SP AIR CORPORATION
MADE IN JAPAN

to the total total





This must be read and understood by operating personnel and safety manager.

Protection to operating personnel, as well as adjacent areas, shall be maintained and inspect tools in accordance with any applicable safety codes and regulations at all times.

Stop using tools when tool produces unusual sound, repair immediately.



### A complete range of high quality automotive, industrial and general service pneumatic tools manufactured in Japan for professionals.

Specifications subject to change without notice.

Performance figures are at 90 psi pressure with 3/8"ID 2m long air hose IMPACT WRENCH:

Torque figures developed on Skidmore-Wilhelm torque-tension tester at 90psi air pressure.

Working torque figures are after 5 seconds of impacting.

Maximum torque figures are after 15 seconds impacting.

SP AIR tools satisfy the requirements of EC Machine Directive (2006/42/EC).

- Measurements according to ISO-2787.
- Noise levels according to ISO-15744.
- Vibration levels according to ISO-8662, ISO-28927.

## Warranty Policy

SP AIR Corporation offers a limited warranty against defects on all products. Basic warranty coverage is as follows:

Limited Warranty - All Products One (1) Year from Date of Purchase. Warranty Procedure: Defective products within warranty will be replaced or repaired, and are <u>not</u> to be destroyed in the field.

• Faulty products in Warranty are to be returned to SP AIR Corporation customer service center address at right.

• The product will not be warranty protected unless you provide proof of purchase.

### SP AIR USA, Inc.

1571 Westbelt Drive Columbus, OH 43228 Toll Free : 855-438-5313 TEL : 614-529-6600 FAX : 614-529-6700 E-Mail : sales@spairusa.com

### ſ

	Model	Page
SP-1764HD	1/4" Mini Impact Ratchet Wrench	3
SP-1765HD	3/8" Mini Impact Ratchet Wrench	3
SP-7260RP	1/4" The Perfect Impact Ratchet	4
SP-7265RP	3/8" The Perfect Impact Ratchet	4
SP-7730	3/8" Reaction Free High Speed Impact Ratchet	5
SP-7250H	Low Profile Hex Bit Driver	6
SP-7260	1/4" Sealed Flat Head Mini Ratchet	7
SP-7265	3/8" Sealed Flat Head Mini Ratchet	7
SP-7265W	3/8" Wobble Anvil Sealed Flat Head Mini Ratchet	7
SP-7770	1/4" Rotational Head Ratchet Wrench	8
SP-7772	3/8" Rotational Head Ratchet Wrench	8
SP-7786	3/8" Heavy-Duty Sealed Flat Head Ratchet Wrench	9
SP-7787	1/2" Heavy-Duty Sealed Flat Head Ratchet Wrench	9
SP-7780	3/8" Heavy-Duty Sealed Flat Head Ratchet Wrench [Short Version]	10
SP-7144	1/2" Composite Impact Wrench	11
SP-1140EX	1/2" Heavy-Duty Impact Wrench	12
SP-1140EXL	1/2" Heavy-Duty Impact Wrench [2"Extend Anvil]	12
SP-7146EX	1/2" Composite Mini Impact Wrench	13
SP-7146EXS	3/8" Composite Mini Impact Wrench	13
SP-7825	3/8" Composite Mini Impact Wrench	14
SP-7825S	1/4" Composite Mini Impact Wrench	14
SP-1850	3/8" Palm Impact Wrench	15
SP-1850S	1/4" Palm Impact Wrench	15
SP-7150-V8 SP-1158	3/4" Composite Impact Wrench 3/4" Impact Wrench	16 16
SP-1193GE-6	1" Impact Wrench	17
SP-11930E-0	1" Impact Wrench	17
SP-7610	Recipro Saw [Gear Type]	18
SP-7231	3" Flex Head Cut-Off Tool	19
SP-7231R	3" Reversible Flex Head Cut-Off Tool	20
7231AWC	Adjustable Wheel Cover	21
SP-7234	4" Extended Reach Cut Off Tool	22
SP-1900	1/8" Micro Grinder	22
SP-7220	1/4" Heavy-Duty Straight Die Grinder	23
SP-7211	1/4" Heavy-Duty 90 degree Angle Head Die Grinder	23
SP-7212	1/4" Heavy-Duty 120 degree Angle Head Die Grinder	23
SP-7230	3" Cut-Off Tool	23
SP-4BS	Carbide Burr 4pc Set for Ferrous Materials	24
SP-4NF	Carbide Burr 4pc Set for Aluminum / Non-Ferrous Materials	24
SP-7252F	Air Mini Beveler	25
SP-1370A	3/8"&1/2"x13" Belt Sander	26
SP-1380	3/4"x20-1/2" Belt Sander	26
SP-1350	5" High Speed Sander	27
SP-7201DA	2" Mini D/A Sander	27
SP-7500AHM	3" Mini Polisher	27
SP-7527	1/2" Composite Air Drill	28
SP-7527KL	1/2" Composite Air Drill [Keyless Chuck]	28
SP-1460	Needle Scaler [Small]	29
SP-1470	Needle Scaler [Large]	29
SP-7825HU	1/4" Hex. Composite Impact Driver	30
SP-7146HX	1/4" Hex. Composite Impact Driver	30
SP-8102BU	1/4" Hex. Impact Driver	30

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	764HD 765HD		R FAST MINI IMF R FAST MINI IMF	
SUR	<b>BRAS</b>	7	Built-in Pow	er Regulator
			A SP	
		IECHANISM		
- CC	[PATENTE Single Dog	ED]	Scan to wate	ch Demo Video
High Speed	55ft-lbs. High Torque	Reaction Free	700700	
Model No.	Sq.Drive Bo	olt Capacity	Max. Torque	Free Speed
SP-1764HD	1/4"	5/16"	55 ft-lbs.	700 rpm
SP-1765HD	3/8"	3/8"	55 ft-lbs.	700 rpm
	Overall Length	Contraction of the second	Weight	Sound Level
SP-1764HD	6.9"		4 lbs.	84.4 dB
SP-1765HD	6.9"	1.	4 lbs.	84.4 dB
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SP-7	<b>260</b>	P 1/4" THE	PERFECT IMPA	CT RATCHET
SP-7	<b>/265</b> R	<b>P</b> 3/8" THE	PERFECT IMPA	CT RATCHET
[PAT Seale	LED FLAT RA TENTED] d Flat Head For L			
	Single	IMPACT MEC [PATENTED]	HANISM	Built-in Power Regulator
High Spee	45ft-lbs.		Demo	to watch Video
Model No.	Sq.Drive	Bolt Capacity	Max. Torque	Free Speed
SP-7260RP SP-7265RP	1/4" 3/8"	5/16" 3/8"	45 ft-lbs. 45 ft-lbs.	600 rpm 600 rpm
01-720JNF	Overall Leng		Weight	Sound Level
SP-7260RP SP-7265RP	7.5" 7.5"	1	.6 lbs. .6 lbs.	88.1 dB 88.1 dB







### **SP-7770** 1/4" ROTATIONAL HEAD RATCHET WRENCH SP-7772 3/8" ROTATIONAL HEAD RATCHET WRENCH mini **Built-in Air Regulator Lock Lever Reverse Lever Swivel Air Inlet** and **Rear Air Exhaust Ball Type Socket Retainer** To adjust head, slide the ring forward and turn the ratchet housing. <PATENT PENDING> 1 (2) 3 Model No. Sq.Drive **Bolt Capacity** Max. Torque **Free Speed** 1/4" SP-7770 5/16" 25 ft-lbs. 220 rpm 3/8" 3/8" 25 ft-lbs. 220 rpm SP-7772 **Overall Length** Sound Level **Net Weight** 7.9" SP-7770 1.3 lbs. 82 dB SP-7772 7.9" 1.3 lbs. 82 dB



## **SP-7780**

• One-handed operation.

Sealed head design promotes longevity of the tool by preventing ingress of dirt and debris.

Shift-on-the-fly directional lever allows one-handed operation.



### IPATENTEDI SEALED FLAT RATCHET MECHANISM





3/8" HEAVY-DUTY SEALED FLAT HEAD

**RATCHET WRENCH [SHORT VERSION]** 

SD

## **Sealed Flat Head for Long Life**





Model No.	Sq.Drive	Bolt Capacity	Max. Torque	Free Speed
SP-7780	3/8"	3/8"	80 ft-lbs.	200 rpm
11	Overall Lei	ngth Ne	t Weight	Sound Level
SP-7780	9.75"	3	.5 lbs.	82.6 dB

## **SP-7144** 1/2" COMPOSITE IMPACT WRENCH

Composite body greatly reduces weight to allow longer, fatigue free, operation when compared to heavier models with comparable torque and speed specifications.



**Twin Dog Clutch** 



Forward / Reverse for one hand operation.



Air Regulator 4 torque setting and full power reverse.

Model No.	Sq.Drive	Bolt Capacity	Max. Torque	Free Speed
00 7144	1/01	E /01	(F) 750 ft-lbs.	(F) 5,700 rpm
SP-7144	1/2"	5/8"	(R) 800 ft-lbs.	(R) 6,500 rpm
	Overall Leng	gth I	Net Weight	Sound Level
SP-7144	6.1"		4 lbs.	93.1 dB
				Carlos and the Carlos Alexandre

# SP-1140EX1/2" HEAVY DUTY IMPACT WRENCHSP-1140EXL1/2" HEAVY DUTY IMPACT WRENCH<br/>2" EXTEND ANVIL

### **Reverse Button**



**Twin Dog Clutch** 

Ideal choice for heavy automotive and truck work such as tire changing, shock and spring work, farm, body shop, front end work and anywhere else an extra powerful tool is needed.

### Features

Twin dog clutch provides more power and smooth balanced blows.

Produced 800ft-lbs. of bolt removing torque.

Visual forward regulator with 4 torque settings and one full power reverse setting.

Model No.	Sq.Drive	Bolt Capacity	Max. Torque	Free Speed	1
SP-1140EX	1/2"	5/8"	800 ft-lbs.	6,000 rpm	
SP-1140EXL	1/2"	5/8"	800 ft-lbs.	6,000 rpm	
1010	Overall Le	ngth Net	t Weight	Sound Level	2
SP-1140EX	7.5"	5	5.7 lbs.	88.8 dB	
SP-1140EXL	9.5"	6	6.6 lbs.	88.8 dB	
					_

## 1/2" COMPOSITE MINI IMPACT WRENCH

## 3/8" COMPOSITE MINI IMPACT WRENCH



**SP-7146EX** 

**SP-7146EXS** 

Utralght

## **Twin Dog Clutch**

Compart with superb power



Forward / Reverse for one hand operation.



Air Regulator 4 torque setting.

Model No.	Sq.Drive	<b>Bolt Capacity</b>	Max. Torque	Free Speed
SP-7146EX	1/2"	5/8"	440 ft-lbs.	10,000 rpm
SP-7146EXS	3/8"	1/2"	380 ft-lbs.	10,000 rpm
64.	Overall Leng	th I	Net Weight	Sound Level
SP-7146EX	5.2"		2.1 lbs.	93.1 dB
SP-7146EXS	5.2"		2.1 lbs.	93.1 dB

## 3/8" COMPOSITE MINI IMPACT WRENCH 1/4" COMPOSITE MINI IMPACT WRENCH



**SP-7825** 

**SP-7825S** 

Utralght

## **Double Hammer Clutch**







Air Regulator 4 torque setting.

Model No.	Sq.Drive	Bolt Capacity	Max. Torque	Free Speed	
SP-7825	3/8"	3/8"	94 ft-lbs.	17,000 rpm	
SP-7825S	1/4"	3/8"	94 ft-lbs.	17,000 rpm	
S. A.	Overall Leng	th Net	Weight	Sound Level	
SP-7825	4.3"	1	.5 lbs.	84.2 dB	
SP-7825S	4.3"	1	.5 lbs.	84.2 dB	-

### 3/8" PALM IMPACT WRENCH **SP-1850S** 1/4" PALM IMPACT WRENCH

**Butterfly Throttle Lever** 

Swivel inlet allows use in tight spaces.



**SP-1850** 



**Double Hammer Clutch** 



## **Air Regulator** 4 torque settings.



## **Palm Size**

Model No.	Sq.Drive	Bolt Capacity	Max. Torque	Free Speed
SP-1850	3/8"	3/8"	72 ft-lbs.	10,000 rpm
SP-1850S	1/4"	3/8"	72 ft-lbs.	10,000 rpm
	<b>Overall Leng</b>	th Ne	t Weight	Sound Level
SP-1850	5.4"		.0 lbs.	87.4 dB
SP-1850S	5.4"	1	.0 lbs.	87.4 dB

## SP-7150-V8 3/4" COMPOSITE IMPACT WRENCH

SP. SP.7150-V8



### **Twin Dog Clutch**







**Air Regulator** Forward, Reverse button with 4 torque setting.

Eight vane motor delivers hard-hitting torque of more than 1,000 ft-lbs while housed in a composite housing weighing less than 8 lbs.

## **SP-1158** 3/4" IMPACT WRENCH



**Single Dog Clutch** 



**Air Regulator** Forward, Reverse button with 5 torque setting.

Model No.	Sq.Drive	Bolt Capacity	Max. Torque	Free Speed	
SP-7150-V8	3/4"	1"	1,100 ft-lbs.	4,300 rpm	0
SP-1158	3/4"	1"	1,200 ft-lbs.	5,500 rpm	
	Overall Leng	gth Ne	t Weight	Sound Level	3
SP-7150-V8	9.3"	and the states of the	7.9 lbs.	94.9 dB	
SP-1158	8.7"	12	2.0 lbs.	93.5 dB	

## SP-1193GE-6 1" IMPACT WRENCH



**Pinless Hammer Clutch** 



**Air Regulator** Forward, Reverse torque setting.

## SP-1194DX-6 1" IMPACT WRENCH

SI2





Twin dog clutch assembly operates within an oil bath to provide long life and reduced noise.



**Air Regulator** 4 torque setting.

	Model No.	Sq.Drive	Bolt Capacity	Max. Torque	Free Speed	
	SP-1193GE-6	1"	1-1/2"	2,300 ft-lbs.	4,000 rpm	
	SP-1194DX-6	1"	1-1/2"	1,800 ft-lbs.	4,800 rpm	
	6.4	<b>Overall Len</b>	gth Net	t Weight	Sound Level	
	SP-1193GE-6	22"	28	3.7 lbs.	98.0 dB	
	SP-1194DX-6	20.6"	17	7.2 lbs.	96.7 dB	
•						-

### SP-7610 RECIPRO SAW (Gear Type) • Reciprocating Saw with a gear mechanism is a motor driven saw with a powerful stroke, unlike the piston driven type. Cuts Steel, HTSS, FRP, Rubber, Resins and Bumpers etc. Scan to watch **Air Regulator** Demo Video Adjustable Blade Guide SP AIR Safety Lever **Tool Cutaway Blade Included** 8.15" Ņ 0 <u>م</u> SD market SIDE VIEW 1.1" 7.1" (OPTION) 7610-200 Edge Blade Accessories Set of 10pcs. Hex.Wrench x1 Edge Blade Edge Blade Edge Blade x2 Durable 24 TPI blades. Model No. **Stroke Per Minute Overall Length** Stroke SP-7610 5,300 0.47" 8.15" **Net Weight** Sound Level SP-7610 1.3 lbs. 86.5 dB

**SP-7231** 

FLEX HEAD CUT-OFF TOOL Disc Size : 3"

Disc Cover

Built-in Power Regulator

**Rear Exhaust** 

Safety Throttle Lever

## **V3-POSITION FLEX HEAD**



3-position, flexible head for greater access into tight work places. Ergonomic design cushion-grip handle. Rear exhaust. Safety throttle lever. Built-in power regulator. Direct drive motor. Graduated trigger. Metal guard. Cuts muffler clamps and hangers, sheet metal, radiator hose clamps, bumper bolts, and even steel rods up to 3/4".

Model No.	Disc Size	Free Speed	Overall Length
SP-7231	3"	18,000 rpm	8.6"
	Net Weight	Sound Level	ASSA ASSA
SP-7231	2.6 lbs.	90.0 dB	

## **SP-7231R**



**Disc Cover** 

**Built-in Power Regulator** 

Disc Size : 3"

**Rear Exhaust** 

**REVERSIBLE FLEX HEAD CUT-OFF TOOL** 

### **Reverse Lever**

Safety Throttle Lever

Reversible Feature throws sparks and debris away from the operator.

## **V3-POSITION FLEX HEAD**



3-position, flexible head for greater access into tight work places. Ergonomic design cushion-grip handle. Rear exhaust. Safety throttle lever. Built-in power regulator. Direct drive motor. Graduated trigger. Metal guard. Cuts muffler clamps and hangers, sheet metal, radiator hose clamps, bumper bolts, and even steel rods up to 3/4".

Model No.	Disc Size	Free Speed	Overall Length
SP-7231R	3"	12,000 rpm	8.8"
	Net Weight	Sound Level	
SP-7231R	2.8 lbs.	90.0 dB	

## 7231AWC ADJUSTABLE WHEEL COVER

- Fits SP AIR model #SP-7231, SP-7231R Fits also MAC AT35A (Mac Brand)
- Stabilizes cutting action
- Adjustable cut depth (Minimum 1/8")
- Protects sub-surface objects (Wiring Harnesses, etc...)
- Provides accurate and clean cuts 90 degree to surface



## Scan to Watch Demo Video











Ergonomic design cushion-grip handle. Rear exhaust. Built-in power regulator. Safety throttle lever. Direct drive motor with graduated trigger.

## SP-7211 1/4" HEAVY-DUTY 90degree ANGLE HEAD DIE GRINDER



Ergonomic design cushion-grip handle. Rear exhaust. Built-in power regulator. Safety throttle lever.

## SP-7212 1/4" HEAVY-DUTY 120degree ANGLE HEAD DIE GRINDER



SP-7230 CUT-OFF TOOL [DISC SIZE : 3"]



Ergonomic design cushion-grip handle. Rear exhaust. Safety throttle lever. Built-in power regulator. Direct drive motor. Graduated trigger. Metal guard. Cuts muffler clamps and hangers, sheet metal, radiator hose clamps, bumper bolts, and even steel rods up to 3/4".

Model No.	Collet Size	Disc Size	Free Speed	
SP-7211	1/4"	-	18,000 rpm	-
SP-7212	1/4"		18,000 rpm	
SP-7220	1/4"		20,000 rpm	
SP-7230	-	3"	20,000 rpm	
	Overall Length	Net Weight	Sound Level	
SP-7211	6-7/8"	1.75 lbs.	87.8 dB	
SP-7212	6-5/8"	1.69 lbs.	86.8 dB	
SP-7220	6-7/8"	1.37 lbs.	90.1 dB	
SP-7230	6-3/4"	1.50 lbs.	90.0 dB	

## **SP-4BS**



### CARBIDE BURR 4pc SET FOR FERROUS MATERIALS

## Feature & Benefit

For use with 1/4" High Speed Die Grinders. For use in metalworking, mold and pattern making, die sinking, surface cleaning and maintenance.

Removes Burrs from Sheet metal or cast iron. Cleans up welding areas.



## **SP-4NF**



## CARBIDE BURR 4pc SET FOR ALUMINUM / NON-FERROUS MATERIALS

## Feature & Benefit

Allowing rapid stock removal on non-ferrous and plastics materials Avoiding Clogging Ensures smooth cutting operation Giving a guaranteed smoother griding operation



<complex-block></complex-block>	de
Model No. Minimum Diameter Chamfering Capacity Free Speed	
SP-7252F         0.27"         R0.06"         23,000 rpm           C45°0.06"         C45°0.06"         C45°0.06         C45	
Overall Length Net Weight Sound Level	
SP-7252F 4.4" 0.9 lbs. 81.5 dB	



**SP-1380** 

### 3/4" x 20-1/2" BELT SANDER



### **REPLACEMENT BELT**



**380-60-5P** (60 Grit 3/4"x20.5") Replacement Belt 5 Pack **380-60-10P** (60 Grit 3/4"x20.5") Replacement Belt 10 Pack

Belt Size	Free Speed	Overall Length	
3/8&1/2"x13"	16,000 rpm	11"	
3/4"x20-1/2"	17,000 rpm	14.4"	
Net Weight	Sound Level		19
1.7 lbs.	82.0 dB		1
3.1 lbs.	85.5 dB		
	3/8&1/2"x13" 3/4"x20-1/2" Net Weight 1.7 lbs.	3/8&1/2"x13"       16,000 rpm         3/4"x20-1/2"       17,000 rpm         Net Weight       Sound Level         1.7 lbs.       82.0 dB	3/8&1/2"x13"       16,000 rpm       11"         3/4"x20-1/2"       17,000 rpm       14.4"         Net Weight       Sound Level         1.7 lbs.       82.0 dB



## SP-7527 1/2" COMPOSITE AIR DRILL SP-7527KL 1/2" COMPOSITE AIR DRILL [KEYLESS CHUCK]



Double Gear Mechanism

Light Weight Composite Body

1/2"(13mm) Keyless Chuck

400rpm



Forward / Reverse for one hand operation.



### **Air Exhaust with Muffler**



Model No.	Chuck Size	Free Speed	Overall Length
SP-7527	1/2"	400 rpm	7"
SP-7527KL	1/2"	400 rpm	7.1"
	Net Weight	Sound Level	
SP-7527	2.9 lbs.	86.8 dB	ALC: NO DE LA COMPANY
SP-7527KL	2.9 lbs.	86.8 dB	

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SP-	1460			
	SP-147			
				SPAR DE C
Model No.	Piston Dia. P	iston Stroke Nu	Imber of Needles	Blows / min.
and the second s				COLUMN TRANSPORT
SP-1460 SP-1470	3/4" 1"	1/2" 7/8"	12pc 19pc	5,000 bpm 4,000 bpm
57-14/0	Overall Lengt		Vibration Level:a	Air Consumption
SP-1460	9"	2.8 lbs.	27.87 m/s <sup>2</sup>	0.8 cfm
SP-1460 SP-1470	9 16"	5.7 lbs.	31.68 m/s <sup>2</sup>	2.0 cfm
01-14/0	10	0.7 103.	01.00 11/3	2.0 0111



Manufacturer:



## SP AIR CORPORATION

Tokyo, Japan

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