



PNEUMATIC TOOLS
SHINANO INC.

MADE IN JAPAN

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You Tube



QUALITY
JAPANESE
AIR TOOLS

CATALOG

2014-2015 Vol.2

[IMPACT WRENCHES] [DRIVERS] [RATCHET WRENCHES] [SANDERS] [POLISHERS] [GRINDERS] [DRILLS/SPOTMILLS] [CUTTING TOOLS] [OTHERS]



PNEUMATIC TOOLS
SHINANO INC.

SHINANO PNEUMATIC TOOL CATALOG **MADE IN JAPAN**

Functional and Sophisticated Design

Well designed tools that have fully biotechnological and easy to use.

Highest Perfection

We provide excellence to our customers' needs, in all respects, such as quality, function, user friendliness, safety, noise control and warranty.



That is our promise of having "SI" marked products.



ISO9001 Management system certificate



JQA-QMA13047



CM009



JQA-QMA13047



091

We, Shinano Inc. were established in 1949 and Specialized our air tools in 1969. We have achieved excellent results and built on our experience to meet our own requirements for quality, accuracy, safety and user friendliness. Our production ratio is one of the largest in the world. We cover more than 100 types of tools.

IMPACT WRENCHES

P 5-10



IMPACT WRENCHES 5

1/4" Impact Wrench		3/8" Impact Wrench		1/2" Impact Wrench		1" Impact Wrench	
SI-1310S	6	SI-1357	7	SI-1490A	8	SI-1860	9
3/8" Impact Wrench		1/2" Impact Wrench		SI-1490ASR	8	SI-1866	9
SI-1315S	6	SI-1457	7	SI-1492A	8	SI-1870	9
SI-1355	6	3/8" Impact Wrench		SI-1492ASR	8	SI-1876	9
SI-1365	6	SI-1605	7	3/4" Impact Wrench		SI-1878	9
SI-1305	6	SI-1605SR	7	SI-1550	8	SI-1880	9
1/2" Impact Wrench		1/2" Impact Wrench		SI-1550SR	8	SI-1888	9
SI-1650AH	6	SI-1610	7	SI-1556	8	1-1/2" Impact Wrench	
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1/4" Ratchet Wrench		1/2" Ratchet Wrench	
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3/8" Ratchet Wrench		3/8" Ratchet Wrench	
SI-1205B	15	SI-1241A	17
1/4" Ratchet Wrench		SI-1340B	17
SI-1207	15	1/2" Ratchet Wrench	
3/8" Ratchet Wrench		SI-1345B	17
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SI-2700	19	SI-3103B/SI-3103BM	22	Mini Sander	
SI-2700L	19	Self Vacuum Geared Dual Action Sander		SI-2107A	27
SI-2700LS	19	SI-3115R	22	Heavy Duty Mini Sander	
SI-2800	19	SI-3115R-6	22	SI-2108	27
SI-2830	19	Mini Dual Action Sander		Disc Sander	
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SI-3111/SI-3111M	20	Orbital Sander		Disc Sander	
SI-3111-6/SI-3111-6M	20	SI-3003A/SI-3003AM	23	SI-2300	29
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POLISHERS 32

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GRINDERS 35

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SI-2002/SI-2002-6	36	SI-2501	38
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CUTTING TOOLS 46

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OTHERS 51

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SOUND&VIBRATION

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QUALITY

P 58

Viewpoint of the catalogue page

Viewpoint of the product page			
Model Number	SI-1365	3/8" Impact Wrench	
Explanation	- The ultimate design for a 3/8" sq drive impact wrench - Precision machined air motor for durability Muffled exhaust for industrial use		
Explanation of Clutch	Double Hammer	Reverse lever	Regulator
Attachment Included	458-58	134 mm	193 mm
Maximum Torque	100Nm	Product image	Specification

Viewpoint of the accessories list

IMPACT WRENCH ACCESSORIES		103-1	215RA-13	458-58	738-8	7360H-10	911A-10
Model Number		Muffler	Muffler Filter inside (Type 20)	Housing Cover	Muffler Retainer	Retainer	Muffler Retainer
SI-1365				★			
SI-1650AH		★			★	★	
SI-1420T							
SI-1422T							
SI-1605/SI-1605SR			★		★	★	
SI-1610/SI-1610SR		★			★	★	
Attachment & Standard Accessories							

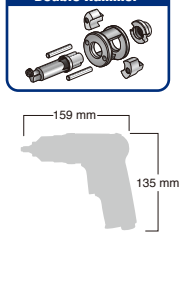
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SI-1310S

1/4" Impact Wrench

- Composite body absorbs the vibration remarkably well and also protects your hand from the cold.
- Compact, lightweight, and a "feather touch" trigger for easy operation.
- Rear exhaust from handle-end directs air away from operator and workplace.

Double Hammer



159 mm
135 mm

SI-1310S

Maximum Torque :
40Nm

Reverse lever



SI-1315S

3/8" Impact Wrench

- Composite body absorbs the vibration remarkably well and also protects your hand from the cold.
- Compact, lightweight, and a "feather touch" trigger for easy operation.
- Rear exhaust from handle-end directs air away from operator and workplace.

Double Hammer



SI-1315S

Maximum Torque :
60Nm

Reverse lever



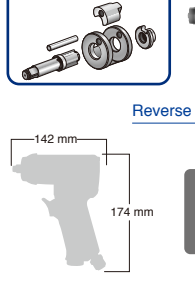
	SI-1310S	SI-1315S
Maximum Torque Nm/(ft-lb)	40/(30)	60/(44)
Working Torque Range Nm/(ft-lb)	0-35/(0-26)	0-50/(0-37)
Bolt Cap mm/(in.)	8/(5/16)	10/(3/8)
Free Speed r.p.m.	10,000	10,000
Weight kg/(lb)	0.63/(1.39)	0.63/(1.39)
Noise Level dBA/(power)	86/(97)	86/(97)
Vibration a/k m/s ²	4.8/0.9	4.9/1.0
Avg Air Consumption CFM	2.1	2.1
Air Inlet Size in.	1/4	1/4
Hose Size mm/(in.)	10/(3/8)	10/(3/8)

SI-1355

3/8" Impact Wrench

- Standard impact wrench with front exhaust
- Push button action for reverse

Single Hammer

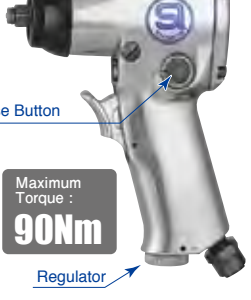


142 mm
174 mm

SI-1355

Maximum Torque :
90Nm

Reverse Button



Regulator

Maximum Torque Nm/(ft-lb)	90/(66)
Working Torque Range Nm/(ft-lb)	0-75/(0-55)
Bolt Cap mm/(in.)	10/(3/8)
Free Speed r.p.m.	9,000
Weight kg/(lb)	1.12/(2.47)
Noise Level dBA/(power)	80/(91)
Vibration a/k m/s ²	3.3/0.8
Avg Air Consumption CFM	2.7
Air Inlet Size in.	1/4
Hose Size mm/(in.)	10/(3/8)

SI-1365

3/8" Impact Wrench

- The ultimate design for a 3/8" sq drive impact wrench
- Precision machined air motor for durability Muffled exhaust for industrial use

Double Hammer



SI-1365

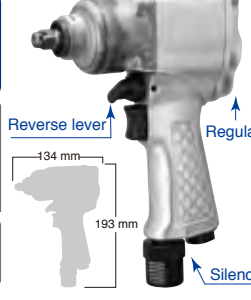
Maximum Torque :
100Nm

Attachment Included



458-58

Reverse lever



Regulator

134 mm
193 mm

Silencer

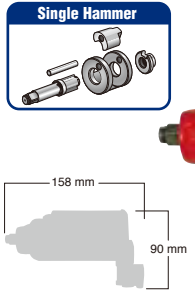
Maximum Torque Nm/(ft-lb)	100/(74)
Working Torque Range Nm/(ft-lb)	0-80/(0-59)
Bolt Cap mm/(in.)	10/(3/8)
Free Speed r.p.m.	8,000
Weight kg/(lb)	1.31/(2.89)
Noise Level dBA/(power)	91/(102)
Vibration a/k m/s ²	8.3/1.3
Avg Air Consumption CFM	3.3
Air Inlet Size in.	1/4
Hose Size mm/(in.)	10/(3/8)

SI-1305

3/8" Impact Wrench

- 3/8"sq.palm grip Impact with butterfly throttle lever for quick and easy single hand operation
- 360° Air inlet swivel for easy manoeuvring

Single Hammer

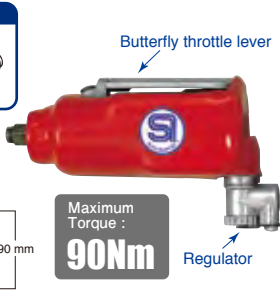


158 mm
90 mm

SI-1305

Maximum Torque :
90Nm

Butterfly throttle lever



Regulator

Maximum Torque Nm/(ft-lb)	90/(66)
Working Torque Range Nm/(ft-lb)	0-75/(0-55)
Bolt Cap mm/(in.)	10/(3/8)
Free Speed r.p.m.	9,000
Weight kg/(lb)	0.94/(2.08)
Noise Level dBA/(power)	91/(102)
Vibration a/k m/s ²	3.8/0.8
Avg Air Consumption CFM	2.8
Air Inlet Size in.	1/4
Hose Size mm/(in.)	10/(3/8)

SI-1650AH

1/2" Impact Wrench

- 90°head model
- Possible to turn the head 360°
- Ideal for changing the blade of tractors and farming equipment

Twin Hammer



SI-1650AH

Maximum Torque :
350Nm

Attachment Included



103-1 736-8

Regulator/Reverse Lever



2-Finger Throttle

270 mm
174 mm

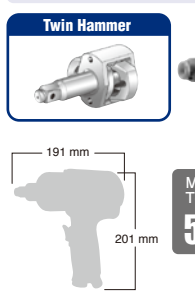
Maximum Torque Nm/(ft-lb)	350/(258)
Working Torque Range Nm/(ft-lb)	0-280/(0-207)
Bolt Cap mm/(in.)	16/(5/8)
Free Speed r.p.m.	(F)7,500 (R)8,000
Weight kg/(lb)	2.80/(6.17)
Noise Level dBA/(power)	91/(102)
Vibration a/k m/s ²	18.1/2.2
Avg Air Consumption CFM	4.0
Air Inlet Size in.	1/4
Hose Size mm/(in.)	10/(3/8)

SI-1420T

1/2" Impact Wrench

- Higher powered impact wrench with 1/2"sq. anvil
- The twin hammer clutch delivers higher torque and faster power delivery

Twin Hammer



191 mm
201 mm

SI-1420T

Maximum Torque :
500Nm

Reverse Button



Regulator

Maximum Torque Nm/(ft-lb)	500/(369)
Working Torque Range Nm/(ft-lb)	0-400/(0-295)
Bolt Cap mm/(in.)	18/(11/16)
Free Speed r.p.m.	6,000
Weight kg/(lb)	2.55/(5.62)
Noise Level dBA/(power)	

IMPACT WRENCHES

1/2" Impact Wrenches • 3/8" Impact Wrenches

IMPACT WRENCHES

1/2" Impact Wrenches • 3/4" Impact Wrenches

SI-1357

3/8" Impact Wrench

- Ergonomic design, compact, and lightweight for easy operation.
- Easy to use in tight place.

Twin Hammer



Maximum Torque : **200Nm**

Regulator Dial

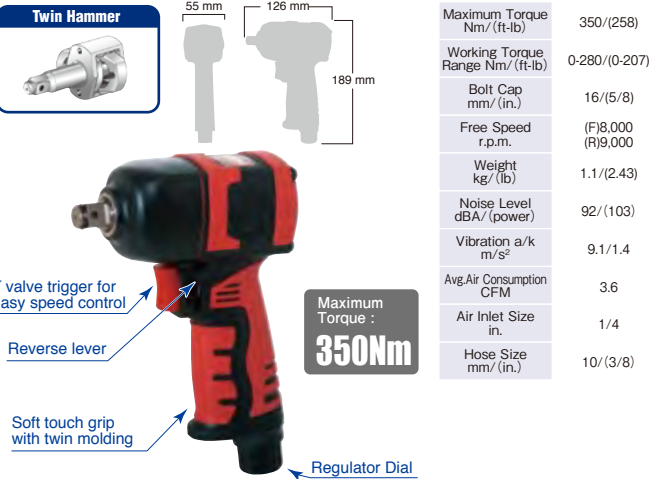
SI-1357	
Maximum Torque Nm/(ft-lb)	200/(147)
Working Torque Range Nm/(ft-lb)	0-160/(0-118)
Bolt Cap mm/(in.)	10/(3/8)
Free Speed r.p.m.	(F)8,000 (R)9,000
Weight kg/(lb)	1.10/(2.43)
Noise Level dBA/(power)	92/(103)
Vibration a/k m/s ²	7.6/1.2
Avg.Air Consumption CFM	3.6
Air Inlet Size in.	1/4
Hose Size mm/(in.)	10/(3/8)

SI-1457

1/2" Impact Wrench

- Ergonomic design, compact, and lightweight for easy operation.
- Easy to use in tight place.

Twin Hammer



Maximum Torque : **350Nm**

Regulator Dial

SI-1457	
Maximum Torque Nm/(ft-lb)	350/(258)
Working Torque Range Nm/(ft-lb)	0-280/(0-207)
Bolt Cap mm/(in.)	16/(5/8)
Free Speed r.p.m.	(F)8,000 (R)9,000
Weight kg/(lb)	1.1/(2.43)
Noise Level dBA/(power)	92/(103)
Vibration a/k m/s ²	9.1/1.4
Avg.Air Consumption CFM	3.6
Air Inlet Size in.	1/4
Hose Size mm/(in.)	10/(3/8)

SI-1490A

1/2" Impact Wrench

SI-1490ASR

1/2" Impact Wrench

- Rubber grip absorbs the vibration remarkably well and also protects your hand from the cold.
- Light weight body design and easy to operate feather touch trigger.
- Handle grip exhaust directs air away from operator and workplace.
- 4 positions regulator dial for easy adjustment and it has an forward, reverse lever for easy adjustment.

Twin Hammer



Maximum Torque : **850Nm**

Regulator Dial

SI-1490A	SI-1490ASR
Maximum Torque Nm/(ft-lb)	850/(627)
Working Torque Range Nm/(ft-lb)	0-620/(0-457)
Bolt Cap mm/(in.)	20/(3/4)
Free Speed r.p.m.	(F)8,000 (R)8,500
Weight kg/(lb)	1.9/(4.19)
Noise Level dBA/(power)	94/(105)
Vibration a/k m/s ²	11.4/1.6
Avg.Air Consumption CFM	5.1
Air Inlet Size in.	1/4
Hose Size mm/(in.)	10/(3/8)

SI-1492A

1/2" Impact Wrench

SI-1492ASR

1/2" Impact Wrench

- The same quality features of SI-1490A & SI-1490ASR with 2" extended anvil

Twin Hammer



Maximum Torque : **830Nm**

Regulator Dial

SI-1492A	SI-1492ASR
Maximum Torque Nm/(ft-lb)	830/(612)
Working Torque Range Nm/(ft-lb)	0-600/(0-443)
Bolt Cap mm/(in.)	20/(3/4)
Free Speed r.p.m.	(F)8,000 (R)8,500
Weight kg/(lb)	1.94/(4.28)
Noise Level dBA/(power)	94/(105)
Vibration a/k m/s ²	13.9/1.8
Avg.Air Consumption CFM	5.1
Air Inlet Size in.	1/4
Hose Size mm/(in.)	10/(3/8)

SI-1605

3/8" Impact Wrench

SI-1605SR

3/8" Impact Wrench

- Rubber grip absorbs the vibration remarkably well and also protects your hand from the cold.
- Ergonomic design, compact, and lightweight for easy operation.
- Muffler reduces noise level.
- Full power in reverse helps to unfasten bolts quickly for changing wheels. (SI-1605SR)

Twin Hammer



Maximum Torque : **350Nm**

Regulator Dial

SI-1605	SI-1605SR
Maximum Torque Nm/(ft-lb)	350/(258)
Working Torque Range Nm/(ft-lb)	0-280/(0-207)
Bolt Cap mm/(in.)	16/(5/8)
Free Speed r.p.m.	(F)8,000 (R)8,500
Weight kg/(lb)	1.03/(2.27)
Noise Level dBA/(power)	94/(105)
Vibration a/k m/s ²	11.8/1.6
Avg.Air Consumption CFM	3.8
Air Inlet Size in.	1/4
Hose Size mm/(in.)	10/(3/8)

SI-1610

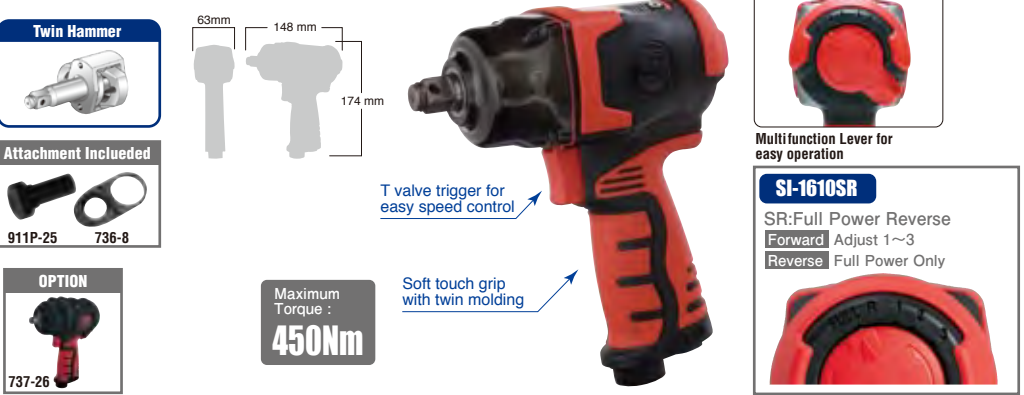
1/2" Impact Wrench

SI-1610SR

1/2" Impact Wrench

- Rubber grip absorbs the vibration remarkably well and also protects your hand from the cold.
- Ergonomic design, compact, and lightweight for easy operation.
- Muffler reduces noise level.
- Full power in reverse helps to unfasten bolts quickly for changing wheels. (SI-1610SR)

Twin Hammer



Maximum Torque : **450Nm**

Regulator Dial

SI-1610	SI-1610SR
Maximum Torque Nm/(ft-lb)	450/(332)
Working Torque Range Nm/(ft-lb)	0-320/(0-258)
Bolt Cap mm/(in.)	18/(11/16)
Free Speed r.p.m.	(F)8,000 (R)8,500
Weight kg/(lb)	1.04/(2.29)
Noise Level dBA/(power)	93/(104)
Vibration a/k m/s ²	7.7/1.2
Avg.Air Consumption CFM	3.8
Air Inlet Size in.	1/4
Hose Size mm/(in.)	10/(3/8)

SI-1550

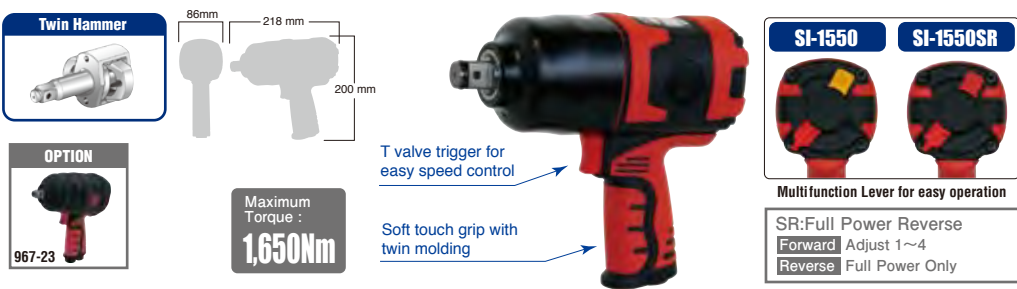
3/4" Impact Wrench

SI-1550SR

3/4" Impact Wrench

- Rubber grip absorbs the vibration remarkably well and also protects your hand from the cold.
- Easy to operate feather touch trigger.
- Handle grip exhaust directs air away from operator and work place.
- 4 positions regulator dial for easy adjustment and it has an forward, reverse for easy adjustment.

Twin Hammer



Maximum Torque : **1,650Nm**

Regulator Dial

SI-1550	SI-1550SR
Maximum Torque Nm/(ft-lb)	1,650/(1,217)
Working Torque Range Nm/(ft-lb)	0-1,320/(0-974)
Bolt Cap mm/(in.)	24/(15/16)
Free Speed r.p.m.	(F)6,000 (R)6,500
Weight kg/(lb)	3.25/(7.7)
Noise Level dBA/(power)	92/(103)
Vibration a/k m/s ²	11.2/1.6
Avg.Air Consumption CFM	8.0
Air Inlet Size in.	3/8
Hose Size mm/(in.)	13/(1/2)

SI-1556

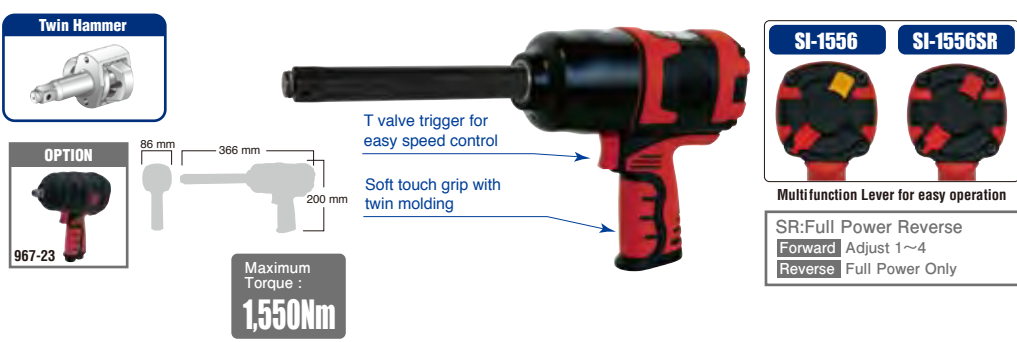
3/4" Impact Wrench

SI-1556SR

3/4" Impact Wrench

- Rubber grip absorbs the vibration remarkably well and also protects your hand from the cold.
- Easy to operate feather touch trigger.
- Handle grip exhaust directs air away from operator and work place.
- 4 positions regulator dial for easy adjustment and it has an forward, reverse for easy adjustment.

Twin Hammer



Maximum Torque : **1,550Nm**

Regulator Dial

SI-1556	SI-1556SR
Maximum Torque Nm/(ft-lb)	1,550/(1,143)
Working Torque Range Nm/(ft-lb)	0-1,240/(0-915)
Bolt Cap mm/(in.)	24/(15/16)
Free Speed r.p.m.	(F)6,000 (R)6,500
Weight kg/(lb)	3.95/(8.71)
Noise Level dBA/(power)	93/(104)
Vibration a/k m/s ²	11.1/1.5
Avg.Air Consumption CFM	8.0
Air Inlet Size in.	3/8
Hose Size mm/(in.)	13/(1/2)

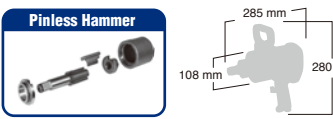
IMPACT WRENCHES

1" Impact Wrenches

SI-1860

1" Impact Wrench

- Pistol grip impact wrench with 1"sq. anvil
- 3-piece construction engineered for easy maintenance.
- The pinless Hammer Clutch delivers High Durability.



Pinless Hammer



Dead Handle

Regulator & Reverse lever

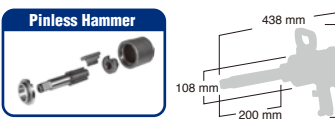
Maximum Torque : **2,500Nm**

Maximum Torque Nm/(ft-lb)	2,500/(1,840)
Working Torque Range Nm/(ft-lb)	1,000-2,200/(740-1,620)
Bolt Cap mm/(in.)	41/(1-10/16)
Free Speed r.p.m.	4,700
Weight kg/(lb)	10.9/(24.0)
Noise Level dBA/(power)	94/(105)
Vibration a/k m/s²	8.8/1.3
Avg.Air Consumption CFM	13.8
Air Inlet Size in.	1/2
Hose Size mm/(in.)	13/(1/2)

SI-1866

1" Impact Wrench

- The same quality features of SI-1860 with 6" extended anvil
- Reach into deep truck wheels easily.



Pinless Hammer



Dead Handle

Regulator & Reverse lever

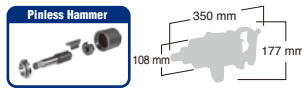
Maximum Torque : **2,400Nm**

Maximum Torque Nm/(ft-lb)	2,400/(1,770)
Working Torque Range Nm/(ft-lb)	900-2,100/(670-1,550)
Bolt Cap mm/(in.)	41/(1-10/16)
Free Speed r.p.m.	4,700
Weight kg/(lb)	12.4/(27.3)
Noise Level dBA/(power)	95/(106)
Vibration a/k m/s²	8.3/1.3
Avg.Air Consumption CFM	13.8
Air Inlet Size in.	1/2
Hose Size mm/(in.)	13/(1/2)

SI-1870

1" Impact Wrench

- Straight body impact wrench with 1" sq. anvil and D handle
- 3-piece construction engineered for easy maintenance.
- The pinless Hammer Clutch delivers High Durability.



Pinless Hammer



Dead Handle

Regulator & Reverse Dial

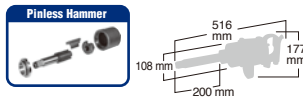
Maximum Torque : **2,400Nm**

Maximum Torque Nm/(ft-lb)	2,400/(1,770)	Noise Level dBA/(power)	94/(105)
Working Torque Range Nm/(ft-lb)	880-2,100/(650-1,550)	Vibration a/k m/s²	9.3/1.4
Bolt Cap mm/(in.)	41/(1-10/16)	Avg.Air Consumption CFM	11.5
Free Speed r.p.m.	4,400	Air Inlet Size in.	1/2
Weight kg/(lb)	10.6/(23.4)	Hose Size mm/(in.)	13/(1/2)

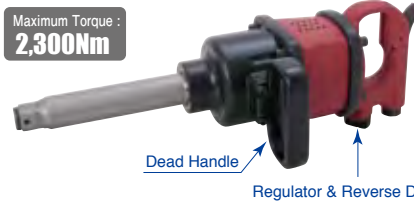
SI-1876

1" Impact Wrench

- The same quality features of SI-1870 with 6" extended anvil.
- Reach into deep truck wheels easily.



Pinless Hammer



Dead Handle

Regulator & Reverse Dial

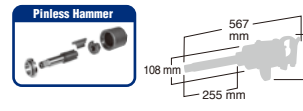
Maximum Torque : **2,300Nm**

Maximum Torque Nm/(ft-lb)	2,300/(1,700)	Noise Level dBA/(power)	94/(105)
Working Torque Range Nm/(ft-lb)	830-2,000/(610-1,470)	Vibration a/k m/s²	12.1/1.7
Bolt Cap mm/(in.)	40/(1-9/16)	Avg.Air Consumption CFM	11.5
Free Speed r.p.m.	4,400	Air Inlet Size in.	1/2
Weight kg/(lb)	12.1/(26.7)	Hose Size mm/(in.)	13/(1/2)

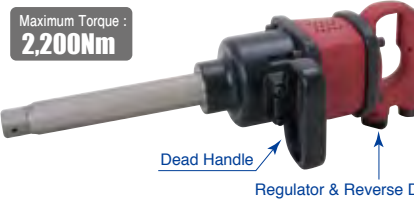
SI-1878

1" Impact Wrench

- The same quality features of SI-1870 with 8" extended anvil.
- Reach into deep truck wheels easily.



Pinless Hammer



Dead Handle

Regulator & Reverse Dial

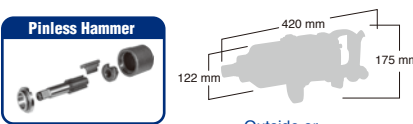
Maximum Torque : **2,200Nm**

Maximum Torque Nm/(ft-lb)	2,200/(1,630)	Noise Level dBA/(power)	94/(105)
Working Torque Range Nm/(ft-lb)	800-1,900/(590-1,400)	Vibration a/k m/s²	11.1/1.5
Bolt Cap mm/(in.)	40/(1-9/16)	Avg.Air Consumption CFM	11.5
Free Speed r.p.m.	4,400	Air Inlet Size in.	1/2
Weight kg/(lb)	12.3/(27.1)	Hose Size mm/(in.)	13/(1/2)

SI-1880

1" Impact Wrench

- Straight body high power 1" impact wrench
- 3-piece construction engineered for easy maintenance.
- The pinless Hammer Clutch delivers High Durability.



Pinless Hammer



Dead Handle

Regulator & Reverse Dial

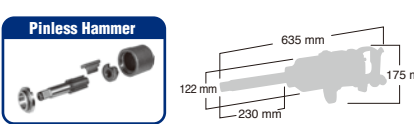
Maximum Torque : **3,300Nm**

Maximum Torque Nm/(ft-lb)	3,300/(2,430)
Working Torque Range Nm/(ft-lb)	900-2,800 (660-2,060)
Bolt Cap mm/(in.)	50 (1-15/16)
Free Speed r.p.m.	3,000
Weight kg/(lb)	15.4/(33.8)
Noise Level dBA/(power)	92/(103)
Vibration a/k m/s²	8.3/1.3
Avg.Air Consumption CFM	10.7
Air Inlet Size in.	1/2
Hose Size mm/(in.)	13/(1/2)

SI-1888

1" Impact Wrench

- The same quality features of SI-1880 with 8" extended anvil.
- 3-piece construction engineered for easy maintenance.
- The pinless Hammer Clutch delivers High Durability.
- Reach into deep truck wheels easily.



Pinless Hammer



Dead Handle

Regulator & Reverse Dial

Maximum Torque : **3,300Nm**

Maximum Torque Nm/(ft-lb)	3,200/(2,360)
Working Torque Range Nm/(ft-lb)	800-2,700/(590-1,990)
Bolt Cap mm/(in.)	50/(1-15/16)
Free Speed r.p.m.	3,000
Weight kg/(lb)	17.1/(37.7)
Noise Level dBA/(power)	92/(103)
Vibration a/k m/s²	9.8/1.4
Avg.Air Consumption CFM	10.7
Air Inlet Size in.	1/2
Hose Size mm/(in.)	13/(1/2)

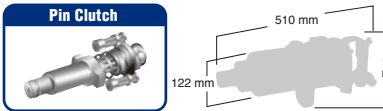
IMPACT WRENCHES

1-1/2" Impact Wrench

SI-1900

1-1/2" Impact Wrench

- Straight body impact wrench with 1-1/2" sq. anvil and D handle
- 3-piece construction engineered for easy maintenance.



Pin Clutch



Dead Handle

Regulator & Reverse Dial

Maximum Torque : **5,500Nm**

Maximum Torque Nm/(ft-lb)	5,500/(4,060)
Working Torque Range Nm/(ft-lb)	1,500-4,200/(1,110-3,100)
Bolt Cap mm/(in.)	55/(2-3/16)
Free Speed r.p.m.	3,600
Weight kg/(lb)	18.0/(39.7)
Noise Level dBA/(power)	107/(116)
Vibration m/s²	9.3
Avg.Air Consumption CFM	13.3
Air Inlet Size in.	1/2
Hose Size mm/(in.)	13/(1/2)

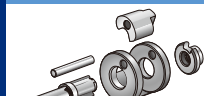
IMPACT WRENCH ACCESSORIES

	103-1	215RA-13	458-58	736-8	736DH-10	911A-15	911P-11	911P-25	737-26	913-21	967-23
	Muffler	Muffler Filter inside (quieter than 911P-25)	Housing Cover	Muffler Retainer	Retainer	Muffler Retainer	Retainer	Muffler	Housing Cover	Housing Cover	Housing Cover
SI-1365			★								
SI-1650AH	★			★	☆						
SI-1605/SI-1605SR		☆		★	☆			★	☆		
SI-1610/SI-1610SR		☆		★	☆			★	☆		
SI-1490A/SI-1490ASR		☆				★	☆	★		☆	
SI-1492A/SI-1492ASR		☆				★	☆	★		☆	
SI-1550/SI-1550SR											☆
SI-1556/SI-1556SR											☆

★ : Standard ☆ : Option

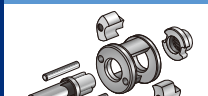
EXPLANATION OF CLUTCH

Single Hammer



One hammer makes one impact per rotation. This means greater hitting power, long life and easy maintenance.

Double Hammer



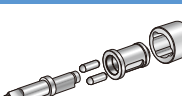
Two hammers make two impacts per rotation. Two hammers of the same form as a single hammer are held. There is little vibration and high torque is obtained than single hammer.

Twin Hammer



Two hammers make one impact per rotation. This design is the most durable of hammer designs and lighter, less vibration, producing a powerful impact.

Roller Clutch



One hammer makes one impact per rotation. It has the characteristic of a single hammer that produce a high torque per one impact and has the characteristics of the double hammer of the numerousness impacts per minute.

Pin Clutch



One hammer makes one impact per rotation. Rotating mechanism in which the round hammer pins move up and down, engaging the anvil and producing a powerful impact. It produces higher torque with minimum vibration.

Pinless Hammer



The impact power is directly carried to anvil by unifying the hammer and the hammer pin. High power, less vibration and easy to parts exchange and repair.



SI-1170

DRIVERS

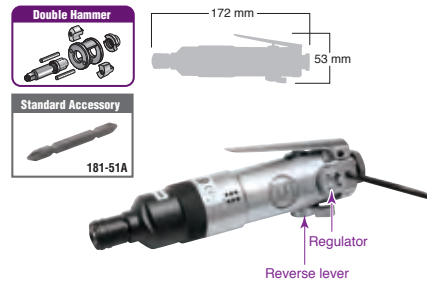
IMPACT DRIVERS SCREW DRIVERS



DRIVERS Impact Drivers

SI-1052 Impact Driver

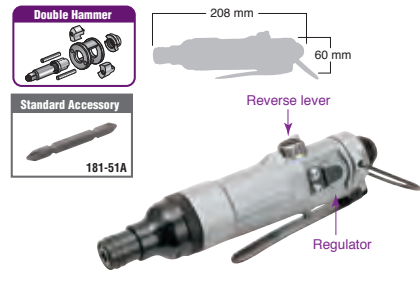
- 6mm capacity straight grip impact driver
- Have regulator built-in
- Compact body design for reduce weight and easy operation



Shank Size in./mm	1/4/(6.35)	Weight kg/ (lb)	0.56/(1.23)
Max Torque Nm/(ft-lb)	70/(51.6)	Noise Level dBA/ (power)	90/(101)
Working Torque Nm/ (ft-lb)	0-60/(0-44)	Vibration a/k m/s ²	9.3/1.4
Bolt Cap mm/ (in.)	5/(3/16)	Avg.Air Consumption CFM	2.3
Free Speed r.p.m.	13,000	Air Inlet Size in.	1/4

SI-1060 Impact Driver

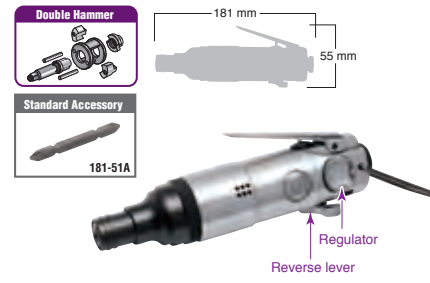
- 6mm capacity straight grip impact driver
- Compact, lightweight, ergonomic design for easy operation
- General use



Shank Size in./mm	1/4/(6.35)	Weight kg/ (lb)	0.87/(1.92)
Max Torque Nm/(ft-lb)	65/(47.9)	Noise Level dBA/ (power)	89/(100)
Working Torque Nm/ (ft-lb)	0-50/(0-37)	Vibration a/k m/s ²	10.8/2.8
Bolt Cap mm/ (in.)	6/(1/4)	Avg.Air Consumption CFM	2.9
Free Speed r.p.m.	11,000	Air Inlet Size in.	1/4

SI-1062 Impact Driver

- More powerful than SI-1052
- Built-in regulator
- Compact body design for reduce weight and easy operation



Shank Size in./mm	1/4/(6.35)	Weight kg/ (lb)	0.79/(1.74)
Max Torque Nm/(ft-lb)	95/(70.1)	Noise Level dBA/ (power)	87/(98)
Working Torque Nm/ (ft-lb)	0-70/(0-52)	Vibration a/k m/s ²	9.8/1.4
Bolt Cap mm/ (in.)	6/(1/4)	Avg.Air Consumption CFM	2.8
Free Speed r.p.m.	11,000	Air Inlet Size in.	1/4

SI-1065 Impact Driver

- 6mm capacity pistol grip impact driver
- General use
- Ergonomic pistol grip for easy operation



Shank Size in./mm	1/4/(6.35)
Max Torque Nm/(ft-lb)	65/(47.9)
Working Torque Nm/ (ft-lb)	0-45/(0-33)
Bolt Cap mm/ (in.)	6/(1/4)
Free Speed r.p.m.	11,000
Weight kg/ (lb)	0.98/(2.16)
Noise Level dBA/ (power)	88/(99)
Vibration a/k m/s ²	6.9/2.0
Avg.Air Consumption CFM	3.4
Air Inlet Size in.	1/4

SI-1070 Impact Driver

- 6mm capacity pistol grip impact driver
- General use
- Compact, lightweight and a "feather touch" trigger for easy operation.



Shank Size in./mm	1/4/(6.35)
Max Torque Nm/(ft-lb)	35/(25.8)
Working Torque Nm/ (ft-lb)	0-30/(0-22)
Bolt Cap mm/ (in.)	6/(1/4)
Free Speed r.p.m.	11,000
Weight kg/ (lb)	0.65/(1.43)
Noise Level dBA/ (power)	83/(94)
Vibration a/k m/s ²	6.4/2.1
Avg.Air Consumption CFM	2.1
Air Inlet Size in.	1/4

SI-1356D Impact Driver

- 8mm capacity pistol grip impact driver
- Double hammer mechanism



Shank Size in./mm	1/4/(6.35)
Max Torque Nm/(ft-lb)	55/(40.6)
Working Torque Nm/ (ft-lb)	0-45/(0-33)
Bolt Cap mm/ (in.)	8/(5/16)
Free Speed r.p.m.	9,000
Weight kg/ (lb)	1.22/(2.69)
Noise Level dBA/ (power)	87/(98)
Vibration a/k m/s ²	6.6/1.1
Avg.Air Consumption CFM	2.7
Air Inlet Size in.	1/4

SI-1365D Impact Driver

- 8mm capacity pistol grip impact driver
- Industrial use



Shank Size in./mm	1/4/(6.35)
Max Torque Nm/(ft-lb)	70/(51.6)
Working Torque Nm/ (ft-lb)	0-60/(0-44)
Bolt Cap mm/ (in.)	8/(5/16)
Free Speed r.p.m.	8,000
Weight kg/ (lb)	1.32/(2.92)
Noise Level dBA/ (power)	84/(95)
Vibration a/k m/s ²	7.6/2.6
Avg.Air Consumption CFM	3.3
Air Inlet Size in.	1/4

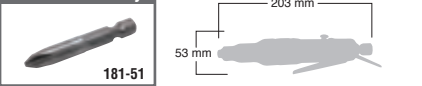
IMPACT
WRENCHES
DRIVERS
RATCHET
WRENCHES
SANDERS
POLISHERS
GRINDERS
SPOTMILLS
CUTTING TOOLS
OTHERS
INDUSTRIAL
TOOLS
SOUND &
VIBRATION
MAINTENANCE
CHECK
QUALITY

SI-1140

Screw Driver

- 4mm capacity straight grip screw driver
- Clutch mechanism for easy adjustment of maximum torque

Standard Accessory



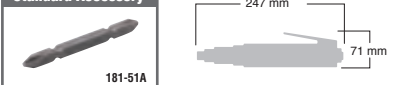
Shank Size in./ (mm)	1/4/(6.35)
Max Torque Nm/(ft-lb)	1.5/(1.1)
Working Torque Nm/ (ft-lb)	0.3-1.5/(0.2-1.1)
Bolt Cap mm/ (in.)	4/(5/32)
Free Speed r.p.m.	1,700
Weight kg/ (lb)	0.62/(1.36)
Noise Level dBA/ (power)	80/(91)
Vibration a/k m/s ²	0.2/0.5
Avg.Air Consumption CFM	1.9
Air Inlet Size in.	1/4

SI-1161

Screw Driver

- 6mm capacity straight grip screw driver
- Adjustable clutch
- Compact, lightweight, and ergonomic design for easy operation

Standard Accessory



Shank Size in./ (mm)	1/4/(6.35)
Max Torque Nm/(ft-lb)	5.0/(3.7)
Working Torque Nm/ (ft-lb)	1.5-5.0/(1.1-3.7)
Bolt Cap mm/ (in.)	6/(1/4)
Free Speed r.p.m.	1,600
Weight kg/ (lb)	1.12/(2.46)
Noise Level dBA/ (power)	85/(96)
Vibration a/k m/s ²	0.3/0.5
Avg.Air Consumption CFM	2.8
Air Inlet Size in.	1/4

SI-1166A

Screw Driver

- 6mm capacity pistol grip screw driver Adjustable clutch
- Ergonomic pistol grip for easy operation

Standard Accessory



Shank Size in./ (mm)	1/4/(6.35)	Weight kg/ (lb)	1.18/(2.60)
Max Torque Nm/(ft-lb)	5.0/(3.7)	Noise Level dBA/ (power)	88/(99)
Working Torque Nm/ (ft-lb)	1.5-5.0/(1.1-3.7)	Vibration a/k m/s ²	0.4/0.5
Bolt Cap mm/ (in.)	6/(1/4)	Avg.Air Consumption CFM	3.5
Free Speed r.p.m.	2,000	Air Inlet Size in.	1/4

SI-1166-8A

Screw Driver

- 8mm capacity pistol grip screw driver Adjustable clutch
- Ergonomic pistol grip for easy operation

Standard Accessory



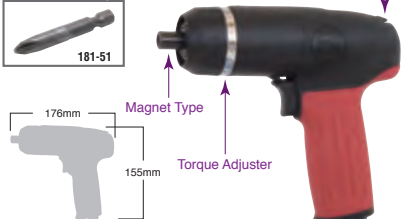
Shank Size in./ (mm)	1/4/(6.35)	Weight kg/ (lb)	1.35/(2.97)
Max Torque Nm/(ft-lb)	9.0/(6.6)	Noise Level dBA/ (power)	91/(102)
Working Torque Nm/ (ft-lb)	1.5-9.0/(1.1-6.6)	Vibration a/k m/s ²	1.0/0.6
Bolt Cap mm/ (in.)	8/(5/16)	Avg.Air Consumption CFM	3.3
Free Speed r.p.m.	800	Air Inlet Size in.	1/4

SI-1170

Screw Driver

- An adjustment ring with easy torque adjustment
- The full composite tool of an original design
- An oscillation is eased by a soft grip

Standard Accessory



Shank Size in./ (mm)	1/4/(6.35)	Weight kg/ (lb)	0.85/(1.87)
Max Torque Nm/(ft-lb)	20/(14.8)	Noise Level dBA/ (power)	85/(96)
Working Torque Nm/ (ft-lb)	4-11/(2.9-8.1)	Vibration a/k m/s ²	0.8/0.5
Bolt Cap mm/ (in.)	8/(5/16)	Avg.Air Consumption CFM	2.3
Free Speed r.p.m.	700	Air Inlet Size in.	1/4

DRIVERS
ACCESSORIES

181-45



Regulator

458-58



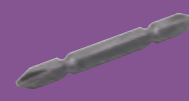
Housing Cover

181-51



+Bit

181-51A



+Bit

SI-1052

SI-1060

SI-1062

SI-1065

SI-1070

SI-1356D

SI-1365D

SI-1140

SI-1161

SI-1166A

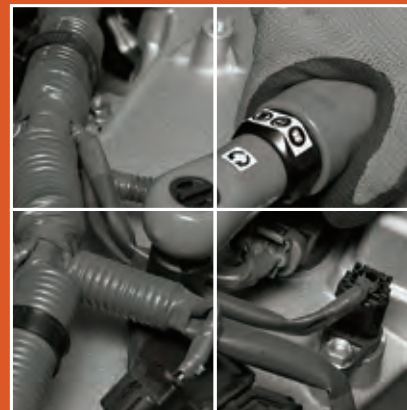
SI-1166-8A

SI-1170



★ : Standard ☆ : Option

RATCHET WRENCHES



1/4" RATCHET WRENCHES
3/8" RATCHET WRENCHES
1/2" RATCHET WRENCHES
HEX 17mm THROUGH RATCHET WRENCH

SI-1208

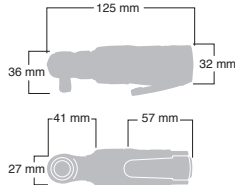
RATCHET WRENCHES

1/4" Ratchet Wrenches • 3/8" Ratchet Wrenches

SI-1107B

1/4" Ratchet Wrench

- Super small ratchet wrench with 1/4"sq. anvil
- Smaller than SI-1200B & SI-1205B

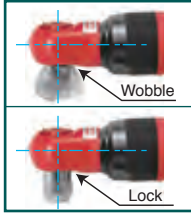
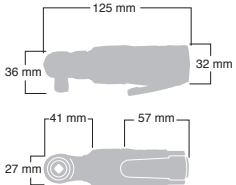


Shank Size in./ (mm)	1/4 / (6.35)
Maximum Torque Nm/ (ft-lb)	30/(22)
Working Torque Range Nm/ (ft-lb)	0-25/(0-18)
Bolt Cap mm/ (in.)	6.35/(1/4)
Free Speed r.p.m.	300
Weight kg/ (lb)	0.39/(0.86)
Noise Level dBA/ (power)	77/(88)
Vibration a/k m/s ²	6.1/1.1
Avg.Air Consumption CFM	1.8
Air Inlet Size in.	1/8

SI-1108B

3/8" Ratchet Wrench

- Super small ratchet wrench with 3/8"sq. anvil
- Smaller than SI-1200B & SI-1205B

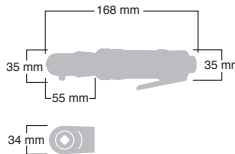


Shank Size in./ (mm)	3/8 / (9.5)
Maximum Torque Nm/ (ft-lb)	30/(22)
Working Torque Range Nm/ (ft-lb)	0-25/(0-18)
Bolt Cap mm/ (in.)	10/(3/8)
Free Speed r.p.m.	300
Weight kg/ (lb)	0.40/(0.88)
Noise Level dBA/ (power)	77/(88)
Vibration a/k m/s ²	6.4/1.1
Avg.Air Consumption CFM	1.8
Air Inlet Size in.	1/8

SI-1200B

1/4" Ratchet Wrench

- Light and small ratchet wrench with 1/4"sq. anvil
- This model is the "Mini Ratchet Wrench" standard in the air tools industry

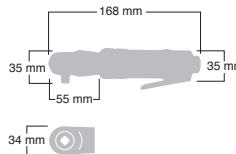


Shank Size in./ (mm)	1/4 / (6.35)
Maximum Torque Nm/ (ft-lb)	35/(26)
Working Torque Range Nm/ (ft-lb)	0-30/(0-22)
Bolt Cap mm/ (in.)	6.35/(1/4)
Free Speed r.p.m.	200
Weight kg/ (lb)	0.51/(1.11)
Noise Level dBA/ (power)	82/(93)
Vibration a/k m/s ²	3.6/0.8
Avg.Air Consumption CFM	1.6
Air Inlet Size in.	1/4

SI-1205B

3/8" Ratchet Wrench

- Light and small ratchet wrench with 3/8"sq. anvil
- This model is the "Mini Ratchet Wrench" standard in the air tools industry



Shank Size in./ (mm)	3/8 / (9.5)
Maximum Torque Nm/ (ft-lb)	40/(30)
Working Torque Range Nm/ (ft-lb)	0-30/(0-22)
Bolt Cap mm/ (in.)	10/(3/8)
Free Speed r.p.m.	220
Weight kg/ (lb)	0.51/(1.12)
Noise Level dBA/ (power)	82/(93)
Vibration a/k m/s ²	5.7/1.0
Avg.Air Consumption CFM	1.6
Air Inlet Size in.	1/4

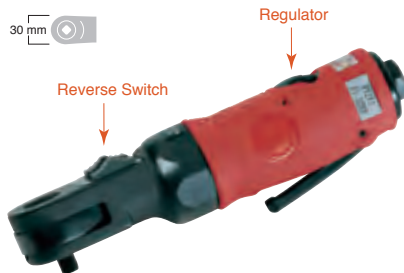
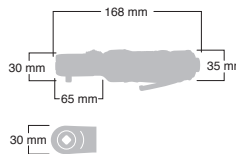
RATCHET WRENCHES

1/2" Ratchet Wrenches • 1/4" Ratchet Wrench • 3/8" Ratchet Wrenches

SI-1251

1/4" Ratchet Wrench

- Japan and foreign patent(s) pending as the "Slide Switch" for the reverse function
- Plastic covered small size body
- 1/4"sq. anvil

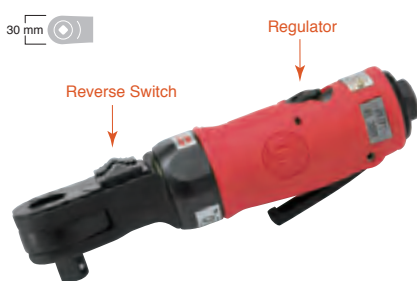
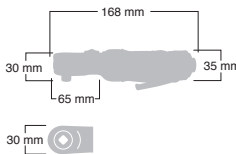


Shank Size in./ (mm)	1/4 / (6.35)
Maximum Torque Nm/ (ft-lb)	45/(33)
Working Torque Range Nm/ (ft-lb)	0-33/(0-24)
Bolt Cap mm/ (in.)	6.35/(1/4)
Free Speed r.p.m.	200
Weight kg/ (lb)	0.56/(1.24)
Noise Level dBA/ (power)	75/(86)
Vibration a/k m/s ²	4.0/0.8
Avg.Air Consumption CFM	2.4
Air Inlet Size in.	1/4

SI-1252

3/8" Ratchet Wrench

- Japan and foreign patent(s) pending as the "Slide Switch" for the reverse function
- Plastic covered small size body
- 3/8"sq. anvil

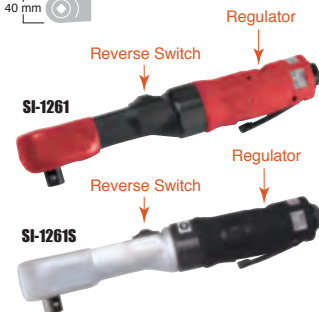


Shank Size in./ (mm)	3/8 / (9.5)
Maximum Torque Nm/ (ft-lb)	47/(35)
Working Torque Range Nm/ (ft-lb)	0-35/(0-26)
Bolt Cap mm/ (in.)	10/(3/8)
Free Speed r.p.m.	200
Weight kg/ (lb)	0.56/(1.24)
Noise Level dBA/ (power)	75/(86)
Vibration a/k m/s ²	3.9/0.8
Avg.Air Consumption CFM	2.4
Air Inlet Size in.	1/4

SI-1261/1261S

3/8" Ratchet Wrench

- Japan and foreign patent(s) pending as the "Slide Switch" for the reverse function
- Plastic covered regular size body
- The lightest 960g in this class
- Lightweight and high strength super duralumin is used for housing

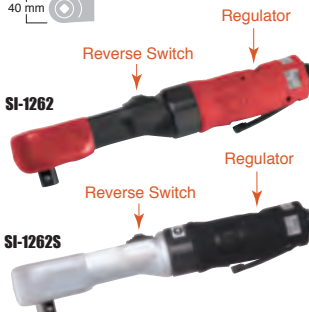
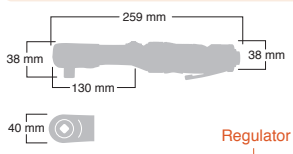


	SI-1261	SI-1261S
Shank Size in./ (mm)	3/8 / (9.5)	3/8 / (9.5)
Maximum Torque Nm/ (ft-lb)	110/(81)	110/(81)
Working Torque Range Nm/ (ft-lb)	0-65/(0-48)	0-65/(0-48)
Bolt Cap mm/ (in.)	10/(3/8)	10/(3/8)
Free Speed r.p.m.	170	170
Weight kg/ (lb)	1.20/(2.65)	0.96/(2.12)
Noise Level dBA/ (power)	84/(95)	84/(95)
Vibration a/k m/s ²	5.1/1.0	5.1/1.0
Avg.Air Consumption CFM	3.0	3.0
Air Inlet Size in.	1/4	1/4

SI-1262/1262S

1/2" Ratchet Wrench

- Japan and foreign patent(s) pending as the "Slide Switch" for the reverse function
- Plastic covered regular size body
- The lightest 970g in this class we have ever had
- Lightweight and high strength super duralumin is used for housing

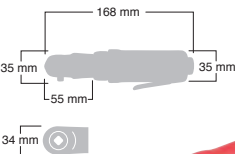


	SI-1262	SI-1262S
Shank Size in./ (mm)	1/2 / (12.7)	1/2 / (12.7)
Maximum Torque Nm/ (ft-lb)	115/(85)	115/(85)
Working Torque Range Nm/ (ft-lb)	0-70/(0-52)	0-70/(0-52)
Bolt Cap mm/ (in.)	14/(9/16)	14/(9/16)
Free Speed r.p.m.	170	170
Weight kg/ (lb)	1.21/(2.67)	0.97/(2.14)
Noise Level dBA/ (power)	84/(95)	84/(95)
Vibration a/k m/s ²	5.0/1.0	5.0/1.0
Avg.Air Consumption CFM	3.0	3.0
Air Inlet Size in.	1/4	1/4

SI-1207

1/4" Ratchet Wrench

- Same body size as SI-1200B but with a plastic body cover that protects your hand from the cold
- 360° air inlet swivel

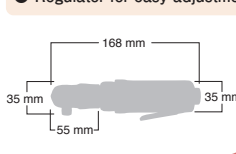


Shank Size in./ (mm)	1/4 / (6.35)
Maximum Torque Nm/ (ft-lb)	38/(28)
Working Torque Range Nm/ (ft-lb)	0-30/(0-22)
Bolt Cap mm/ (in.)	6.35/(1/4)
Free Speed r.p.m.	200
Weight kg/ (lb)	0.54/(1.18)
Noise Level dBA/ (power)	84/(95)
Vibration a/k m/s ²	4.0/0.9
Avg.Air Consumption CFM	1.6
Air Inlet Size in.	1/4

SI-1208

3/8" Ratchet Wrench

- Same body size as SI-1205B but with a plastic body cover that protects your hand from the cold
- Also helps to absorb vibrations for reduced operator fatigue Built-in air
- Regulator for easy adjustment of torque

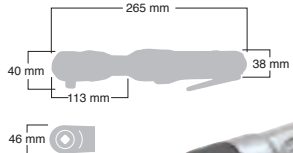


Shank Size in./ (mm)	3/8 / (9.5)
Maximum Torque Nm/ (ft-lb)	40/(30)
Working Torque Range Nm/ (ft-lb)	0-30/(0-22)
Bolt Cap mm/ (in.)	10/(3/8)
Free Speed r.p.m.	200
Weight kg/ (lb)	0.54/(1.20)
Noise Level dBA/ (power)	88/(99)
Vibration a/k m/s ²	4.5/0.9
Avg.Air Consumption CFM	2.2
Air Inlet Size in.	1/4

SI-1320A

3/8" Ratchet Wrench

- Standard ratchet wrench with the front exhaust 3/8"sq. anvil
- Reasonable price

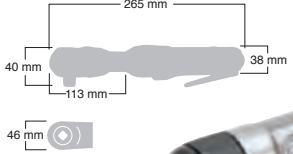


Shank Size in./ (mm)	3/8 / (9.5)
Maximum Torque Nm/ (ft-lb)	80/(59)
Working Torque Range Nm/ (ft-lb)	0-60/(0-44)
Bolt Cap mm/ (in.)	12/(1/2)
Free Speed r.p.m.	160
Weight kg/ (lb)	1.16/(2.57)
Noise Level dBA/ (power)	89/(100)
Vibration a/k m/s ²	6.3/1.1
Avg.Air Consumption CFM	2.7
Air Inlet Size in.	1/4

SI-1325A

1/2" Ratchet Wrench

- Standard ratchet wrench with the front exhaust
- 1/2"sq. anvil
- Best selling model in the world at a reasonable price



Shank Size in./ (mm)	1/2 / (12.7)
Maximum Torque Nm/ (ft-lb)	90/(66)
Working Torque Range Nm/ (ft-lb)	0-70/(0-52)
Bolt Cap mm/ (in.)	14/(9/16)
Free Speed r.p.m.	160
Weight kg/ (lb)	1.17/(2.58)
Noise Level dBA/ (power)	89/(100)
Vibration a/k m/s ²	6.3/1.1
Avg.Air Consumption CFM	2.5
Air Inlet Size in.	1/4

RATCHET WRENCHES

1/2" Ratchet Wrenches • 3/8" Ratchet Wrenches • HEX 17mm Through

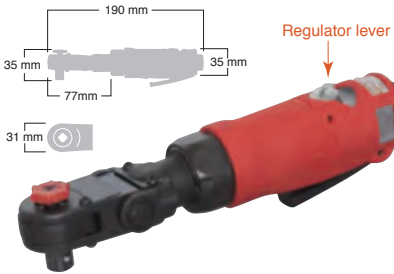


PNEUMATIC TOOLS
SHINANO INC.

SI-1241A

3/8" Ratchet Wrench

- Swivel head with 9 levels
- An activity is possible at the locations which cannot work in the usual spanner and/or ratchet wrenches.
- The socket lock mechanism does not drop a socket on a narrow place.
- Japan and Foreign patent(s) pending as the "Quick release function" for easily releasing sockets

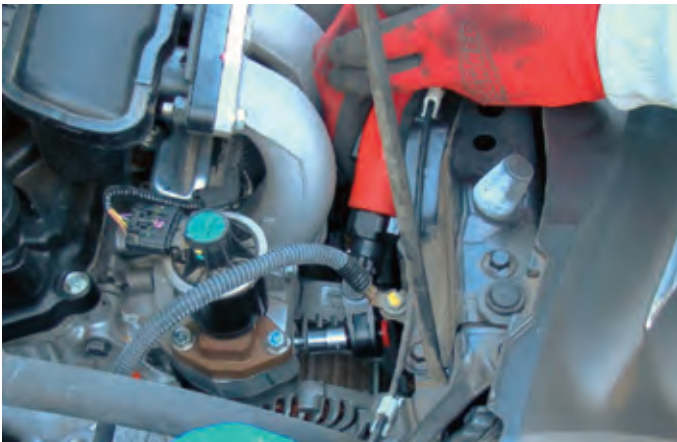


Regulator lever



Swivel head Quick release

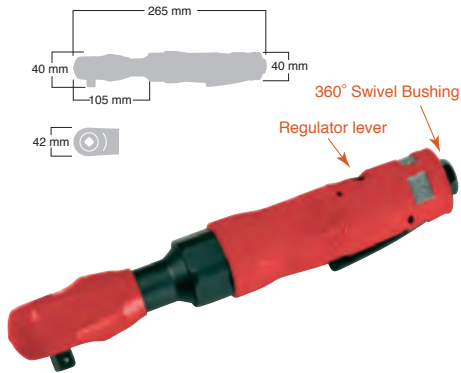
Shank Size in./ (mm)	3/8 / (9.5)
Maximum Torque Nm/ (ft-lb)	30/(22.1)
Working Torque Range Nm/ (ft-lb)	0-25/(0-18.4)
Bolt Cap mm/ (in.)	10/(3/8)
Free Speed r.p.m.	250
Weight kg/ (lb)	0.63/(1.38)
Noise Level dBA/ (power)	83/(94)
Vibration a/k m/s ²	11.3/1.6
Avg.Air Consumption CFM	1.9
Air Inlet Size in.	1/4



SI-1340B

3/8" Ratchet Wrench

- Premium quality ratchet wrench with a rear exhaust and plastic body cover
- Low noise levels and precise planetary gear mechanism assures the highest power transfer, durability and reducing vibration
- 360° air inlet swivel directs air away from operator and workplace



Regulator lever

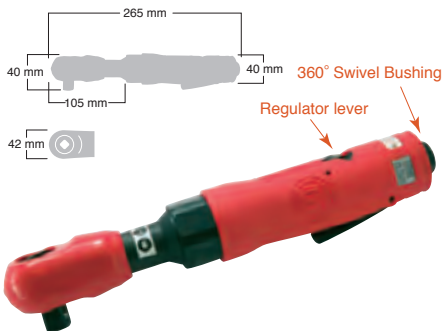
360° Swivel Bushing

Shank Size in./ (mm)	3/8 / (9.5)
Maximum Torque Nm/ (ft-lb)	110/(81)
Working Torque Range Nm/ (ft-lb)	0-85/(0-63)
Bolt Cap mm/ (in.)	12/(1/2)
Free Speed r.p.m.	160
Weight kg/ (lb)	1.14/(2.50)
Noise Level dBA/ (power)	82/(93)
Vibration a/k m/s ²	4.2/0.9
Avg.Air Consumption CFM	2.5
Air Inlet Size in.	1/4

SI-1345B

1/2" Ratchet Wrench

- Premium quality ratchet wrench with a rear exhaust and plastic body cover
- Low noise levels and precise planetary gear mechanism
- Swivel exhaust muffler directs air away from operator and workplace
- Built-in air regulator for easy adjustment of torque
- 360° air inlet swivel



Regulator lever

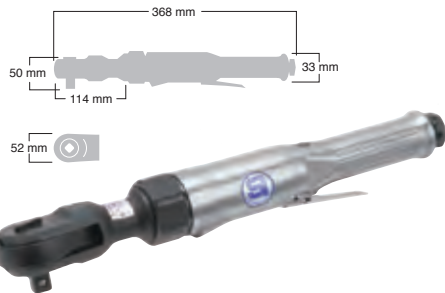
360° Swivel Bushing

Shank Size in./ (mm)	1/2 / (12.7)
Maximum Torque Nm/ (ft-lb)	115/(85)
Working Torque Range Nm/ (ft-lb)	0-90/(0-66)
Bolt Cap mm/ (in.)	14/(9/16)
Free Speed r.p.m.	160
Weight kg/ (lb)	1.15/(2.53)
Noise Level dBA/ (power)	82/(93)
Vibration a/k m/s ²	4.1/0.9
Avg.Air Consumption CFM	2.5
Air Inlet Size in.	1/4

SI-1435

1/2" Ratchet Wrench

- The largest ratchet wrench in the range with the highest torque
- 1/2" sq. anvil
- Good for running nuts on tractor blades

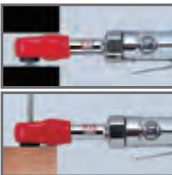
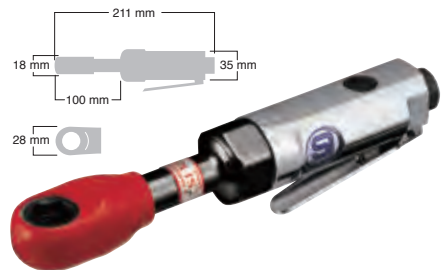


Shank Size in./ (mm)	1/2 / (12.7)
Maximum Torque Nm/ (ft-lb)	160/(118)
Working Torque Range Nm/ (ft-lb)	0-110/(0-81)
Bolt Cap mm/ (in.)	16/(5/8)
Free Speed r.p.m.	140
Weight kg/ (lb)	1.95/(4.31)
Noise Level dBA/ (power)	93/(104)
Vibration a/k m/s ²	5.4/1.0
Avg.Air Consumption CFM	4.7
Air Inlet Size in.	1/4

SI-1288

HEX 17mm Through

- Ratchet wrench with the unique inner sockets 8mm, 10mm, 11mm, 12mm, 13mm and 14mm of the sockets are available
- Specially designed for using in small space



Shank Size in./ (mm)	HEX 17mm
Maximum Torque Nm/ (ft-lb)	45/(33)
Working Torque Range Nm/ (ft-lb)	0-35/(0-26)
Bolt Cap mm/ (in.)	8-17/(5/16-11/16)
Free Speed r.p.m.	180
Weight kg/ (lb)	0.54/(1.20)
Noise Level dBA/ (power)	84/(95)
Vibration a/k m/s ²	6.8/1.1
Avg.Air Consumption CFM	1.9
Air Inlet Size in.	1/4



SI-3121-6

SANDERS



BELT SANDERS
CENTRAL VACUUM DUAL ACTION SANDERS
DUAL ACTION SANDERS
SELF VACUUM DUAL ACTION SANDERS
MINI DUAL ACTION SANDERS
SELF VACUUM GEARED DUAL ACTION SANDERS
MINI SELF VACUUM DUAL ACTION SANDERS
ORBITAL SANDERS
SELF VACUUM ORBITAL SANDERS
DISC SANDERS
MINI SANDER
HEAVY DUTY MINI SANDERS
OSCILLATION SANDER
WET SANDER
MINI ORBITAL FINISHING SANDER

SI-2740

New

Belt Sander

- 10mm sanding belt sander
- Super light & ergonomic design
- Rubber grip giving comfortable operation and reducing vibration

Standard Accessory

509-45Z/60

10mm Sanding belt #60x6

Standard Accessory

181-45

Belt Size mm

10 x 330

Free Speed r.p.m.

15,000

Out Put Watt

317

Weight kg/ (lb)

0.73/(1.61)

Noise Level dBA/ (power)

85/(96)

Vibration a/k m/s²

1.0/0.6

Avg.Air Consumption CFM

3.3

OPTION

509-45Z/40 10mm Sanding belt #40

509-45Z/80 10mm Sanding belt #80

509-45Z/100 10mm Sanding belt #100

509-45Z/120 10mm Sanding belt #120

140 mm

170 mm

Soft touch grip with twin molding

SI-2700

Belt Sander

- 10mm sanding belt sander
- Quick and easy belt change
- Adjustable arm angle

Standard Accessory

509-45Z/60

10mm Sanding belt #60x6

Belt Size mm

10x330

Free Speed r.p.m.

15,000

Out Put Watt

317

Weight kg/ (lb)

0.82/(1.82)

Noise Level dBA/ (power)

86/(99)

Vibration a/k m/s²

2.2/0.7

Avg.Air Consumption CFM

3.3

OPTION

509-45Z/40 10mm Sanding belt #40

509-45Z/80 10mm Sanding belt #80

509-45Z/100 10mm Sanding belt #100

509-45Z/120 10mm Sanding belt #120

140 mm

170 mm

SI-2700L

Belt Sander

SI-2700LS

Belt Sander

Head rotates 120 degrees for operating convenience.Variable speed throttle for positive control.

- Best for the light grinding, sanding and deburring. (SI-2700L)
- For nugget grinding of spot welding (SI-2700LS)

Standard Accessory

509-130 10mm Felt belt #60 x 1

509-131 10mm Felt belt #150 x 1

509-132 10mm Felt belt #320 x 1

2700LS

Standard Accessory

509LK-106

13mm Sanding belt #60 x 5

Belt Size mm

10x460

13x460

Free Speed r.p.m.

15,000

15,000

Out Put Watt

317

317

Weight kg/ (lb)

0.85/(1.87)

0.9/(1.98)

Noise Level dBA/ (power)

83/(94)

84/(95)

Vibration a/k m/s²

2.5/0.7

1.6/0.6

Avg.Air Consumption CFM

3.3

3.3

230 mm

170 mm

230 mm

170 mm

belt/10x460mm

belt/13x460mm

SI-2800

Belt Sander

- 20mm sanding belt sander
- Safety cover over belt wheel

Standard Accessory

507-58Z/60

20mm Sanding belt #60x6

Belt Size mm

20x520

Free Speed r.p.m.

15,000

Out Put Watt

429

Weight kg/ (lb)

1.43/(3.14)

Noise Level dBA/ (power)

84/(95)

Vibration a/k m/s²

3.0/0.8

Avg.Air Consumption CFM

3.8

OPTION

507-58Z/40 20mm Sanding belt #40

507-58Z/80 20mm Sanding belt #80

507-58Z/100 20mm Sanding belt #100

507-58Z/120 20mm Sanding belt #120

215 mm

170 mm

SI-2830

Belt Sander

- 30mm sanding belt sander
- Safety cover over belt wheel
- Side handle for firm tool control

Standard Accessory

505-56Z/60

30mm Sanding belt #60x6

Belt Size mm

30x540

Free Speed r.p.m.

10,000

Out Put Watt

582

Weight kg/ (lb)

2.02/(4.45)

Noise Level dBA/ (power)

86/(97)

Vibration a/k m/s²

1.6/0.6

Avg.Air Consumption CFM

5.3

OPTION

505-56Z/40 30mm Sanding belt #40

505-56Z/80 30mm Sanding belt #80

505-56Z/100 30mm Sanding belt #100

505-56Z/120 30mm Sanding belt #120

220 mm

170 mm

SI-3121-6

New

Central Vacuum Dual Action Sander with 6"pad

SI-3121

New

Central Vacuum Dual Action Sander with 5"pad

SI-3121-6

SI-3121M : Velcro pad model

SI-3121/3121M

- Central vacuum dual action sander for dust extraction system and vacuum cleaner
- Light weight and compact palm grip body
- 6" multihole pad giving speedy operation

6"Multihole pad

Vacuum power adjuster

Standard Accessory

SI-3121-6

M-150HDMH

SI-3121-6

1041CV-5

SI-3121-6

570-42A

Standard Accessory

SI-3121M

ME-125HD

SI-3121

PE-125HD

Pad/Disc Size mm/(in.)

150(6")

125(5")

Spindle Size

5/16-24UNF

5/16-24UNF

Orbit Dia mm

5

5

Free Speed r.p.m.

10,000

10,000

Out Put Watt

148

148

Weight kg/ (lb)

1.31/(2.88)

1.29/(2.83)

Noise Level dBA/ (power)

81/(92)

81/(92)

Vibration a/k m/s²

13.4/1.8

12.8/1.7

Avg.Air Consumption CFM

2.3

2.3

For dust extraction system and vacuum cleaner

SI-3101

Dual Action Sander with 5"pad

SI-3101-6

Dual Action Sander with 6"pad

SI-3101M : Velcro pad model

SI-3101-6M : Velcro pad model

- Light weight and compact palm grip body makes smooth and easy operation
- 5"pad also available 5mm orbit diameter for finish sanding (SI-3101)
- Ergonomic, compact and lightweight design for easy operation
- The same quality features of SI-3101 with 6" pad model (SI-3101-6)

Standard Accessory

SI-3101M

ME-125H

SI-3101

PE-125H

Standard Accessory

SI-3101-6M

M-150H

SI-3101-6

P-150H

Pad/Disc Size mm/(in.)

125(5")

150(6")

Spindle Size

5/16-24UNF

5/16-24UNF

Orbit Dia mm

5

5

Free Speed r.p.m.

10,000

10,000

Out Put Watt

148

148

Weight kg/ (lb)

0.92/(2.03)

0.94/(2.07)

Noise Level dBA/ (power)

84/(95)

84/(95)

Vibration a/k m/s²

14.4/1.9

10.4/2.3

Avg.Air Consumption CFM

2.2

2.2

SI-3111

Self Vacuum Dual Action Sander with 5"pad

SI-3111-6

Self Vacuum Dual Action Sander with 6"pad

SI-3111M : Velcro pad model

SI-3111-6M : Velcro pad model

- Self vacuum dual action sander
- The self generating dust system helps create a clean working environment, protecting the operator from harmful paint and filler particles
- Light weight and compact palm grip body
- The same quality features of SI-3111 with 6" pad model (SI-3111-6)

Standard Accessory

SI-3111M

ME-125HD

SI-3111

PE-125HD

Standard Accessory

SI-3111-6

P-150HD 6

SI-3111-6M

M-150HD 6

Pad/Disc Size mm/(in.)

125(5")

150(6")

Spindle Size

5/16-24UNF

5/16-24UNF

Orbit Dia mm

5

5

Free Speed r.p.m.

10,000

10,000

Out Put Watt

148

148

Weight kg/ (lb)

1.27/(2.81)

1.29/(2.84)

Noise Level dBA/ (power)

88/(99)

88/(99)

Vibration a/k m/s²

10.2/1.5

11.7/1.6

Avg.Air Consumption CFM

2.3

2.3

SANDERS

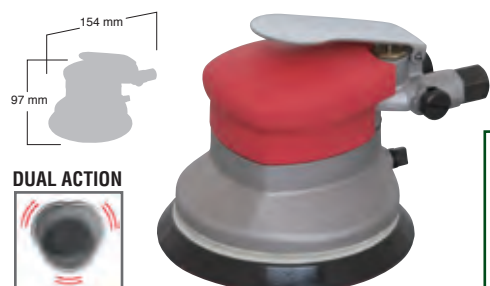
Dual Action Sanders • Self Vacuum Dual Action Sanders

SI-3103A

SI-3103AM : Velcro pad model

Dual Action Sander with 5" pad

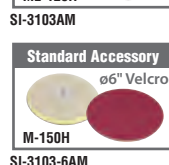
- Standard dual action sander with palm grip 5" pad are available (SI-3103A)
- Powerful, high quality air motor
- 5mm orbit diameter Suitable for both rough and finish sanding
- The same quality features of SI-3103 with 6" pad model (SI-3103-6A)



SI-3103-6A

SI-3103-6AM : Velcro pad model

Dual Action Sander with 6" pad



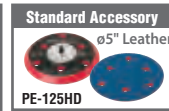
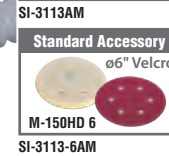
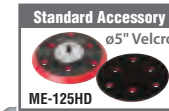
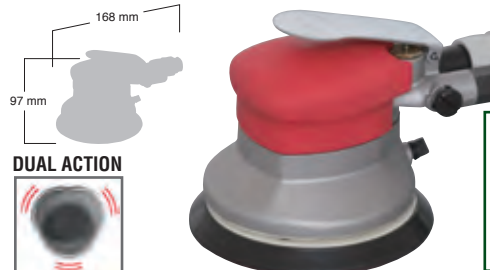
	SI-3103A/3103AM	SI-3103-6A/3103-6AM
Pad/Disc Size mm/(in.)	125/(5")	150/(6")
Spindle Size	5/16-24UNF	5/16-24UNF
Orbit Dia mm	5	5
Free Speed r.p.m.	9,000	9,000
Out Put Watt	134	134
Weight kg/(lb)	1.18/(2.60)	1.20/(2.64)
Noise Level dBA/(power)	80/(91)	80/(91)
Vibration a/k m/s ²	10.6/1.5	11.5/1.6
Avg.Air Consumption CFM	2.8	2.8

SI-3113A

SI-3113AM : Velcro pad model

Self Vacuum Dual Action Sander with 5" pad

- Self vacuum dual action sander with 5" pad model (SI-3113A)
- The self generating dust system helps create a clean working environment, protecting the operator from harmful paint and filler particles
- Light weight and compact palm grip body
- The same quality features of SI-3113 with 9 holes 6" leather pad model (SI-3113-6A)



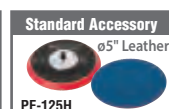
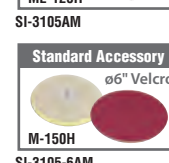
	SI-3113A/3113AM	SI-3113-6A/3113-6AM
Pad/Disc Size mm/(in.)	125/(5")	150/(6")
Spindle Size	5/16-24UNF	5/16-24UNF
Orbit Dia mm	5	5
Free Speed r.p.m.	9,000	9,000
Out Put Watt	134	134
Weight kg/(lb)	1.57/(3.46)	1.59/(3.50)
Noise Level dBA/(power)	83/(94)	83/(94)
Vibration a/k m/s ²	13.6/1.8	13.2/2.9
Avg.Air Consumption CFM	2.4	2.4

SI-3105A

SI-3105AM : Velcro pad model

Dual Action Sander with 5" pad

- Premium quality dual action sander with bar grip
- Suitable for both of light work and continuous work
- The same quality features of SI-3105 with 6" pad model (SI-3105-6A)



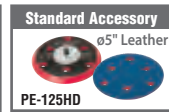
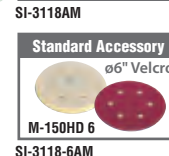
	SI-3105A/3105AM	SI-3105-6A/3105-6AM
Pad/Disc Size mm/(in.)	125/(5")	150/(6")
Spindle Size	5/16-24UNF	5/16-24UNF
Orbit Dia mm	6	6
Free Speed r.p.m.	10,500	10,500
Out Put Watt	569	569
Weight kg/(lb)	1.67/(3.69)	1.68/(3.71)
Noise Level dBA/(power)	87/(98)	88/(99)
Vibration a/k m/s ²	17.3/2.3	16.2/2.1
Avg.Air Consumption CFM	3.0	3.0

SI-3118A

SI-3118AM : Velcro pad model

Self Vacuum Dual Action Sander with 5" pad

- Self vacuum dual action sander with 5" pad model (SI-3118A)
- The self generating suction system makes for a clean working environment
- Bar grip body
- Dust free operation protects the operator from the harmful particles of paint and filler
- The same quality features of SI-3118A with 6" pad model (SI-3118-6A)



	SI-3118A/3118AM	SI-3118-6A/3118-6AM
Pad/Disc Size mm/(in.)	125/(5")	150/(6")
Spindle Size	5/16-24UNF	5/16-24UNF
Orbit Dia mm	6	6
Free Speed r.p.m.	8,000	8,000
Out Put Watt	569	569
Weight kg/(lb)	2.11/(4.65)	2.15/(4.74)
Noise Level dBA/(power)	81/(92)	81/(92)
Vibration a/k m/s ²	9.0/1.4	10.1/1.5
Avg.Air Consumption CFM	2.9	2.9

SANDERS

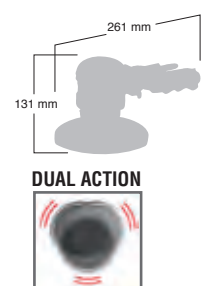
Dual Action Sanders • Mini Dual Action Sander • Self Vacuum Geared Dual Action Sanders • Mini Self Vacuum Dual Action Sander

SI-3100

SI-3100M : Velcro pad model

Dual Action Sander

- Multi purpose dual action sander with bar grip
- 7mm orbit diameter for rough sanding
- The best and longest selling 6" random orbit model at a reasonable price



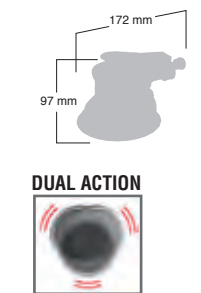
Pad/Disc Size mm/(in.)	150/(6")
Spindle Size	5/16-24UNF
Orbit Dia mm	7
Free Speed r.p.m.	10,000
Out Put Watt	542
Weight kg/(lb)	1.82/(4.01)
Noise Level dBA/(power)	75/(86)
Vibration a/k m/s ²	10.2/1.5
Avg.Air Consumption CFM	2.3

SI-3103B

SI-3103BM : Velcro pad model

Dual Action Sander

- High durability of SI-3103A is a model for heavy duty

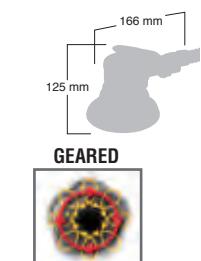


Pad/Disc Size mm/(in.)	125/(5")
Spindle Size	5/16-24UNF
Orbit Dia mm	5
Free Speed r.p.m.	9,000
Out Put Watt	134
Weight kg/(lb)	1.18/(2.60)
Noise Level dBA/(power)	87/(98)
Vibration a/k m/s ²	15.6/2.0
Avg.Air Consumption CFM	2.8

SI-3115R

Self Vacuum Geared Dual Action Sander with 5" pad

- Geared sander with 5" Velcro pad. (SI-3115R)
- Amazing power is generated with the gear mechanism
- For heavy sanding work
- The same quality features of SI-3115R with 6" velcro pad model (SI-3115R-6)



SI-3115R-6

Self Vacuum Geared Dual Action Sander with 6" pad

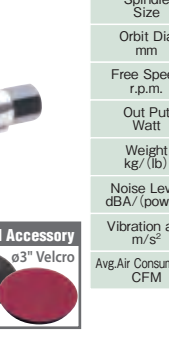


	SI-3115R	SI-3115R-6
Pad/Disc Size mm/(in.)	125/(5")	150/(6")
Orbit Dia mm	4.4	4.4
Free Speed r.p.m.	4,000	4,000
Out Put Watt	148	148
Weight kg/(lb)	1.49/(3.27)	1.51/(3.33)
Noise Level dBA/(power)	86/(97)	86/(97)
Vibration a/k m/s ²	11.2/1.6	9.7/2.9
Avg.Air Consumption CFM	2.3	2.3

SI-3102M

Mini Dual Action Sander

- Compact body design for reduce weight and easy operation

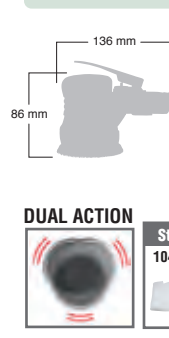


Pad/Disc Size mm/(in.)	75/(3")
Spindle Size	5/16-24UNF
Orbit Dia mm	3
Free Speed r.p.m.	12,000
Out Put Watt	153
Weight kg/(lb)	0.54/(1.19)
Noise Level dBA/(power)	85/(96)
Vibration a/k m/s ²	7.4/1.2
Avg.Air Consumption CFM	2.5

SI-3112M

Mini Self Vacuum Dual Action Sander

- Compact body design for reduce weight and easy operation
- The self generating dust system helps create a clean working



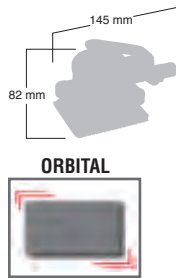
Pad/Disc Size mm/(in.)	75/(3")
Spindle Size	5/16-24UNF
Orbit Dia mm	3
Free Speed r.p.m.	12,000
Out Put Watt	153
Weight kg/(lb)	0.89/(1.96)
Noise Level dBA/(power)	92/(103)
Vibration a/k m/s ²	6.6/1.1
Avg.Air Consumption CFM	2.5

SI-3001A

SI-3001AM : Velcro pad model

Orbital Sander

- Light weight and compact palm grip orbital sander
- Paper size : 75mm x 110mm



Compact Type

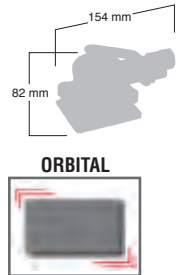
Pad/Disc Size mm/(in.)	75x100
Orbit Dia mm	4
Free Speed r.p.m.	10,000
Out Put Watt	148
Weight kg/ (lb)	0.80/(1.77)
Noise Level dBA/ (power)	82/(93)
Vibration a/k m/s ²	6.2/1.1
Avg.Air Consumption CFM	2.3

SI-3011A

SI-3011AM : Velcro pad model

Self Vacuum Orbital Sander

- Self vacuum orbital sander with palm grip and leather pad
- Light weight and compact body
- Paper size : 75mm x 110mm
- Self generated suction system protects operator from harmful particles of paint and filler



Compact Type

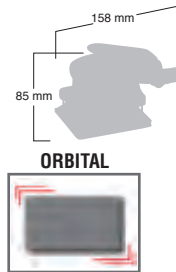
Pad/Disc Size mm/(in.)	75x100
Orbit Dia mm	4
Free Speed r.p.m.	10,000
Out Put Watt	148
Weight kg/ (lb)	1.15/(2.53)
Noise Level dBA/ (power)	83/(94)
Vibration a/k m/s ²	7.4/1.5
Avg.Air Consumption CFM	2.5

SI-3003A

SI-3003AM : Velcro pad model

Orbital Sander

- Palm grip orbital sander
- Paper size : 75mm x 110mm
- Powerful high quality air motor. 4mm orbit diameter



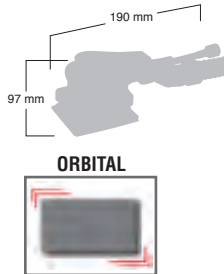
Pad/Disc Size mm/(in.)	75x100
Orbit Dia mm	4
Free Speed r.p.m.	9,000
Out Put Watt	134
Weight kg/ (lb)	1.05/(2.31)
Noise Level dBA/ (power)	75/(86)
Vibration a/k m/s ²	6.9/1.1
Avg.Air Consumption CFM	2.8

SI-3013

SI-3013M : Velcro pad model

Self Vacuum Orbital Sander

- Self vacuum orbital sander with palm grip and leather pad model
- Paper size : 75mm x 110mm
- Self generated suction system protects operator from harmful particles of paint and filler

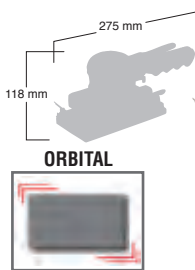


Pad/Disc Size mm/(in.)	75x100
Orbit Dia mm	4
Free Speed r.p.m.	8,000
Out Put Watt	134
Weight kg/ (lb)	1.46/(3.22)
Noise Level dBA/ (power)	88/(99)
Vibration a/k m/s ²	4.6/0.9
Avg.Air Consumption CFM	2.3

SI-3005

Orbital Sander

- Bar grip orbital sander
- Paper size : 100mm x 180mm
- The tool has paper clips and you can use roll paper abrasive of 100mm width



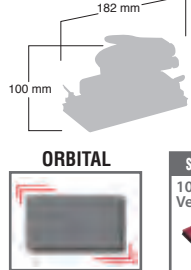
Pad/Disc Size mm/(in.)	90x165
Orbit Dia mm	5
Free Speed r.p.m.	11,000
Out Put Watt	289
Weight kg/ (lb)	1.87/(4.13)
Noise Level dBA/ (power)	88/(99)
Vibration a/k m/s ²	21.1/2.8
Avg.Air Consumption CFM	2.3

SI-3007

SI-3007M : Velcro pad model

Orbital Sander

- Paper size : 100mm x 180mm
- The tool has paper clips and you can use roll paper abrasive of 100mm width
- One hand grip for easy operation



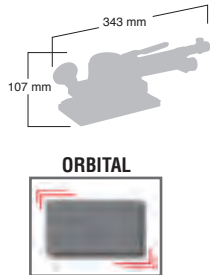
Pad/Disc Size mm/(in.)	95x175
Orbit Dia mm	5
Free Speed r.p.m.	11,000
Out Put Watt	275
Weight kg/ (lb)	1.82/(4.00)
Noise Level dBA/ (power)	86/(97)
Vibration a/k m/s ²	27.5/3.2
Avg.Air Consumption CFM	2.8

SI-3018A

SI-3018AM : Velcro pad model

Self Vacuum Orbital Sander

- Self vacuum orbital sander with bar grip
- Paper size : 100mm x 180mm
- With leather pad or Velcro pad



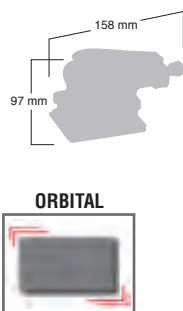
Pad/Disc Size mm/(in.)	95x175
Orbit Dia mm	5
Free Speed r.p.m.	7,000
Out Put Watt	222
Weight kg/ (lb)	2.31/(5.09)
Noise Level dBA/ (power)	83/(94)
Vibration a/k m/s ²	10.2/1.5
Avg.Air Consumption CFM	3.1

SI-3003B

SI-3003BM : Velcro pad model

Orbital Sander

- High durability of SI-3003A is a model for heavy duty



Heavy Duty Type

Pad/Disc Size mm/(in.)	75x100
Orbit Dia mm	4
Free Speed r.p.m.	8,000
Out Put Watt	134
Weight kg/ (lb)	1.05/(2.31)
Noise Level dBA/ (power)	88/(99)
Vibration a/k m/s ²	4.6/0.9
Avg.Air Consumption CFM	2.8

SI-2026

Disc Sander

- Angle head disc sander for 5" disc. For general sanding and polishing
- High quality air motor provides high power, durability and reduced vibration
- Side handle for smooth and stable sanding



Pad/Disc Size mm/(in.)	125/(5")
Spindle Size	5/8-11UNC
Free Speed r.p.m.	5,500
Out Put Watt	491
Weight kg/ (lb)	1.50/(3.31)
Noise Level dBA/ (power)	88/(99)
Vibration a/k m/s ²	3.4/0.8
Avg.Air Consumption CFM	4.4

SI-2351

Disc Sander

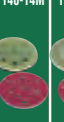
- Angle head sander with 7" disc
- Side handle for smooth and stable sanding
- Rear exhaust through the handle directs air away from operator and workplace



Pad/Disc Size mm/(in.)	180/(7")
Spindle Size	5/8-11UNC
Free Speed r.p.m.	4,500
Out Put Watt	458
Weight kg/ (lb)	2.13/(4.70)
Noise Level dBA/ (power)	80/(91)
Vibration a/k m/s ²	4.9/0.9
Avg.Air Consumption CFM	4.1

SANDERS ACCESSORIES	M-150HDMH	PE-125H	ME-125H	P-125H	M-125H	P-150H	M-150H	PE-125HD	ME-125HD	P-150HD 6	M-150HD 6	P-150HD 9	M-150HD 9	P-150HD 3-9	M-150HD 3-9	486-3	1041CV-5	1040-54	570-42A	485-42
SI-3121								★	☆										★	
SI-3121M								☆	★										★	
SI-3121-6	★									☆	☆	☆	☆	☆	☆		★		★	
SI-3101		★	☆	☆	☆															
SI-3101M		☆	★																	
SI-3101-6						★	☆													
SI-3101-6M						☆	★													
SI-3111								★	☆									★		★
SI-3111M								☆	★									★		★
SI-3111-6										★	☆	☆	☆	☆	☆			★		★
SI-3111-6M	☆									☆	★	☆	☆	☆	☆			★		★
SI-3103A		★	☆	☆	☆															
SI-3103AM		☆	★	☆	☆															
SI-3103-6A						★	☆													
SI-3103-6AM						☆	★													
SI-3113A								★	☆										★	★
SI-3113AM								☆	★										★	★
SI-3113-6A										★	☆	☆	☆	☆	☆				★	★
SI-3113-6AM	☆									☆	★	☆	☆	☆	☆				★	★
SI-3105A		★	☆																	
SI-3105AM		☆	★																	
SI-3105-6A						★	☆													
SI-3105AM						☆	★													
SI-3118A								★	☆										★	★
SI-3118AM								☆	★										★	★
SI-3118-6A										★	☆	☆	☆	☆	☆				★	★
SI-3118-6AM	☆									☆	★	☆	☆	☆	☆				★	★
SI-3100							☆									★				
SI-3100M							★									☆				
SI-3103B		☆	☆	★	☆															
SI-3103BM		☆	☆	☆	★															

★ : Standard ☆ : Option

SANDERS ACCESSORIES																		
	5" Velcro Pad	6" Velcro Pad	3" Velcro Pad 5/16-24UNF	3" Velcro Pad with Sholes 5/16-24UNF	Leather Pad incl. Plate (490-588) No hole	Velcro Pad incl. Plate (490-588) No hole	Leather Pad incl. Plate (490-588) with hole	Velcro Pad incl. Plate (490-588) with hole	Leather Pad	Leather Pad incl. Plate (477-44)	Velcro Pad incl. Plate (477-44)	Leather Pad incl 100x180	Velcro Pad incl 100x180	5" Back Disc	7" Back Disc	19mm Dust Hose	25mm Dust Hose	Dust Pack
SI-3115R	★															★		★
SI-3115R-6		★														★		★
SI-3102M			★															
SI-3112M				★												★		★
SI-3001A					★	☆												
SI-3001AM					☆	★												
SI-3011A							★	☆								★		★
SI-3011AM							☆	★								★		★
SI-3003A					★	☆												
SI-3003AM					☆	★												
SI-3013							★	☆									★	★
SI-3013M							☆	★									★	★
SI-3005									★									
SI-3007										★	☆							
SI-3007M										☆	★							
SI-3018A												★	☆				★	★
SI-3018AM												☆	★				★	★
SI-3003B					★	☆												
SI-3003BM					☆	★												
SI-2026														★				
SI-2351															★			

★ : Standard ☆ : Option

BELT SANDER ACCESSORIES	181-45	509-45Z/40	509-45Z/60	509-45Z/80	509-45Z/100	509-45Z/120	507-58Z/40	507-58Z/60	507-58Z/80	507-58Z/100	507-58Z/120	505-56Z/40	505-56Z/60	505-56Z/80	505-56Z/100	505-56Z/120	509-130	509-131	509-132	509LK-106
SI-2700	☆	☆	★	☆	☆	☆														
SI-2740	★	☆	★	☆	☆	☆														
SI-2700L	☆																	★	★	★
SI-2700LS	☆																			★
SI-2800	☆						☆	★	☆	☆	☆									
SI-2830	☆											☆	★	☆	☆	☆				

★ : Standard ☆ : Option

OPTION

Swivel Regulator
Male 1/4" Female 1/4"

1026-51AS

SI-2008

Heavy Duty Mini Sander

● Angle head sander with 2" disc. Light and compact. It is useful for sanding and polishing work at the narrow place

166 mm

72 mm

SINGLE ACTION

Standard Accessory

262-21MD



Pad/Disc Size mm/(in.)	50/(2")
Spindle Size	M6x1
Free Speed r.p.m.	14,500
Out Put Watt	175
Weight kg/ (lb)	0.57/(1.26)
Noise Level dBA/ (power)	83/(94)
Vibration a/k m/s ²	4.0/0.9
Avg.Air Consumption CFM	2.8

SI-2107A

Mini Sander

● Angle head dual action sander with 2" Velcro pad
● You can use 2" sanding paper, wool buff or sponge buff
● A good tool for sanding and polishing where space is limited
● High quality gears provide long tool life
● Dual action for easy operation and a good finish

170 mm

84 mm

DUAL ACTION

Standard Accessory

262-21MD

Standard Accessory

SHP-50M-80

Standard Accessory

M-20x60/B

Standard Accessory

M-60



Pad/Disc Size mm/(in.)	50/(2")
Spindle Size	M6x1
Orbit Dia mm	3
Free Speed r.p.m.	14,000
Out Put Watt	127
Weight kg/ (lb)	0.55/(1.20)
Noise Level dBA/ (power)	85/(96)
Vibration a/k m/s ²	3.8/0.9
Avg.Air Consumption CFM	2.3

SI-2108

Heavy Duty Mini Sander

● High durability of SI-2107A is a model for heavy duty

166 mm

84 mm

DUAL ACTION

Standard Accessory

114DA-12

Standard Accessory

119-102

Standard Accessory

119-101



Pad/Disc Size mm/(in.)	75/(3")
Spindle Size	M6x1
Orbit Dia mm	3
Free Speed r.p.m.	15,500
Out Put Watt	175
Weight kg/ (lb)	0.62/(1.36)
Noise Level dBA/ (power)	85/(96)
Vibration a/k m/s ²	18.5/2.3
Avg.Air Consumption CFM	2.4

SI-2210

Disc Sander

● A long seller in the market. Very popular high speed disc sander
● Easy one hand operation
● Disc inside dia.

167 mm

123 mm

SINGLE ACTION

Standard Accessory

170C-27



Pad/Disc Size mm/(in.)	75/(3")
Spindle Size	7/16-20UNF
Free Speed r.p.m.	19,000
Out Put Watt	475
Weight kg/ (lb)	0.99/(2.17)
Noise Level dBA/ (power)	91/(102)
Vibration a/k m/s ²	3.8/1.0
Avg.Air Consumption CFM	3.9

SI-2201-2

Disc Sander with 2" pad

● Designed for direct mounting of the 3M Roloc Pad
● No adaptors necessary

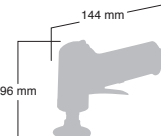
144 mm

96 mm

SINGLE ACTION

Standard Accessory

129-100



SI-2201

Disc Sander Without Pad

Regulator Dial



Pad/Disc Size mm/(in.)	50/(2")
Spindle Size	1/4-20UNC
Free Speed r.p.m.	17,000
Out Put Watt	174
Weight kg/ (lb)	0.50/(1.10)
Noise Level dBA/ (power)	82/(93)
Vibration a/k m/s ²	2.2/0.7
Avg.Air Consumption CFM	2.5

SI-2202-2

Disc Sander with 2" pad

● Ideal for the removal of rust, surface deposits, and welds in hard -to-reach areas
● Doble-sided, adjustable speed settings provide variability for a broader range of applications
● Designed for direct mounting of the 3M Roloc Pad

135 mm

120 mm

SINGLE ACTION

Standard Accessory

129-100



SI-2202

Disc Sander without pad

Regulator



Pad/Disc Size mm/(in.)	50/(2")
Spindle Size	1/4-20UNC
Free Speed r.p.m.	15,000
Out Put Watt	168
Weight kg/ (lb)	0.46
Noise Level dBA/ (power)	82/(93)
Vibration a/k m/s ²	2.3/0.7
Avg.Air Consumption CFM	2.5

SI-2110S

Mini Dual Action Sander

● Engineered for the most aggressive sanding applications
● Durable ball-bearing construction ensures, a smooth power delivery

135 mm

130 mm

DUAL ACTION

Standard Accessory

114DA-12



Pad/Disc Size mm/(in.)	75/(3")
Spindle Size	M6x1
Orbit Dia mm	3
Free Speed r.p.m.	15,000
Out Put Watt	168
Weight kg/ (lb)	0.52
Noise Level dBA/ (power)	82/(93)
Vibration a/k m/s ²	9.5/2.1
Avg.Air Consumption CFM	2.5

27

28

SI-2300

Disc Sander

- Vertical grip for stable and easy operation sander with 7" disc

187 mm

258 mm

SINGLE ACTION

Standard Accessory

820-52

Pad/Disc Size mm/(in.)	180(7")
Spindle Size	5/8-11UNC
Free Speed r.p.m.	4,000
Out Put Watt	409
Weight kg/(lb)	2.27/(5.01)
Noise Level dBA/(power)	82/(93)
Vibration a/k m/s²	1.4/0.6
Avg.Air Consumption CFM	3.9

SI-3200A

Oscillation Sander

- Self suck system protects operator from harmful powder of paint and filler
- Oscillating mechanism tool with a triangular pad. For delicate and fine sanding work
- Special designed oscillation sander for narrow place and corner

70 mm

75 mm

182 mm

57 mm

OSCILLATION

Standard Accessory

118-3

Pad/Disc Size mm/(in.)	△75×70
Spindle Size	M8×1.25
Oscillating Angle	2.8°
Free Speed o.p.m. ★	21,000
Out Put Watt	173
Weight kg/(lb)	0.65/(1.43)
Noise Level dBA/(power)	83/(94)
Vibration a/k m/s²	9.6/2.2
Avg.Air Consumption CFM	2.4

★o.p.m. (Oscillation Per Minutes)

SI-2322WR-LE

Wet Sander

- Wet sander designed for stone sanding and polishing with water
- 3", 4" or 5" rubber Velcro pad + diamond abrasive is the best choice for the too
- Supplied with 14mm thread spindle
- Perfect waterproof mechanism ensures a long working life
- It can be use for diamond polishing and dry marble polishing

230 mm

93 mm

Water Regulator

Air Regulator

Safety Lever

Pad/Disc Size mm/(in.)	φ80
Spindle Size	M14
Free Speed r.p.m.	5,500
Out Put Watt	435
Weight kg/(lb)	1.32/(2.91)
Noise Level dBA/(power)	88/(99)
Vibration a/k m/s²	1.7/0.6
Avg.Air Consumption CFM	4.0

OPTION

1110A-80E

Standard Accessory

240-50

Generaldrawing

SI-3310

Mini Orbital Finishing Sander

- Special design for the polishing of very small scratches, marks, bubble or dust on fresh paint Surface.
- φ30mm diameter head can help you see the exact point to sand It can reduce buffing area.

187mm

68mm

ORBITAL

Standard Accessory

115MB-6S

Standard Accessory

115MB-6H

Standard Accessory

#3000

Standard Accessory

181-45

Pad/Disc Size mm/(in.)	φ30
Orbit Dia mm	3
Free Speed r.p.m.	10,000
Out Put Watt	127
Weight kg/(lb)	0.56/(1.23)
Noise Level dBA/(power)	83/(94)
Vibration a/k m/s²	10.2/2.1
Avg.Air Consumption CFM	1.2



SANDERS ACCESSORIES	MESP-6S	262-21MD	SHP-50M-40	TZ-3000	114DA-12	M-20x60B	M-60	119-101	119-102	170C-27	170C-30	820-52	129-100	118-3	115MB-6S	115MB-6H	1110A-80E
	φ65mm Sanding Disc	φ50mm Velcro Pad M6	φ30mm Sanding Paper	φ30mm Sanding Paper	φ75mm Velcro Pad M6	φ60mm Sponge Buff	φ60mm Wool Buff	φ80mm Sponge Buff	φ80mm Wool Buff	3"DiscPad	4"DiscPad	7"Back Disc	2"Disc Pad	Triangle Sanding Pad	φ30mm SoftPad	φ30mm HardPad	φ80mm Velcro Pad (M14 P-2)
SI-2008	☆	★	☆			☆	☆										
SI-2107A		★	★			★	★										
SI-2108					★			★	★								
SI-2210										★	☆						
SI-2201-2													★				
SI-2201													☆				
SI-2202-2													★				
SI-2202													☆				
SI-2110S					★												
SI-2300												★					
SI-3200A														★			
SI-2322WR-LE																	☆
SI-3310				★											★	★	

★ : Standard ☆ : Option

SHINANO INC. SANDER LINEUP

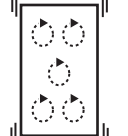
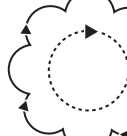
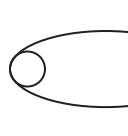
Work	Finish			
	Light	Orbital	Heavy	
Action				
Non Vacuum	SI-3001A	SI-3003A	SI-3005	SI-3003B
				
Self Vacuum	SI-3011A	SI-3013	SI-3018A	
				
Non Vacuum			SI-3007	
				

Work	Finish / Rough Finish			
	Light	Dual Action	Heavy	
Action				
5 inch	SI-3101	SI-3103A	SI-3118A	SI-3103B
				
Self Vacuum	SI-3111	SI-3113A		SI-3105A
				
6 inch	SI-3101-6	SI-3103-6A	SI-3118-6A	SI-3105-6A
				
Self Vacuum	SI-3111-6	SI-3113-6A	SI-3100	
				

Work	Finish / Rough Finish
Action	Dual Action
5 inch	SI-3121
	
6 inch	SI-3121-6
	

Work	Rough Heavy
Action	Geard Dual Action
5 inch	SI-3115R
	
6 inch	SI-3115R-6
	

Difference of Sanders

Name	Shingle Sander	Dual Action Sander	Orbital Sander	Geared Action Sander	Belt Sander
Pad type	Round type pad	Round type pad	Square pad	Round type pad	No pad
Movement					
Sanding Style	Single rotation	Double eccentric rotation	Eccentric rotation	Double eccentric rotation	Endless track for one side
Sanding Power	Strong	Little strong	Little Weak	Strong	Strong
Depth	Deep	Shallow	Shallow	Deep	Deep
work	•Peeling •Deburring	Coarse sanding for surface	Coarse & finish sanding for surface	Coarse sanding for surface	•Peeling •Deburring
Orbit Dia	Nothing	3mm~6mm	4mm~5mm	4.4mm	Nothing
SI Model	SI-2026,2351, 2210,2300, 2008,2210, etc	SI-3100,3101,3111,3121 3103A,3113A,3105A, 3118A,2107A,2108, etc	SI-3001A,3013, 3018A,etc	SI-3115R,3115R-6	SI-2700,2700L, 2800,2830,2740 2700LS
					



SI-2415

POLISHERS



GEARED DUAL ACTION POLISHER
DUAL ACTION POLISHER
SINGLE ACTION POLISHERS
LIGHT SANDER POLISHER

POLISHERS

Geared Dual Action Polisher • Dual Action Polisher • Single Action Polishers

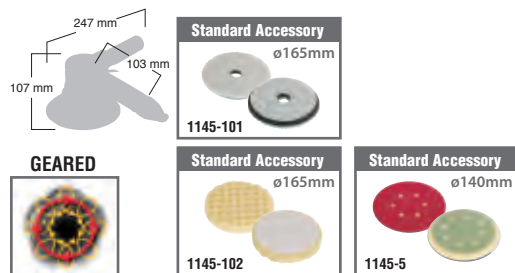
POLISHERS

Single Action Polishers • Light Sander Polisher

SI-2415

Geared Dual Action Polisher

- Geared polisher with 6" Velcro pad, 1,200r.p.m. low speed and high torque
- Designed for the wax polishing of painted motorcar body panels
- Either a wool buff or sponge buff can be used
- Geared dual action for easy operation

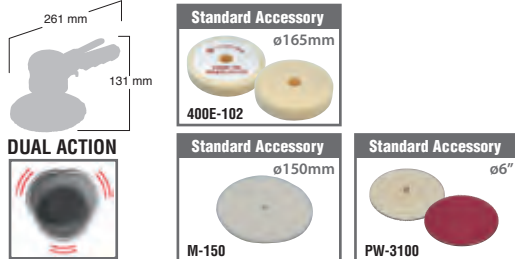


Buff Pad Size mm/(in.)	140/(6")
Orbit Dia mm	4.4
Free Speed r.p.m.	1,200
Weight kg/ (lb)	1.45
Noise Level dBA/ (power)	86/(97)
Vibration a/k m/s ²	13.1/5.6
Avg.Air Consumption CFM	3.4

SI-3100P

Dual Action Polisher

- Dual action polisher with 6" Velcro pad
- Designed for the wax polishing of painted motorcar body panel
- Either a wool buff or sponge buff can be used
- Uniform wax work with dual action
- Professional finish without special skill



Buff Pad Size mm/(in.)	150/(6")
Spindle Size Female	5/16-24UNF
Orbit Dia mm	6
Free Speed r.p.m.	8,000
Out Put Watt	542
Weight kg/ (lb)	1.81/(3.99)
Noise Level dBA/ (power)	75/(86)
Vibration a/k m/s ²	6.7/3.1
Avg.Air Consumption CFM	2.3

SI-2221

Single Action Polisher

- Geared polisher with 3" Velcro pad
- Light and compact body
- Either a wool buff or sponge buff can be used
- Designed for Polishing and Buffing painted surface in confined areas
- The tool most suitable for repairing small scratch or dust on painted surfaces

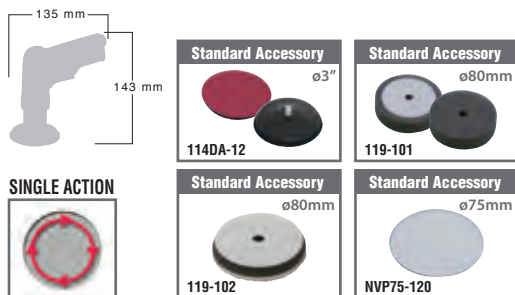


Buff Pad Size mm/(in.)	75/(3")
Spindle Size Female	M6x1
Free Speed r.p.m.	4,500
Out Put Watt	203
Weight kg/ (lb)	0.64/(1.42)
Noise Level dBA/ (power)	83/(94)
Vibration a/k m/s ²	1.4/0.6
Avg.Air Consumption CFM	2.5

SI-2224S

Single Action Polisher

- Geared polisher with 3" Velcro pad
- Super light weight & compact design with solid composite body
- Based on two-layer molded rubber grip giving comfortable grip and reducing vibration



Buff Pad Size mm/(in.)	75/(3")
Spindle Size Female	M6x1
Free Speed r.p.m.	5,000
Out Put Watt	270
Weight kg/ (lb)	0.60/(1.32)
Noise Level dBA/ (power)	83/(94)
Vibration a/k m/s ²	1.6/0.6
Avg.Air Consumption CFM	2.5

SI-2009

Single Action Polisher

- Compact body design for reduce weight
- Low Speed Single Action Sander
- New design for 3" pad size

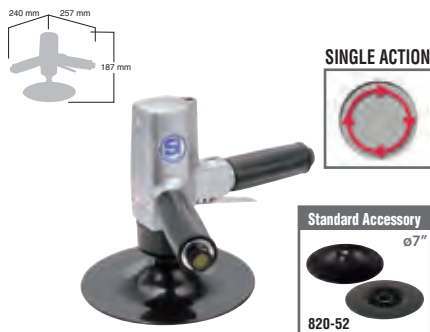


Buff Pad Size mm/(in.)	75/(3")
Spindle Size Female	5/16-24UNF
Free Speed r.p.m.	2,600
OutPut Watt	180
Weight kg/ (lb)	0.68/(1.49)
Noise Level dBA/ (power)	77/(88)
Vibration a/k m/s ²	1.1/0.6
Avg.Air Consumption CFM	2.5

SI-2400

Single Action Polisher

- Vertical polisher with 7" back up disc
- Vertical grip for stable and easy operation

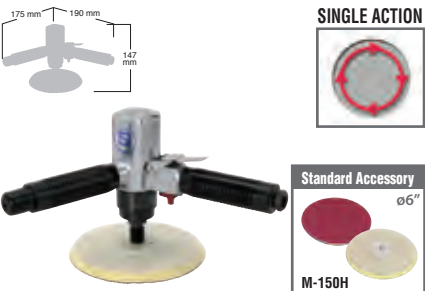


Buff Pad Size mm/(in.)	180/(7")
Spindle Size Male	5/8-11UNC
Free Speed r.p.m.	2,000
Out Put Watt	511
Weight kg/ (lb)	2.24/(4.94)
Noise Level dBA/ (power)	83/(94)
Vibration a/k m/s ²	1.8/0.6
Avg.Air Consumption CFM	4.0

SI-2405

Light Sander Polisher

- Vertical polisher with 6" pad
- Light weight
- Precise and high quality 2 gear mechanism ensures high power transfer
- Can also be used as a sander



Buff Pad Size mm/(in.)	150/(6")
Spindle Size Female	5/16-24UNF
Free Speed r.p.m.	1,800
Out Put Watt	241
Weight kg/ (lb)	1.17/(2.58)
Noise Level dBA/ (power)	84/(95)
Vibration a/k m/s ²	1.8/1.0
Avg.Air Consumption CFM	2.8

SI-2451

Single Action Polisher

- Angle head polisher with 7" back up disc
- Rear exhaust through the handle directs air away from operator and workplace



Buff Pad Size mm/(in.)	180/(7")
Spindle Size Male	5/8-11UNC
Free Speed r.p.m.	2,300
Out Put Watt	482
Weight kg/ (lb)	2.13/(4.69)
Noise Level dBA/ (power)	83/(94)
Vibration a/k m/s ²	2.2/0.7
Avg.Air Consumption CFM	3.9

POLISHERS ACCESSORIES	M-150H	114DA-12	400E-102	M-150	M-75H	119-101	119-102	NVP75-120	1145-101	1145-102	1145-5	820-52	PW-3100
SI-2415									★	★	★		
SI-3100P			★	★									★
SI-2221		★				★	★	★					
SI-2224S		★				★	★	★					
SI-2009					★	★	★						
SI-2009H					★	★	★						
SI-2400												★	
SI-2405	★												
SI-2451												★	

★ : Standard ☆ : Option



SI-2515LA

GRINDERS



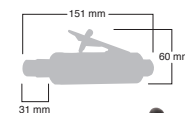
DIE GRINDERS
CUT OFF GRINDER
DISC GRINDERS
MICRO GRINDERS

GRINDERS Die Grinders

SI-2001S

SI-2001S-6 : 6mm Collet model

- Small body size die grinder
- 1/4" collet and 6mm collets are available



SI-2001S



SI-2001S-6

Die Grinder

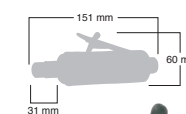
SI-2001S SI-2001S-6

Collet Size	ø1/4"	ø6mm
Free Speed r.p.m. (MAX)	25,000	25,000
Output Watt	173	173
Weight kg/ (lb)	0.37/(0.82)	0.37/(0.82)
Noise Level dBA/ (power)	84/(95)	84/(95)
Vibration a/k m/s ²	3.4/0.8	3.4/0.8
Avg.Air Consumption CFM	2.7	2.7

SI-2002

SI-2002-6 : 6mm Collet model

- Compact, lightweight, ergonomic design
- Feather touch throttle lever for easy operation
- A plastic body cover absorbs tool vibrations and protects your hand from the cold
- 1/4" collet and 6mm collets are available
- Built-in air regulator for easy adjustment



SI-2002



SI-2002-6

Die Grinder

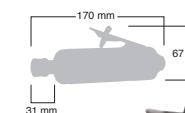
SI-2002 SI-2002-6

Collet Size	ø1/4"	ø6mm
Free Speed r.p.m. (MAX)	27,000	27,000
Output Watt	219	219
Weight kg/ (lb)	0.37/(0.83)	0.37/(0.83)
Noise Level dBA/ (power)	84/(95)	84/(95)
Vibration a/k m/s ²	2.3/0.7	2.3/0.7
Avg.Air Consumption CFM	2.6	2.6

SI-2011S

SI-2011S-6 : 6mm Collet model

- Medium body size die grinder
- 1/4" collet and 6mm collets are available
- Rear exhaust directs air away from operator and work place
- Lever throttle with safety lock
- Compact, lightweight, ergonomic design and feather touch throttle lever for easy operation



SI-2011S



SI-2011S-6

Die Grinder

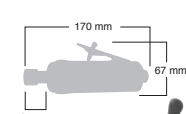
SI-2011S SI-2011S-6

Collet Size	ø1/4"	ø6mm
Free Speed r.p.m. (MAX)	25,000	25,000
Output Watt	422	422
Weight kg/ (lb)	0.60/(1.32)	0.60/(1.32)
Noise Level dBA/ (power)	87/(98)	87/(98)
Vibration a/k m/s ²	6.5/1.1	6.5/1.1
Avg.Air Consumption CFM	4.0	4.0

SI-2012

SI-2012-6 : 6mm Collet model

- Medium body size die grinder with a plastic grip cover
- 1/4" collet and 6mm collets are available
- Compact, lightweight, ergonomic design and feather touch throttle lever for easy operation
- A plastic body cover absorbs tool vibrations and protects your hand from the cold



SI-2012



SI-2012-6

Die Grinder

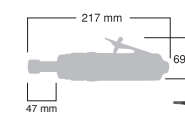
SI-2012 SI-2012-6

Collet Size	ø1/4"	ø6mm
Free Speed r.p.m. (MAX)	25,000	25,000
Output Watt	388	388
Weight kg/ (lb)	0.60/(1.31)	0.60/(1.31)
Noise Level dBA/ (power)	87/(98)	87/(98)
Vibration a/k m/s ²	3.9/1.3	3.9/1.3
Avg.Air Consumption CFM	4.0	4.0

SI-2015A

SI-2015A-6 : 6mm Collet model

- Planetary geared die grinder. 5,500r.p.m. low speed and high torque
- 1/4" and 6mm collets are available
- Compact, lightweight, ergonomic design and feather touch throttle lever for easy operation
- A plastic body cover absorbs tool vibrations and protects your hand from the cold



SI-2015A



SI-2015A-6

Die Grinder

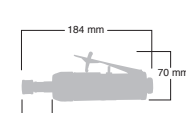
SI-2015A SI-2015A-6

Collet Size	ø1/4"	ø6mm
Free Speed r.p.m. (MAX)	5,500	5,500
Output Watt	457	457
Weight kg/ (lb)	0.91/(2.01)	0.91/(2.01)
Noise Level dBA/ (power)	88/(99)	88/(99)
Vibration a/k m/s ²	4.9/0.9	4.9/0.9
Avg.Air Consumption CFM	4.2	4.2

SI-2010

SI-2010-6 : 6mm Collet model

- Compact, lightweight, ergonomic design and feather touch throttle lever for easy operation
- A plastic body cover absorbs tool vibrations and protects your hand from the cold



SI-2010



SI-2010-6

Die Grinder

SI-2010 SI-2010-6

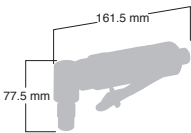
Collet Size	ø1/4"	ø6mm
Free Speed r.p.m. (MAX)	23,000	23,000
Output Watt	247	247
Weight kg/ (lb)	0.52/(1.14)	0.52/(1.14)
Noise Level dBA/ (power)	83/(94)	83/(94)
Vibration a/k m/s ²	5.9/1.0	5.9/1.0
Avg.Air Consumption CFM	1.8	1.8

IMPACT
WRENCHES
DRIVERS
RATCHET
WRENCHES
SANDERS
POLISHERS
GRINDERS
SPINDLES
CUTTING TOOLS
OTHERS
INDUSTRIAL
TOOLS
SOUND &
VIBRATION
MAINTENANCE
CHECK
QUALITY

SI-2005HD
SI-2005HD-6 : 6mm Collet model

Die Grinder

- Small body size, angle head die grinder with a plastic grip cover
- High durability die grinder
- Compact, lightweight, ergonomic design and feather touch throttle lever for easy operation.
- A plastic body cover absorbs tool vibrations and protects your hand from the cold
- Lever throttle with safety lock



	SI-2005HD	SI-2005HD-6
Collet Size	ø1/4"	ø6mm
Free Speed r.p.m. (MAX)	20,000	20,000
Output Watt	200	200
Weight kg/ (lb)	0.56/(1.23)	0.56/(1.23)
Noise Level dBA/ (power)	81/(92)	81/(92)
Vibration a/k m/s ²	7.3/1.2	7.3/1.2
Avg.Air Consumption CFM	2.4	2.4

SI-2006S
SI-2006S-6 : 6mm Collet model

Die Grinder

- Small body size, angle head die grinder
- 1/4" collet and 6mm collets are available
- Compact, lightweight, ergonomic design and feather touch throttle lever for easy operation
- Lever throttle with safety lock

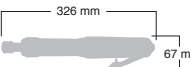


	SI-2006S	SI-2006S-6
Collet Size	ø1/4"	ø6mm
Free Speed r.p.m. (MAX)	20,000	20,000
Output Watt	127	127
Weight kg/ (lb)	0.49/(1.08)	0.49/(1.08)
Noise Level dBA/ (power)	83/(94)	83/(94)
Vibration a/k m/s ²	7.4/1.6	7.4/1.6
Avg.Air Consumption CFM	2.3	2.3

SI-2022S
SI-2022S-6 : 6mm Collet model

Die Grinder

- Die grinder with the extended shaft
- 1/4" collet and 6mm collets are available
- Special designed extended die grinder for unreachable place



	SI-2022S	SI-2022S-6
Collet Size	ø1/4"	ø6mm
Free Speed r.p.m. (MAX)	24,000	24,000
Output Watt	537	537
Weight kg/ (lb)	1.34/(2.94)	1.34/(2.94)
Noise Level dBA/ (power)	89/(100)	89/(100)
Vibration a/k m/s ²	4.1/0.9	4.1/0.9
Avg.Air Consumption CFM	4.5	4.5

SI-2033

Cut off Grinder

- A straight grinder designed for 3" cut off discs
- For cutting sheet metal or pipe
- Especially useful for cutting the exhaust pipe on motorcars
- Compact and lightweight body with lever throttle for safety operation

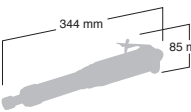


Disc Size mm/(in.)	75/(3")
Spindle Size	ø9.5/(3/8")
Free Speed r.p.m. (MAX)	20,000
Output Watt	347
Weight kg/ (lb)	1.00/(2.21)
Noise Level dBA/ (power)	89/(100)
Vibration a/k m/s ²	7.5/2.4
Avg.Air Consumption CFM	4.0

SI-2023
SI-2023-6 : 6mm Collet model

Die Grinder

- Low Speed Die Grinder
- 1/4" collet and 6mm collets are available
- Sander with the extended shaft
- Special designed extended Sander for unreachable place

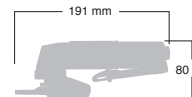


	SI-2023	SI-2023-6
Collet Size	ø1/4"	ø6mm
Free Speed r.p.m. (MAX)	6,000	6,000
Output Watt	435	435
Weight kg/ (lb)	1.70/(3.75)	1.70/(3.75)
Noise Level dBA/ (power)	90/(101)	90/(101)
Vibration a/k m/s ²	4.0/0.9	4.0/0.9
Avg.Air Consumption CFM	3.8	3.8

SI-2501L

Disc Grinder

- Light weight 4" disc grinder with rotary throttle
- 40% lighter than SI-2500
- Speed governor assures safety operation
- Compact and lightweight body with rotary throttle for easy operation
- Precise gear mechanism assures the highest power transfer, durability and reduced vibration



SI-2501

Disc Grinder

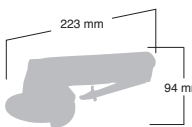


	SI-2501L	SI-2501
Disc Size mm/(in.)	100/(4")	100/(4")
Spindle Size	M10x1.5	M10x1.5
Free Speed r.p.m. (MAX)	13,000	13,000
Output Watt	303	303
Weight kg/ (lb)	1.04/(2.29)	0.91/(2.01)
Noise Level dBA/ (power)	81/(92)	82/(93)
Vibration a/k m/s ²	9.6/3.1	8.4/2.8
Avg.Air Consumption CFM	2.7	2.2

SI-2500L

Disc Grinder

- The high quality air motor used ensures the highest power and durability, while reducing vibration
- A trouble free tool for industry use

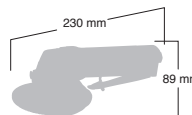


	SI-2500L	SI-2500
Disc Size mm/(in.)	100/(4")	100/(4")
Spindle Size	M10x1.5	M10x1.5
Free Speed r.p.m. (MAX)	12,700	12,700
Output Watt	443	443
Weight kg/ (lb)	1.82/(4.02)	1.87/(4.11)
Noise Level dBA/ (power)	80/(91)	84/(95)
Vibration a/k m/s ²	9.9/3.2	7.6/2.5
Avg.Air Consumption CFM	2.7	2.4

SI-2515LA

Disc Grinder

- 5" Disc grinder with safety lever throttle and 14mm thread spindle
- Speed governor assures safety operation
- Spindle lock button enable exchanging disc quickly
- Rear exhaust and lever throttle with safety lock
- Disc one push lock button model

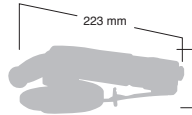


Disc Size mm/(in.)	125/(5")
Spindle Size	M14x2
Free Speed r.p.m. (MAX)	12,000
Output Watt	480
Weight kg/ (lb)	1.65/(3.65)
Noise Level dBA/ (power)	85/(96)
Vibration a/k m/s ²	11.0/3.6
Avg.Air Consumption CFM	2.8

SI-2505L

Disc Grinder

- 5" Disc grinder with safety lever throttle
- For this model because of the safety reason
- Speed governor assures safety operation
- Lever throttle with safety lock

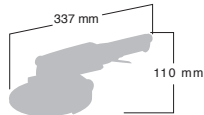


Disc Size mm/(in.)	125/(5")
Spindle Size	ø22/(7/8")
Free Speed r.p.m. (MAX)	12,000
Output Watt	443
Weight kg/ (lb)	1.91/(4.22)
Noise Level dBA/ (power)	82/(93)
Vibration a/k m/s ²	5.8/1.9
Avg.Air Consumption CFM	3.3

SI-2600L

Disc Grinder

- 7" Disc grinder with safety lever throttle
- Speed governor assures safety operation
- High quality air motor assures high power, durability, reducing vibration and trouble free use

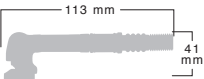


Disc Size mm/(in.)	180/(7")
Spindle Size	M10×1.5
Free Speed r.p.m. (MAX)	7,500
Output Watt	754
Weight kg/(lb)	3.24/(7.15)
Noise Level dBA/(power)	97/(108)
Vibration a/k m/s ²	4.0/1.3
Avg.Air Consumption CFM	4.0

SI-2050AG

Micro Grinder

- High speed angle head disc grinder with 30mm diameter disc
- 21,000r.p.m.
- For exact and delicate work

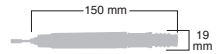


Disc Size mm/(in.)	ø30
Spindle Size	M7×0.75
Free Speed r.p.m. (MAX)	21,000
Weight kg/(lb)	0.23/(0.52)
Noise Level dBA/(power)	71/(82)
Vibration a/k m/s ²	0.9/0.3
Avg.Air Consumption CFM	1.1

SI-2051SG

Micro Grinder

- High speed die grinder with 3mm or 1/8" collet
- Low vibration and noise allows extended use
- Option : 1/8" Dia collet



Collet Size	ø3 , 1/8"
Free Speed r.p.m. (MAX)	50,000
Weight kg/(lb)	0.19/(0.43)
Noise Level dBA/(power)	71/(82)
Vibration a/k m/s ²	1.2/0.6
Avg.Air Consumption CFM	1.0

SHINANO INC. GRINDER LINEUP

Disc Grinder					
Disc Size	4 inch		5 inch		7 inch
Safety Lever Type	2500L	2501L	2515LA	2505L	2600L
Rotary Switch Type	2500	2501			

Cut Off Grinder	
3 inch	2033

Die Grinder					
Power	Normal Type				
	Low			High	
Without Grip cover	2001S	2011S	Angle Type		
			Light Duty	Heavy Duty	
With Grip cover	2002	2012	Extended Type		
	2010	2015A	Low Speed	High Speed	

GRINDERS ACCESSORIES																	
	1/4" Collet	6mm Collet	1/8" Collet	3mm Collet	Dead handle set	3"Cut Disc	4"Disc 15mm Hole	4"Disc 16mm Hole	Disc Nut for 16mm Hole	Disc Nut for 15mm Hole	5"Disc	7"Disc	30mm Grindstone	3mm Collet	1/8" Collet	ø5mm Grindstone (3mm)	ø5mm Grindstone (1/8")
SI-2001S	★	☆	☆	☆													
SI-2001S-6	☆	★	☆	☆													
SI-2002	★	☆	☆	☆													
SI-2002-6	☆	★	☆	☆													
SI-2011S	★	☆	☆	☆													
SI-2011S-6	☆	★	☆	☆													
SI-2012	★	☆	☆	☆													
SI-2012-6	☆	★	☆	☆													
SI-2015A	★	☆	☆	☆	☆												
SI-2015A-6	☆	★	☆	☆	☆												
SI-2010	★	☆	☆	☆													
SI-2010-6	☆	★	☆	☆													
SI-2005HD	★	☆	☆	☆													
SI-2005HD-6	☆	★	☆	☆													
SI-2006S	★	☆	☆	☆													
SI-2006S-6	☆	★	☆	☆													
SI-2033						★											
SI-2022S	★	☆	☆	☆													
SI-2022S-6	☆	★	☆	☆													
SI-2023	★	☆	☆	☆													
SI-2023-6	☆	★	☆	☆													
SI-2501L							☆	★	★	☆							
SI-2501							★	☆	☆	★							
SI-2500L							☆	★	★	☆							
SI-2500							★	☆	☆	★							
SI-2515LA											★						
SI-2505L											★						
SI-2600L												★					
SI-2050AG													★				
SI-2051SG														★	☆	★	☆

★ : Standard ☆ : Option



SI-5405-6

DRILLS / SPOT MILLS



DRILLS
SPOT MILLS

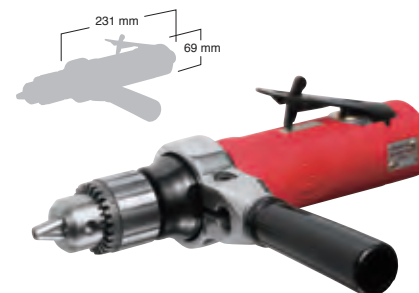


DRILLS / SPOT MILLS Drills

SI-2015AD

Drill

- 3/8" capacity geared straight grip drill
- Specially designed tool for use in narrow place



Free Speed r.p.m.	6,000
Chuck Size mm/(in.)	10/(3/8)
Spindle Size	3/8-24UNF
Drilling Cap mm/(in.)	6/(1/4)
Out Put Watt	457
Weight kg/(lb)	1.06/(2.34)
Noise Level dBA/ (power)	86/(97)
Vibration a/k m/s ²	2.6/0.7
Avg.Air Consumption CFM	4.2



DRILLS/SPOT MILLS

Drills

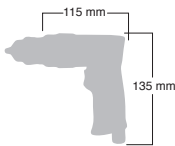
SI-5501

Drill

SI-5506

Reversible Drill

- Super light weight & compact design with solid composite body
- Based on two-layer molded rubber grip giving comfortable grip and reducing vibration
- 3/8" capacity geared pistol grip drill
- A swivel lever for regulator can be used with one hand allowing easy operation



	SI-5501	SI-5506
Free Speed r.p.m.	2,400	1,700
Chuck Size mm/(in.)	10/(3/8)	10/(3/8)
Spindle Size	3/8-24UNF	3/8-24UNF
Drilling Cap mm/(in.)	10/(3/8)	10/(3/8)
Out Put Watt	234	146
Weight kg/(lb)	0.60/(1.32)	0.60/(1.32)
Noise Level dBA/(power)	80/(91)	80/(91)
Vibration a/k m/s ²	2.6/0.7	1.9/0.6
Avg.Air Consumption CFM	2.2	2.4

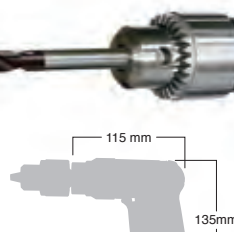
DRILLS/SPOT MILLS

Spot Mills

SI-5501S

Spot Mill

- The same quality features of SI-5501 with titanium coating spot cutter
- Adjusting the rotational speed is easy.It's at your fingertips
- A regulator lever can be used with one hand allowing easy operation
- High tensile strength steel can be cut smoothly



Free Speed r.p.m.	1,100-2,400
Chuck Size mm/(in.)	10/(3/8)
Endmill Size	φ 8.2
Milling Cap mm/(in.)	10/(3/8)
Out Put Watt	234
Weight kg/(lb)	0.6/(1.32)
Noise Level dBA/(power)	80/(91)
Vibration a/k m/s ²	3.9/0.8
Avg.Air Consumption CFM	2.2



SI-5405

Reversible Drill

- Triple idler planetary gearing for smooth operation and extended tool life.
- Body end mounted reverse lever for one hand directional changes.
- High quality 3/8" chuck.



Free Speed r.p.m.	1,500
Chuck Size mm/(in.)	10/(3/8)
Spindle Size	3/8-24UNF
Drilling Cap mm/(in.)	10/(3/8)
Out Put Watt	197
Weight kg/(lb)	1.08/(2.38)
Noise Level dBA/(power)	80/(91)
Vibration a/k m/s ²	2.9/0.9
Avg.Air Consumption CFM	2.4

SI-5405-6

Reversible Drill

- Side handle assures easy operation and prevent wrist from injuries.
- Double reduction mechanism for exceptional power.
- 1/2" capacity standard rated grill chuck.

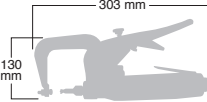


Free Speed r.p.m.	600
Chuck Size mm/(in.)	13/(1/2)
Spindle Size	3/8-24UNF
Drilling Cap mm/(in.)	13/(1/2)
Out Put Watt	186
Weight kg/(lb)	1.41/(3.10)
Noise Level dBA/(power)	82/(93)
Vibration a/k m/s ²	3.4/0.8
Avg.Air Consumption CFM	2.3

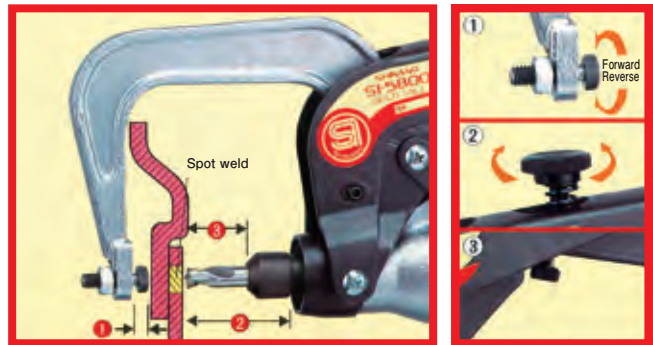
SI-5800

Spot Mill

- Specially designed to remove spot welds on body panels of motorcars. Work guide makes easy operation
- Easy to adjust depth of cut
- Special designed tool for spot welding separation
- With ø8mm Mill
- With sleeve for ø6.5mm Mill



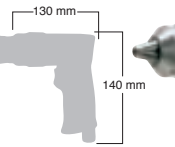
Free Speed r.p.m.	1,600
Chuck Size mm/(in.)	8/(5/8)
Endmill Size	ø8
Milling Cap mm/(in.)	8/(5/16)
Out Put Watt	197
Weight kg/(lb)	1.80/(3.96)
Noise Level dBA/(power)	82/(93)
Vibration m/s ²	<2.5
Avg.Air Consumption CFM	3.0



SI-5500

Drill

- 3/8" capacity geared pistol grip drill
- Light duty and reasonable price model
- Ergonomic,compact and lightweight design for easy operation



Free Speed r.p.m.	2,600	Weight kg/(lb)	0.79/(1.75)
Chuck Size mm/(in.)	10/(3/8)	Noise Level dBA/(power)	85/(96)
Spindle Size	3/8-24UNF	Vibration a/k m/s ²	2.8/0.7
Drilling Cap mm/(in.)	10/(3/8)	Avg.Air Consumption CFM	2.5
Out Put Watt	258		

SI-5505

Reversible Drill

- 3/8" capacity geared pistol grip drill with solid composite body
- Supplied with keyless chuck
- Solid composite body absorbs the vibration remarkably and also protects your hand in a cold environment
- Keyless chuck enable the quick change of drill bits



Free Speed r.p.m.	1,900	Weight kg/(lb)	0.75/(1.65)
Chuck Size mm/(in.)	10/(3/8)	Noise Level dBA/(power)	80/(91)
Drilling Cap mm/(in.)	10/(3/8)	Vibration a/k m/s ²	2.5/0.7
Out Put Watt	158	Avg.Air Consumption CFM	2.6

SI-5355

Drill

- 3/8" capacity geared angle head drill
- Designed to facilitate drilling in confined places

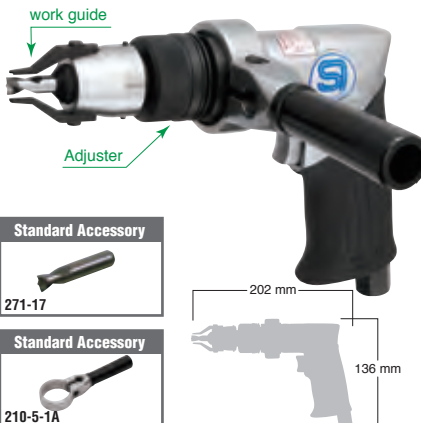


Free Speed r.p.m.	1,200	Weight kg/(lb)	0.94/(2.07)
Chuck Size mm/(in.)	10/(3/8)	Noise Level dBA/(power)	84/(95)
Spindle Size	3/8-24UNF	Vibration a/k m/s ²	3.2/0.8
Drilling Cap mm/(in.)	10/(3/8)	Avg.Air Consumption CFM	3.0
Out Put Watt	180		

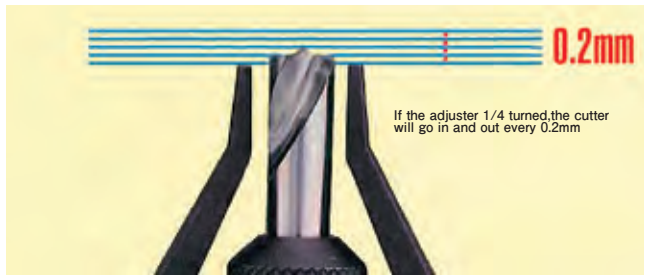
SI-5850

Spot Mill

- Specially designed to remove spot welds on body panel of motorcars
- Work guide makes easy operation
- Easy to adjust depth of cut
- Special designed tool for spot welding separation
- With ø8mm Mill



Free Speed r.p.m.	2,000
Chuck Size mm/(in.)	8/(5/8)
Endmill Size	ø8
Milling Cap mm/(in.)	8/(5/16)
Out Put Watt	390
Weight kg/(lb)	1.39/(3.06)
Noise Level dBA/(power)	83/(94)
Vibration m/s ²	<2.5
Avg.Air Consumption CFM	1.3



DRILLS / SPOT MILLS

DRILLS / SPOT MILLS ACCESSORIES	KD-004	LX10	LM13W	KD-003A	KD-002	KK	KG1	100	210-5-1A	271-17	119KDA-200
	 Chuck / Handle 3/8" Drill Chuck	 Keyless Chuck (Yukiwa) 3/8"	 Keyless Chuck (Yukiwa) 1/2"	 Chuck / Handle 1/2" Drill Chuck	 Chuck / Handle 3/8" Drill Chuck	 Chuck Handle for KD-004, & KD-003A	 Chuck Handle for KD-002	 Collet Driver	 Dead handle set	 ø8mm milling Cutter	 Spot Cutter 8.2ø×88mm
 SI-2015AD	★	☆				★			★		
 SI-5100A	★	☆				★					
 SI-5200A			☆	★		★			★		
 SI-5300A	★	☆				★					
 SI-5305A	★	☆				★		☆	☆		
 SI-5305-8A			☆	★		★			★		
 SI-5501		☆			★		★				
 SI-5506		☆			★		★				
 SI-5405	☆	★				☆		☆	☆		
 SI-5405-6			★	☆		☆			★		
 SI-5500		☆			★		★				
 SI-5505	☆	★				☆					
 SI-5355	★	☆				★					
 SI-5501S											★
 SI-5800										★	
 SI-5850									★	★	

★ : Standard ☆ : Option

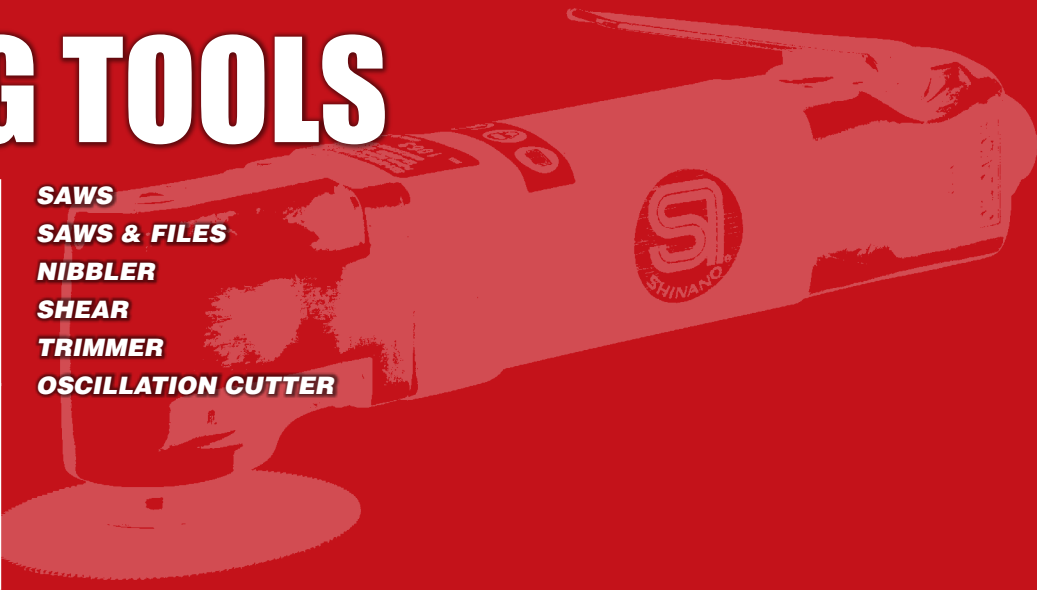


SI-4740

CUTTING TOOLS



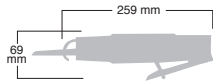
SAWS
SAWS & FILES
NIBBLER
SHEAR
TRIMMER
OSCILLATION CUTTER



SI-4700B

Saw

- This air saw is the most popular tool for cutting body panel of motorcars and one of longest selling models in the automotive repair market
- A popular tool at reasonable price



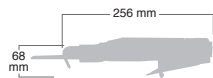
Cutting cap mm/(in.)	3/(1/8)
Stroke length mm	10
Free Speed s.p.m. ★	10,000
Weight kg/(lb)	0.58/(1.27)
Noise Level dBA/(power)	82/(93)
Vibration a/k m/s²	22.6/2.7
Avg.Air Consumption CFM	1.2

★s.p.m.(Stroke Per Minutes)

SI-4730

Saw

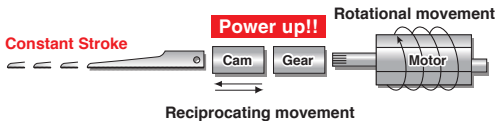
- Air saw & file with rotary motor
- SI-4700B & SI-4710 are worked by piston but this model has a rotary air motor and makes working strokes through the gears
- Smooth operation, low vibration and low noise
- Amazing non-stop cutting with extremely low use fatigue



File Shank Opening mm/(in.)	5/(3/16)
Cutting cap mm/(in.)	5/(3/16)
Stroke length mm	9
Free Speed s.p.m. ★	6,000
Out Put W	296
Weight kg/(lb)	0.92/(2.03)
Noise Level dBA/(power)	86/(97)
Vibration a/k m/s²	15.1/1.9
Avg.Air Consumption CFM	3.0

★s.p.m.(Stroke Per Minutes)

Nonstop rotary mechanism



rotary air motor



SI-4710

Saw & File

SI-4710F : Saw blade and 3files set

- Air saw & file
- An improved model over the SI-4700B
- You can use saw blades, as well as 3 different files with this tool
- Low vibration and high power



SI-4710 · SI-4710F



SI-4710F

SI-4710F : Saw Blade and 3files set



SI-4710F



SI-4710F



File Shank Opening mm/(in.)	5/(3/16)
Cutting cap mm/(in.)	3/(1/8)
Stroke length mm	10
Free Speed s.p.m. ★	10,000
Weight kg/(lb)	0.80/(1.76)
Noise Level dBA/(power)	85/(97)
Vibration a/k m/s²	21.0/1.5
Avg.Air Consumption CFM	1.0

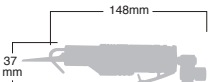
★s.p.m.(Stroke Per Minutes)

SI-4740

Saw & File

SI-4740F : Saw blade and 3files set

- World's smallest and lightest air saw
- Easy to use in tight place
- This model mechanism is same with the SI-4730. worked by rotary air motor and makes working strokes through the gears
- Only 5mm strokes and other parts are not damaged



SI-4740 · SI-4740F



SI-4740F

SI-4740F : Saw Blade and 3files set



SI-4740 · SI-4740F



SI-4740F



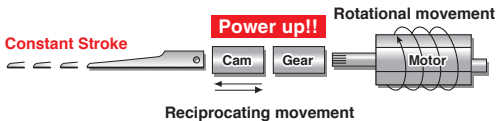
SI-4740F



File Shank Opening mm/(in.)	5/(3/16)
Cutting cap mm/(in.)	4/(5/32)
Stroke length mm	5
Free Speed s.p.m. ★	10,500
Out Put W	135
Weight kg/(lb)	0.52/(1.15)
Noise Level dBA/(power)	83/(94)
Vibration a/k m/s²	14.5/1.9
Avg.Air Consumption CFM	1.7

★s.p.m.(Stroke Per Minutes)

Nonstop rotary mechanism



SI-4740F

SI-4600

Nibbler

- Air nibbler for cutting sheet metal
- The use of a punch and die makes cutting metal quick
- Can be used to cut in a curved line



Standard Accessory



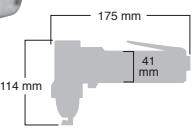
502-42

Standard Accessory



502-41

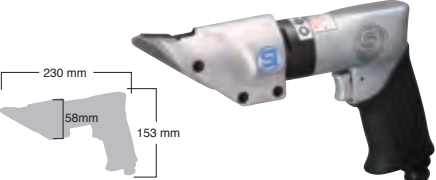
Cutting Width mm/(in.)	4.5/(3/16)	Weight kg/ (lb)	1.00/(2.20)
Cutting cap mm/(in.)	1.6/(1/16)	Noise Level dBA/ (power)	88/(99)
Free Speed r.p.m.	2,600	Vibration a/k m/s²	8.6/1.3
Out Put Watt	316	Avg.Air Consumption CFM	3.3



SI-4500

Shear

- Air shear
- 3 blades shear head makes smooth cutting work for sheet metal
- For speedy cutting of sheet metal



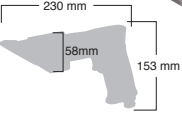
Standard Accessory

Blade Set



160-2 160-3 160-4

Cutting Width mm/(in.)	5.4/(7/32)	Weight kg/ (lb)	1.26/(2.79)
Cutting cap mm/(in.)	1.6/(1/16)	Noise Level dBA/ (power)	83/(94)
Free Speed r.p.m.	2,000	Vibration a/k m/s²	4.9/0.9
Out Put Watt	378	Avg.Air Consumption CFM	3.5



SI-2018A

SI-2018A-6 : 6mm Collet model

Trimmer

- Straight die grinder with work guide for trimming laminate
- Easy trimming work for woodwork products
- Designed for use in woodworking where a light weight, compact design is useful
- With 1/4" collet



Standard Accessory



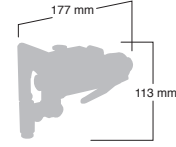
SI-2018A

Standard Accessory



SI-2018A-6

Collet Size	ø1/4"	ø6mm
Free Speed r.p.m.	22,000	22,000
Output Watt	381	381
Weight kg/ (lb)	0.91/(2.01)	0.91/(2.01)
Noise Level dBA/ (power)	87/(98)	87/(98)
Vibration m/s²	<2.5	<2.5
Avg.Air Consumption CFM	4.2	4.2



SI-4300

Oscillation Cutter

- Oscillation cutting tool specially designed to cut the body panels of motorcars
- Two different cutting blades are supplied with the tool
- Specially designed tool for car repair shop
- The depth of the cut can be adjusted



Standard Accessory



508-45B

Standard Accessory



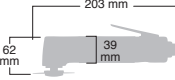
508-45A

Standard Accessory



508-44

Disc Size mm	ø63
Oscillating Angle	2.8°
Free Speed o.p.m. ★	20,000
Weight kg/ (lb)	0.89
Noise Level dBA/ (power)	88/(99)
Vibration a/k m/s²	4.8/0.9
Avg.Air Consumption CFM	3.2





508-45A & 508-44



6mmCUT
4mmCUT
2mmCUT

CUTTING TOOLS ACCESSORIES	506-49ASI	1025-49A	1025-50A	1026-49A	506P-56F	506P-56R	506P-56T	502-42	502-41	1026-50
	 Saw blade 32T	 Saw blade 32T	 Saw blade 24T	 Saw blade 32T	 Flat File	 Round File	 Triangle File	 Punch	 Die	 Swivel Regulator Male 1/8" Female 1/4"
 SI-4700B	★	☆	☆							
 SI-4730		★	☆		☆	☆	☆			
 SI-4710	★	☆	☆		☆	☆	☆			
 SI-4710F	★	☆	☆		★	★	★			
 SI-4740				★	☆	☆	☆			★
 SI-4740F				★	★	★	★			★
 SI-4600								★	★	
CUTTING TOOLS ACCESSORIES	160-2	160-3	160-4	508-45A	508-45B	508-44	330-24	330-19	330-25	330-26
	 Center Blade	 Right Blade	 Left Blade	 Cutting Wheel	 Cutting Blade	 Adjuster	 1/4" Collet	 6mm Collet	 1/8" Collet	 3mm Collet
 SI-4500	★	★	★							
 SI-2018A							★	☆	☆	☆
 SI-2018A-6							☆	★	☆	☆
 SI-4300				★	★	★				

★ : Standard ☆ : Option



SI-4600



SI-4500



OTHERS



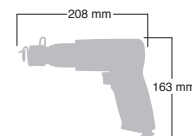
**AIR HAMMER
NEEDLE SCALERS
HYDRO PUNCHER**

OTHERS Air Hammer

SI-4120A

Air Hammer

- Pistol grip air hammer for 10.2mm diameter chisels (.401" shank)
- Many kinds of the chisels are available as accessories
- High speed piston power of 2,600 times per min
- Powerful piston enable the tool to cope with many kinds of work



Shank Size in./ (mm)	.401/ (10.2)
Stroke length mm	Max 10
Free Blow Speed s.p.m.	2,600
Weight kg/ (lb)	1.60/ (3.52)
Noise Level dBA/ (power)	104/ (116)
Vibration m/s ²	9.0
Avg. Air Consumption CFM	3.0

AIR HAMMER ACCESSORIES

Special Accessories .401 Shank CHISELS

All products are made in Japan.

No.801		TIE ROD TOOL	No.813		RIVET CUTTER
No.802		TAIL PIPE CUTTER	No.814		BLANK CHISEL
No.803		FORK 21/23" OPENING	No.815		SPOT WELD BREAKER
No.803J		FORK 15/16" OPENING	No.816		SHEET METAL B
No.804		BUSHING REMOVER	No.817		BUSHING DRIVER
No.805		SCRAPER	No.818		FLAT BEND
No.806		BUSHING SPLITTER	No.819		SHEET METAL PUNCH
No.807		SHEET METAL A	No.820		PANEL CLIPPER
No.808		MUFFER CUTTER	No.821		SMOOTHING HAMMER
No.809		DOUBLE EDGE PANEL CUTTER	No.822		STRAIGHT PUNCH
No.810		FLAT 7" LONG	No.823		PAINT SCRAPER
No.811		FLAT 9" LONG	No.824		SHOCK ABSORBER CHISEL
No.812		TAPER PUNCH	No.825		MOIL POINT

IMPACT
WRENCHES

DRIVERS

RATCHET
WRENCHES

SANDERS

POLISHERS

GRINDERS

SPOTMILLS

CUTTING TOOLS

OTHERS

INDUSTRIAL
TOOLS

SOUND &
VIBRATION

MAINTENANCE
CHECK

QUALITY

SI-4160

Needle Scaler

- The same quality features of SI-4150.
- The pistol type is good for holding.
- Ergonomic design and rubber grip giving protects your hand from the cold.

355 mm

57 mm

172 mm

80 mm

Attachment Included

820-11

Soft touch grip with twin molding

Stroke length mm	Max 4.5
Free Blow Speed s.p.m.	3,300
Weight kg/ (lb)	2.19/(4.83)
Noise Level dBA/ (power)	95/(108)
Vibration m/s²	14.1
Avg.Air Consumption CFM	1.4

SI-4150

Needle Scaler

- Straight grip needle scaler for removing rust or old paint. It provides very good working on uneven or rough surface
- Resign grip for a soft feeling to the hand and improved comfort in winter or cold climate regions
- Mechanism actuated by air power only, not using springs reduces reaction time and improves the smooth actuation
- Simple mechanism provides easy maintenance and needle replacement

333 mm

52 mm

68 mm

80 mm

Attachment Included

820-11

Stroke length mm	Max 4.5
Free Blow Speed s.p.m.	3,500
Weight kg/ (lb)	2.06/(4.53)
Noise Level dBA/ (power)	97/(107)
Vibration m/s²	13.0
Avg.Air Consumption CFM	1.3

SI-4800

Hydro Puncher

- Punching and flanging tool is useful for panel beating work
- Best tool for welding work of car body

226 mm

52 mm

94 mm

57 mm

Punching cap	ø5 x 1.2mm
Cutting cap mm/(in.)	1.2/(3/64)
Weight kg/ (lb)	1.01/(2.23)
Vibration m/s²	<2.5
Avg.Air Consumption CFM	1.3

OTHERS ACCESSORIES	400-8		820-11	
	Retaining Spring		12Needles / product Needle ø3×180mm	
	SI-4120A	★		
	SI-4150		★	
	SI-4160		★	

★ : Standard ☆ : Option

for Building industry

for Airplane industry

for Bridge industry

for Shipbuilding industry

for Welding operation

Exhaust Hose

TYPE-A

Ref. No.	Parts No.	Description	Q' ty
1	106-10	Harness Band	1
2	106-5	Exhaust Cover A	1
3	106-6	Connector	1
4	106-1	Urethane Band	1
5	106-3	Wipe Hose	1
6	106-2	Exhaust Hose	1
NO.1~6	106-A	Wipe Hose A Assy	1

TYPE-B

Ref. No.	Parts No.	Description	Q' ty
1	106-10	Harness Band	1
2	106-7	Exhaust Cover B	1
3	106-6	Connector	1
4	106-1	Urethane Band	1
5	106-3	Wipe Hose	1
6	106-2	Exhaust Hose	1
NO.1~6	106-B	Wipe Hose B Assy	1

TYPE-D

Ref. No.	Parts No.	Description	Q' ty
1	106-1	Urethane Band	1
2	106-3	Wipe Hose	1
3	106-2	Exhaust Hose	1
NO.1~3	106-D	Wipe Hose D Assy	1

TYPE-S

Ref. No.	Parts No.	Description	Q' ty
1	106-8	Urethane Band S	1
2	106-3	Wipe Hose	1
3	106-9	Exhaust Hose S	1
NO.1~3	106-S	Wipe Hose S Assy	1



IMPACT WRENCHES

No.	VIBRATION LEVEL			Sound pressure	Sound power
	ISO8662	a	K		
	ISO8662	ISO 28927		ISO 15744	
SI-1310S	<2.5	4.8	0.9	86	97
SI-1315S	<2.5	4.9	1.0	86	97
SI-1355	3.1	3.3	0.8	80	91
SI-1365	3.3	8.3	1.3	91	102
SI-1305	7.4	3.8	0.8	91	102
SI-1650AH	9.4	18.1	2.2	91	102
SI-1420T	3.2	7.3	1.2	91	102
SI-1422T	3.8	8.2	1.3	92	103
SI-1357	11.3	7.6	1.2	92	103
SI-1457	11.3	9.1	1.4	92	103
SI-1605	4.0	11.8	1.6	94	105
SI-1605SR	4.0	11.8	1.6	94	105
SI-1610	4.0	7.7	1.2	93	104
SI-1610SR	4.0	8.6	1.3	94	105
SI-1490A	4.8	11.4	1.6	94	105
SI-1490ASR	4.8	11.4	1.6	94	105
SI-1492A	5.8	13.9	1.8	94	105
SI-1492ASR	5.8	13.9	1.8	94	105
SI-1550	9.1	11.2	1.6	92	103
SI-1550SR	9.1	11.2	1.6	92	103
SI-1556	9.1	11.1	1.5	93	104
SI-1556SR	9.1	11.1	1.5	93	104
SI-1860	8.9	8.8	1.3	94	105
SI-1866	8.9	8.3	1.3	95	106
SI-1870	9.1	9.3	1.4	94	105
SI-1876	9.1	12.1	1.7	94	105
SI-1878	9.1	11.1	1.5	94	105
SI-1880	8.7	8.3	1.3	92	103
SI-1888	8.7	9.8	1.4	92	103
SI-1900	9.3	-	-	107	116

DRIVERS

No.	VIBRATION LEVEL			Sound pressure	Sound power
	ISO8662	a	K		
	ISO8662	ISO 28927		ISO 15744	
SI-1052	4.1	9.3	1.4	90	101
SI-1060	4.0	10.8	2.8	89	100
SI-1062	4.0	9.8	1.4	87	98
SI-1065	5.0	6.9	2.0	88	99
SI-1070	<2.5	6.4	2.1	83	94
SI-1356D	3.3	6.6	1.1	87	98
SI-1365D	3.3	7.6	2.6	84	95
SI-1140	4.5	0.2	0.5	80	91
SI-1161	<2.5	0.3	0.5	85	96
SI-1166A	<2.5	0.4	0.5	88	99
SI-1166-8A	<2.5	1.0	0.6	91	102
SI-1170	4.0	0.8	0.5	85	96

RATCHET WRENCHES

No.	VIBRATION LEVEL			Sound pressure	Sound power
		a	K		
	ISO8662	ISO 28927		ISO 15744	
SI-1107B	<2.5	6.1	1.1	77	88
SI-1108B	<2.5	6.4	1.1	77	88
SI-1200B	3.5	3.6	0.8	82	93
SI-1205B	3.5	5.7	1.0	82	93
SI-1207	3.5	4.0	0.9	84	95
SI-1208	3.5	4.5	0.9	88	99
SI-1251	3.5	4.0	0.8	75	86
SI-1252	3.5	3.9	0.8	75	86
SI-1261	7.0	5.1	1.0	84	95
SI-1261S	7.0	5.1	1.0	84	95
SI-1262	7.0	5.0	1.0	84	95
SI-1262S	7.0	5.0	1.0	84	95
SI-1320A	7.6	6.3	1.1	89	100
SI-1325A	8.6	6.3	1.1	89	100
SI-1241A	7.6	11.3	1.6	83	94
SI-1340B	7.6	4.2	0.9	82	93
SI-1345B	7.6	4.1	0.9	82	93
SI-1435	9.7	5.4	1.0	93	104
SI-1288	6.3	6.8	1.1	84	95



POLISHERS

No.	VIBRATION LEVEL			Sound pressure	Sound power
		a	K		
	ISO8662	ISO 28927		ISO 15744	
SI-2415	<2.5	13.1	5.6	86	97
SI-3100P	5.3	6.7	3.1	75	86
SI-2221	<2.5	1.4	0.6	83	94
SI-2224S	<2.5	1.6	0.6	83	94
SI-2009	<2.5	1.1	0.6	77	88
SI-2009H	<2.5	2.3	0.7	77	88
SI-2400	<2.5	1.8	0.6	83	94
SI-2405	<2.5	1.8	1.0	84	95
SI-2451	<2.5	2.2	0.7	83	94

GRINDERS

No.	VIBRATION LEVEL			Sound pressure	Sound power
		a	K		
	ISO8662	ISO 28927		ISO 15744	
SI-2001S	<2.5	3.4	0.8	84	95
SI-2002	<2.5	2.3	0.7	84	95
SI-2011S	<2.5	6.5	1.1	87	98
SI-2012	<2.5	3.9	1.3	87	98
SI-2015A	<2.5	4.9	0.9	88	99
SI-2010	<2.5	5.9	1.0	83	94
SI-2005HD	-	7.3	1.2	81	92
SI-2006S	3.9	7.4	1.6	83	94
SI-2033	<2.5	7.5	2.4	89	100
SI-2022S	<2.5	4.1	0.9	89	100
SI-2023	<2.5	4.0	0.9	90	101
SI-2501L	5.7	9.6	3.1	81	92
SI-2501	5.7	8.4	2.8	82	93
SI-2500L	2.9	9.9	3.2	80	91
SI-2500	2.9	7.6	2.5	84	95
SI-2515LA	2.9	11.0	3.6	85	96
SI-2505L	2.8	5.8	1.9	82	93
SI-2600L	<2.5	4.0	1.3	97	108
SI-2050AG	<2.5	0.9	0.3	71	82
SI-2051SG	<2.5	1.2	0.6	71	82

DRILLS

No.	VIBRATION LEVEL			Sound pressure	Sound power
		a	K		
	ISO8662	ISO 28927		ISO 15744	
SI-2015AD	<2.5	2.6	0.7	86	97
SI-5100A	<2.5	3.4	0.8	84	95
SI-5200A	<2.5	3.0	1.0	82	93
SI-5300A	<2.5	2.0	0.7	84	95
SI-5305A	<2.5	4.7	0.9	90	101
SI-5305-8A	<2.5	6.0	1.6	91	102
SI-5501	<2.5	2.6	0.7	80	91
SI-5506	<2.5	1.9	0.6	80	91
SI-5405	<2.5	2.9	0.9	80	91
SI-5405-6	<4.0	3.4	0.8	82	93
SI-5500	<2.5	2.8	0.7	85	96
SI-5505	<2.5	2.5	0.7	80	91
SI-5355	<2.5	3.2	0.8	84	95
SI-5501S	-	3.9	0.8	80	91
SI-5800	<2.5	-	-	82	93
SI-5850	<2.5	-	-	83	94

VIBRATION LEVELS

The vibration test has been carried out in accordance with standard ISO28927 or standard EN60745 for power tools. a gives the vibration value (m/s²) and K the measurement uncertainty (m/s²) They represent the values, as measured in the lab, taken from 3 axes and closest to real conditions, rather than the data obtained on one axis as was the case under the previous standard ISO8662.

SOUND LEVELS

The noise test carried in accordance with BS EN ISO15744:2008 and BS EN ISO11203:2009

The test is performed outdoors over a reflecting plane and there are no reflecting obstacle within a distance larger than 6m from the tool to the obstacle in each direction.

SANDERS

No.	VIBRATION LEVEL			Sound pressure	Sound power
		a	K		
	ISO8662	ISO 28927		ISO 15744	
SI-2740	<2.5	1.0	0.6	85	96
SI-2700	<2.5	2.2	0.7	86	99
SI-2700L	<2.5	2.5	0.7	83	94
SI-2700LS	<2.5	1.6	0.6	84	95
SI-2800	<2.5	3.0	0.8	84	95
SI-2830	<2.5	1.6	0.6	86	97
SI-3121-6	-	13.4	1.8	81	92
SI-3121	-	12.8	1.7	81	92
SI-3101	<2.5	14.4	1.9	84	95
SI-3101-6	<2.5	10.4	2.3	84	95
SI-3111	<2.5	10.2	1.5	88	99
SI-3111-6	<2.5	11.7	1.6	88	99
SI-3103A	<2.5	10.6	1.5	80	91
SI-3103-6A	<2.5	11.5	1.6	80	91
SI-3113A	<2.5	13.6	1.8	83	94
SI-3113-6A	<2.5	13.2	2.9	83	94
SI-3105A	2.7	17.3	2.3	87	98
SI-3105-6A	2.7	16.2	2.1	88	99
SI-3118A	<2.5	9.0	1.4	81	92
SI-3118-6A	<2.5	10.1	1.5	81	92
SI-3100	4.2	10.2	1.5	75	86
SI-3103B	5.5	15.6	2.0	87	98
SI-3115R	<2.5	11.2	1.6	86	97
SI-3115R-6	<2.5	9.7	2.9	86	97
SI-3102M	<2.5	7.4	1.2	85	96
SI-3112M	<2.5	6.6	1.1	92	103
SI-3001A	<2.5	6.2	1.1	82	93
SI-3011A	<2.5	7.4	1.5	83	94
SI-3003A	<2.5	6.9	1.1	75	86
SI-3013	<2.5	4.6	0.9	88	99
SI-3005	<2.5	21.1	2.8	88	99
SI-3007	<2.5	27.5	3.2	86	97
SI-3018A	<2.5	10.2	1.5	83	94
SI-3003B	<2.5	4.6	0.9	88	99
SI-2026	<2.5	3.4	0.8	88	99
SI-2351	<2.5	4.9	0.9	80	91
SI-2008	<2.5	4.0	0.9	83	94
SI-2107A	<2.5	3.8	0.9	85	96
SI-2108	<2.5	18.5	2.3	85	96
SI-2210	<2.5	3.8	1.0	91	102
SI-2201-2	<2.5	2.2	0.7	82	93
SI-2202-2	<2.5	2.3	0.7	82	93
SI-2110	<2.5	9.5	2.1	82	93
SI-2300	<2.5	1.4	0.6	82	93
SI-3200A	<2.5	9.6	2.2	83	94
SI-2322WR-LE	<2.5	1.7	0.6	88	99
SI-3310	<2.5	10.2	2.1	83	94



CUTTING TOOLS

No.	VIBRATION LEVEL			Sound pressure		Sound power	
		a	K				
	ISO8662	ISO 28927		ISO 15744			
SI-4700B	8.0	22.6	2.7	82	93		
SI-4730	8.0	15.1	1.9	86	97		
SI-4710	7.9	21.0	1.5	85	97		
SI-4740	8.4	14.5	1.9	83	94		
SI-4600	<2.5	8.6	1.3	88	99		
SI-4500	4.0	4.9	0.9	83	94		
SI-2018A	<2.5	-	-	87	98		
SI-4300	4.0	4.8	0.9	88	99		

OTHERS

No.	VIBRATION LEVEL			Sound pressure	Sound power
	ISO8662	a	K		
	ISO8662	ISO 28927		ISO 15744	
SI-4120A	9.0	-	-	104	116
SI-4160	14.1	-	-	95	108
SI-4150	13.0	-	-	97	107
SI-4800	<2.5	-	-	-	-



AIR TOOLS

In order to have a tool safely used with enough performance, please read the following contents well, understand them and use tools.

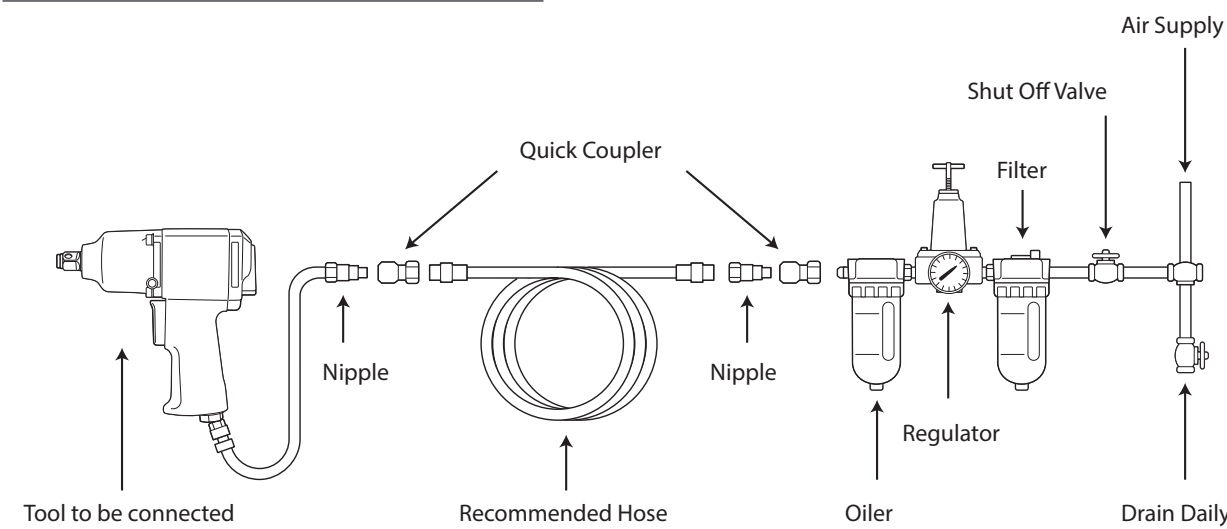
WORK STATIONS

The tool should only be use as a handheld tool. It is always recommended that the tool is used when standing on a solid floor. It can be used in other positions, but before any such use the operator must be in a secure position having a firm grip and be aware of the extra safety precaution required when using this kind of tools.

AIR SUPPLY

Use a clean lubricated air supply that will give a measured air pressure at the tools of 0.63Mpa(6.3 bar/90PSI) when the tool is running with the trigger depressed. Use recommended hose size and length. It is recommended that the tool is connected to the air supply as shown in the figure. Don't connect the tool to the airline system without incorporating an easy to reach and operate air shut off valve. The air filter, regulator and lubricated air at the correct pressure to the tool. Details of such equipment can be obtained from your supplier. If such equipment is not used then the tool should be lubricated by operator before/after using the tool. Disconnect the airline and pour into the inlet bushing 5ml of the suitable pneumatic oil preferably incorporating a rust inhibitor. Reconnect tool to air supply and run tool slowly for a few seconds to allow air to circulate the oil.

DESCRIPTION	
Pressure at the working	0.63MPa (90PSI 6.3bar)
Max Hose Length	10m (30ft)
Lubrication	Daily Lubricating oil



Planning And Development

For Coustomer's Satisfaction

In our products planning meetings our proffetional staff analyzes data from pertinent industries.

We discuss product concepts, target markets, sales prices, designs, functions, specifications and timing of introductions.



Designing

For Highest Perfection

In designing, we carefully study the properties of each part.

We examinethe matings of each component in an assembled motor, and test the strength.

Our designers always aim for perfection in their designs which may eliminate inspections of product.

Our designs are based on ergonomics."SI"collects data and tests experiments for safety, health and higher productivity.



Production

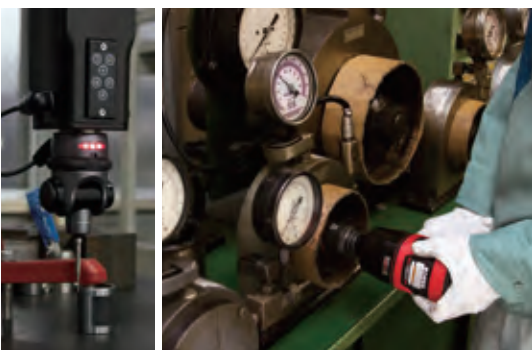
More Accurate, Rapid And Efficient

We are innovating our production lines to assist all autmatic robotics in manufacturing products more accurately, rapidly and effectively.

We believe that it is important to combine arobot hand at high productivity with the management of the human mind, in order to sell quality products at an affordable price.



Inspection



To Certify The Quality

There is no need to inspect the function of each product because they have been carefully checked to produce perfection by design.

Our inspection of parts and products is not for defect detection, but to insure that the product meets the required quality and durability standard.

Our inspetor's day-by-day studies assure you of higher quality of our products.