Flow (l/min)	Operating Temp Range (°C)	Drain Capacity (ml)	Oil Capacity (ml)	Recommendable Lubricants	Packing Pcs/Ctn/G.W./Cuft (kgs)	Type Of Constitution Unit		
											Air Filter	Regulator	Lubricator
SA-2444(S)(A)	1/4	5µm	0.5-8.5	9.5	2,700	5-60	60	90	ISO VG-32	10Pcs/Ctn/15/1.4'	SA-2444(S)(A)F&R	SA-2434L	
SA-2445(S)(A)	3/8	5µm	0.5-8.5	9.5	2,700	5-60	60	90	ISO VG-32	10Pcs/Ctn/15/1.4'	SA-2445(S)(A)F&R	SA-2435L	
SA-2446(S)(A)	1/2	5µm	0.5-8.5	9.5	3,000	5-60	60	90	ISO VG-32	10Pcs/Ctn/15/1.4'	SA-2446(S)(A)F&R	SA-2436L	
SA-2434(S)(A)	1/4	5µm	0.5-8.5	9.5	2,700	5-60	60	90	ISO VG-32	10Pcs/Ctn/26/2.96'	SA-2434(S)(A)F	SA-2434R	SA-2434L
SA-2435(S)(A)	3/8	5µm	0.5-8.5	9.5	2,700	5-60	60	90	ISO VG-32	10Pcs/Ctn/26/2.96'	SA-2435(S)(A)F	SA-2435R	SA-2435L
SA-2436(S)(A)	1/2	5µm	0.5-8.5	9.5	3,000	5-60	60	90	ISO VG-32	10Pcs/Ctn/26/2.96'	SA-2436(S)(A)F	SA-2436R	SA-2436L



# Professional Air Control Unit



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

## Specification:

Model No.	Port Size (PT,NPT)	Filter Element	Adj. Pressure Range (kgf/cm <sup>2</sup> )	Max. Service Pressure (kgf/cm <sup>2</sup> )	Maxi Flow (l/min)	Operating Temp Range (°C)	Drain Capacity (ml)	Oil Capacity (ml)	Recommendable Lubricants	Packing Pcs/Ctn/G.W./Cuft (kgs)	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/11.5/1.33'	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/12.5/1.4'	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/25/2.57'	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/25/2.57'	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/14/1.78'	SA-2230AF	SA-2220AR	SA-2230AL
SA-2220	3/8"	5µm	0.5-8.5	9.5	1,350	5-60	60	90	ISO VG - 32	10Pcs/Ctn/14/1.78'	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/20/1.7'	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/20/1.7'	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/20/1.7'	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/25/2.2'	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/25/2.2'	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/25/2.2'	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/20/1.3'	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/20/1.3'	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/23/1.36'	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/23/1.36'	SA-1112F	SA-1112R	SA-1112L



# Spring Balancer



**SB-1.2** (0.5-1.2kgs)  
**SB-2.0** (1.0-2.0kgs)  
**SB-3.0** (2.0-3.0kgs)  
**SB-4.0** (3.0-4.5kgs)  
 Spring Balancer



**SA-2201** (0.3-0.8kgs)  
**SA-2203** (0.6-1.5kgs)  
**SA-2203-1** (1.0-2.0kgs)  
**SA-2204** (1.5-3.0kgs)  
**SA-2207** (3.0-5.0kgs)  
 Spring Balancer



**SA-2204A** (0.8-2.0kgs)  
**SA-2204B** (0.3-1.2kgs)  
 Nylon rope  
 Spring Balancer



**SA-22015** (0.5-1.5kgs)  
 Spring Balancer  
 Plastic Case



**SA-22030** (1.5-3.0kgs)  
**SA-22050** (3.0-5.0kgs)  
**SA-22070** (5.0-7.0kgs)  
 Spring Balancer



**SA-22090** (5-9kgs)  
**SA-2215** (9-15kgs)  
 Spring Balancer



**SA-22220** (15-22kgs)  
**SA-22300** (22-30kgs)  
 Spring Balancer



**SA-22400** (30-40kgs)  
**SA-22500** (40-50kgs)  
**SA-22600** (50-60kgs)  
**SA-22700** (60-70kgs)  
 Spring Balancer



**SA-22900** (70-90kgs)  
**SA-221050** (90-105kgs)  
**SA-221200** (105-120kgs)  
 Spring Balancer

## Specification:

Model No.	Capacity (kg)	Travel (m)	Rope		Rope Dia (mm)	Net Weight (kg)	Packing Pcs/Ctn/G.W./Cuft (kgs)
			Sta.	Opt.			
SB-1.2	0.5 - 1.2	1.6		Cable	1.6	0.56	20Pcs/Ctn/12.8/0.95'
SB-2.0	1.0 - 2.0	1.6		Cable	1.6	0.56	20Pcs/Ctn/12.8/0.95'
SB-3.0	2.0 - 3.0	1.6		Cable	1.6	0.56	20Pcs/Ctn/13/0.95'
SB-4.0	3.0 - 4.5	1.6		Cable	1.6	0.56	20Pcs/Ctn/13/0.95'
SA-2201	0.3 - 0.8	1.4	Cable	Nylon	2.5	0.41	40Pcs/Ctn/19.8/1.7'
SA-2203	0.6 - 1.5	1.4	Cable	Nylon	2.5	0.46	40Pcs/Ctn/21/1.7'
SA-2203-1	1.0 - 2.0	1.4	Cable	Nylon	2.5	0.53	40Pcs/Ctn/21/1.7'
SA-2204	1.5 - 3.0	1.4	Cable	Nylon	2.5	0.55	40Pcs/Ctn/22.8/1.6'
SA-2204A	0.8 - 2.0	1.4		Nylon	4	0.57	30Pcs/Ctn/20.1/1.7'
SA-2204B	0.3 - 1.2	1.4		Nylon	4	0.57	30Pcs/Ctn/18.7/1.6'
SA-2207	3.0 - 5.0	1.3		Cable	3.2	0.81	30Pcs/Ctn/24.1/1.7'
SA-22015	0.5 - 1.5	1.3		Cable	2	0.73	20Pcs/Ctn/15.6/1.9'
SA-22030	1.5 - 3.0	1.3		Cable	3.2	1.73	10Pcs/Ctn/18.3/1.7'
SA-22050	3.0 - 5.0	1.3		Cable	3.2	1.82	10Pcs/Ctn/19.2/1.7'
SA-22070	5.0 - 7.0	1.3		Cable	3.2	1.85	10Pcs/Ctn/19.5/1.7'
SA-22090	5.0 - 9.0	1.3		Cable	4.0	3.59	4Pcs/Ctn/15.36/1.9'
SA-2215	9.0 - 15.0	1.3		Cable	4.0	3.61	4Pcs/Ctn/15.44/1.9'
SA-22220	15.0 - 22.0	1.5		Cable	4.8	7.1	3Pcs/Ctn/24/2.5'
SA-22300	22.0 - 30.0	1.5		Cable	4.8	7.9	3Pcs/Ctn/26/2.5'
SA-22400	30 - 40	1.5		Cable	4.8	9.7	1Pcs/Ctn/11/0.9'
SA-22500	40 - 50	1.5		Cable	4.8	10.1	1Pcs/Ctn/11.4/0.9'
SA-22600	50 - 60	1.5		Cable	4.8	11.1	1Pcs/Ctn/12.4/0.9'
SA-22700	60 - 70	1.5		Cable	4.8	11.4	1Pcs/Ctn/12.7/0.9'
SA-22900	70 - 90	2.0		Cable	4.8	22.2	1Pcs/Ctn/25.4/2.1'
SA-221050	90 - 105	2.0		Cable	4.8	23.8	1Pcs/Ctn/27/2.1'
SA-221200	105 - 120	2.0		Cable	4.8	27.4	1Pcs/Ctn/30.6/2.1'



# Air Hose Balancer

## 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.



## Specification:

★ Max Travel 1.0 Mpa(10kgf/cm<sup>2</sup>)

Model No.	Capacity (kg)	Net Weight (kg)	Travel (m)	Hose Type	Hose Dia (mm)	Air Inlet	Packing Pcs/Ctn/G.W./Cuft (kgs)
SA-22015T8	0.5-1.5	2.2	1.3	PU Braid	8 x 12	3/8"	6Pcs/Ctn/14.8/2.5'
SA-22025T8	1.5-2.5	2.3	1.3	PU Braid	8 x 12	3/8"	6Pcs/Ctn/15.4/2.5'
SA-22035T8	2.5-3.5	2.4	1.3	PU Braid	8 x 12	3/8"	6Pcs/Ctn/16/2.5'
SA-22050T8	3.5-5.0	2.4	1.3	PU Braid	8 x 12	3/8"	6Pcs/Ctn/16/2.5'
SA-22065T8	5.0-6.5	2.5	1.3	PU Braid	8 x 12	3/8"	6Pcs/Ctn/16.6/2.5'
SA-22015T	0.5-1.5	1.8	1.4	PU Braid	6.5 x 10	1/8"	6Pcs/Ctn/11/1.9'
SA-22030T	1.5-3.0	1.9	1.4	PU Braid	6.5 x 10	1/8"	6Pcs/Ctn/13/1.9'
SA-22050T	3.0-5.0	2.1	1.4	PU Braid	6.5 x 10	1/8"	6Pcs/Ctn/13/1.9'

Model No.	Hose Size (mm)		Max. Working Pressure		Burst Pressure		Hose Length		Hose Type	Working Temperature (°C)	Hose Color	Case Color	Packing Pcs/Ctn/G.W./Cuft (kgs)
	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	5 Pcs/Ctn/16/2.54'
HR-0183	8	12	200	14	800	56	27	8	PU	-5 ~ +60	Blue	Blue	5 Pcs/Ctn/17/2.54'
HR-0185	6.5	10	200	14	800	56	33	10	PU	-5 ~ +60	Blue	Blue	5 Pcs/Ctn/16/2.54'
SA-2206	5	8	100	7	400	28	4	1.2	PU	-5 ~ +60	Blue	Grey	10Pcs/Ctn/11/1.4'
SA-2206A	5	8	100	7	400	28	6.6	2	PU	-5 ~ +60	Blue	Grey	10Pcs/Ctn/11/1.4'



# Professional Air Hose Reel



HR121008 (6.5x10mmx8M)  
 HR121010 (6.5x10mmx10M)  
 HR121012 (6.5x10mmx12M)  
 HR121208 (8x12mmx8M)  
 Plastic Case



HR041010 (6.5x10mmx10M)  
 HR041015 (6.5x10mmx15M)  
 HR041210 (8.0x12mmx10M)  
 HR041212 (8.0x12mmx12M)  
 HR041215 (8.0x12mmx15M)  
 HR0414510 (10x15mmx10M)  
 Metallic Case



HR300715 (6.5x10mmx15M)  
 HR300810 (8x12mmx10M)  
 HR300812 (8x12mmx12M)  
 HR300815 (8x12mmx15M)  
 HR301010 (9.5x13.5mmx10M)  
 HR301015 (9.5x13.5mmx15M)



HR021030 (6.5x10.0mmx30M)  
 HR021050 (6.5x10.0mmx50M)  
 HR021220 (8.0x12.0mmx20M)  
 HR021230 (8.0x12.0mmx30M)  
 HR021240 (8.0x12.0mmx40M)



HR024020 (8.5x12.5mmx20M)  
 HR024030 (8.5x12.5mmx30M)  
 HR0213520 (9.5x14.5mmx20M)  
 HR0213530 (9.5x14.5mmx30M)  
 HR0214520 (10.0x15mmx20M)

HR310718 (6.5x10mmx18M)  
 HR310720 (6.5x10mmx20M)  
 HR310818 (8x12mmx18M)  
 HR310820 (8x12mmx20M)  
 HR311018 (9.5x13.5mmx18M)  
 HR311020 (9.5x13.5mmx20M)  
 Metallic Case

## Specification:

Model No.	Hose Size (mm)		Max. Working Pressure		Burst Pressure		Hose Length		Hose Type	Working Temperature (°C)	Hose Color	Case Color	Packing Pcs/Ctn/G.W./Cuft (kgs)
	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/22/4.2'
HR121010	6.5	10	220	15	880	60	33	10	PU Braid	-5 ~ +60	Yellow	Yellow	6Pcs/Ctn/22/4.2'
HR121012	6.5	10	220	15	880	60	40	12	PU Braid	-5 ~ +60	Yellow	Yellow	6Pcs/Ctn/22/4.2'
HR121208	8	12	220	15	880	60	27	8	PU Braid	-5 ~ +60	Yellow	Yellow	6Pcs/Ctn/22/4.2'
HR041010	6.5	10	220	15	880	60	33	10	PU Braid	-5 ~ +60	Blue	Yellow	2Pcs/Ctn/17/2'
HR041015	6.5	10	220	15	880	60	50	15	PU Braid	-5 ~ +60	Blue	Yellow	2Pcs/Ctn/17/2'
HR041210	8	12	220	15	880	60	33	10	PU Braid	-5 ~ +60	Blue	Yellow	2Pcs/Ctn/17/2'
HR041212	8	12	220	15	880	60	40	12	PU Braid	-5 ~ +60	Blue	Yellow	2Pcs/Ctn/17/2'
HR041215	8	12	220	15	880	60	50	15	PU Braid	-5 ~ +60	Blue	Yellow	2Pcs/Ctn/17/2'
HR0414510	10	15	220	15	880	60	33	10	PU Braid	-5 ~ +60	Blue	Yellow	2Pcs/Ctn/17/2'
HR300715	6.5	10	220	15	880	60	50	15	PU Braid	-5 ~ +60	Blue	Blue	3Pcs/Ctn/4'
HR300810	8	12	220	15	880	60	33	10	PU Braid	-5 ~ +60	Blue	Blue	3Pcs/Ctn/4'
HR300812	8	12	220	15	880	60	40	12	PU Braid	-5 ~ +60	Blue	Blue	3Pcs/Ctn/4'
HR300815	8	12	220	15	880	60	50	15	PU Braid	-5 ~ +60	Blue	Blue	3Pcs/Ctn/4'
HR301010	9.5	13.5	220	15	880	60	33	10	PU Braid	-5 ~ +60	Blue	Blue	4Pcs/Ctn/3.3'
HR301015	9.5	13.5	220	15	880	60	50	15	PU Braid	-5 ~ +60	Blue	Blue	2Pcs/Ctn/3'
HR310718	6.5	10	220	15	880	60	60	18	PU Braid	-5 ~ +60	Blue	Blue	2Pcs/Ctn/3'
HR310720	6.5	10	220	15	880	60	65	20	PU Braid	-5 ~ +60	Blue	Blue	2Pcs/Ctn/3'
HR310818	8	12	220	15	880	60	60	18	PU Braid	-5 ~ +60	Blue	Blue	2Pcs/Ctn/3'
HR310820	8	12	220	15	880	60	65	20	PU Braid	-5 ~ +60	Blue	Blue	2Pcs/Ctn/3'
HR311018	9.5	13.5	220	15	880	60	60	18	PU Braid	-5 ~ +60	Blue	Blue	2Pcs/Ctn/3'
HR311020	9.5	13.5	220	15	880	60	65	20	PU Braid	-5 ~ +60	Blue	Blue	2Pcs/Ctn/3'
HR021030	6.5	10	220	15	880	60	100	30	PU Braid	-5 ~ +60	Blue, Red, Orange	Black, Red	1Pcs/Ctn/9/1.3'
HR021050	6.5	10	220	15	880	60	165	50	PU Braid	-5 ~ +60	Blue, Red, Orange	Black, Red	1Pcs/Ctn/9/1.3'
HR021220	8	12	220	15	880	60	66	20	PU Braid	-5 ~ +60	Blue, Red, Orange	Black, Red	1Pcs/Ctn/9/1.3'
HR021230	8	12	220	15	880	60	100	30	PU Braid	-5 ~ +60	Blue, Red, Orange	Black, Red	1Pcs/Ctn/9/1.3'
HR021240	8	12	220	15	880	60	132	40	PU Braid	-5 ~ +60	Blue, Red, Orange	Black, Red	1Pcs/Ctn/9/1.3'
HR0213520	9.5	14.5	220	15	880	60	66	20	PU Braid	-5 ~ +60	Blue	Black, Red	1Pcs/Ctn/9/1.3'
HR0213530	9.5	14.5	220	15	880	60	100	30	PU Braid	-5 ~ +60	Blue	Black, Red	1Pcs/Ctn/9/1.3'
HR0214520	10	15	220	15	880	60	66	20	PU Braid	-5 ~ +60	Blue	Black, Red	1Pcs/Ctn/9/1.3'
HR024020	8.5	12.5	220	15	880	60	66	20	PU Braid	-5 ~ +60	Blue	Black, Red	1Pcs/Ctn/9/1.3'
HR024030	8.5	12.5	220	15	880	60	100	30	PU Braid	-5 ~ +60	Blue	Black, Red	1Pcs/Ctn/9/1.3'
HR-4630U	9.5	13.5	300	20	1000	68	50	15	PU Braid	-20 ~ +60	Blue	Gray	3Pcs/Ctn/19/3.3'





# Tire Inflator & Tire Chuck



**SA-6600F**  
Tire Inflator W/Gauge  
(220psi / 15 Bar)



**SA-6605**  
Tire Inflator / Deflator  
(220psi)



**SA-6606**  
Professional Tire  
Inflator Gauge (150psi / 10kg)



**NEW**

**ST-TC303**  
3 in 1 digital Tire Inflator  
(200psi)



**SA-6612**  
Professional 3-Function  
Tire Gauge (200psi / 14kg)



**SA-6612-3.5**  
with 3.5" guage  
(200psi / 14kg)



**AC-1001**  
5/16" I.D. Hose  
Chuck (Brass)



**SA-3363**  
Tire Chuck W/ Steel Pipe



**SA-33640Z**  
Dual Head Tire Chuck  
(Zinc)



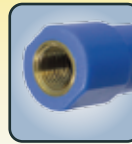
**SA-33682**  
10" Dual Head Tire  
Chuck W/1/4" Female  
Fitting (Zinc)



**TC-3**  
Air Tire Chuck W/5/16"  
(I.D.)  
PVC Hose (1ft)



# Professional Air Blow Gun



Brass Thread

## SA-5515B Air blow gun series:

- body / trigger material: plastic POM(Polyoxymethylene)
- tube: steel material, Ø6mm Dia.
- working pressure: 75~120PSI (5~8kg)
- max pressure: 150PSI



**SA-5515B**  
W/Brass Thread  
(100mm-Tube)

**SA-5515B-250**  
W/Brass Thread  
(250mm-Tube)

**SA-5515B-300**  
W/Brass Thread  
(330mm-Tube)

**SA-5515B-500**  
W/Brass Thread  
(500mm-Tube)



**SA-5515BK** W/Brass Thread  
10Pcs Air Blow Gun Kit  
(100mm Tube) In Display Unit



Zinc Thread

## SA-5801Z Air blow gun series :

- body / trigger material: plastic POM(Polyoxymethylene)
- tube: steel material, Ø8mm Dia.
- working pressure: 75~120PSI (5~8kg)
- max pressure: 150PSI



**SA-5801ZN(M)(E)**  
W/Zinc thread  
(100mm-Tube)

**SA-5801ZN(M)(E)-300**  
W/Zinc thread  
(300mm-Tube)

**SA-5801ZN(M)(E)-500**  
W/Zinc thread  
(500mm-Tube)



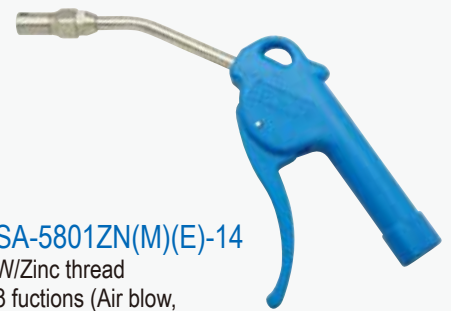
**SA-5801ZN(M)(E)K**  
10Pcs Air Blow Gun Kit  
(100mm Tube) In Display Unit



**SA-5801ZN(M)(E)-11**  
W/Zinc thread  
Rubber Head



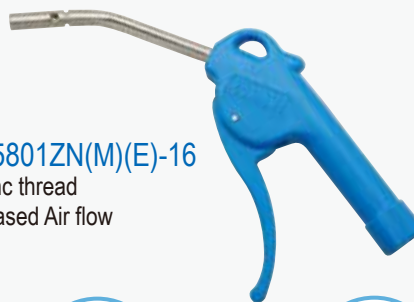
**SA-5801ZN(M)(E)-13**  
W/Zinc thread  
Safety head



**SA-5801ZN(M)(E)-14**  
W/Zinc thread  
3 fuctions (Air blow,  
Tire Inflator & Safety Nozzle)



**SA-5801ZN(M)(E)-15**  
W/Zinc thread  
For blind hole



**SA-5801ZN(M)(E)-16**  
W/Zinc thread  
Increased Air flow

Connector type



▶ N=Nitto



▶ M=Milton



▶ E=Orion



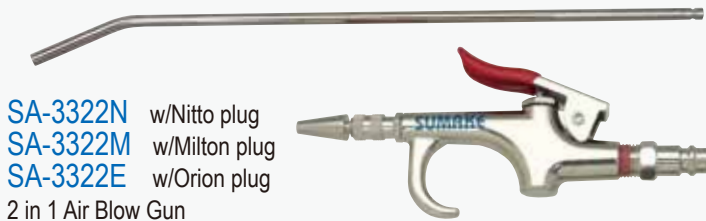
# Professional Air Blow Gun



**SA-3320**  
Air Blow Gun W/2Pcs Nozzle



**SA-3320K**  
Air Blow Gun Kit



**SA-3322N** w/Nitto plug  
**SA-3322M** w/Milton plug  
**SA-3322E** w/Orion plug  
2 in 1 Air Blow Gun  
(Rotate Angle Nozzle 360° 1", 11")



**SA-3321**  
High Volume Blow Gun



**SA-5800N** w/Nitto plug  
**SA-5800M** w/Milton plug  
**SA-5800E** w/Orion plug  
100mm-Tube  
Ø6mm Dia. Tube

**SA-5800N-300** w/Nitto plug  
**SA-5800M-300** w/Milton plug  
**SA-5800E-300** w/Orion plug  
300mm-Tube  
Ø6mm Dia. Tube



**SA-3320H**  
Air Seat Blow Gun Kit  
(3.5M Memory Recoil  
Air Hose 1/4" O.D.)



**SA-5910N** w/Nitto plug  
**SA-5910M** w/Milton plug  
**SA-5910E** w/Orion plug  
High Flow Adjustable Blow Gun  
(100mm tube) -Nylon Body

**SA-5910N-350** w/Nitto plug  
**SA-5910M-350** w/Milton plug  
**SA-5910E-350** w/Orion plug  
High Flow Adjustable Blow Gun  
(350mm tube) -Nylon Body



**SA-5910-11** w/Rubber Tip  
(w/o Plug)  
**SA-5910N-11** w/Nitto plug  
**SA-5910M-11** w/Milton plug  
**SA-5910E-11** w/Orion plug  
High Flow Adjustable Blow Gun  
-Nylon Body



**SA-5710**  
Stationary type dryer jet Stand  
w/2set of adapter &  
hose 360° to operate  
Length of pole : 89cm  
Length of foot shelf :  
96cm(dia.)



**SA-3325N** w/Nitto plug  
**SA-3325M** w/Milton plug  
**SA-3325E** w/Orion plug  
Adjustable Air Blow Gun  
-Alum. housing



**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 : 72dB

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& AIR PUMPS**



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AIR STAPLERS**



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TOOL**



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**CATA-STG22**