



PNEUMATIC TOOLS

Professional & Industrial



ABOUT SUMAKE

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.



1997

SUMAKE was found in 1997 by Mr. Mike Su.

1999

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



2000

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

2002

Produce industrial air sander program.



2006

Produce air compressor from 1.5HP~10HP.



2004

ISO 9001 certified.

2008

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



2012

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



2019

Produce transducerized DC Inline Screwdrivers



2023

Introduce transducerized angle control inline screwdrivers.



2022

Set up ESG committee, implement the carbon reduction plan.



2015

Produce full range of brushless electric sander

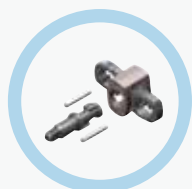


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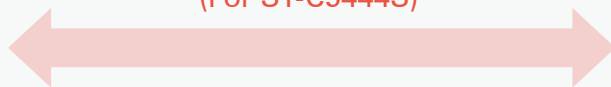
Professional Composite Air Impact Wrench



Powerful Torque

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

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



Adjustable Torque

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

Magnesium Alloy

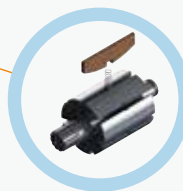
Front case and back cover reduces tool weight to only **1.65kgs!** (for ST-C5444S)



Sensitive trigger enable the Multi-Speed control

Comfort Design

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



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.

360° Air Inlet Handle Exhaust Design

More convenient for all circumstance.



Scan for Product Video!



1.65 kg
Light weight

ST-C5444S 1/2" Dr.

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

Magnesium front case and back cover



1.85 kg
Light weight

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



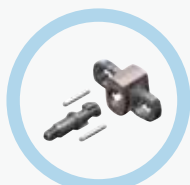
ST-C573S 3/4" Dr.

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

Model No.	Square Driver (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	inch			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'

★ Recommend Air Pressure: 6.2bar (90psi)

Professional Composite Air Impact Wrench



Powerful Torque

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



Back Forward and Reverse regulator

3 speed setting for forward
1(Full) speed setting for reverse.

Sensitive trigger

enable Multi-Speed control.

Enhanced engineering plastic housing

for reaching lightweight at 2.1kg/4.6lb and reliable durability.

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

360° Air Inlet

More convenient for all circumstance.

Handle exhaust design

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

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

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

ST-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

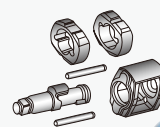


ST-IW1580 1" Dr.
ST-IW1580-6 1" Dr. w/ 6" Ext. Anvil
ST-IW1580-8 1" Dr. w/ 8" Ext. Anvil
Max torque: 2,983 Nm (2,200 ft-lb)
Twin Hammer
Magnesium front case

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

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

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



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-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-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	6-2/7	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-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-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'

* Recommend Air Pressure: 6.2bar (90psi)

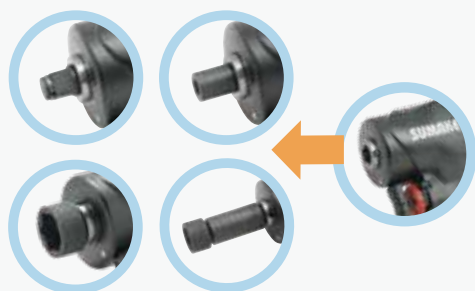
3/8" & 1/2" Professional Air Impact Wrench



ONLY 86mm

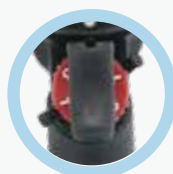
Compact Housing Body Design

ST-IW1040 1/2" Dr.
Embedded anvil/socket design
Jumbo Hammer



Unique Embedded Anvil/socket Design (ST-IW1040)

Embed special short sockets or anvil of 3/8" and 1/2" size.



One-hand F/R Operation Design

- Levered forward / reverse switch system for both of right-handed and left-handed operator.
- Three-positions torque/speed setting mechanism.



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



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



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



120° Bend-over Hammer Head

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

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



360° Free Swivel Handle

Easily press the trigger in any position.

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-IW1040	1/2	M16	5/8	8,000	813	600	86	3-2/5	1/4"	3/8"	430	15	1.33	2.98	10Pcs/Ctn/17.4/1.5'
ST-IW1041	1/2	M16	5/8	8,000	813	600	99	3-8/9	1/4"	3/8"	430	15	1.33	2.98	10Pcs/Ctn/15.9/1.02'
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-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-IW7130	3/8	M10	3/8	8,500	500	369	275	10-4/5	1/4"	3/8"	400	14	1.39	3.06	10Pcs/Ctn/16.7/1.33'
ST-IW7140	1/2	M10	3/8	8,000	500	369	275	10-4/5	1/4"	3/8"	400	14	1.33	2.95	10Pcs/Ctn/16.7/1.33'

★ Recommend Air Pressure 6.2 bar (90psi)

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



Applications:

- Designed for small & medium vehicle tire change and light duty maintenance, given the basic features as an economic tool option for professional use.

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

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

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

Sensitive Trigger
enable the Multi-Speed control

Rubber Grip
for better handing comfort during the operation.

Handle Exhaust Design

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

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

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

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

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	in			l/min	cfm	kgs	lbs	
ST-IW1263T	3/4	M16	5/8	5,500	2,034	1,500	210	8-1/4	1/4"	3/8"	480	17	4.4	9.7	6Pcs/Ctn/27/1.7'
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-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-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-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'

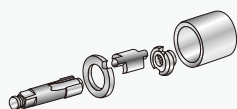
★ Recommend Air Pressure: 6.2bar (90psi)



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

Applications:

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



Pinless Clutch

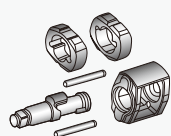
Pinless clutch impact mechanism with tremendous torque output.

ST-IW1780 1" Dr.
ST-IW1780-8 1" Dr. W/8" Ext. Anvil
 Max torque: 4,067 Nm (3,000 ft-lb)
ST-IW1790 1-1/2" Dr.
 Max torque: 5,424 Nm (4,000 ft-lb)
 Pinless Clutch



Ergonomic composite side handle design.

Forward / Reverse regulator

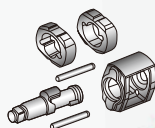


Industrial



ST-55886 1-1/2" Dr.
 Max torque: 4,068Nm (3,000 ft-lb)
 Twin Hammer

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

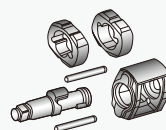


Industrial

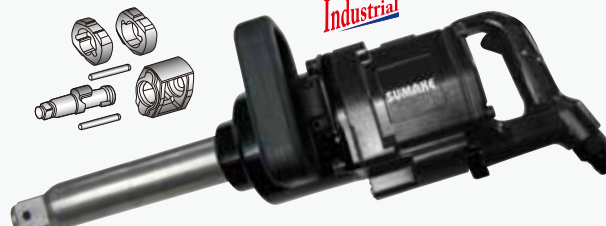


ST-55989 1-1/2" Dr.
 Max torque: 4,342Nm (3,200 ft-lb)
 Twin Hammer

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



Industrial



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

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	in			l/min	cfm	kgs	lbs	
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-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-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-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-55981	1	M55	2-1/4	3,500	4,881	3,600	468	18-3/7	1/2"	1/2"	708	25	16	35.27	1Pcs/Ctn/20/1.1'
ST-55981-9	1	M45	2-1/4	3,500	4,881	3,600	645	25-2/5	1/2"	1/2"	708	25	17.3	38.14	1Pcs/Ctn/22/1.2'
ST-5597	1-1/2	M50	2	2,600	4,878	3,600	435	17-1/8	1/2"	3/4"	900	32	16	35.2	1Pcs/Ctn/19/0.7'
ST-5597-8	1-1/2	M50	2	2,600	4,878	3,600	630	24-4/5	1/2"	3/4"	900	32	17.8	39.1	1Pcs/Ctn/21/0.7'

★ Recommend Air Pressure: 6.2bar (90psi)

Industrial Air Impact 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.



Sealed Head



Original Design

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.

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.

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

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

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

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

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'

★ Recommend Air Pressure: 6.2bar (90psi)

Industrial Air Ratchet Wrench

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

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

ST-RW720 10 Nm
Capacity: 6~12 mm
1/4", 5/16", 3/8", 7/16"
Rear exhaust

NEW



20°



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

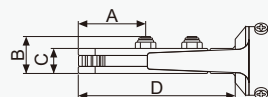


ST-RW700 25 Nm
Capacity: 10~19mm, 11/16" Hex Bolt
ST-55592A 25 Nm
Capacity: 10~14mm, 1/2", 9/16" Hex Bolt
Rear exhaust



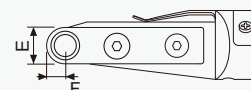
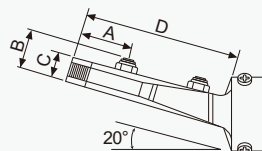
ST-55591B 10 Nm
Rear exhaust
Capacity: 6mm, 1/4", Hex Bolt

*Industry's most compact ratchet head assembly.



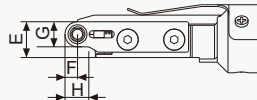
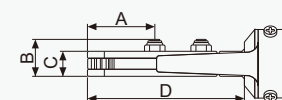
Unit: mm

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



Unit: mm

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



Unit: mm

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

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-RW701	10,11,12,13,14, (7/16", 1/2", 9/16")	220	25	18	327	12-7/8	1/4"	3/8"	212	7.5	1.92	4.23	10Pcs/Ctn/19.2/1.4'
ST-RW702	10,11,12,13,14,15,16,17,18,19 (5/8", 11/16", 3/4")	190	25	18	333	13-1/9	1/4"	3/8"	212	7.5	2	4.40	10Pcs/Ctn/22.59/1.4'
ST-RW720	6, 7, 8, 9, 10, 11, 12, (1/4", 5/16", 3/8", 7/16")	180	10	7.4	281	11	1/4"	3/8"	480	17	2	4.41	10Pcs/Ctn/16.6/1.4'
ST-RW700	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, (11/16")	190	25	18	338	13-1/3	1/4"	3/8"	480	17	2	4.41	5Pcs/Ctn/21.6/1.4'
ST-55591A	6,7,8,9,10,11,12,(1/4", 3/8")	180	10	7.4	285	11-2/9	1/4"	3/8"	396	14	1.28	2.82	20Pcs/Ctn/18/2.2'
ST-55591B	6, (1/4")	250	10	7.4	282	11-1/9	1/4"	3/8"	396	14	1.26	2.78	10Pcs/Ctn/16.4/1.4'
ST-55592A	10,11,12,13,14, (1/2", 9/16")	220	25	18	332	13	1/4"	3/8"	480	17	1.92	4.23	20Pcs/Ctn/32/2.2'

★ Recommend Air Pressure: 6.2bar (90psi)

Industrial Air Ratchet Wrench



ST-55599 90 Nm
Rear exhaust



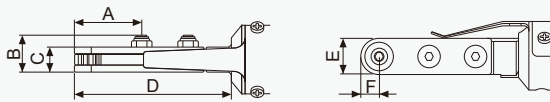
ST-RW710 90 Nm
Rear exhaust



ST-RW711 90 Nm
Rear exhaust



ST-RW712 90 Nm
Rear exhaust



Unit: mm

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

Model No.	Capacity Bolt Size mm (inch)	Free Speed (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-55599	10,11,12,13,14,15,16,17,18,19, (11/16")	150	90	66.6	390	15-1/3	1/4"	3/8"	480	17	2.42	5.33	4Pcs/Ctn/11.5/0.8'
ST-RW710	21, 22, 23, 24, 26, 27, (3/8", 7/8", 15/16", 1-1/16")	130	90	66	398	15-2/3	1/4"	3/8"	480	17	2.48	5.46	4Pcs/Ctn/11.12/0.8'
ST-RW711	29, 30, 32, (1-1/8")	110	90	66	405	16	1/4"	3/8"	480	17	2.50	5.51	4Pcs/Ctn/11.12/0.8'
ST-RW712	35, 36, (1-3/8")	100	90	66	408	16-1/8	1/4"	3/8"	480	17	2.52	5.55	4Pcs/Ctn/11.2/0.8'

★ Recommend Air Pressure: 6.2bar (90psi)

Order Code Reference:

*Please indicate the bolt size when ordering

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	35	36	1/4	5/16	3/8	7/16	1/2	9/16	5/8	11/16	3/4	7/8	15/16	1-1/16	1-1/8	1-3/8									
ST-55591A		ST-55591A-6 ~ ST-55591A-12																ST-55591A-1/4 ~ ST-55591A-7/16																															
ST-55591B		ST-55591B-6																ST-55591B-1/4																															
ST-55592A		ST-55592A-10 ~ ST-55592A-14																ST-55592A-7/16 ~ ST-55592A-9/16																															
ST-55599		ST-55599-10 ~ ST-55599-19																ST-55599-7 /16 ~ ST-55599-3 /4																															
ST-RW700		ST-RW700-10 ~ ST-RW700-19																ST-RW700-7/16 ST-RW700-5/8 ~ ST-RW700-3/4																															
ST-RW701		ST-RW701-10 ~ ST-RW701-14																ST-RW701-7/16 ~ ST-RW701-9/16																															
ST-RW702		ST-RW702-10 ~ ST-RW702-19																ST-RW702-7/16 ST-RW702-5/8 ~ ST-RW702-3/4																															
ST-RW710																		ST-RW710-21 ~ ST-RW710-27																ST-RW710-7/8 ~ ST-RW710-1-1/16															
ST-RW711																		ST-RW711-29 ~ ST-RW711-32																ST-RW711-1-1/8															
ST-RW712																		ST-RW712-35 ~ ST-RW712-36																ST-RW712-1-3/8															
ST-RW720		ST-RW720-6 ~ ST-RW720-12																ST-RW720-1/4 ~ ST-RW720-7/16																															

Industrial & Professional Air Ratchet Wrench

**Anti-opening
Structural Design**

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

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

Close Head

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

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

Sealed Head

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

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

NEW
★Less Counterforce
Maurer Clutch Mechanism
ST-RW970 1/4" Dr.
ST-RW971 3/8" Dr.
Torque: 40 ft-lb

NEW
★Less Counterforce
Maurer Clutch Mechanism
ST-RW980 3/8" Dr.
ST-RW981 1/2" Dr.
Torque: 60 ft-lb

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

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

Industrial

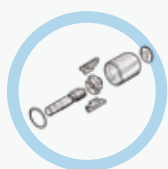
ST-5554 1/2" Dr.
Heavy duty ratchet wrench
Torque: 90 ft-lb

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

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		Nm	ft-lb	mm	in			l/min	cfm	kgs	lbs	
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-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-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-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-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-RW970	1/4	M10	3/8	700	54	40	160	6-2/7	1/4"	3/8"	400	14	0.65	1.43	20Pcs/Ctn/14.6/0.48'
ST-RW971	3/8	M10	1/2	700	54	40	160	6-2/7	1/4"	3/8"	400	14	0.65	1.43	20Pcs/Ctn/14.6/0.48'
ST-RW980	3/8	M10	3/8	350	82	60	254	10	1/4"	3/8"	400	14	1.34	2.95	10Pcs/Ctn/14.8/0.6'
ST-RW981	1/2	M10	3/8	350	82	60	254	10	1/4"	3/8"	400	14	1.34	2.95	10Pcs/Ctn/14.8/0.6'
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	10Pcs/Ctn/13.5/0.45'
ST-RW5203	3/8	M10	3/8	200	61	45	265	10-3/7	1/4"	3/8"	370	13	1.1	2.43	10Pcs/Ctn/14/0.6'
ST-RW5204	1/2	M13	1/2	200	61	45	265	10-3/7	1/4"	3/8"	370	13	1.1	2.43	10Pcs/Ctn/14/0.6'
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'

★Recommend Air Pressure: 6.2bar (90psi)

Industrial & Professional Air Screwdriver



Two Pinless Hammer Mechanism

Pinless closed reinforced hammer mechanism offering the higher durability.

Industrial



ST-SD310

Air impact screwdriver
(Two Pinless Hammer)

Industrial



ST-SD500

Air impact screwdriver
(Two Pinless Hammer)

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

Forward / Reverse
switch lever

Built-in Muffler
Reduces noise level



Scan for
Product Video!



ST-SD300

Air impact screwdriver
(Double Hammer)



ST-SD400

Air impact screwdriver
(Two Hammer)
Composite Housing



ST-SD401 ST-SD402

Direct driven type air screwdriver
Composite Housing



ST-4450

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



ST-4460

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



ST-4470A

Heavy duty air impact
screwdriver
(Double Hammer)



ST-4469

Heavy duty air impact screwdriver
(Double Hammer)



ST-4468

Air impact screwdriver
(Double Hammer)



ST-4460AK

10 Pcs air impact screwdriver Kit



ST-4468K

9 pcs air impact screwdriver kit
(Double Hammer)

Model No.	Hex Shank Size		Free Speed (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'

★ Recommend Air Pressure: 6.2bar (90psi)



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.



Available in 1 HP and 0.6 HP motor



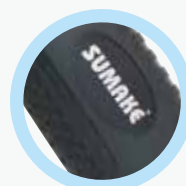
Direction Lever

Easily switching between clockwise or counterclockwise directions.



Ergo Wings

Provide stronger grip while drilling through hard materials.



Ergonomic

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

Durable positive clutch mechanism

Progressive Trigger

Allows various speed control and accurate drilling capability.

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

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./Cwt (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'

★ Recommend Air Pressure: 6.2bar (90psi)



Application

- Versatile tool suitable for a wide range of applications, from aerospace to oil fields and refineries, serves as an ideal choice for high-level operational conditions.
- Excels in confined spaces, making it the preferred option for professional aircraft mechanics and maintenance personnel.
- Reinforced angle head design for better durability and long-term performance.
- Various collet chuck capacity from M3 to M6 with 1/4"-28 male thread perfect for versatile fastening applications.

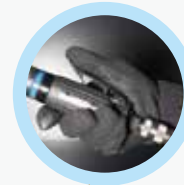


Grease Fitting Design.

Does not required additional disassembly when lubricating gear.

Safety Lever

Provide better safety measurement while operating.



Stepless / Slow Start Speed Control Valve



Built-in Silencer

made for the tool allows to reduce noise.

Comfortable Rubber Grip

High Precision 0.5HP Motor

With industrial durable blades, deliver both high speeds and torque.

Dual-bearing and full-covered cage gear mechanism

Drill Chucks



SA-AD0155

Capacity 1 - 5.5mm



4405-M3 Capacity 3mm

4405-M4 Capacity 4mm

4405-M5 Capacity 5mm

4405-M6 Capacity 6mm

High Precision Drill Capability

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

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



ST-AD705A32

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



ST-AD705B32

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



ST-AD705D32

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



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

★ Recommend Air Pressure: 6.2bar (90psi)



Industrial Air Drill

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.

3 Planet Gear System

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



Available in 1 / 0.6 / 0.4 HP motor.



Direction Lever

Easily switching between clockwise or counterclockwise directions.



Ergo Wings

Provide stronger grip while drilling through hard materials.



** Side handle for 1/2" Drill

Industrial Chuck

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



Grease fitting Design

Easy refueling (without dismantling the gear case)

Progressive Trigger

Allows various speed control and accurate drilling capability.

Quiet

Built-in silencer reduces noise level to minimum.

Ergonomic

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



► For Stainless steel



► For Aluminum



► For Wood



1 HP Reversible



0.6 HP Reversible



0.6HP Non-Reversible



1 HP Non-Reversible



0.6 HP Non-Reversible



0.4HP Non-Reversible



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

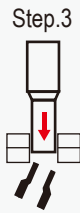
★ Recommend Air Pressure 6.2 bar (90psi)



Industrial Air Rivet Shaver



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



Ergo Wings
Provide stronger grip while drilling through hard materials.

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

Quiet
Built-in silencer reduces noise level to minimum.



Rivet Shaver Skirts- 7/8-20 Thread



Rivet Shaver Cutters- 1/4-28 Thread



ST-M5290A

Air rivet shaver

*Please indicate cutter size when ordering.



ST-M5290

Air rivet shaver (without support)

*Please indicate cutter size when ordering.



Rivet shaver skirts- 7/8-20 thread

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



Rivet shaver bit- 1/4-28 thread

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

Model No.	Motor (HP)	Cutter Dia.		Free Speed (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

★ Recommend Air Pressure: 6.2bar (90psi)

Professional Air Drill / Screwdriver / Metal Shear



ST-M5010C

w/ keyless chuck



ST-M5010

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



ST-M5011C

w/ keyless chuck



ST-M5011

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



ST-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-M5020

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



ST-M5021

1/4" Adjustable clutch screwdriver
Speed: 800 rpm



ST-M5030B



ST-M5030S

Air Metal shear
Speed: 2,500 rpm



Scan for
Product Video!

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)
	Stainless	Steel	Alum.	mm	in				l/min	cfm	kgs	lbs	
ST-M5030B	0.8	1.6	2.0	5.5	1/4	2,500	1/4"	3/8"	340	12	1.28	2.83	10Pcs/Ctn/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'

★ Recommend Air Pressure: 6.2bar (90psi)

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



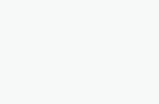
4441-02

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



ST-4435C

w/ keyless chuck

ST-4435

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



ST-4436C

w/ keyless chuck

ST-4436

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



Model No.	Drilling Cap		Free Speed (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'
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'
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'

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

★ Recommend Air Pressure: 6.2bar (90psi)

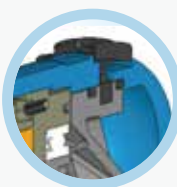


Professional Composite Mini Air Tools



Special Motor Design-Close Type

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



Variable Speed Control



Compact Composite Body

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



Improved Muffler Design

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



Rear/Handle Exhaust

Exhaust away from the operator and work surface.



ST-C212

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



ST-C230

1/4"

ST-C230M

6mm

Air die grinder
Speed: 24,000 rpm



ST-C220

3" Air sander
20,000 rpm



ST-C221 2,600 rpm

ST-C222 4,500 rpm

3" Air sander / polisher

* Also available with 2" Pad



ST-C213

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



ST-C210

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



ST-C210C w/ keyless chuck



ST-C211

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



ST-C211C w/ keyless chuck

Model No.	Sanding Pad		Collet		Spindle Thread	Free Speed (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'

★ Recommend Air Pressure: 6.2bar (90psi)

Professional Composite Mini Air Tools



ST-C110

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



ST-C111

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



ST-C112

800rpm

ST-C112A

450rpm

1/2" Air reversible drill



ST-C113

1/2" Air drill
Speed: 800rpm

ST-C110C

w/ keyless chuck



ST-C111C

w/ keyless chuck



ST-C112C

800rpm

ST-C112AC

450rpm

w/Keyless chuck



ST-C113C

w/ keyless chuck



ST-C130

1/4"

ST-C130M

6mm

Air die grinder
Speed: 17,000 rpm

ST-C142

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



ST-C143

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



ST-C120

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



ST-C121

3" Air polisher
Speed: 2,100 rpm



ST-C122

3"

ST-C122-2

2"

High speed air sander
Speed: 17,000 rpm



ST-C124

3" Polisher
Speed: 2,100 rpm



ST-C120K

3" Random orbital air sander kit



ST-C121K

3" Air polisher kit



ST-C122K

3" High speed air sander kit



ST-C123

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

Model No.	Drilling Cap. (Collet) (Sanding Pad)		Spindle Thread	Free Speed (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 Driver (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'

★ Recommend Air Pressure: 6.2bar (90psi)

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: 11,000 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/s²
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

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	1	240	8.5	82	93	250	0.57	10Pcs/Ctn/8.3/0.91'
ST-66012	11,000	5	240	8.5	83.8	94.8	250	0.60	10Pcs/Ctn/8.6/0.91'
ST-66013	10,000	10	240	8.5	78.5	89.5	250	0.75	10Pcs/Ctn/10.1/0.91'

★ Recommend Air Pressure: 6.2bar (90psi)

Professional Air Body Saw / Knife



ST-6600D

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



ST-M5034

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



ST-M5034H

W/exhaust hose



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-AK100

Air knife w/1pc blade
20,000 spm



ST-AK100H

Air Knife w/1pc blade
20,000 spm
w/ Exhaust hose

Blades for ST-6600D, ST-M5034



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

Blade For ST-AK100

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

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

Model No.	Cutting Capacity Thickness (mm)		Stroke Length		Stroke Per Minute (b.p.m)	Air Consumption		Sound Pressure Level ± 3 dB(A)	Packing Pcs/Ctn/G.W./Cuft (kgs)
	Alum.	Steel	mm	inch		l/min	cfm		
ST-6600D	3	-	10	0.394	5,000	240	8.5	74	10Pcs/Ctn/14/1.4'
ST-M5034	3.2	2.6	10	0.394	9,000	240	8.5	82	20Pcs/Ctn/8.5/0.5'
ST-M5034H	3.2	2.6	10	0.394	9,000	240	8.5	82	20Pcs/Ctn/18/1'

Model No.	Free Speed (spm)	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-AK100	20,000	195	7-2/3	1/4"	3/8"	370	13	0.97	2.1	10Pcs/Ctn/11/0.5'

★ Recommend Air Pressure: 6.2bar (90psi)



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.



ST-BW300

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



Whole New Gear-Transmitted Design

provides more than double of cutting capacity over standard air body saws. (5.3mm / 5 Ga. metal sheet cutting ability)

360 Degree Swivel Air Exhaust Design.

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

Safety-Lock Trigger

New compact design of PU engineering plastic sleeve.

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



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



ST-SR101

Air metal shear
2,500 rpm



ST-SR102

Air metal shear
2,500 rpm



ST-CT100

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

Model No.	Cutting Capacity Thickness (mm)		Free Speed (rpm)	Stroke Length (mm)	Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
	Steel	Alum.			mm	inch			l/min	cfm	kgs	lbs	
ST-BW300	5.3	5.8	7,000 bpm	10	310	12-1/5	1/4"	3/8"	240	8.5	1.4	3.1	10Pcs/Ctn/17/0.8'
ST-SR101	1.2	2.4	2,500	-	250	9-3/4	1/4"	3/8"	370	13	1.21	2.7	10Pcs/Ctn/13.9/0.8'
ST-SR102	1.6	0.8 (Stainless Steel)	2,500	-	250	9-3/4	1/4"	3/8"	370	13	1.21	2.7	10Pcs/Ctn/13.9/0.8'
ST-CT100	-	-	20,000	-	180	7	1/4"	3/8"	370	13	0.84	1.85	10Pcs/Ctn/10/1'

★ Recommend Air Pressure 6.2 bar (90psi)

Professional Air Die Grinder



Scan for
Product Video!



Second Injected Ergonomics Designed Grip

Absorbs vibration and reduces hand fatigue.

Built-in Air Regulator

360 Swivel Air Exhaust Design

Avoids tangled air-line and operator fatigue.

Spindle Lock Button

For easy accessory change

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

New Compact Design of PU Engineering Plastic Sleeve

Durable 0.5HP Air Motor

With precision machined cylinder & rotors

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



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

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



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



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



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



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

Model No.	Collet		Free Speed (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(-S)	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(-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'

★ Recommend Air Pressure: 6.2bar (90psi)

Professional Air Tools



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



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



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



Scan for
Product Video!



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

NEW

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



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



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



ST-RW5003 82Nm (60ft-lb)
3/8" Air ratchet wrench
ST-RW5004 82Nm (60ft-lb)
1/2" Air ratchet wrench



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



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



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

Model No.	Pad Size	Free Speed (r.p.m.)	Overall Length		Air Inlet (I.D.)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
			mm	inch			l/min	cfm	kgs	lbs	
ST-AS10NFH-3	30mm (1.2")	8,000	180	7	1/4"	3/8"	76	2.7	0.65	1.4	10Pcs/Ctn/9/0.5'
ST-AS10N2H-3(S)	2"	16,000 (18,000)	180	7	1/4"	3/8"	283	10	0.66	1.5	10Pcs/Ctn/9.5/0.5'
ST-AS10N3H-3(S)	3"	16,000 (18,000)	180	7	1/4"	3/8"	283	10	0.66	1.5	10Pcs/Ctn/9.5/0.5'
ST-AS10N2R(S)	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(S)	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.	Free Speed (r.p.m.)	Overall Length		Air Inlet (I.D.)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
		mm	inch			l/min	cfm	kgs	lbs	
ST-ER100	2,500	225	8-3/4	1/4"	3/8"	370	13	1	2.2	10Pcs/Ctn/12/1'
ST-TB100	2,500	210	8-1/6	1/4"	3/8"	370	13	1	2.2	10Pcs/Ctn/12/1'

Model No.	Chuck Capacity		Free Speed (r.p.m.)	Overall Length		Air Inlet (I.D.)	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)	10	3/8	4,000	215	8-1/2	1/4"	3/8"	370	13	1.04	2.3	10Pcs/Ctn/12/1'

Model No.	Square Drive		Max. Torque		Free Speed (r.p.m.)	Overall Length		Air Inlet (I.D.)	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	82	60	160	265	10-2/5	1/4"	3/8"	370	13	1.32	2.9	10Pcs/Ctn/15/1'

Model No.	Cutting Capacity		Free Speed (b.p.m.)	Overall Length		Air Inlet (I.D.)	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-NB110	1.4 mm	1.6 mm	3,500	195	7-2/3	1/4"	3/8"	283	10	0.81	1.79	20Pcs/Ctn/21/1.2'

★ Recommend Air Pressure: 6.2bar (90psi)

Professional 2" Air Circular Saw



Features:

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



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



CT140-07
72T high speed
Stainless steel saw blade



CT141-07
160T high speed
Stainless steel saw blade



CT144-07
Diamond saw blade

Recommendations:

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



Model No.	Max. Cutting Depth	Free Speed (rpm)	Length		Net Weight		Air Consumption		Air Hose Size (O.D.)	Air Inlet (PT)	Packing 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'

★ Recommend Air Pressure: 6.2bar (90psi)



Professional Air Tapping Hand Tools



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

Push forward for tapping out.



Pull back for tapping out.



ST-TT110

M3-M8
Handle exhaust
Speed: 150 r.p.m.



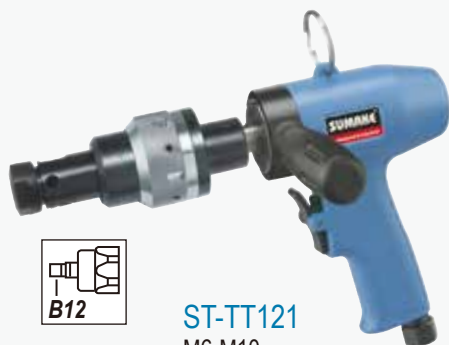
ST-TT111

M3-M12
Handle exhaust
Speed: 150 r.p.m.



ST-TT120

M3-M8
Handle exhaust
Speed: 350 r.p.m.



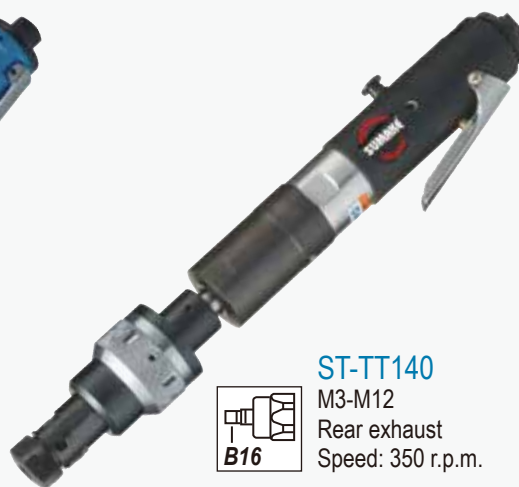
ST-TT121

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.

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'

★ Recommend Air Pressure: 6.2bar (90psi)

Professional Air Remove Tool / Air Cutter



ST-ER200

0.9HP

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



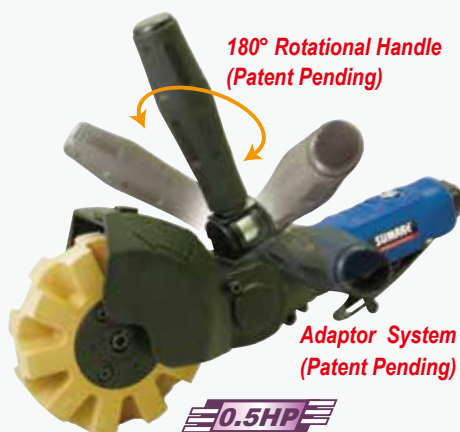
3-Position flexible head

Top Air Regulator
for variable speed change



360° Auxiliary handle

Vibration Damping Side Handle
for comfort on all jobs.



180° Rotational Handle
(Patent Pending)

Adaptor System
(Patent Pending)

0.5HP



ST-66342(V) Vacuum type



Dust collect bag for
ST-66342V models



Spindle lock

0.7HP

*Disc is not included

ST-7841SB

ST-7841SL

4" Extended reversible air cutter
Speed: 15,000 rpm

ST-7841SB

4" Reversible air cutter
Speed: 15,000 rpm

ST-66342

Non-vacuum

ST-66342D

Central vacuum

ST-66342V

Self-general vacuum

Remove-pro tool w/rubber eraser



ST-66342W

Non-vacuum

ST-66342DW

Central vacuum

ST-66342VW

Self-General vacuum

Remove-pro tool w/stripping wheel



66342-100

Rubber Eraser



66342-101

Stripping Wheel
(103mm*30mm)



66342-102

Adaptor for
Rubber Eraser &
Wire Wheel
(No.66342-103 ~
66342-106)



66342-103

Rubber Eraser



66342-104

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



66342-105

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



66342-106

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

Model No.	Free Speed (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-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 (I.D.)	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'

* Recommend Air Pressure: 6.2bar (90psi)



Professional 0.8HP Air Tools **NEW**

Applications:

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

Top Air Regulator Design
for variable speed change

360° Swivel Air Exhaust Design

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

Vibration Damping Side Handle
for comfort on all jobs.

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

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

Durable 0.8HP Air Motor

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

Built-In Spindle Lock Button Design

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

Built-In Spindle Lock Button Design

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

Model No.	Grinding Wheel		Spindle 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			mm	inch			l/min	cfm	kgs	lbs	
ST-GD154L2(L5)	100	4	M10X1.5 (3/8"-24)	12,000	217	8-1/2	1/4"	3/8"	540	19	1.6	3.53	10Pcs/Ctn/17/1.5'
ST-GD150L3(L6)	4.5"	115	M14X2.0 (5/8"-11)	12,000	217	8-1/2	1/4"	3/8"	540	19	1.6	3.53	10Pcs/Ctn/17/1.5'
ST-GD155L3(L6)	5"	125	M14X2.0 (5/8"-11)	12,000	217	8-1/2	1/4"	3/8"	540	19	1.6	3.53	10Pcs/Ctn/17/1.5'
ST-DG1502(1506)L-S	1/4"(6mm) Collet	-	-	22,000	207	8-1/7	1/4"	3/8"	370	13	0.93	2.05	20Pcs/Ctn/19/0.9'
ST-DG1512(1516)L-S	1/4"(6mm) Collet	-	-	18,000	202	8	1/4"	3/8"	370	13	1.07	2.36	20Pcs/Ctn/21/0.9'

★ Recommend Air Pressure: 6.2bar (90psi)



*Built-In Spindle
Lock Button Design*



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



*Built-In Spindle
Lock Button Design*



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

360° Adjustable
Safety Guard.



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



3-Position flexible head



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



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



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

Model No.	Pad Size		Free Speed (r.p.m)	Spindle Size	Horsepower		Overall Length		Air Inlet (PT)	Air Hose (I.D.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
	mm	in			hp	w	mm	in			l/min	cfm	kgs	lbs	
ST-AS15N2H-S	50	2	18,000	5/16"-24UNF	0.8	596	202	8	1/4"	3/8"	283	10	1.0	2.2	20Pcs/Ctn/21/0.9'
ST-AS15N3H-S	75	3	18,000	5/16"-24UNF									1.0	2.2	20Pcs/Ctn/21/0.9'
ST-AS15N2R-S	50	2	18,000	1/4"-20T									1.0	2.2	20Pcs/Ctn/21/0.9'
ST-AS15N3R-S	75	3	18,000	1/4"-20T									1.0	2.2	20Pcs/Ctn/21/0.9'

Model No.	Horsepower		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)
	hp	w		mm	in			l/min	cfm	kgs	lbs	
ST-CT150	0.8	596	20,000	230	9	1/4"	3/8"	370	13	1.3	2.87	10Pcs/Ctn/16.2/1.8'
ST-CT151	0.8	596	21,000	184	7-1/4					0.9	1.98	10Pcs/Ctn/11/1'

Model No.	Grinding Wheel	Spindle 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-DG1502(1506)L-10	1/4"(6mm) Collet	-	21,000	440	17-1/3	1/4"	3/8"	370	13	1.6	2.53	10Pcs/Ctn/18/1.5'
ST-DG1502(1506)L-17	1/4"(6mm) Collet	-	21,000	616	24-1/4	1/4"	3/8"	370	13	1.8	3.97	5Pcs/Ctn/11/1.3'

★ Recommend Air Pressure: 6.2bar (90psi)



Professional Minimal Air Tools

Applications:

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



Multi-Purpose Working Head Options

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

High-Visible Color Coating

For quick-identification of the tool in the messy workshop.



Scan for Product Video!

Mini Body Design

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

Precise Machined 0.3HP (224 watt) Air Motor

Side Safety-Lock Lever



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



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



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



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



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



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

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

★ Recommend Air Pressure 6.2 bar (90psi)

Professional Minimal Air Tools



ST-AS30N2R

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



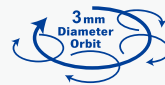
ST-AS30N2H

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



ST-AS30N2H-3

Mini air random
Orbital sander
w/2" hook pad
18,000 rpm



ST-AP6002H

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



ST-AD3002K 1/4"

Mini air straight drill
5,500 rpm



ST-RW220 3/8"

Mini air ratchet wrench
(thru-hole type)
Max torque:54 Nm (40ft-lb)
400 rpm

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



Scan for
Product Video!



ST-AD3012K 1/4"

Mini air angle drill
4,500 rpm



ST-RW221 1/4"

ST-RW222 3/8"

Mini air ratchet wrench
Max torque:54 Nm (40ft-lb)
300 rpm



ST-RW221-5 1/4"

ST-RW222-5 3/8"

Mini air ratchet wrench
w/ 5" extended head
Max torque:54 Nm (40ft-lb)
250 rpm

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

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

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

★ Recommend Air Pressure: 6.2bar (90psi)

Professional Air Die Grinder / Cut Off Tool



Built-in Air Regulator



Rear Exhaust Design.

Applies built-in muffler in the end to reduce the noise.

Durable 0.45HP Air Motor

with precision machined cylinder & rotor.



PU Cover

prevents hand chill in cold environments.



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



Safety-lock Trigger Design.

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

Plug type



►N=Nitto



►M=Milton



►E=Orion



►A=Aro



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



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



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



GS-10

10 pcs grinder stones set

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	160	6-2/7	0.56	1.23	10Pcs/Ctn/9/0.5'
ST-DG1312(6)L	6	1/4	18,000	0.45	336	1/4"	3/8"	370	13	170	6-2/3	0.8	1.76	20Pcs/Ctn/18/0.8'
ST-DG1302(6)L-5	6	1/4	20,000	0.45	336	1/4"	3/8"	370	13	260	10-1/3	0.99	2.18	10Pcs/Ctn/12/0.62'
ST-CT130	3"Cutting Wheel		20,000	0.45	336	1/4"	3/8"	370	13	180	7	0.74	1.63	10Pcs/Ctn/13/1'

★ Recommend Air Pressure: 6.2bar (90psi)

Industrial & Professional Air Die Grinder



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

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



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



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



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



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



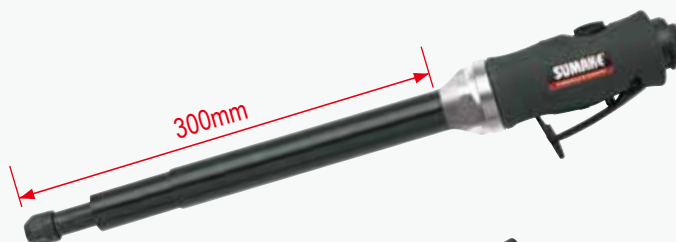
ST-7495 1/4"
ST-7495M 6mm
Speed: 23,000 rpm
0.9HP



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



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



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



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

Model No.	Motor (HP)	Collet Size		Free Speed (r.p.m.)	Over 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-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	165x68	6.5x2.6	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'

★ Recommend Air Pressure: 6.2bar (90psi)

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 w/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.)



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.)



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'

★ Recommend Air Pressure: 6.2bar (90psi)



Features:

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



ST-MG130N
Air Micro Grinder
65,000 r.p.m.



ST-MG1B1N
90° Air micro angle grinder
23,500 r.p.m.



ST-MG1B5N
45° Air micro angle grinder
23,500 r.p.m.



ST-MG1A5N
45° Air micro angle grinder
35,000 r.p.m.



ST-MG135N
3mm 45° Air micro angle grinder
43,000 r.p.m.

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-MG130N	3	-	65,000	165	6-1/2	1/4"	3/16"	170	6	0.13	0.30	32Pcs/Ctn/13.2/1.58'
ST-MG1B1N	30	1-1/6	23,500	140	5-1/2	1/4"	3/16"	170	6	0.15	0.33	32Pcs/Ctn/13.2/1.58'
ST-MG1B5N	30	1-1/6	23,500	140	5-1/2	1/4"	3/16"	170	6	0.15	0.33	32Pcs/Ctn/14.8/1.58'
ST-MG1A5N	20	4/5	35,000	140	5-1/2	1/4"	3/16"	170	6	0.15	0.33	32Pcs/Ctn/13/1.58'
ST-MG135N	3	-	43,000	140	5-1/2	1/4"	3/16"	170	6	0.14	0.31	32Pcs/Ctn/13.9/1.58'

Features:

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

ST-66103
0.3mm Stroke, 50,000 r.p.m.

ST-66107
0.7mm Stroke, 22,000 r.p.m.

ST-66112
1.2mm Stroke, 15,000 r.p.m.

Air turbolap liner tool



ST-66103S
0.3mm stroke, 55,000 r.p.m.

ST-66107S
0.7mm stroke, 20,000 r.p.m.

ST-66112S
1.2mm stroke, 10,000 r.p.m.

Air turbolap swing tool



Model No.	Blows Per Minute (b.p.m.)	Stroke Length (mm)	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-66103	50,000	0.3	185	7-2/7	1/4"	3/16"	170	6	0.2	0.44	25Pcs/Ctn/12.4/1.58'
ST-66103S	55,000	0.3	185	7-2/7	1/4"	3/16"	170	6	0.2	0.44	25Pcs/Ctn/12.4/1.58'
ST-66107	22,000	0.7	185	7-2/7	1/4"	3/16"	170	6	0.2	0.44	25Pcs/Ctn/12.4/1.58'
ST-66107S	20,000	0.7	185	7-2/7	1/4"	3/16"	170	6	0.2	0.44	25Pcs/Ctn/12.4/1.58'
ST-66112	15,000	1.2	185	7-2/7	1/4"	3/16"	170	6	0.2	0.44	25Pcs/Ctn/12.4/1.58'
ST-66112S	10,000	1.2	185	7-2/7	1/4"	3/16"	170	6	0.2	0.44	25Pcs/Ctn/12.4/1.58'

★ Recommend Air Pressure: 6.2bar (90psi)

Industrial Straight Air Die Grinder



Industrial collet chuck
for ST-7423 Series

Model No.	Motor (HP)	Carbide bur (mm)	Diamond Pin (mm)	Free Speed (rpm)	Net Weight		Length		Dia		Air Inlet (PT)	Air Hose (I.D.)	Packing Pcs/Ctn/G.W./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	35,000	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	35,000	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 (rpm)	Net Weight		Length		Air Consumption		Air Inlet (PT)	Air Hose (I.D.)	Packing Pcs/Ctn/G.W./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'

★ Recommend Air Pressure: 6.2bar (90psi)

Industrial Air Grinder



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

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



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

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



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

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



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

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



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

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



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

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



ST-7830L 2"
Lever type, 0.4HP

ST-7830G 2"
Rotary type, 0.4HP



ST-7834L 4"
Lever type, 0.7HP

ST-7834G 4"
Rotary type, 0.7HP



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

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



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

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



ST-7890L 9"
Lever type, 2.5HP

ST-7890G 9"
Rotary type, 2.5HP

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

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

Model No.	Motor (HP)	Collet		Free Speed (rpm)	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-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 (rpm)	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-7830L	0.4	2	1/4"-28UNF	15,000	168	6-3/5	1/4"	3/8"	370	13	0.75	1.65	20Pcs/Ctn/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	M8 x 1.0	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	M8 x 1.25	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	M8 x 1.25	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	M14 x 2.0	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	M14 x 2.0	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'

★ Recommend Air Pressure: 6.2bar (90psi)



Industrial Air Grinder / Vertical Grinder

◆ Disc is not included.



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



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



ST-7436
3" Straight grinder
Lever type
0.9HP



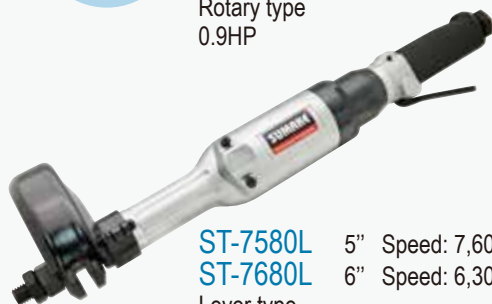
ST-7433G 1/4"
ST-7433GM 6mm
Extended
Rotary type
0.9HP



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



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



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



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



ST-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



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



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

Model No.	Motor (HP)	Collet		Free Speed (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-7433(M)	0.9	6	1/4	14,600	390	15-1/3	3/8"	3/8"	540	19	1.68	3.7	10Pcs/Ctn/19/0.8'
ST-7433G(M)	0.9	6	1/4	14,600	345	13-4/7	3/8"	3/8"	540	19	1.3	2.86	10Pcs/Ctn/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.)	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./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.)	Weight (kgs)	Max. Air Consumption (cfm)
			mm	in		mm	in				
ST-7580L(H)	1.3	7,600	125 x 19 x 12.7	5 x 3/4 x 1/2	1/2 x 12	501	19-11/16	3/8	1/2"	2.97	20
ST-7680L(H)	1.4	6,300	150 x 25 x 15.8	6 x 1 x 5/8	5/8 x 11	521	20-33/64	3/8	1/2"	4.14	24
ST-7580(H)	1.3	7,600	125 x 19 x 12.7	5 x 3/4 x 1/2	1/2 x 12	400	15-3/4	3/8	1/2"	2.97	20
ST-7680(H)	1.4	6,300	150 x 25 x 15.8	6 x 1 x 5/8	5/8 x 11	425	16-47/64	3/8	1/2"	4.14	24

Model No.	Free Speed (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'

★ Recommend Air Pressure: 6.2bar (90psi)

Industrial Air Die Grinder & Angle Grinder



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



Safety-Lock trigger

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



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

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



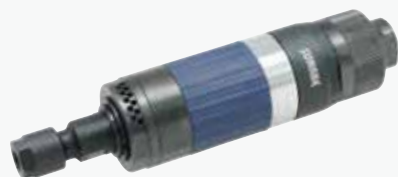
ST-DG8202L
ST-DG8206L
Lever type

1/4"
6mm



ST-DG8202L-6
ST-DG8206L-6
6" Extended spindle
Lever type

1/4"
6mm



ST-DG8202G
ST-DG8206G
Rotary switch type

1/4"
6mm



ST-DG8202G-6
ST-DG8206G-6
6" Extended spindle
Rotary switch type

1/4"
6mm



Side Exhaust

Safety Lever
Safety lever to prevent accidental start up.

Extended Life and Comfortable

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



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



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

Model No.	Power (HP)	Collet		Free Speed (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

★ Recommend Air Pressure: 6.2bar (90psi)



Industrial Air Angle Grinder

Applications:

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



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



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



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



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

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



Model No.	Disc Size		Spindle Size	Free Speed (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)	125	5	5/8"-11UNF	12,000	3/8"	1/2"	820	29	234	9-1/5	1.8	4	6Pcs/Ctn/13/1.8"
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)	180	7	5/8"-11UNF	7,600	3/8"	1/2"	540	19	234	9-1/5	2	4.4	6Pcs/Ctn/13/1.8"
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	3/8"	1/2"	540	19	291	11-1/2	1.6	3.5	6Pcs/Ctn/13/1.8"

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

★ Recommend Air Pressure: 6.2bar (90psi)

Industrial & Professional Air Angle Grinder



♦ Disc is not included.

"A" Type 5", 7" & 9" Grinder : M14-1.25 spindle

"B" Type 4" & 5" Grinder : 3/8"-24 spindle 7" & 9" Grinder : 5/8"-11 spindle

"C" Type 4" & 5" Grinder : M8-1.25 spindle 7" & 9" Grinder : M10-1.5 spindle

★ Please indicate the spindle type when ordering



ST-GD534L 4"
ST-GD535L 5"
Lever type

ST-GD534G 4"
ST-GD535G 5"
Roll type



Swivel Disc Protection
ST-7851R 4"
ST-7852R 4-1/2"
ST-7853R 5"
Spindle M14 x 2.0



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



ST-77364 Mini 4"
Lever type
Speed: 13,000 rpm

ST-77364G Mini 4"
Roll type
Speed: 13,000 rpm



ST-77365 4"
ST-77365-5 5"
Lever type

ST-77365G 4"
ST-77365G-5 5"
Roll type



ST-7741 7"
Lever type



ST-7843 4"
ST-7842 5"
Lever type



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

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	inch			l/min	cfm	kgs	lbs	
ST-GD534L(G)2	11,000	4	230	9	1/4"	3/8"	540	19	1.8	4.0	6pcs/Ctn/13/0.9'
ST-GD534L(G)5	11,000	4	230	9	1/4"	3/8"	540	19	1.8	4.0	6pcs/Ctn/13/0.9'
ST-GD535L(G)2	11,000	5	230	9	1/4"	3/8"	540	19	1.8	4.0	6pcs/Ctn/13/0.9'
ST-GD535L(G)3	11,000	5	230	9	1/4"	3/8"	540	19	1.8	4.0	6pcs/Ctn/13/0.9'
ST-GD535L(G)6	11,000	5	230	9	1/4"	3/8"	540	19	1.8	4.0	6pcs/Ctn/13/0.9'
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	10pcs/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	10pcs/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	10pcs/Ctn/16/1.8'
ST-7843	11,000	4	275	10-5/6	1/4"	3/8"	540	19	2.0	4.4	10pcs/Ctn/21/1.45'
ST-7842	11,000	5	275	10-5/6	1/4"	3/8"	540	19	2.0	4.4	10pcs/Ctn/21/1.45'
ST-7741	7,000	7	343	13-1/2	3/8"	1/2"	820	29	3.2	7.0	6pcs/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'

★ Recommend Air Pressure: 6.2bar (90psi)



Industrial Air Random Orbital Sander

Features:

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

Construction:

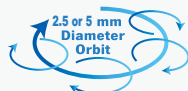
- Full floating rotor design reduces internal friction for a higher power transfer ratio, simplified maintenance, and longer tool life.
- One-piece motor shaft and pad balancer features heat-treated alloy and precision machined construction for smooth and durable operation.
- Hardened alloy steel cylinder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



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

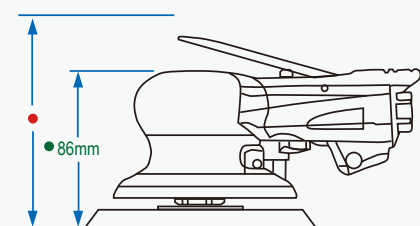


360° Rotation Air Exhaust Shutters
It provides different air exhaust directions for users.



- Higher tool body, bigger negative forces user will experience when operation.

- Innovative low profile eliminates negative forces that resist manual input -- resulting in comfort feeling and ease-of-use.



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



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



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



Model No.	Sander Type	Orbit Diameter		Sanding Pad		Power		Free Speed (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

★Recommend Air Pressure: 6.2bar (90psi)



Features:

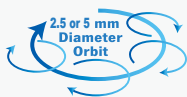
- Generate excellent power output with extraordinary light weight.
- Made by One-Piece motor shaft. Combination with precision steel and heat-treatment, this allow much more smooth and durable while operating with pad.
- Designed with streamline shape and anti-slippery protection.



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

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

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



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

Precision air-valve. Provide precise intake controllability.

Stronger bearing. Extend service life of tool significantly.



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



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



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



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

Model No.	Free Speed (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	
OSN-P50H(V)	12,000	5mm(3/16")	2.5mm(3/32")	209	0.28	1/4"	1/4"	0.80	1.76	160	6-2/7	430	15	12Pcs/Ctn/13.5/2.1'
OSN-P60H(V)	12,000	5mm(3/16")	2.5mm(3/32")	209	0.28	1/4"	1/4"	0.84	1.85	170	6-2/3	430	15	12Pcs/Ctn/13.5/2.1'
OSC-P50H(V)	12,000	5mm(3/16")	2.5mm(3/32")	209	0.28	1/4"	1/4"	0.85	1.87	210	8-1/4	430	15	12Pcs/Ctn/13.5/2.1'
OSC-P60H(V)	12,000	5mm(3/16")	2.5mm(3/32")	209	0.28	1/4"	1/4"	0.89	1.96	220	8-2/3	430	15	12Pcs/Ctn/13.5/2.1'
OSC-P60H(M)F	12,000	5mm(3/16")	2.5mm(3/32")	209	0.28	1/4"	1/4"	0.89	1.96	220	8-2/3	430	15	12Pcs/Ctn/15.1/2.5'
OSG-P50H(V)	12,000	5mm(3/16")	2.5mm(3/32")	209	0.28	1/4"	1/4"	0.85	1.87	210	8-1/4	430	15	6Pcs/Ctn/13.5/2.2'
OSG-P60H(V)	12,000	5mm(3/16")	2.5mm(3/32")	209	0.28	1/4"	1/4"	0.89	1.96	220	8-2/3	430	15	6Pcs/Ctn/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

★Recommend Air Pressure: 6.2bar (90psi)

Professional Air Orbital Sander

Features:

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

ST-7138NC(S)-5

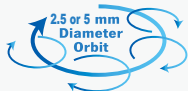
w/5" pad

ST-7138NC(S)-6

w/6" pad

Non-vacuum

12,000 r.p.m.



ST-7138DC(S)-5

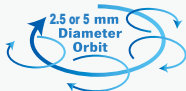
w/5" pad

ST-7138DC(S)-6

w/6" pad

Central vacuum

12,000 r.p.m.



ST-7138VC(S)-5

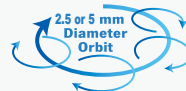
w/5" pad

ST-7138VC(S)-6

w/6" pad

Self-generated vacuum

12,000 r.p.m.



ST-7108NC(S)-5

ST-7108DC(S)-5

ST-7108VC(S)-5

(12,000 r.p.m.)

ST-7108NC(S)-6

ST-7108DC(S)-6

ST-7108VC(S)-6

(12,000 r.p.m.)



ST-7108SDC(S)-6

ST-7108SVC(S)-6

Dual Suction Shroud

(12,000 r.p.m.)

Central Vacuum

Self-Generated



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)

ST-7118DC(S)-5(6)

ST-7118VC(S)-5(6)

(10,000 r.p.m.)

Non vacuum

Central vacuum

Self generated



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

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	12,000	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	12,000	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	12,000	1/4"	3/8"	430	15	0.9	2	6Pcs/Ctn/10/2'
ST-7108NC(S)	5/6	125 / 150	5	2.5	12,000	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	12,000	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	12,000	1/4"	3/8"	430	15	1.0	2.2	6Pcs/Ctn/10/2'
ST-7108SDC(S)	6	150	5	2.5	12,000	1/4"	3/8"	430	15	1.0	2.2	6Pcs/Ctn/9.26/1.1'
ST-7108SVC(S)	6	150	5	2.5	12,000	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	10,000	1/4"	3/8"	430	15	1.3	2.9	6Pcs/Ctn/10/1.8'
ST-7118DC(S)	5/6	125 / 150		5	10,000	1/4"	3/8"	430	15	1.3	2.9	6Pcs/Ctn/10/1.8'
ST-7118VC(S)	5/6	125 / 150		5	10,000	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'

★ Recommend Air Pressure: 6.2 bar (90psi)



ST-7111NC
Non-vacuum

ST-7111DC
Central-vacuum



ST-7113NC
Non-vacuum

ST-7113DC
Central-vacuum



ST-7114NC
Non-vacuum

ST-7114DC
Central-vacuum

ST-7111VC

Self-generated vacuum jitterbug sander
w/hook pad (75x100mm) (10,000 rpm)

ST-7113VC

Self-generated vacuum jitterbug sander
w/hook pad (100X180mm) (8,500 rpm)

ST-7114VC

Self-generated vacuum tri sander
w/hook pad(10,000 rpm)



ST-7717 20,000 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



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	99 X 71	-	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)	99 X 71	-	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 110	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-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)	150	6	-	10,000	254	10	1/4"	3/8"	430	15	1.85	4.1	10Pcs/Ctn/22.7/1.2'

★ Recommend Air Pressure: 6.2bar (90psi)



Professional Air Sander & Polisher

**Polishing Bonnet not included



ST-7785 5"
(Hook pad No.:P-PU501C)

ST-7786 6"
ST-7787 7"
ST-7788 8"

Air sander
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

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	2.0	4.41	8Pcs/Ctn/20.7/2.2'
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'

★ Recommend Air Pressure 6.2 bar (90psi)



2" Pad



P-F2C

P-F2S

M6 x 20mm (L)



P-F2C2

P-F2S2

1/4" x 13/16" (L)



P-F2C1

P-F2S1

5/16"-24UNF

P-F3C1

P-F3S1

5/16"-24UNF



P-E50NC

P-E50NS



P-E55VC, P-E55VS

5" & 6" Pad



P-E56VC, P-E56VS



P-E60NC

P-E60NS



P-E66VC

P-E66VS

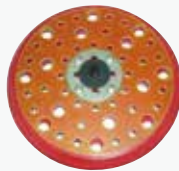


P-E615VC

5" & 6" Pad



P-G664VC



P-G653VC



P-C5C, P-C6C

P-C5S, P-C6S



P-D5C, P-D5S

P-D6C, P-D6S

5" Pad



X50LNJ00 (Hook facing)

X50LNV00 (Vinyl facing)



X50LVJ05 (Hook facing)

X50LJV05 (Vinyl facing)



X50LVJS6 (Hook facing)



X50LVJ0S (Hook facing)

6" Pad



X60LNJ00 (Hook facing)

X60LNV00 (Vinyl facing)



X60LVJ06 (Hook facing)

X60LJV06 (Vinyl facing)



X60LVJ0S (Hook facing)



X60LVJMS (Hook facing)

Sanding Disc Kit

SD-2AK-M 6mm spindle

SD-2AK-S 1/4" spindle

2" Sanding disc kit

SD-3AK-M 6mm spindle

SD-3AK-S 1/4" spindle

3" Sanding disc kit



SD-2BK-M 6mm spindle

SD-2BK-S 1/4" spindle

2" Sanding disc kit

SD-3BK-M 6mm spindle

SD-3BK-S 1/4" spindle

3" Sanding disc kit



S: Stick



C: Hook

Professional Air Belt Sander (Composite Handle)

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

0.6HP motor delivers great power output.

Adjustable arm for user comfort and multiple applications.

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



Model No.	Sanding Belt		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-B110A	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-B110B	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-B110C	13x610	1/2x24	17,000	455	17-9/10	1/4"	3/8"	480	17	0.97	2.1	10PCS/Ctn/11/1.4'
ST-B110E	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-B110G	20x520	7/8x20	16,000	430	17	1/4"	3/8"	480	17	1.23	2.7	10PCS/Ctn/18/1.7'
ST-B111G	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-B112G	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-B111K	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'

★ Recommend Air Pressure: 6.2bar (90psi)

Industrial & Professional Composite Air Belt Sander



NEW **0.9HP**

ST-BS510G 20x520 mm
ST-BS510H 30x540 mm
Speed: 18,000 r.p.m.
With 3 Belts
(#40, #60, #80)



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-BS510G	20 x 520	3/4 x 20-1/2	18,000	396	15 - 3/5	1/4"	3/8"	480	17	0.96	2.21	12PCS/Ctn/16.6/2.2'
ST-BS510H	30 x 540	1-1/6 x 21-1/4	18,000	400	15 - 3/4	1/4"	3/8"	480	17	1.1	2.43	12PCS/Ctn/14/2.2'
ST-BS500B	10 x 330	3/8 x 13	18,000	325	12 - 4/5	1/4"	3/8"	480	17	0.78	1.72	12PCS/Ctn/13.3/2.2'
ST-BS500D	13 x 330	1/2 x 13	18,000	325	12 - 4/5	1/4"	3/8"	480	17	0.78	1.72	12PCS/Ctn/13.3/2.2'
ST-BS500E	13 x 457	1/2 x 18	18,000	385	15 - 1/16	1/4"	3/8"	480	17	0.8	1.76	12PCS/Ctn/13.8/2.2'
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'

★ Recommend Air Pressure: 6.2bar (90psi)



Professional Vibration-Reduction Air Hammer

Patented Exhaust Way Switch Structure

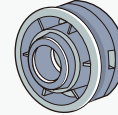
allows operator to change to front or rear exhaust direction.

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

Patented integrated quick change retainer allows operator quickly change the chisel and extends tool's life.

Patented Vibration-Damped Valve

reduced hand occupational injury.



Covered rubber grip provides better user comforts.

Front and Rear switchable Exhaust

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

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

Vibration reduction air hammer

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

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

Vibration-damped air hammer with Integrated Quick change retainer

Rear Exhaust

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

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

Vibration reduction air hammer

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

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

Vibration-damped air hammer with Integrated Quick change retainer



ST-M5080A/H Hex
ST-M5080A/R Round
190mm heavy duty air hammer
w/4pc 7" Chisels
(3,000 b.p.m)

ST-M5081A/H Hex
ST-M5081A/R Round
250mm heavy duty air hammer
w/4pc 7" chisels
(2,100 b.p.m)



ST-2247K/R-2, ST-2248K/R-2

Air hammer & round shank chisel kit

Contents:

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



ST-2247K/R-1

Air hammer, chisel & needle scaler Kit

Contents:

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



ST-2248K/R-1

Air hammer, chisel & needle scaler kit

Contents:

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

Spring Retainer



ST-2001
Universal



ST-2006
Two plies



ST-2002
Quick change



ST-20020
Quick change
retainer



ST-20021
Quick change retainer



ST-20022
Quick change retainer

Model No.	Chisel Shank (inch)	Bore Diameter (I.D.)		Piston Stroke Length		Blow Per Min (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"	19	3/4	63	2-1/2	3,000	227	(QC) 9	1/4"	3/8"	400	14	1.7	3.7	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"	19	3/4	89	3-12	2,200	243	(QC) 9-4/7	1/4"	3/8"	400	14	2.0	4.4	8Pcs/Ctn/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"	19	3/4	70	2-3/4	3,000	230	(QC) 9	1/4"	3/8"	400	14	1.7	3.7	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"	19	3/4	95	3-3/4	2,200	270	(QC) 10-5/8	1/4"	3/8"	400	14	2.0	4.4	8Pcs/Ctn/20/1.3'(QC)
ST-M5080A/H(R)	Hex: 10/11mm	19	3/4	58	2-5/16	3,000	206	8-1/9	1/4"	3/8"	400	14	1.8	3.96	10Pcs/Ctn/20/1.2'
ST-M5081A/H(R)	Round: 0.401"	19	3/4	76	3	2,100	235	9-1/4	1/4"	3/8"	400	14	2.3	5.06	10Pcs/Ctn/28/1.2'

★ Recommend Air Pressure: 6.2bar (90psi)

Professional Air Hammer



Chisel



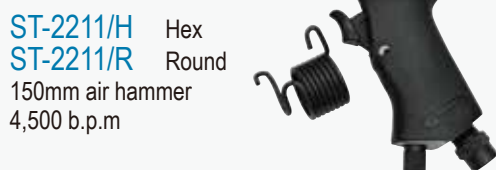
ST-M3008/H Hex
ST-M3008/R Round
150mm air hammer
w/4pc 5"(125mm) chisels
4,300 b.p.m



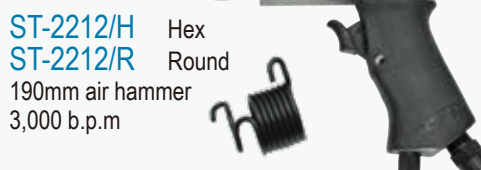
ST-M3009/H Hex
ST-M3009/R Round
190mm air hammer
w/4pc 5"(125mm) chisels
3,200 b.p.m



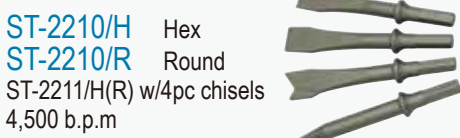
ST-M3009K/H Hex
ST-M3009K/R Round
190mm air hammer kit
Contents:
1- Air hammer (ST-M3009/H(R))
5- 7" chisels
1- Spring retainer
1- Mini oiler
1- Nipple
1- Oil pot



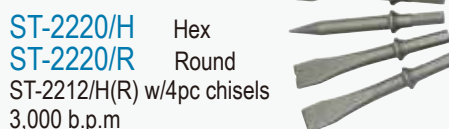
ST-2211/H Hex
ST-2211/R Round
150mm air hammer
4,500 b.p.m



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-2230/H Hex
ST-2230/R Round
ST-2213/H(R) w/4pc chisels
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))
5- 7" chisels
1- Spring retainer
1- Mini oiler
1- Nipple



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

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/13/0.7'
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/21/1.3'
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 (b.p.m.)	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'

★ Recommend Air Pressure: 6.2bar (90psi)



Vibration-Reduction Air Hammer

NEW

Features:

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

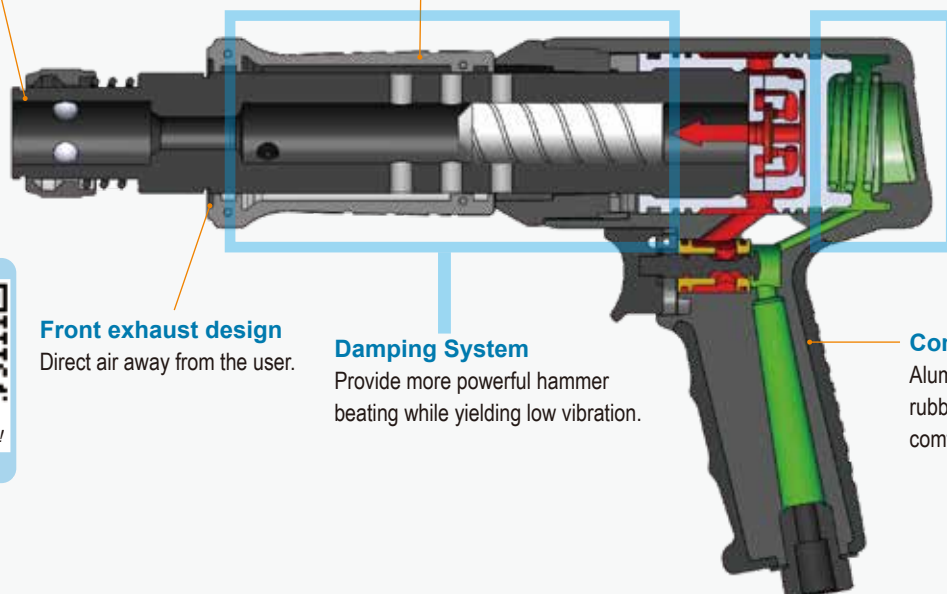


Rotating plastic grip design

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

Integrated quick-change retainer

For quick chisel installation.



Active Air Spring

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

Front exhaust design

Direct air away from the user.

Damping System

Provide more powerful hammer beating while yielding low vibration.

Comfort design

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



Scan for Product Video!



ST-AH603H-Q Hex:10 mm
ST-AH604H-Q Hex:11 mm
ST-AH603R-Q Round:0.41"
 3,500 b.p.m.



ST-AH605H-Q Hex:10 mm
ST-AH606H-Q Hex:11 mm
ST-AH605R-Q Round:0.41"
 2,500 b.p.m.

Model No.	Chisel Shank	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	
		mm	in	mm	in		mm	in			l/min	cfm	kgs	lbs
ST-AH603H-Q	Hex:10mm	19	3/4	58	2-2/7	3,500	242	9-1/2	1/4"	3/8"	480	17	2.2	4.85
ST-AH604H-Q	Hex:11mm	19	3/4	58	2-2/7	3,500	242	9-1/2	1/4"	3/8"	480	17	2.2	4.85
ST-AH603R-Q	Round:0.41"	19	3/4	58	2-2/7	3,500	242	9-1/2	1/4"	3/8"	480	17	2.2	4.85
ST-AH605H-Q	Hex:10mm	19	3/4	89	3-1/2	2,500	290	11-3/7	1/4"	3/8"	480	17	2.76	6.01
ST-AH606H-Q	Hex:11mm	19	3/4	89	3-1/2	2,500	290	11-3/7	1/4"	3/8"	480	17	2.76	6.01
ST-AH605R-Q	Round:0.41"	19	3/4	89	3-1/2	2,500	290	11-3/7	1/4"	3/8"	480	17	2.76	6.01

★ Recommend Air Pressure: 6.2bar (90psi)

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-NS410
Air needle scaler
w/Ø3x180mmx19 needles



ST-AH400R(H)
Air hammer
w/4 pcs 5" chisels, needle attachment
(Ø3x125mmx12 needles)



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

Model No.	Blow Per Min. (b.p.m.)	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-NS410	4,000	Ø3X180X19Pcs	-	40	1/4"	230	8	1.8	335	13-1/5	10Pcs/Ctn/19.7/1.4'
ST-AH400R(H)	4,600	Ø3X125X12Pcs	-	40	1/4"	230	8	1.6	375	14-3/4	10Pcs/Ctn/20.4/0.9'
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'

★ Recommend Air Pressure: 6.2bar (90psi)

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.

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"	170	6	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'

★ Recommend Air Pressure: 6.2bar (90psi)

Industrial Air Chipping Hammer



Chisel



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.)

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-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	6.84	15.08	2Pcs/Ctn/15.3/0.76'
ST-2201/R	Round: 17.3 mm	28.5	1-1/8	66.3	2-3/5	2,820	308	12-1/8	3/8"	1/2"	650	23	6.84	15.08	2Pcs/Ctn/15.3/0.76'
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	8.18	18.03	2Pcs/Ctn/18.25/0.96'
ST-2204/R	Round: 17.3 mm	28.5	1-1/8	102	4	1,500	410	16-1/8	3/8"	1/2"	650	23	8.18	18.03	2Pcs/Ctn/18.25/0.96'
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'

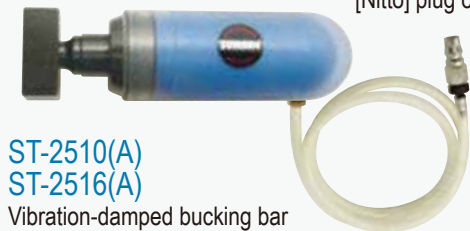
★ Recommend Air Pressure: 6.2bar (90psi)



Industrial Air Riveting Hammer

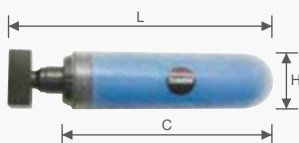


[Nitto] plug only



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	Manual	245	53	200	2.1
ST-2510A	Pneumatic	188	53	139	1.35
ST-2516A	Pneumatic	245	53	200	2.1



1" rivet chisel
(Std. accy)

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

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

ST-24002
ST-24003

Air riveting hammer
Piston type



★ Less Vibration

360° Exhaust design.

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



ST-24001

Air riveting hammer
Piston type



Chisel



SL: Lever Start

ST-2401S(SL) ST-2403S(SL)

1" Straight type 3" Straight type

ST-2402S(SL) ST-2404S(SL)

2" Straight type 4" Straight type



ST-2401

1" Pistol type

ST-2403

3" Pistol type

ST-2402

2" Pistol type

ST-2404

4" Pistol type



ST-2405

5" Pistol type

ST-2409

9" Pistol type

ST-2407

7" Pistol type

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

Model No.	Chisel Shank Dia. (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	
		mm	inch	mm	inch		Steel	Alum	mm	in			l/min	cfm	kgs	lbs
ST-24001	0.401	15.24	3/5	40	1-4/7	3,960	-	-	180	7-1/10	1/4	3/8	400	14	1.1	2.4
ST-24002	0.401	15.24	3/5	102	4	2,160	-	-	225	8-9/10	1/4	3/8	400	14	1.35	2.98
ST-24003	0.401	15.24	3/5	137	5-2/5	1,440	-	-	280	11	1/4	3/8	400	14	1.50	3.31
ST-2401	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

★ Recommend Air Pressure: 6.2bar (90psi)



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

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

★ Recommend Air Pressure: 6.2bar (90psi)

Industrial Air 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

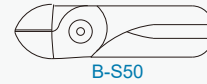
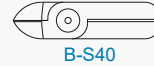
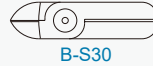
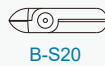
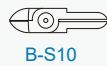
* ST-66716 & ST-66717 are recommended to be collaborated with pedal (AM-P)

Model No.	Cutting Capacity (Ø)mm			Grip Size (Ø)mm	Pressure Power (Bar)	Avg. Air Cons. (l/min)	Overall Length		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
	Copper	Iron	Plastic				mm	in	kgs	lbs	
ST-66710	0.8	0.5	-	20	26.5	0.04	126	5	0.08	0.18	28Pcs/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	25Pcs/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	25Pcs/Ctn/7/0.36'
ST-66711	2.6	2.0	5	45	137.3	0.23	170	6-2/3	0.34	0.75	35Pcs/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	21Pcs/Ctn/16.6/1.7'
ST-66713	3.3	2.8	-	45	274.6	0.51	268	10-5/9	0.55	1.21	21Pcs/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	20Pcs/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	20Pcs/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	35Pcs/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	20Pcs/Ctn/21.8/1.0'

*Separate Blades are available.

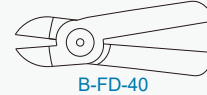
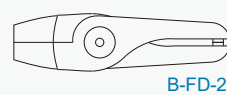
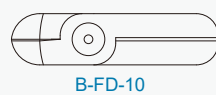
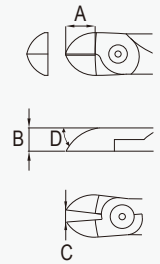
★Recommend Air Pressure: 6.2bar (90psi)

Blade For Air Nipper



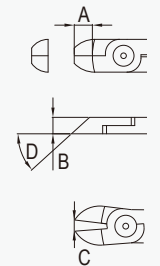
S Series Standard Blade

Model	Capacity(mm)		Body Model	A	B	C	D
	Copper Wire	Iron Wire					
B-S10	0.8	0.5	ST-66710	11	6.9	2.9	25°
B-S20	1.0	0.5	ST-6672	11	6.9	3	25°
B-S30	1.6	1.0	ST-6673	13.5	9.6	6	25°
B-S40	2.6	2.0	ST-66711、ST-66716	19	11.8	7.5	30°
	3.0	2.4	ST-66712				
B-S50	3.3	2.8	ST-66714、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				



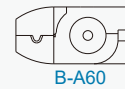
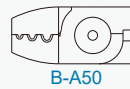
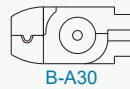
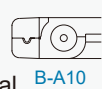
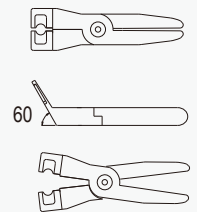
FD Series Plastic Cutting Blade

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°



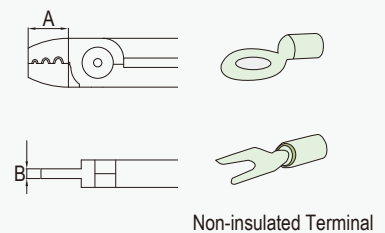
CL Series Strain Relief Bushing

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

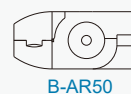
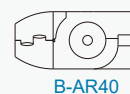
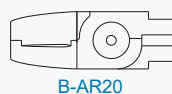


A Series Non-insulated Terminal

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

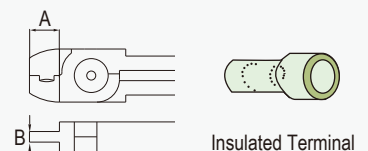


Non-insulated Terminal



AR Series Insulated Terminal

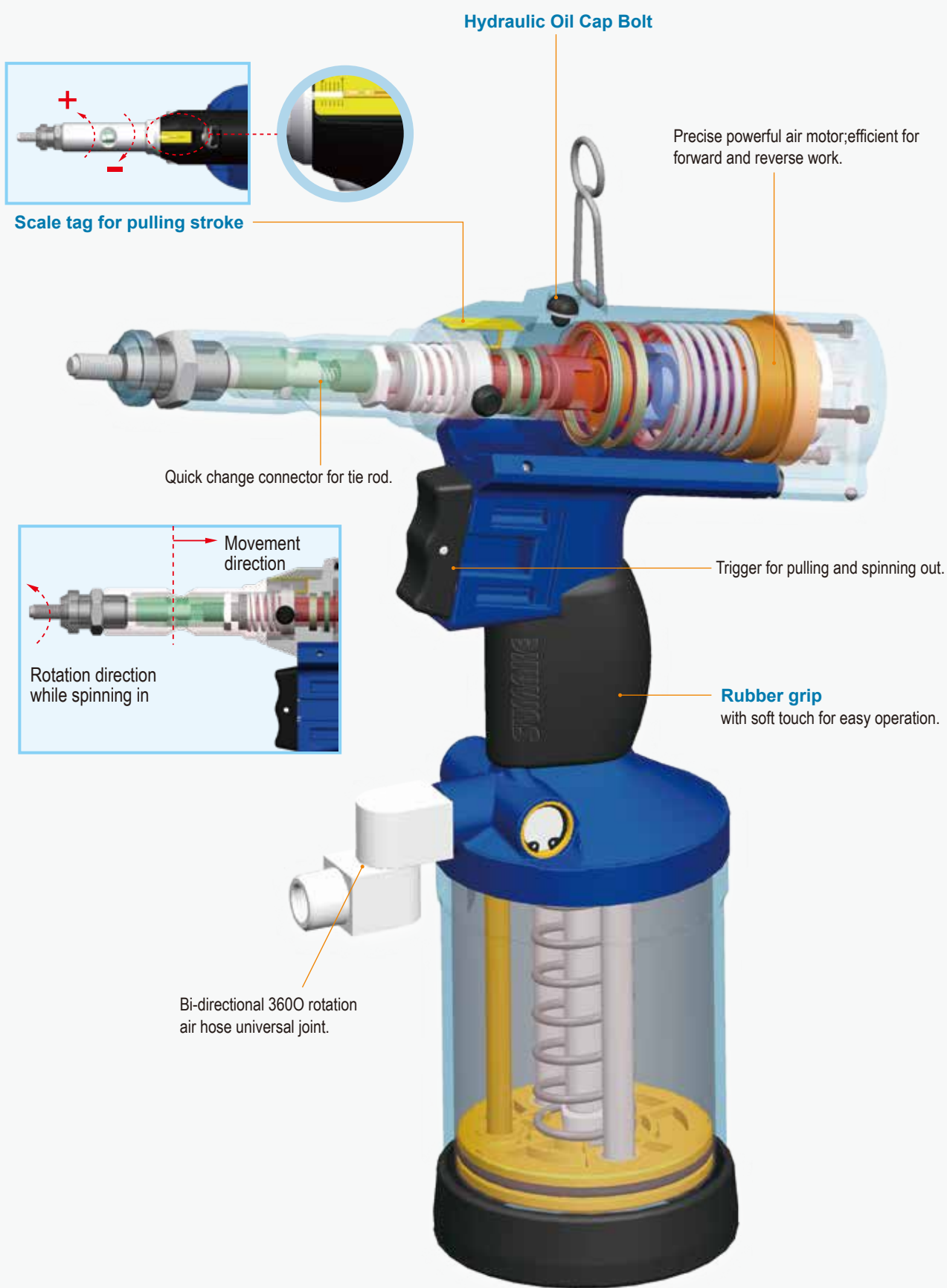
Model	Capacity	Body Model	A	B
B-AR20-1	1.25sq	ST-66713	14	6.5
B-AR40-1	1.25~2.0sq	ST-66714, ST-66715, ST-66717	22	5.8
B-AR40-2	2.0~5.5sq			
B-AR50	8.0sq	ST-66715	17	6
B-AR60	8.0sq, 14.0sq	ST-66719	45	11



Insulated Terminal



Industrial Air Hydraulic Riveting Nut Tool



Industrial Air Hydraulic Riveting Nut Tool



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



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



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



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



ST-6410 1/4"(6.4mm)
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



Magna-grip



Original huck design
(C6L)

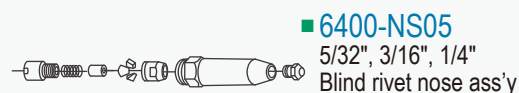


Nose head assembly:
1/4" Huck C6L nose
3/16" Huck C6L nose
1/4" Huck Magna-grip nose
3/16" Huck Magna-grip nose



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

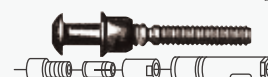
ST-6400-4.8 3/16" (4.8mm)
w/ 6400-NS04A
Air hydraulic lockbolt tool



■ **6400-NS05**
5/32", 3/16", 1/4"
Blind rivet nose ass'y



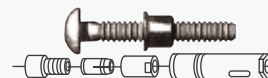
■ **6400-NS02A**
3/16" nose ass'y



■ **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

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'
ST-6920A	■: 1/4"-20, 5/16"-18, 1/2"-13, #8-32, #10-24, #10-32, 3/8"-16	7	0.28	3,100	6,800	450	16	3	6.6	4Pcs/Ctn/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'

★ Recommend Air Pressure: 6.2bar (90psi)

Industrial Air Hydraulic Riveter



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

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



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



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



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)

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	
ST-6220V	■: 5/64"(2.0), 3/32"(2.4), 1/8"(3.2), 5/32"(4.0)	522	1,150	17.78	0.7	235	9-1/4	255	9	2	1.15	2.9	10Pcs/Ctn/15.2/5'
ST-66164V	■: 3/32"(2.4), 1/8"(3.2), 5/32"(4.0), 3/16"(4.8)	908	2,000	15	0.59	250	9-3/4	255	9	3	1.45	3.2	10Pcs/Ctn/18.5/2.5'
ST-66164N	■: 3/32"(2.4), 1/8"(3.2), 5/32"(4.0), 3/16"(4.8)	908	2,000	15	0.59	250	9-3/4	255	9	3	1.39	3.1	10Pcs/Ctn/18.5/2.5'
ST-66165V	■: 3/32"(2.4), 1/8"(3.2), 5/32"(4.0), 3/16"(4.8)	908	2,000	23.5	0.93	270	10-1/2	255	9	3	1.49	3.3	10Pcs/Ctn/19.2/6'
ST-66165N	■: 3/32"(2.4), 1/8"(3.2), 5/32"(4.0), 3/16"(4.8)	908	2,000	23.5	0.93	270	10-1/2	255	9	3	1.46	3.2	10Pcs/Ctn/19.2/6'
ST-66166V	■: 3/16"(4.8), 7/32"(5.6), 1/4"(6.4)	1,407	3,100	26	1	310	12-1/4	255	9	3	1.86	4.1	6Pcs/Ctn/17.5/3.6'
ST-66166N	■: 3/16"(4.8), 7/32"(5.6), 1/4"(6.4)	1,407	3,100	26	1	310	12-1/4	255	9	3	1.77	3.9	6Pcs/Ctn/17.5/3.6'
ST-66167V	■: 3/16"(4.8), 7/32"(5.6), 1/4"(6.4), 5/16"(7.8)	1,723	3,800	22.5	0.88	310	12-1/4	255	9	3	1.84	4.1	8Pcs/Ctn/24.5/4'
ST-66167N	■: 3/16"(4.8), 7/32"(5.6), 1/4"(6.4), 5/16"(7.8)	1,723	3,800	22.5	0.88	310	12-1/4	255	9	3	1.74	3.8	8Pcs/Ctn/24.5/4'
ST-6671	■: 3/32"(2.4), 1/8"(3.2), 5/32"(4.0) ■: 3/16"(4.8)	1,000	2,300	16	0.625	287	11-5/16	255	9	3	1.8	4.0	6Pcs/Ctn/17.5/2.5'
ST-6674	■: 1/8"(3.2), 5/32"(4.0), 3/16"(4.8) ■: 1/4"(6.4)	1,140	2,500	16	0.625	280	11-3/8	255	9	3	1.8	4.0	6Pcs/Ctn/17.2/2.5'
ST-6675	■: 3/32"(2.4), 1/8"(3.2), 5/32"(4.0) ■: 3/16"(4.8)	1,000	2,300	16	0.625	287	11-5/16	255	9	3	1.8	4.0	6Pcs/Ctn/19.2/2.5'
ST-6676	■: 1/8"(3.2), 5/32"(4.0), 3/16"(4.8) ■: 1/4"(6.4)	1,723	3,800	23	0.875	317	12-1/2	255	9	3	2.3	5.0	6Pcs/Ctn/24/3.2'
ST-6677	■: 1/8"(3.2), 5/32"(4.0), 3/16"(4.8) ■: 1/4"(6.4)	1,723	3,800	23	0.875	317	12-1/2	255	9	3	2.4	5.2	6Pcs/Ctn/23.5/3.2'
ST-6240V	■: 3/16"(4.8), 7/32"(5.6), 1/4"(6.4)	1,816	4,000	26	1.02	325	12-4/5	255	9	3	1.94	4.28	6Pcs/Ctn/20.5/3.4'
ST-6250V	■: 3/16"(4.8), 7/32"(5.6), 1/4"(6.4), 5/16"(7.8)	2,270	5,000	26	1.02	325	12-4/5	255	9	3	2.18	4.28	6Pcs/Ctn/21/4.6'
ST-66155V	■: Standard blind rivet 3/16"(4.8), 5/32"(4.0), Blind rivet magnalock/monobolt/orlock 1/8"(3.2), 3/32"(2.4)	1,088	2,400	19.5	0.768	301	11-27/32	255	9	2	2.1	4.6	5Pcs/Ctn/16.5/2.4'
ST-66192V	■: Standard blind rivet 1/4"(6.4), 7/32"(5.6), Blind rivet magnalock/monobolt/orlock 3/16"(4.8)	1,695	3,740	15	0.59	306	12-3/64	255	9	2	1.95	4.3	5Pcs/Ctn/16.8/2.5'

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

★ Recommend Air Pressure: 6.2bar (90psi)

Professional Air Riveting Nut Tool / Hydraulic Riveter



ST-RN5005
ST-RN5008
ST-RN5010

Air riveting nut tool
Quick change head
Handle exhaust



ST-RN5106

Air riveting nut tool
Quick change head
Handle exhaust



ST-6901

Air riveting nut tool
Handle exhaust



ST-6902

Air riveting nut tool
Side exhaust



ST-6615 3/16"(4.8mm)
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) | 2-Valve pusher spring | 1-Oil piston O-ring |
| | 2-Return spring Ax1, Bx1 | 1-Oil piston back up ring |
| | 1-Safety cap | 1-Valve pusher O-ring |
| 1-Jaw case | 1-Frame cap nut | 1-Valve |
| 1-Jaw case joint | 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

Model No.			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.

Model No.	Blind Rivet Setting Capacity inch(mm)	Traction Power		Stroke Length		Air Consumption		Overall Height		Air Inlet (PT)	Air Hose (I.D.)	Jaw	Net Weight		Packing 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

★ Recommend Air Pressure: 6.2bar (90psi)

Professional Air Caulking Gun & Grease Gun



ST-6640 For cartridge
Air caulking gun (metal)



ST-6641 For cartridge
Air caulking gun (plastic)



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



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



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

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



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



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



HT-6101

Grease gun injection head with 100cc grease
Working Temperature (C°): -20° ~ 180°
Weight: 220g (0.48 lbs)
w/50°-0.5mm Dia Nozzle

*Different nozzle size for option
e.g. 90°-0.8mm, 50°-1.0mm, 50°-1.4mm Dia



HT-6101A1

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



► Recommend for mechanical
and air tool maintenance.



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

Model No.	Capacity (ml)	Operated Air Pressure (psi)	Air Inlet	Air Hose	Packing 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 x 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-C630	14oz / 400g	450g	410×49.0	Chrome Plated	40 ~ 100	2.8 ~ 6.9	1600 ~ 4000	110 ~ 276	10/Ctn/14/1.8'
ST-C630C	14oz / 400g	450g	410×49.0		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'

★ Recommend Air Pressure: 6.2bar (90psi)

Industrial Air Filter / Air Control Unit



Pre-filter

- The first filter stage separates particle $> 5\mu\text{m}$, condensed water and oil.
- The inside filter element of PE material separates the particles large than $5\mu\text{m}$.
- Centrifugal force from Cyclone type filter removes water, oil and impurities.



SA-2354A

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

Activated Charcoal

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

Micro Filter

The fine filter cartridge of the second filter stage separates smallest particle.
The filter fineness $0.01\mu\text{m}$, separation degree 99.998% related to a particle size $> 0.01\mu\text{m}$ and surface 300 cm^2 .



SA-2344A

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



SA-2354-1A

1/2" Air pre-filter



SA-2354-2

1/2" Air micro filter



SA-2354-3

1/2" Air activated charcoal



SA2354-05

Filter Element
- $5\mu\text{m}$
For SA-2354-1A



SA2354-14

Filter Element
- Activated Charcoal
For SA-2354-3



SA2354-12

Filter element
- $0.01\mu\text{m}$
For SA-2354-2



SA-2363R SA-2383R

Regulator 3/4" 1"



SA-2361A SA-2381A

Auto drainer 3/4" 1"



SA-2362A SA-2382A

Auto drainer 3/4" 1"



SA-2363A SA-2383A

Auto drainer 3/4" 1"



SA-2362AF&R SA-2382AF&R

Air filter & regulator
(Auto drainer) 3/4" 1"



SA-2361AF&R SA-2381AF&R

Air filter & regulator
(Auto drainer) 3/4" 1"



SA-2363AF SA-2383AF

Air filter
(Auto drainer) 3/4" 1"



SA-2362L SA-2382L

Lubricator 3/4" 1"

SA-2361M SA-2381M

Manual drainer 3/4" 1"

SA-2362M SA-2382M

Manual drainer 3/4" 1"

SA-2363M SA-2383M

Manual drainer 3/4" 1"

SA-2362MF&R SA-2382MF&R

Air filter & regulator
(Manual drainer) 3/4" 1"

SA-2361MF&R SA-2381MF&R

Air filter & regulator
(Manual drainer) 3/4" 1"

SA-2363MF SA-2383MF

Air filter
(Manual dainer) 3/4" 1"

Model No.	Port Size (PT, NPT)	Filter Element	Adj. Pressure Range (kgf/cm ²)	Max. Service Pressure (kgf/cm ²)	Maxi Flow (l/min)	Operating Temp Range (°C)	Drain Capacity (ml)	Packing Pcs/Ctn/G.W./Cuft (kgs)
SA-2344A	1/2"	$5\mu\text{m}+0.01\mu\text{m}$	10	15	2,500	5-60	300	6Pcs/Ctn/21.2/2'
SA-2354A	1/2"	$5\mu\text{m}+0.01\mu\text{m}+\text{Activated Charcoal}$	10	15	2,500	5-60	300	4Pcs/Ctn/21.3/2.05'
SA-2354-1A	1/2"	$5\mu\text{m}$	10	15	2,500	5-60	300	10Pcs/Ctn/17/1.7'
SA-2354-2	1/2"	$0.01\mu\text{m}$	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 (PT, NPT)	Filter Element	Adj. Pressure Range (kgf/cm²)	Max. Service Pressure (kgf/cm²)	Maxi Flow (l/min)	Operating Temp Range (°C)	Drain Capacity (ml)	Oil Capacity (ml)	Recommendable Lubricants	Packing 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-2362L
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-2362L
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-2382L
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	SA-2382L

★ Recommend air pressure: 6.2bar (90psi)



Professional Air Control Unit

Features:

- Big flow up to 6,000 L/min.
- Increase 40% more airflow than traditional models.
- 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.



SA-CU3022 1/4" Manual drain
SA-CU3032 3/8" Manual drain
SA-CU3042 1/2" Manual drain



SA-CU3023 1/4" Auto drain
SA-CU3033 3/8" Auto drain
SA-CU3043 1/2" Auto drain



SA-CU302FR 1/4" Manual drain
SA-CU303FR 3/8" Manual drain
SA-CU304FR 1/2" Manual drain



SA-CU302L 1/4" Air lubricator
SA-CU303L 3/8" Air lubricator
SA-CU304L 1/2" Air lubricator



SA-CU302R 1/4" Air regulator
SA-CU303R 3/8" Air regulator
SA-CU304R 1/2" Air regulator



SA-CU302F 1/4" Manual drain
SA-CU303F 3/8" Manual drain
SA-CU304F 1/2" Manual drain

SA-CU302FR-A 1/4" Auto drain
SA-CU303FR-A 3/8" Auto drain
SA-CU304FR-A 1/2" Auto drain

SA-CU302F-A 1/4" Auto drain
SA-CU303F-A 3/8" Auto drain
SA-CU304F-A 1/2" Auto drain

Model No.	Port Size (PT, NPT)	Filter Element	Adj. Pressure Range (kgf/cm ²)	Max. Service Pressure (kgf/cm ²)	Maxi Flow (l/min)	Operating Temp Range (°C)	Drain Capacity (ml)	Oil Capacity (ml)	Recommendable Lubricants	Type of Constitution Unit		
										Air Filter	Regulator	Lubricator
SA-CU3022(-A)	1/4	5μm	0.5 ~ 8.5	10	3000	5 ~ 60	80	100	ISO VG-32	SA-CU302FR(-A)		SA-CU302L
SA-CU3023(-A)	1/4	5μm	0.5 ~ 8.5	10	3500	5 ~ 60	80	100	ISO VG-32	SA-CU302F(-A)	SA-CU302R	SA-CU302L
SA-CU3032(-A)	3/8	5μm	0.5 ~ 8.5	10	4000	5 ~ 60	80	100	ISO VG-32	SA-CU303FR(-A)		SA-CU303L
SA-CU3033(-A)	3/8	5μm	0.5 ~ 8.5	10	5000	5 ~ 60	80	100	ISO VG-32	SA-CU303F(-A)	SA-CU303R	SA-CU303L
SA-CU3042(-A)	1/2	5μm	0.5 ~ 8.5	10	5250	5 ~ 60	80	100	ISO VG-32	SA-CU304FR(-A)		SA-CU304L
SA-CU3043(-A)	1/2	5μm	0.5 ~ 8.5	10	6000	5 ~ 60	80	100	ISO VG-32	SA-CU304F(-A)	SA-CU304R	SA-CU304L

Professional Air Control Unit



SA-2230A 1/4"
SA-2230 3/8"
Air filter, regulator & lubricator



SA-2240A 1/2"
SA-2260A 3/4"
Air filter, regulator & lubricator



SA-2220A 1/4"
SA-2220 3/8"
Air filter & regulator



SA-2230AF 1/4"
SA-2230L 3/8"
SA-2240AL 1/2"
SA-2260AL 3/4"
Air lubricator



SA-2230AF 1/4"
SA-2230F 3/8"
SA-2240AF 1/2"
SA-2260AF 3/4"
Air filter



SA-2201B 1/8"
SA-2201A 1/4"
Air regulator



SA-2220AR 1/4"
SA-2220R 3/8"
Air regulator



SA-2322 1/4"
SA-2323 3/8"
SA-2324 1/2"
Air filter, regulator & lubricator



SA-2312 1/4"
SA-2313 3/8"
SA-2314 1/2"
Air filter, regulator & lubricator



SA-2322F&R 1/4"
SA-2323F&R 3/8"
SA-2324F&R 1/2"
Air filter & regulator



SA-2312L 1/4"
SA-2313L 3/8"
SA-2314L 1/2"
Air lubricator



SA-2312F 1/4"
SA-2313F 3/8"
SA-2314F 1/2"
Air filter



SA-2312R 1/4"
SA-2313R 3/8"
SA-2314R 1/2"
Air regulator



SA-1121 1/8"
SA-1122 1/4"
Mini air filter, regulator & lubricator



SA-1111 1/8"
SA-1112 1/4"
Mini air filter, regulator & lubricator



SA-1121F&R 1/8"
SA-1122F&R 1/4"
Mini air filter & regulator



SA-1111L 1/8"
SA-1112L 1/4"
Mini air lubricator



SA-1111F 1/8"
SA-1112F 1/4"
Mini air filter



SA-1111R 1/8"
SA-1112R 1/4"
Mini air regulator

Model No.	Port Size (PT, NPT)	Filter Element	Adj. Pressure Range (kgf/cm ²)	Max. Service Pressure (kgf/cm ²)	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-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-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-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-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-2230	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-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-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-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-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-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

★ Recommend air pressure: 6.2bar (90psi)



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



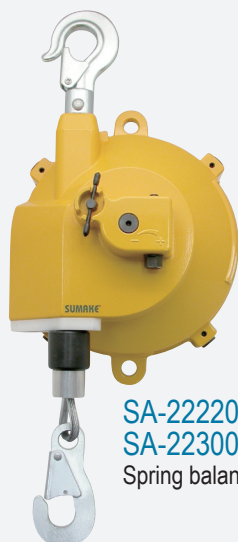
SA-22015
 (0.5-1.5kgs)
 Spring balancer
 Plastic case



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



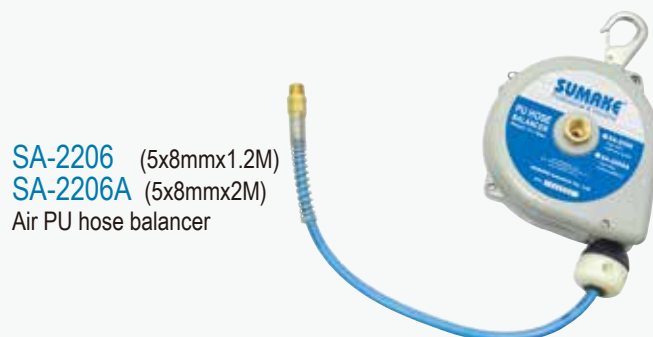
SA-22900 (70-90kgs)
SA-221050 (90-105kgs)
SA-221200 (105-120kgs)
 Spring balancer

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'



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.



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	5Pcs/Ctn/16/2.54'
HR-0183	8	12	200	14	800	56	27	8	PU	-5 ~ +60	Blue	Blue	5Pcs/Ctn/17/2.54'
HR-0185	6.5	10	200	14	800	56	33	10	PU	-5 ~ +60	Blue	Blue	5Pcs/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'

★ Max travel 1.0 Mpa(10kgf/cm²)



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 (10x14mmx10M)
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

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		-5 ~ +60	Yellow	Yellow	6Pcs/Ctn/22/4.2'
HR121012	6.5	10	220	15	880	60	40	12		-5 ~ +60	Yellow	Yellow	6Pcs/Ctn/22/4.2'
HR121208	8	12	220	15	880	60	27	8		-5 ~ +60	Yellow	Yellow	6Pcs/Ctn/22/4.2'
HR041010	6.5	10	220	15	880	60	33	10		-5 ~ +60	Blue	Yellow	2Pcs/Ctn/17/2'
HR041015	6.5	10	220	15	880	60	50	15		-5 ~ +60	Blue	Yellow	2Pcs/Ctn/17/2'
HR041210	8	12	220	15	880	60	33	10		-5 ~ +60	Blue	Yellow	2Pcs/Ctn/17/2'
HR041212	8	12	220	15	880	60	40	12		-5 ~ +60	Blue	Yellow	2Pcs/Ctn/17/2'
HR041215	8	12	220	15	880	60	50	15		-5 ~ +60	Blue	Yellow	2Pcs/Ctn/17/2'
HR0414510	10	14	220	15	880	60	33	10		-5 ~ +60	Blue	Yellow	2Pcs/Ctn/17/2'
HR300715	6.5	10	220	15	880	60	50	15		-5 ~ +60	Blue	Blue	3Pcs/Ctn/4'
HR300810	8	12	220	15	880	60	33	10		-5 ~ +60	Blue	Blue	3Pcs/Ctn/4'
HR300812	8	12	220	15	880	60	40	12		-5 ~ +60	Blue	Blue	3Pcs/Ctn/4'
HR300815	8	12	220	15	880	60	50	15		-5 ~ +60	Blue	Blue	3Pcs/Ctn/4'
HR301010	9.5	13.5	220	15	880	60	33	10		-5 ~ +60	Blue	Blue	4Pcs/Ctn/3.3'
HR301015	9.5	13.5	220	15	880	60	50	15		-5 ~ +60	Blue	Blue	2Pcs/Ctn/3'
HR310718	6.5	10	220	15	880	60	60	18		-5 ~ +60	Blue	Blue	2Pcs/Ctn/3'
HR310720	6.5	10	220	15	880	60	65	20		-5 ~ +60	Blue	Blue	2Pcs/Ctn/3'
HR310818	8	12	220	15	880	60	60	18		-5 ~ +60	Blue	Blue	2Pcs/Ctn/3'
HR310820	8	12	220	15	880	60	65	20		-5 ~ +60	Blue	Blue	2Pcs/Ctn/3'
HR311018	9.5	13.5	220	15	880	60	60	18		-5 ~ +60	Blue	Blue	2Pcs/Ctn/3'
HR311020	9.5	13.5	220	15	880	60	65	20		-5 ~ +60	Blue	Blue	2Pcs/Ctn/3'
HR021030	6.5	10	220	15	880	60	100	30		-5 ~ +60	Blue, Red, Orange	Black, Red	1Pcs/Ctn/9/1.3'
HR021050	6.5	10	220	15	880	60	165	50		-5 ~ +60	Blue, Red, Orange	Black, Red	1Pcs/Ctn/9/1.3'
HR021220	8	12	220	15	880	60	66	20		-5 ~ +60	Blue, Red, Orange	Black, Red	1Pcs/Ctn/9/1.3'
HR021230	8	12	220	15	880	60	100	30		-5 ~ +60	Blue, Red, Orange	Black, Red	1Pcs/Ctn/9/1.3'
HR021240	8	12	220	15	880	60	132	40		-5 ~ +60	Blue, Red, Orange	Black, Red	1Pcs/Ctn/9/1.3'
HR0213520	9.5	14.5	220	15	880	60	66	20		-5 ~ +60	Blue	Black, Red	1Pcs/Ctn/9/1.3'
HR0213530	9.5	14.5	220	15	880	60	100	30		-5 ~ +60	Blue	Black, Red	1Pcs/Ctn/9/1.3'
HR0214520	10	15	220	15	880	60	66	20		-5 ~ +60	Blue	Black, Red	1Pcs/Ctn/9/1.3'
HR024020	8.5	12.5	220	15	880	60	66	20		-5 ~ +60	Blue	Black, Red	1Pcs/Ctn/9/1.3'
HR024030	8.5	12.5	220	15	880	60	100	30		-5 ~ +60	Blue	Black, Red	1Pcs/Ctn/9/1.3'

Tire Inflator & Tire Chuck



SA-6600F
Tire inflator w/gauge
(220psi /15 Bar)



SA-6605
Tire inflator / deflator
(220psi)



SA-6606
Tire inflator gauge
(150psi /10kg)



SA-6612
3-function tire gauge
200psi /14kg



NEW
ST-TC300 30cm rubber hose
ST-TC302 85cm rubber hose
3 in 1 digital tire inflator
200psi



ST-TC303 85cm rubber hose, 12" dual chuck
3 in 1 digital tire inflator
200psi

SA-6612-3.5
with 3.5" gauge
200psi /14kg



NEW
ST-TC304 for bicycle
3 in 1 digital tire inflator
200psi



AC-1001
5/16" I.D. hose
chuck (Brass)



SA-3363
Tire chuck w/ steel pipe



SA-33640Z
Dual head tire chuck
(Zinc)



SA-33682
10" dual head tire
chuck w/1/4" female
fitting (Zinc)



TC-3
Air tire chuck w/5/16"
(I.D.)
PVC hose (1ft)

Connector type:



A=Aro



N=Nitto



M=Milton



E=Orion



Professional Air Blow Gun



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)-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



SA-5801ZN(M)(E)K
10Pcs Air blow gun kit
(100mm Tube) In Display Unit

Connector type:



A=Arro



N=Nitto



M=Milton



E=Orion



SA-3320

Air blow gun w/2pcs nozzle



SA-3320K

Air blow gun kit



SA-3321

High volume blow gun



SA-3320H

Air seat blow gun kit
(3.5m memory recoil
air hose 1/4" O.D.)



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-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-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

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-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-3325N

w/Nitto plug

SA-3325M

w/Milton plug

SA-3325E

w/Orion plug

Adjustable air blow gun

-Alum. housing



Professional High Flow Air Blow Gun

Features of SA-5902 Series:

- Air Inlet: 3/8" ● Max. Pressure: 250 psi (17.2 bar) ● Aluminum body ● Light weight and durable
- Meets or exceeds OSHA regulations ● Apply to clean big grain, heavy dust, deep and large area task

SA-5902N(M)(E)
Noise reduction nozzle



SA-5902N(M)(E)-1
Adjustable nozzle



SA-5902N(M)(E)-2
Centralized nozzle



SA-5902N(M)(E)-3
High flow nozzle



SA-5902N(M)(E)-300
300mm-tube

NEW
SA-5902N(M)(E)-900
900mm-tube

NEW
SA-5902N(M)(E)-1200
1200mm-tube

Features of SA-5930 Series:

- Air Inlet: 1/4" ● Max. Pressure: 215 psi (14.8 bar) ● Aluminum reinforced inlet. ● Plastic POM gun body, light weight and durable.
- Long life time: It is up-down type valve structure design and it can reduce the wear of spring.
- Therefore the life time can be longer.

SA-5930N(M)(E)
50mm-tube



SA-5930N(M)(E)-120
120mm-tube



SA-5930LN(M)(E)
250mm-tube



SA-5930N(M)(E)-2
w/safety nozzle



SA-5930N(M)(E)-5
w/adjustable safety nozzle



SA-5930N(M)(E)-1
w/quick safety nozzle



SA-5930N(M)(E)-10
w/rubber tip
50mm steel tube



SA-5930N(M)(E)-11
w/rubber tip,
100mm steel tube



SA-5930N(M)(E)-20
High volume, w/safety nozzle



SA-5930N(M)(E)-21
Plastic nozzle



SA-5930N(M)(E)-22
Plastic high flow nozzle



SA-5930N(M)(E)-23
Plastic radial blowing nozzle

Connector type:



A=Aro



N=Nitto



M=Milton



E=Orion

SA-5940-300 260mm-Tube
SA-5940-600 570mm-Tube
SA-5940-900 870mm-Tube
SA-5940-1200 1180mm-Tube
High volume blow gun
Max. pressure: 120 psi (8.3 bar)
Air inlet: 1/4"





Features:

- Suitable for effortless and effective dust removal and dewatering after cleaning.
- Pocket-size and lightweight blow gun convenient for carrying and moving around your worksite.



Cone-shape nozzle

Effective spraying distance up to 50mm at spray width Ø60mm.

Push button design

Intuitive button control designing for operator comfort.



Scan for Product Video!

Rotation shock-wave nozzle

Provides optimal spray performance than traditional air guns while saving energy.

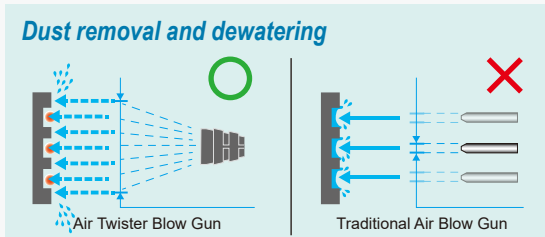
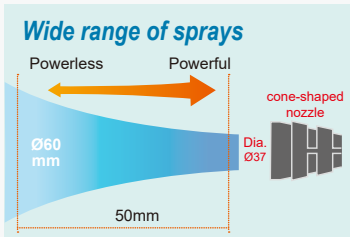
SA-BG900

SA-BG900B

*Powerful big nozzle tube

SA-BG900

Pocket type
Air twister blow gun



Mini body design

Deal with any hard-to-access working area.

DG-10-1

Air duster w/1" nozzle
Max. pressure:
120 psi (8.3 bar)
Air Inlet: 1/4"



DG-10-2

Air duster w/2" nozzle



DG-10L

Air duster w/2 nozzles (1" & 4")

SA-1031

High volume blow gun



SA-5505B

Air blow & vacuum gun kit
Alum. gun body

SA-5300

Composite air vacuum gun kit
Inc. 3 nozzles, extension tube,
12" flexible hose & vacuum
Dust bag (box package)

SA-5300K

Blow case package



Model No.	Free Speed (r.p.m.)	Working Pressure (psi)	Air Inlet (PT)	Air Consumption		Overall Length		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
				l/min	cfm	mm	in	kgs	lbs	
SA-BG900	6,000	50-90	1/4"	80	2.8	150 x 96	6 x 3-7/9	0.14	0.31	50Pcs/Ctn/11.8/2.3'
SA-BG900B	5,000	90-120	1/4"	80	2.8	148 x 42	5-5/6 x 1-1/2	0.14	0.31	50Pcs/Ctn/13/2.3'

Model No.	Overall Length (Gun body)		Suction (With dust bag)	Air Inlet (PT)	Min. Hose Size	Air Consumption		Net Weight		Packing Pcs/Ctn/G.W./Cuft (kgs)
	mm	in				l/min	cfm	kgs	lbs	
SA-5505B	145	5-5/7	-	1/4"	5/16"	340	12	0.7	1.54	20Pcs/Ctn/17/4'
SA-5300	145	5-5/7	9cmHg	1/4"	5/16"	340	12	0.7	1.54	20Pcs/Ctn/16/3.1'

★ Recommend air pressure: 6.2bar (90psi)

Air Accessories



SA-2003

1/4" male x 1/4" female
regulator (Brass)



SA-2003A

1/4" male x 1/4" female
regulator (Aluminum)



SA-2003B

1/4" male x 1/4" female
regulator (Zinc)



SA-4496

1/4" universal swivel
connector
(Aluminum shell,
stainless steel body)



SA-4496R

1/4" universal swivel connector
w/regulator
(Aluminum shell,
stainless steel body)



39R20A

1/4"M x 1/4"F universal
swivel air inlet joint
w/regulator



3920A

1/4"M x 1/4"F universal
swivel air inlet joint
(Alum. alloy)



SA-2001A (Alum.)

1/4" air regulator



SA-20082A

1/4" air regulator



SA-20102A

1/4" air regulator



SA-2012

1/4" air regulator



DA-2001B

1/4" air regulator
w/digital gauge
(Alum. body)



DA-2002B

1/4" air regulator
w/digital gauge
(Zinc body)



DA-2003B

1/4" air regulator
w/digital gauge
(Plastic body)



SA-3330

3/8" mini oiler



SA-3340

1/4" mini oiler



SA-3330A 3/8"

mini oiler (Alum.)



SA-4490

1/4" swivel connector



SA-4491

1/4" swivel connector
w/regulator



SA-2202

oil & water
separator



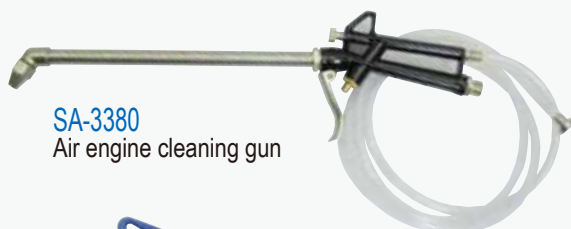
SA-2002A

oil & water
separator



SA-2002B

oil & water
separator



SA-3380

Air engine cleaning gun



SA-1036

Engine cleaning gun
w/4ft suction hose



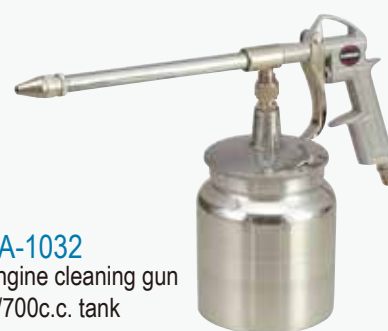
SA-5513

Air under coating gun



SA-5500

Engine cleaning gun



SA-1032

Engine cleaning gun
w/700c.c. tank

Suction Cup & Vacuum Dent Puller



SC-9601P08
SC-9601P09
Pump vacuum suction cup
w/ Brass handle



SC-9601P08A
Pump vacuum suction cup
w/ Plastic handle

SC-9601 Ø125mm
Single suction cup w/
spherical rubber pad

SC-9601J Ø100mm
Single suction cup w/
spherical rubber pad

SC-9601K Ø75mm
Single suction cup w/
spherical rubber pad



SC-002
Single suction cup
(Plastic housing)



SC-9801A
Single suction cup
(Chrom plated)



SC-9602
Suction cup
(Dual. Cap)



SC-9602A
Suction cup
(Adjustable Dual. Grip)



SC-001
2pc Double suction cup
Set w/ratchet tire down



SC-001-1
1pc Double suction cup



SC-9803
Suction cup-3 grips fix style
(Nickel plated)



SC-9804
Suction cup-4 grips fix style
(Nickel plated)



SC-9901M
Manual vacuum dent puller



SC-9901A
Pneumatic vacuum dent puller

Model No.	Weight (g)	Capacity (kgs)	Diameter (Ømm)	Description
SC-9601P08	2,000	100	200	Pump Vacuum Suction Cup
SC-9601P09	2,300	120	230	Pump Vacuum Suction Cup
SC-9601P08A	850	80	200	Pump Vacuum Suction Cup
SC-9601	450	20	125	Spherical Cap
SC-9601J	380	15	100	Spherical Cap
SC-9602	650	50	117	Dual Cap
SC-001	1,650	150	118	Dual Cap

Model No.	Weight (g)	Capacity (kgs)	Diameter (Ømm)	Description
SC-9601K	350	10	75	Spherical Cap
SC-002	330	40	118	Single cup - flat
SC-9801A	470	40	123	Single cup
SC-9602A	1,150	35	117	Adjustable Dual Grip
SC-001-1	700	75	118	Dual Cap
SC-9803	1,340	100	123	Three-grip Fix Style.To Plate With Chromium
SC-9804	1,840	120	123	Suction Cup-4 Grips Fix Style

Model No.	PAD Thread	Adsorption	Exhaust	Noise Level (dB)	Sliding Hammer		Overall Length		Tool Weight		Working air pressure		Air Inlet (PT)	Packing Pcs/Ctn/G.W./Cuft (kgs)
					kgs	lbs	mm	in	kgs	lbs	psi	bar		
SC-9901M	M18	Manual	-	-	1.22	2.64	770	30-31/100	2.6	5.6	-	-	-	3Pcs/Ctn/14.9/1.6'
SC-9901A	M18	Pneumatic	Upper	78	1.22	2.64	630	24-4/5	2.8	6.1	90	6.2	1/4"	3Pcs/Ctn/14.9/1.6'



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Wrench



Automatic
Screw Feeder



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ISO 9001



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