

**MIGHTY SMALL...**  
**MIGHTY POWERFUL...**  
**MIGHTY**  
**AFFORDABLE...**  
**MIGHTY QUIET...**  
**MIGHTY INNOVATIVE...**  
**MIGHTY RELIABLE...**  
**MIGHTY SEVEN!**





**MIGHTY SMALL... MIGHTY POWERFUL...  
MIGHTY QUIET... MIGHTY INNOVATIVE...  
MIGHTY RELIABLE... MIGHTY SEVEN!**

## LEVEL

M7 has categorized its tools into three distinctive levels for user convenience. These level classifications are for reference only.



### **Efficiency / Performance**

Easy to use to handle tasks quickly, these tool embody efficiency and performance.



### **Strength**

Tools provide high torque force, superior grinding power and high cutting energy.



### **Endurance**

Built to last, product longevity and low failure rate are characteristics associated with these tools.

## APPLICATION

Application icons have been designed to provide visual references that suggest industry specific features or usability. These application icons are for reference only.



**Motorcycle**



**Automotive**



**Industrial**

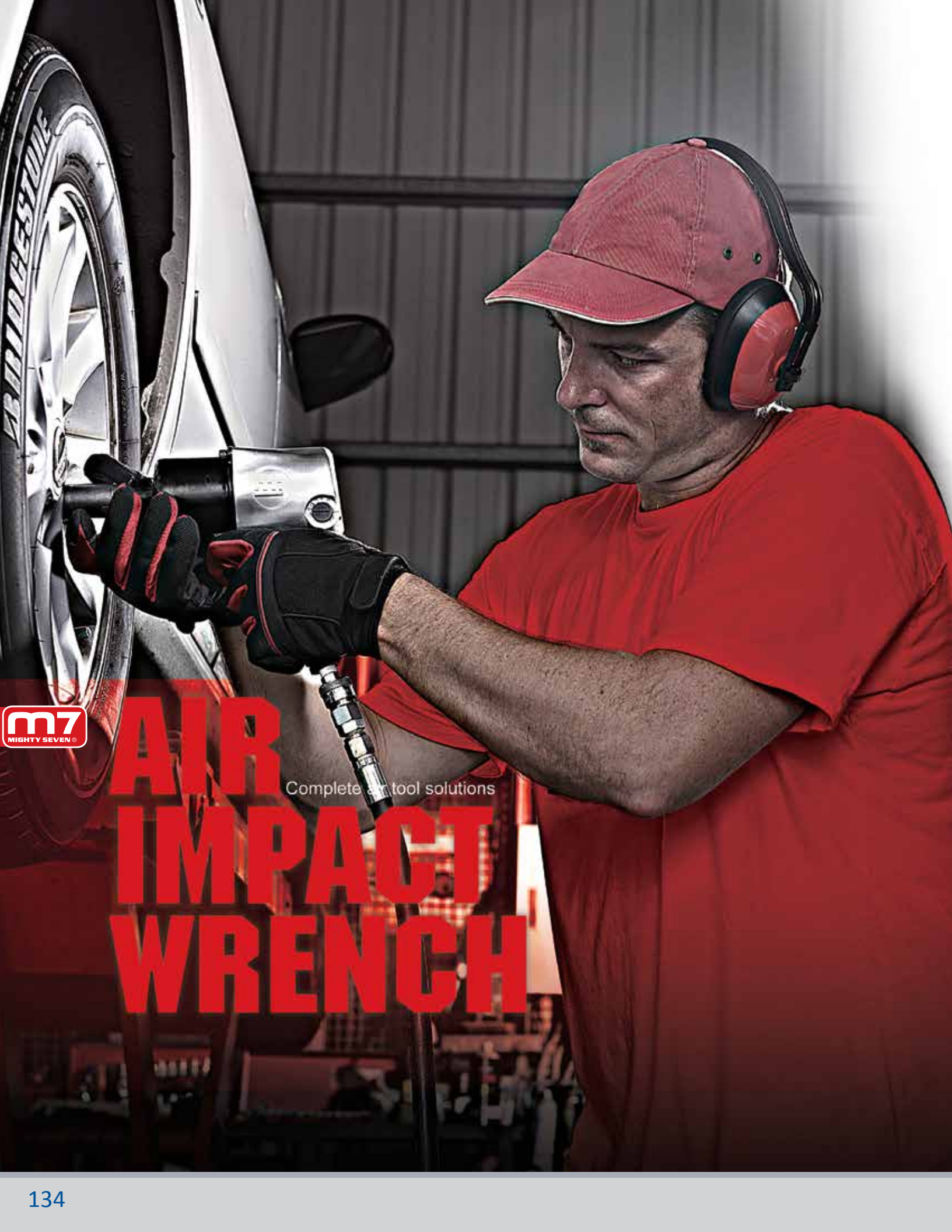


**Boat**



**Agriculture**





# AIR IMPACT WRENCH

Complete air tool solutions



**MIGHTY SMALL... MIGHTY POWERFUL...  
MIGHTY QUIET... MIGHTY INNOVATIVE...  
MIGHTY RELIABLE... MIGHTY SEVEN!**



**NC-3611Q \$309.00**

**3/8" Drive Air Impact Wrench  
Jumbo Hammer Type**

Air inlet 1/4" **MIGHTY QUIET**

- The maximum torque can reach up to 350FT-LB in 5 seconds.
- Low noise sound level 85 dBA.



**NC-4611Q-BM \$330.00  
NC-4611Q-BS \$330.00**

**1/2" Drive Air Impact Wrench  
Jumbo Hammer Type**

Air inlet 1/4" **MIGHTY QUIET**

- Stubby impact sockets,  
BM-6 points, 6pcs : 13, 17, 19, 21, 22, 24mm  
BS-6 points, 6pcs : 1/2", 9/16", 5/8", 11/16", 3/4", 7/8"



**NC-4611Q \$309.00**

**1/2" Drive Air Impact Wrench  
Jumbo Hammer Type**

Air inlet 1/4" **MIGHTY QUIET**

- As long as 111 mm(4-3/8") only, which is the shortest model among all 1/2" impact wrenches available in the market.
- The maximum torque can reach up to 500 FT-LB in 5 seconds.
- Easy to remove vehicle's crankshaft pulley without removing anything else.
- Low noise sound level 85 dBA.
- Common applications are narrow working places and agricultural maintenance.



**64% LIGHTER  
60% SHORTER**

Compared with ordinary models



Max rated torque may vary by up to 40% country-to-country based upon differing test protocols.

# AIR IMPACT WRENCH

Complete  
air tool  
solutions

NC-4611Q / NC-3611Q

**SEEING DOUBLE?**  
**It's the Twins!**

**MIGHTY SMALL...**  
**MIGHTY POWERFUL...**  
**MIGHTY QUIET...**  
**MIGHTY RELIABLE...**



**NC-4611QNC \$618.00**

**NC-4611Q 1/2" Drive Air Impact Wrench**  
**NC-3611Q 3/8" Drive Air Impact Wrench**  
**Jumbo Hammer Type**

- Air inlet 1/4" **MIGHTY QUIET**
- Includes 2 impact wrenches with EVA foam tray.
- Both impact wrenches are 4-3/8" from anvil to end cap.
- The maximum torque can reach up to (NC-3611Q 350FT-LB/  
NC-4611Q, 500FT-LB.) in 5 seconds.

**New and  
Improved!**



Max rated torque may vary by up to 40% country-to-country based upon differing test protocols.

# AIR IMPACT WRENCH

SUPPORT | VALUE | EXPERTISE



## NC-4610Q-BM

**\$330.00**

## NC-4610Q-BS

**\$330.00**

1/2" Drive Air Impact Wrench

Jumbo Hammer Type

Air inlet 1/4"



**MIGHTY QUIET**

- BM- 6points , 6pcs:13,17,19,21,22,24mm
- BS - 6pnts , 6pcs: 1/2" ,9/16", 5/8", 11/16", 3/4", 7/8"



## NC-4610Q

**\$309.00**

1/2" Drive Air Impact Wrench

Jumbo Hammer Type

Air inlet 1/4"



**MIGHTY QUIET**

- Tool is 4-9/16"(115.5MM) long and weight 3.52lbs(1.6kgs)



## NC-4620HQ

**\$320.00**

1/2" Drive Air Impact Wrench

Jumbo Hammer Type

Air inlet 1/4"



**MIGHTY QUIET**

- 2" extended anvil with socket pin capacity.



## NC-4620QN3

**\$355.00**

1/2" Drive Deep Thin Wall Impact Sockets

Jumbo Hammer Type

Air inlet 1/4"



**MIGHTY QUIET**

- 3pcs. 1/2" Drive Flip Sockets 3/4" x 13/16" SAE 17MM x 19MM 21MM x 22MM
- 2" extended anvil with socket pin capacity.



	Square Drive	Bolt Capacity	Torque Range	Max Torque	Free Speed	Avg. Air Consumption	Under Load	Air Pressure	Overall Length	Net Weight	Air Hose	Sound Pressure	Vibration Level
	Inch	Inch (mm)	FT-LB (Nm)	FT-LB Nm	R.P.M	CFM (L/min)	CFM (L/min)	PSI (bar)	Inch (mm)	LBS kg	Inch	dBA	m/s <sup>2</sup>
NC-3611Q	3/8"	1/2"(13)	100-300(136-407)	350 474	9000	4.0(113)	19.5(555)	90(6.3)	4-3/8"(111)	3.3 1.5	3/8"	85.0	2.8
NC-4611Q	1/2"	5/8"(16)	200-350(271-475)	500 678	10000	4.0(113)	21.1(595)	90(6.3)	4-3/8" (111)	3.3 1.6	3/8"	85.0	2.8
NC-4611Q-BM	1/2"	5/8"(16)	200-350(271-475)	500 678	10000	4.0(113)	21.1(595)	90(6.3)	4-3/8" (111)	3.3 1.6	3/8"	85.0	2.8
NC-4611Q-BS	1/2"	5/8"(16)	200-350(271-475)	500 678	10000	4.0(113)	21.1(595)	90(6.3)	4-3/8" (111)	3.3 1.6	3/8"	85.0	2.8
NC-4610Q	1/2"	5/8"(16)	200-350(271-475)	500 678	9000	4.4(124)	21.7(615)	90(6.3)	4-9/16"(115.5)	3.52 1.6	3/8"	85.0	2.8
NC-4610Q-BM	1/2"	5/8"(16)	200-350(271-475)	500 678	9000	4.4 (124)	21.7(615)	90(6.3)	4-9/16"(115.5)	3.52 1.6	3/8"	85.0	2.8
NC-4610Q-BS	1/2"	5/8"(16)	200-350(271-475)	500 678	9000	4.4 (124)	21.7(615)	90(6.3)	4-9/16"(115.5)	3.52 1.6	3/8"	85.0	2.8
NC-4620HQ	1/2"	5/8"(16)	200-350(271-475)	500 678	9000	4.4 (124)	21.7(615)	90(6.3)	6-9/16"(166)	3.74 1.7	3/8"	85.0	2.8
NC-4620QN3	1/2"	5/8"(16)	200-350(271-475)	500 678	9000	4.4 (124)	21.7(615)	90(6.3)	6-9/16"(166)	3.74 1.7	3/8"	85.0	2.8

Max rated torque may vary by up to 40% country-to-country based upon differing test protocols.

# AIR IMPACT WRENCH

Complete air tool solutions



**NC-3111 \$231.00**

3/8" Drive Air Impact Wrench  
Pin Clutch Type

Air inlet 1/4"



**NC-3210 \$339.00**

3/8" Drive Air Impact Wrench  
Twin Hammer Type

Air inlet 1/4"



**NC-3410 \$153.00**

3/8" Drive Air Impact Wrench  
Rocking Dog Type

Air inlet 1/4"



**NC-3610Q \$309.00**

3/8" Drive Air Impact Wrench  
Jumbo Hammer Type

Air inlet 1/4" MIGHTY QUIET



Max rated torque may vary by up to 40% country-to-country based upon differing test protocols.

# AIR IMPACT WRENCH

SUPPORT | VALUE | EXPERTISE



## NC-4210 \$335.00

1/2" Drive Air Impact Wrench

Twin Hammer Type

Air inlet 1/4"



**60% LIGHTER**  
**30% SHORTER**

Compared with ordinary models



## NC-4213 \$397.00

## NC-4223 \$408.00

1/2" Drive Air Impact Wrench

Twin Hammer Type

NC-4223 is equipped with 2" extended anvil

Air inlet 1/4"



## NC-4233Q \$389.00

1/2" Drive Air Impact Wrench

Twin Hammer Type

Air inlet 1/4" **MIGHTY QUIET**



- Made from Heavy Duty Composite Material.
- Reaches 850Ft-LB of reverse torque in only 5 seconds.



Square Drive	Bolt Capacity		Torque Range	Max Torque		Free Speed	Avg. Air Consumption	Under Load	Air Pressure	Overall Length	Net Weight		Air Hose	Sound Pressure	Vibration Level
Inch	Inch (mm)	(mm)	FT-LB (Nm)	FT-LB	Nm	R.P.M	CFM (L/min)	CFM (L/min)	PSI (bar)	Inch (mm)	LBS	kg	Inch	dBA	m/s <sup>2</sup>
NC-3111	3/8"	1/2"(13)	70-130(95-176)	160	216	9000	4.0(113)	18.1(515)	90 (6.3)	6-7/16" (163)	3.5	1.6	3/8"	93.3	4.1
NC-3210	3/8"	1/2"(13)	100-300(136-407)	350	474	10000	4.0(113)	19.5(555)	90 (6.3)	5-5/8" (142)	3.3	1.5	3/8"	92.1	3.6
NC-3410	3/8"	3/8"(10)	5-50(7-68)	75	102	10000	2.5(71)	12.1(342)	90 (6.3)	6-1/4" (159)	1.75	0.8	3/8"	92.1	3.6
NC-3610Q	3/8"	1/2"(13)	100-300(136-407)	350	474	8000	4.4(125)	21.7(615)	90 (6.3)	4-9/16" (115.5)	3.3	1.5	3/8"	85.0	2.8
NC-4210	1/2"	5/8"(16)	150-350(203-475)	400	542	10000	4.2(119)	19.9(565)	90 (6.3)	5-5/8"(142)	3.5	1.6	3/8"	90.6	2.8
NC-4213	1/2"	5/8"(16)	180-400( 244-542)	600	813	6500	4.2(119)	19.9(565)	90 (6.3)	7-3/16"(182)	6.2	2.8	3/8"	91.0	3.8
NC-4223	1/2"	5/8"(16)	180-400( 244-542)	600	813	6500	4.2(119)	19.9(565)	90 (6.3)	9-1/4"(232)	6.4	2.9	3/8"	91.0	3.8
NC-4233Q	1/2"	3/4"(19)	200-500(271-678)	850	1150	9000	4.6(130)	22.0(625)	90 (6.3)	7-1/2"(190)	4.62	2.1	3/8"	85.0	4.4

Max rated torque may vary by up to 40% country-to-country based upon differing test protocols.



# AIR IMPACT WRENCH

Complete air tool solutions



**NC-4217 \$259.00**

1/2" Drive Air Impact Wrench  
Twin Hammer Type

Air inlet 1/4"    



**NC-4212 \$326.00**

**NC-4222 \$337.00**

1/2" Drive Air Impact Wrench  
Twin Hammer Type

NC-4222 is equipped with 2" extended anvil

Air inlet 1/4"    



**NC-4215 \$461.00**

**NC-4225 \$472.00**

1/2" Drive Air Impact Wrench  
New Twin Hammer Type

NC-4225 is equipped with 2" extended anvil

Air inlet 1/4"    



**NC-4216 \$407.00**

**NC-4226 \$418.00**

1/2" Drive Air Impact Wrench  
Twin Hammer Type

NC-4226 is equipped with 2" extended anvil

Air inlet 1/4"    



**45% LIGHTER**

Compared with ordinary models

Max rated torque may vary by up to 40% country-to-country based upon differing test protocols.

# AIR IMPACT WRENCH

SUPPORT | VALUE | EXPERTISE



**NC-4230Q \$458.00**  
**NC-4240 \$469.00**

1/2" Drive Air Impact Wrench  
 Twin Hammer Type

NC-4240 is equipped with 2" extended anvil

Air inlet 1/4" **MIGHTY QUIET**

**IN STOCK!**



**NC-4258 \$205.00**

1/2" Drive Air Impact Wrench  
 Twin Hammer Type

Air inlet 1/4"

**IN STOCK!**



**NC-4236Q \$458.00**

1/2" Drive Air Impact Wrench

Twin Hammer Type

Air inlet 1/4" **MIGHTY QUIET**

**IN STOCK!**



**60% MORE POWERFUL**

Compared with ordinary models

- Equipped with Twin Hammer Impact mechanism
- Quickly reaches max torque, 1000FT-LB under 5 seconds
- Low noise sound pressure 83 dBA
- 60% more power compared to ordinary models in its class
- Handle exhaust efficiently reduces the noise and directs air away from the working area
- **2 year warranty**



	Square Drive	Bolt Capacity	Torque Range	Max Torque		Free Speed	Avg. Air Consumption	Under Load	Air Pressure	Overall Length	Net Weight		Air Hose	Sound Pressure	Vibration Level
	Inch	Inch (mm)	FT-LB (Nm)	FT-LB	Nm	R.P.M	CFM (L/min)	CFM (L/min)	PSI (bar)	Inch (mm)	LBS	kg	Inch	dBA	m/s <sup>2</sup>
NC-4217	1/2"	5/8"(16)	150-320(203-434)	400	542	7000	4.2(119)	20.0(575)	90(6.3)	7-1/4"(184)	5.6	2.5	3/8"	92.1	3.7
NC-4212	1/2"	5/8"(16)	150-300(203-407)	550	746	7000	4.0(113)	21.1(575)	90(6.3)	7-13/64"(182)	6.2	2.8	3/8"	86.1	3.7
NC-4222	1/2"	5/8"(16)	150-300(203-407)	550	746	7000	4.0(113)	21.1(575)	90(6.3)	9-13/64"(233)	6.6	3.0	3/8"	86.1	3.7
NC-4215	1/2"	3/4"(19)	180-400(244-542)	700	949	6500	4.4(124)	21.7(615)	90(6.3)	7-11/16"(195)	6.3	2.9	3/8"	91.4	3.8
NC-4225	1/2"	3/4"(19)	180-400(244-542)	700	949	6500	4.4(124)	21.7(615)	90(6.3)	9-11/16"(246)	6.8	3.1	3/8"	91.4	3.8
NC-4216	1/2"	5/8"(16)	180-400(244-542)	650	881	9000	4.2(119)	22.6(640)	90(6.3)	7-3/4"(195)	4.4	2.0	3/8"	93.9	4.5
NC-4226	1/2"	5/8"(16)	180-400(244-542)	650	881	9000	4.2(119)	22.6(640)	90(6.3)	8-7/8"(225)	4.8	2.2	3/8"	93.9	4.5
NC-4240	1/2"	3/4"(19)	180-500(244-678)	700	949	7500	4.5(127)	21.0(595)	90(6.3)	8-15/32"(215)	5.72	2.6	3/8"	87.0	4.5
NC-4230Q	1/2"	3/4"(19)	180-500(244-678)	750	949	7500	4.5(127)	21.0(595)	90(6.3)	6-15/32"(164)	5.5	2.5	3/8"	85.0	4.5
NC-4236Q	1/2"	1(25)	200-700(271-949)	1000	1356	7500	5.5(155)	22.0(622)	90(6.3)	6-45/64"(171)	5.7	2.62	3/8"	83.0	4.5
NC-4258	1/2"	5/8"(16)	150-300(203-407)	400	542	7000	4.2(119)	20.3(575)	90(6.3)	7-1/4"(185)	5.6	2.5	3/8"	93.2	4.4

Max rated torque may vary by up to 40% country-to-country based upon differing test protocols.

# AIR IMPACT WRENCH

Complete  
air tool  
solutions



NC-6212 \$513.00  
NC-6222 \$543.00

3/4" Drive Air Impact Wrench

New Twin Hammer Type

NC-6222 is equipped with 2" extended anvil

Air inlet 1/4"   



NC-6113 \$555.00  
NC-6123 \$585.00

3/4" Drive Air Impact Wrench

Pin Clutch Type

NC-6123 is equipped with 6" extended anvil

Air inlet 1/4"   



Max rated torque may vary by up to 40% country-to-country based upon differing test protocols.



**NC-6210Q \$545.00**  **IN STOCK!**  
**NC-6220 \$575.00**

**3/4" Drive Air Impact Wrench**  
**Twin Hammer Type**  
 NC-6220 is equipped with 6" extended anvil

Air inlet 1/4"     **MIGHTY QUIET**



**NC-6213 \$1,099.00**

**3/4" Drive Air Impact Wrench**  
**Twin Hammer Type**

Air inlet 1/4"   



**76% LIGHTER**  
 Compared with ordinary models



 **IN STOCK!**
















**NC-6218 \$1,200.00**

**3/4" Drive Air Impact Wrench**  
**Twin Hammer Type**

Air inlet 1/2"    

- Equipped with Twin Hammer Impact mechanism
- Quickly reaches max torque, 1500FT-LB in under 5 seconds
- Only 12 9/16" (320MM) long. Compact size for D-Handle Type impact wrench
- Light weight (12.54lbs.) for this style of impact wrench
- **2 year warranty**



	Square Drive	Bolt Capacity	Torque Range	Max Torque		Free Speed	Avg. Air Consumption	Under Load	Air Pressure	Overall Length	Net Weight		Air Hose	Sound Pressure	Vibration Level
	Inch	Inch (mm)	FT-LB (Nm)	FT-LB	Nm	R.P.M	CFM (L/min)	CFM (L/min)	PSI (bar)	Inch (mm)	LBS	kg	Inch	dBA	m/s <sup>2</sup>
															
<b>NC-6113</b>	3/4"	1"(25)	150-600(203-814)	850	1153	4500	7.0(198)	22.0(625)	90(6.3)	10"(252)	10.1	4.6	1/2"	94.3	7.2
<b>NC-6123</b>	3/4"	1"(25)	150-600(203-814)	850	1153	4500	7.0(198)	22.0(625)	90(6.3)	14-3/16" (360)	11.6	5.3	1/2"	94.3	7.2
<b>NC-6212</b>	3/4"	3/4"(19)	180-400(244-542)	750	1017	6300	4.4(124)	21.8(620)	90(6.3)	7-61/64" (227)	6.6	3.0	1/2"	88.1	7.8
<b>NC-6222</b>	3/4"	3/4"(19)	180-400(244-542)	750	1017	6300	4.4(124)	21.8(620)	90(6.3)	10-1/4" (260)	7.5	3.4	1/2"	88.1	7.8
<b>NC-6210Q</b>	3/4"	3/4"(19)	180-600(244-810)	1200	1627	6500	4.5(127)	21.8(620)	90(6.3)	6-45/64" (170)	5.61	2.55	3/8"	85.0	4.5
<b>NC-6220Q</b>	3/4"	3/4"(19)	180-600(244-810)	1200	1627	6500	4.5(127)	21.8(620)	90(6.3)	12-23/32"(323)	6.78	3.08	3/8"	85.0	4.5
<b>NC-6213</b>	3/4"	1-1/16"(27)	200-1000(271-1356)	1200	1627	6000	6.9(195)	22.0(625)	90(6.3)	9-7/16"(239)	8.54	3.88	1/2"	92.0	5.0
<b>NC-6218</b>	3/4"	1-1/16"(27)	200-1400(271-1898)	1500	2034	6000	6.34(182)	24.1(687)	90(6.3)	12-9/16"(320)	12.54	5.7	1/2"	106.0	3.3

Max rated torque may vary by up to 40% country-to-country based upon differing test protocols.

# AIR IMPACT WRENCH

Complete air tool solutions



**NC-6215 \$720.00**  
**NC-6225 \$750.00**

**3/4" Drive Air Impact Wrench**

**New Twin Hammer Type**

NC-6225 is equipped with 6" extended anvil

Air inlet 1/4"



**NC-6216 \$1,099.00**  
**NC-6226 \$1,129.00**

**3/4" Drive Air Impact Wrench**

**New Twin Hammer Type**

NC-6226 is equipped with 6" extended anvil

Air inlet 3/8"

**IN STOCK!**



**10% LIGHTER**

Compared with ordinary models



**NC-6236Q \$545.00**

**3/4" Drive Air Impact Wrench**

**Twin Hammer Type**

Air inlet 1/4" **MIGHTY QUIET**

- Equipped with Twin Hammer impact mechanism
- Quickly reaches max torque, 1200FT-LB in under 5 seconds
- Low noise sound pressure 83dBA
- Handle exhaust efficiently reduces the noise and directs air away
- **2 Year Warranty**

**IN STOCK!**



Max rated torque may vary by up to 40% country-to-country based upon differing test protocols.

# AIR IMPACT WRENCH

SUPPORT | VALUE | EXPERTISE



**NC-8212 \$1,191.00**

**1" Drive Air Impact Wrench  
New Twin Hammer Type**

Air inlet 3/8"



**NC-8219 \$1,390.00**

**1" Drive Air Impact Wrench  
New Twin Hammer Type**

Air inlet 1/2"



**NC-8216 \$1,480.00**

**NC-8226 \$1,520.00**

**1" Drive Air Impact Wrench  
Pin Less Type**

NC-8226 is equipped with 6" extended anvil

Air inlet 1/2"



**48% LIGHTER**

Compared with ordinary models



**NC-8321 \$1,085.00**

**NC-8341 \$1,125.00**

**1" Drive Air Impact Wrench  
Pin Less Type**

NC-8341 is equipped with 8" extended anvil

Air inlet 1/2"



	Square Drive	Bolt Capacity	Torque Range	Max Torque	Free Speed	Avg. Air Consumption	Under Load	Air Pressure	Overall Length	Net Weight	Air Hose	Sound Pressure	Vibration Level
	Inch	Inch (mm)	FT-LB (Nm)	FT-LB Nm	R.P.M	CFM (L/min)	CFM (L/min)	PSI (bar)	Inch (mm)	LBS kg	Inch	dBA	m/s <sup>2</sup>
NC-6215	3/4"	1"(25)	180-600(244-810)	900 1220	6500	7.0(198)	23.8(675)	90(6.3)	9-7/32" (234)	10.0 4.5	1/2"	91.5	10.8
NC-6225	3/4"	1"(25)	180-600(244-810)	900 1220	6500	7.0(198)	23.8(675)	90(6.3)	13-3/4" (350)	10.8 4.9	1/2"	91.5	10.8
NC-6216	3/4"	1-1/16"(27)	200-1000(271-1356)	1200 1627	6000	6.0(170)	23.1(655)	90(6.3)	9-1/4" (235)	9.0 4.1	1/2"	91.2	5.0
NC-6226	3/4"	1-1/16"(27)	200-1000(271-1356)	1200 1627	6000	6.0(170)	23.1(655)	90(6.3)	13-3/4" (350)	9.9 4.5	1/2"	91.2	5.0
NC-6236Q	3/4"	1"(25)	200-900(271-1220)	1200 1627	7500	5.5(155)	22.0(622)	90(6.3)	6-45/64" (171)	5.90 2.68	3/8"	83.0	4.5
NC-8212	1"	1-1/16"(27)	200-1000(271-1356)	1300 1762	6000	6.0(170)	23.1(655)	90(6.3)	9-1/4"(235)	9.68 4.4	1/2"	91.2	5.0
NC-8219	1"	1-7/16"(36)	200-1600(271-2170)	1800 2441	4000	11.0(311)	24.5(695)	90(6.3)	12-13/32"(315)	21.69 9.84	1/2"	103.4	16.7
NC-8321	1"	1-3/8" (33)	200-1600(271-2170)	1800 2441	4000	11.5(325)	24.5(695)	90(6.3)	15" (380)	24.0 10.9	1/2"	97.0	6.3
NC-8341	1"	1-3/8" (33)	200-1600(271-2170)	1800 2441	4000	11.5(325)	24.5(695)	90(6.3)	20" (510)	27.6 12.5	1/2"	97.0	6.3
NC-8216	1"	1-3/8"(33)	200-1600(271-2170)	1800 2441	6000	9.0(254)	23.7(670)	90(6.3)	13-1/2"(343)	15.58 7.0	1/2"	102.0	9.3
NC-8226	1"	1-3/8"(33)	200-1600(271-2170)	1800 2441	6000	9.0(254)	23.7(670)	90(6.3)	19-3/16"(487)	18.48 8.4	1/2"	102.0	9.3

Max rated torque may vary by up to 40% country-to-country based upon differing test protocols.

# AIR IMPACT WRENCH

Complete air tool solutions



**NC-8311 \$1,103.00**

**NC-8351 \$1,143.00** **IN STOCK!**

**1" Drive Air Impact Wrench  
Pin Less Type**

NC-8341 is equipped with 8" extended anvil  
Air inlet 1/2"



**NC-8232 \$1,395.00**

**1" Drive Air Impact Wrench  
New Twin Hammer Type**

NC-8232 is equipped with 8" extended anvil  
Air inlet 1/2"



**NC-8322 \$2,225.00**

**NC-8342 \$2,265.00**

**1" Drive Air Impact Wrench  
Pin Less Type**

NC-8342 is equipped with 8" extended anvil  
Air inlet 1/2"



**NC-8242 \$1,950.00**

**NC-8242-8 \$1,990.00**

**1" Drive Air Impact Wrench  
Twin Hammer Type**

8382-8 is equipped with 8" anvil  
Air inlet 1/2"



Max rated torque may vary by up to 40% country-to-country based upon differing test protocols.

# AIR IMPACT WRENCH

SUPPORT | VALUE | EXPERTISE



**NC-8362 \$1,510.00**  
**NC-8372 \$1,550.00**

**1" Drive Air Impact Wrench**  
**Pin Less Type**

NC-8372 is equipped with 8" extended anvil

Air inlet 1/2"



**NC-9223 \$6,784.00**

**1-1/2" Drive Air Impact Wrench**

**New Twin Hammer Type**

Air inlet 1/2"



**NC-8382 \$1,950.00**

**NC-8382-8 \$1,990.00**

**1" Drive Air Impact Wrench**  
**Pin Less Type**

NC-8382-8 is equipped with 8" extend anvil.

Air inlet 1/2"

- Lightest 2500 FT-LB impact wrench in the world
- Mighty Spring in the cylinder increase the air efficiency
- Quickly reaches max torque, 2500FT-LB in under 5 seconds



**40% LIGHTER**  
**38% MORE POWERFUL**  
Compared with ordinary models



	Square Drive	Bolt Capacity	Torque Range	Max Torque	Free Speed	Avg. Air Consumption	Under Load	Air Pressure	Overall Length	Net Weight	Air Hose	Sound Pressure	Vibration Level
	Inch	Inch (mm)	FT-LB (Nm)	FT-LB Nm	R.P.M	CFM (L/min)	CFM (L/min)	PSI (bar)	Inch (mm)	LBS kg	Inch	dBA	m/s²
NC-8311	1"	1-3/8" (33)	200-1600(271-2170)	1800 2441	4000	11.5(325)	24.5(695)	90(6.3)	15" (380)	24.0 10.9	1/2"	101.0	7.3
NC-8351	1"	1-3/8" (33)	200-1600(271-2170)	1800 2441	4000	11.5(325)	24.5(695)	90(6.3)	20" (510)	27.6 12.5	1/2"	101.0	7.3
NC-8322	1"	1-7/16"(36)	200-2000(271-2710)	2500 3390	3300	11.0(311)	24.5(695)	90(6.3)	17-5/16"(440)	34.2 15.5	1/2"	93.9	8.8
NC-8342	1"	1-7/16"(36)	200-2000(271-2710)	2500 3390	3300	11.0(311)	24.5(695)	90(6.3)	24-3/8" (619)	38.0 17.3	1/2"	93.9	8.8
NC-8232	1"	1-7/16"(36)	200-1600(271-2170)	1800 2441	4000	11.0(311)	24.5(695)	90(6.3)	20-13/32"(518)	24.8 11.3	1/2"	102	11.5
NC-8242	1"	1-9/16"(16)	200-2000(271-2710)	2500 3390	5000	15.9(450)	28.0(792)	90(6.3)	14-17/32"(370)	23.1 10.5	1/2"	100.0	6.4
NC-8242-8	1"	1-9/16"(16)	200-2000(271-2710)	2500 3390	5000	15.9(450)	28.0(792)	90(6.3)	22-15/32"(570)	26.2 11.9	1/2"	100.0	6.4
NC-8362	1"	1-7/16"(36)	200-2000(271-2710)	2500 3390	3700	11.0(311)	24.5(695)	90(6.3)	17-7/8" (455)	34.7 15.8	1/2"	93.9	8.8
NC-8372	1"	1-7/16"(36)	200-2000(271-2710)	2500 3390	3700	11.0(311)	24.5(695)	90(6.3)	24-7/32" (615)	38.7 17.6	1/2"	93.9	8.8
NC-9223	1-1/2"	2"(50)	200-3000(271-4065)	3500 4746	3000	16.0(453)	30.0(850)	90(6.3)	17-3/4" (450)	42.29 19.7	3/4"	104.5	8.8
NC-8382	1"	1-9/16"(16)	200-2000(271-2710)	2500 3390	5000	15.9(450)	28.0(792)	90(6.3)	14-17/32"(370)	22.0 11.0	1/2"	100.0	6.4
NC-8382-8	1"	1-9/16"(16)	200-2000(271-2710)	2500 3390	5000	15.9(450)	28.0(792)	90(6.3)	22-15/32"(570)	27.5 12.5	1/2"	100.0	6.4

Max rated torque may vary by up to 40% country-to-country based upon differing test protocols.



# AIR IMPACT WRENCH

Complete air tool solutions



**NC-0208[SET] \$347.00**

**1/4" Drive Air Impact Wrench 8 PCS**

**Rocking Dog**

Air inlet 1/4"

- 1pc 1/4" Air Impact Wrench (NC-2710)
- 5pcs Socket:8.9.10.11.12mm
- 1pc 1/4" Drive Universal Joint
- 1pc 1/4" Extension Bar
- 1pc Plug (adapter)

AIR GLOW PLUG REMOVAL KIT FOR TDCI



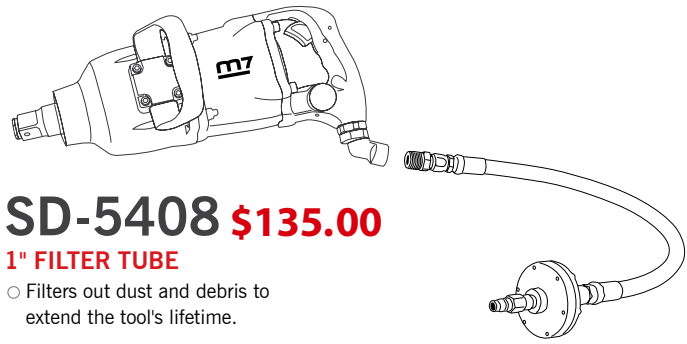
	Square Drive	Bolt Capacity	Torque Range	Max Torque	Free Speed	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight	Air Hose	Sound Pressure	Vibration Level
	Inch	Inch (mm)	FT-LB (Nm)	FT-LB Nm	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	LBS kg	Inch	dBA	m/s <sup>2</sup>
<b>NC-2710</b>	1/4"	1/2"(12)	10-40(7.4-29.5)	---	11000	5.3(150)	90(6.3)	5-3/8" (136)	1.76 0.8	3/8"	91.0	3.4

Max rated torque may vary by up to 40% country-to-country based upon differing test protocols.

# ACCESSORIES

# AIR IMPACT WRENCH

SUPPORT | VALUE | EXPERTISE



**SD-5408 \$135.00**

**1" FILTER TUBE**

- Filters out dust and debris to extend the tool's lifetime.

## NC-0410 [SET]

**1/2" Drive Air Impact Wrench 10pcs**

- 1pc - Air Impact Wrench
- 5pcs - Impact sockets, 6 points, standard length 11, 13 mm, deep version 17, 19, 21mm
- 1pc - Extension bar 5"
- 1pc - Mini Oiler 1/4" female x 1/4" male
- 1pc - 1/4" plug
- 1pc - Oil box



Item No.	Air Impact Wrench
NC-0410M0 <b>\$463.00</b>	 NC-4212
NC-0410M1 <b>\$537.00</b>	 NC-4215
NC-0410M2 <b>\$397.00</b>	 NC-4217
NC-0410M3 <b>\$338.00</b>	 NC-4258

## NC-0415 [SET]

**1/2" Drive Air Impact Wrench 15pcs**

- 1pc-1/2" Air Impact Wrench
- 10pcs-Impact sockets, 6 points, standard length 9, 10, 11, 13, 14, 17, 19, 22, 24, 27mm
- 1pc-Extension bar 5"
- 1pc-Allen Key : 4mm
- 1pc-Mini Oiler 1/4" female x 1/4" male
- 1pc-1/4" plug



Item No.	Air Impact Wrench
NC-0425M0 <b>\$457.00</b>	 NC-4212
NC-0425M1 <b>\$528.00</b>	 NC-4215
NC-0425M2 <b>\$505.00</b>	 NC-4216
NC-0425M4 <b>\$584.00</b>	 NC-4230
NC-0415M6 <b>\$410.00</b>	 NC-4217
NC-0415M4 <b>\$477.00</b>	 NC-4213



## NC-0615 [SET]

**3/4" Drive Air Impact Wrench 15pcs**

- 1pc-3/4" Air Impact Wrench
- 8pcs-Impact sockets, 6 points, standard length 26, 27, 29, 30, 32, 35, 36, 38mm
- 1pc-Extension bar 7"
- 1pc-Universal Joint
- 2pcs-Allen Key : 4mm, 5mm
- 1pc-Mini Oiler 1/4"-6113,6215 , 3/8"-6216
- 1pc-1/4" plug - 6113.6215 , 3/8" plug - 6216
- 1pc-O-Ring&Pin



Item No.	Air Impact Wrench
NC-0615M0 <b>\$803.00</b>	 NC-6113
NC-0615M1 <b>\$1,410.00</b>	 NC-6216
NC-0615M2 <b>\$1,005.00</b>	 NC-6215

Max rated torque may vary by up to 40% country-to-country based upon differing test protocols.



Complete air tool solutions

# AIR RATCHET WRENCH



# AIR RATCHET WRENCH

SUPPORT | VALUE | EXPERTISE



**NE-251 \$163.00**  
**NE-351 \$163.00**

1/4" Drive & 3/8" Drive Stubby  
Air Ratchet Wrench  
Air inlet 1/4"



**NE-211 \$166.00**  
**NE-311 \$166.00**

1/4" Drive & 3/8" Drive  
Air Ratchet Wrench  
Air inlet 1/4"



**NE-321 \$170.00**  
**NE-421 \$170.00**

3/8" Drive & 1/2" Drive  
Air Ratchet Wrench  
Air inlet 1/4"



**NE-332 \$176.00**  
**NE-432 \$176.00**

3/8" Drive & 1/2" Drive  
Air Ratchet Wrench  
Air inlet 1/4"



**NE-352 \$183.00**

3/8" Drive Stubby  
Air Ratchet Wrench  
Air inlet 1/4"



**NE-343 \$212.00**  
**NE-443 \$212.00**

3/8" Drive & 1/2" Drive  
Air Ratchet Wrench  
Air inlet 1/4"



	Square Drive	Torque Range	Max Torque		Free Speed	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight		Air Hose	Sound Pressure	Vibration Level
	Inch	FT-LB (Nm)	FT-LB	Nm	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	LBS	kg	Inch	dBA	m/s <sup>2</sup>
NE-251	1/4"	5-15(6.7-20)	22	30	350	3.0(84.96)	90(6.3)	5"(125)	1.1	0.5	3/8"	89.0	4.4
NE-351	3/8"	5-15(6.7-20)	22	30	350	3.0(84.96)	90(6.3)	5"(125)	1.1	0.5	3/8"	89.0	4.4
NE-211	1/4"	5-15(6.7-20)	18	24	240	3.0(84.96)	90(6.3)	8"(205)	1.3	0.59	3/8"	89.6	3.9
NE-311	3/8"	5-15(6.7-20)	18	24	240	3.0(84.96)	90(6.3)	8"(205)	1.3	0.59	3/8"	88.8	4.6
NE-321	3/8"	10-35(13.5-47)	50	68	160	4.0(113.28)	90(6.3)	10-3/8"(265)	2.3	1.04	3/8"	91.0	3.9
NE-421	1/2"	10-35(13.5-47)	50	68	160	4.0(113.28)	90(6.3)	10-3/8"(265)	2.3	1.04	3/8"	92.8	4.6
NE-332	3/8"	10-45(13.5-61)	60	81	160	4.0(113.28)	90(6.3)	10-3/8"(265)	2.68	1.22	3/8"	90.5	4.4
NE-432	1/2"	10-45(13.5-61)	60	81	160	4.0(113.28)	90(6.3)	10-3/8"(265)	2.68	1.22	3/8"	89.8	5.2
NE-352	3/8"	5-15(6.7-20)	22	30	350	3.0(84.96)	90(6.3)	5"(125)	1.1	0.5	3/8"	89.0	4.4
NE-343	3/8"	10-55(13.5-74)	75	101.7	160	4.0(113)	90(6.3)	11"(280)	2.8	1.3	3/8"	84.0	4.4
NE-443	1/2"	10-55(13.5-74)	100	135.6	160	4.0(113)	90(6.3)	11"(280)	2.8	1.3	3/8"	84.0	4.4

# AIR RATCHET WRENCH

Complete air tool solutions



## NE-462 \$377.00

1/2" Drive (Pin Clutch Type)  
Air Ratchet Wrench

Air inlet 1/4"



IN STOCK!

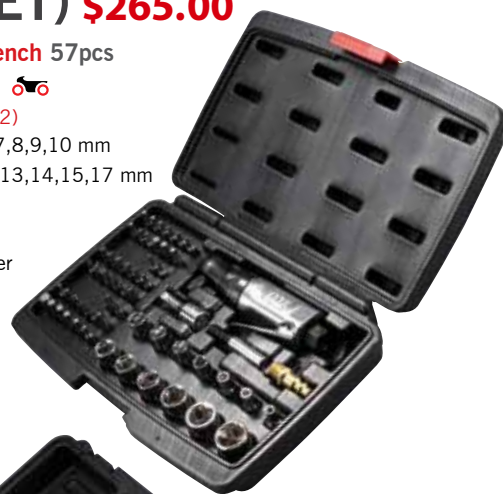
## NE-0357(SET) \$265.00

3/8" Drive Air Ratchet Wrench 57pcs

Air inlet 1/4"

1pc Air Ratchet Wrench (NE-352)

- 7pcs 1/4" Dr. socket : 4,5,6,7,8,9,10 mm
- 6pcs 3/8" Dr. socket : 11,12,13,14,15,17 mm
- 40pcs 1/4" Bits
- 1pc 3/8" Extension Bar
- 1pc 1/4" Hex Size shank driver
- 1pc Plug (Adapter)



## NE-0413M(SET) \$470.00

## NE-0413S(SET) \$470.00

1/2" Drive (Thru-Hole Type)

Air Ratchet Wrench 13pcs

Air inlet 1/4"

- 1pc Air Ratchet Wrench (NE-461)
- 8pcs 3/4" Hex Thru-hole socket : 8,9,10,12,13,14,17,19 mm (NE-0413M)
- 8pcs 3/4" Hex Thru-hole socket : 5/16",3/8",7/16",1/2",9/16",5/8",11/16",3/4" (NE-0413S)
- 1pc 3" Extension Bar
- 2pcs 1/2" 3/8" ADP
- 1pc Plug (Adapter)



	Square Drive	Torque Range	Max Torque		Free Speed	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight		Air Hose	Sound Pressure	Vibration Level
	Inch	FT-LB (Nm)	FT-LB	Nm	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	LBS	kg	Inch	dBA	m/s <sup>2</sup>
NE-462	1/2"	10-55(13.5-74)	74	100	200	4.0(113.28)	90(6.3)	13"(330)	4.10	1.88	3/8"	84.0	2.5
NE-461	1/2"	10-65(13.5-88)	100	135.6	180	4.0(113.28)	90(6.3)	10-3/8"(270)	2.64	1.20	3/8"	83.0	2.3

Complete air tool solutions

# AIR IMPACT RATCHET



IN STOCK!

**NE-399 \$425.00**  
**NE-499 \$445.00**

**1/2" Drive Air Impact Ratchet**

Air inlet 1/4"

- Mighty Powerful, reverse torque can reach up to (NE-499 250FT-LB / NE-399 180FT-LB) in 5 seconds
- Mighty Innovative, convenient forward & reverse ring control.
- Mighty Small, easy to reach narrow spaces.



**NE-499N(SET) \$480.00**

**1/2" Drive Air Impact Ratchet**

Air inlet 1/4"

- Air Impact Ratchet 1pc (NE-499)
- Stubby impact sockets, 6 points  
9pcs 9, 10, 11, 13, 14, 17, 19, 22, 24 mm  
1/4" plug 1pc



Square Drive	Bolt Capacity	Torque Range	Max Torque	Free Speed	Avg. Air Consumption	Under Load	Air Pressure	Overall Length	Net Weight	Air Hose	Sound Pressure	Vibration Level
Inch	Inch (mm)	FT-LB (Nm)	FT-LB Nm	R.P.M	CFM (L/min)	CFM (L/min)	PSI (bar)	Inch (mm)	LBS kg	Inch	dBA	m/s <sup>2</sup>



<b>NE-499</b>	1/2"	9/16"(14)	50-150(68-203)	250 339	7500	2.45(69.4)	24.1	90(6.3)	13-3/8"(340)	4.0 18.3	3/8"	93.0 9.9
<b>NE-399</b>	3/8"	1/2"(13)	50-130(68-176)	180 244	7500	2.45(69.4)	24.1	90(6.3)	13-3/8"(340)	4.0 18.3	3/8"	93.0 9.9

# AIR DIE GRINDER

Complete air tool solutions



**QA-111A \$112.00**

(Metric Size)

**QA-111B \$112.00** IN STOCK!

(Inch Size)

**Air Die Grinder**

Air inlet 1/4"



**QA-311A \$195.00**

(Metric Size)

**QA-311B \$195.00**

(Inch Size)

**Air Die Grinder**

Air inlet 1/4"



**QA-313A \$215.00**

(Metric Size)

**QA-313B \$215.00** IN STOCK!

(Inch Size)

**Air Die Grinder**

Air inlet 1/4"



**QA-315A \$247.00**

(Metric Size)

**QA-315B \$247.00**

(Inch Size)

**Air Die Grinder**

Air inlet 1/4"



**QA-211A \$129.00**

(Metric Size)

**QA-211B \$129.00** IN STOCK!

(Inch Size)

**Air Die Grinder**

Air inlet 1/4"



**QA-611A \$170.00**

(Metric Size)

**QA-611B \$170.00** IN STOCK!

(Inch Size)

**90° Air Angle Die Grinder**

Air inlet 1/4"





**QA-210A \$198.00**

(Metric Size)

**QA-210B \$198.00**

(Inch Size)

**Air Die Grinder Quick Release collet**

Air inlet 1/4"

Quick release collet makes grinding stone switching efficiently.



**QA-0115A/B(SET) QA-111 \$152.00**



**QA-0215A/B(SET) QA-211 \$164.00**



**QA-0615A/B(SET) QA-611 \$205.00**

**Air Die Grinder-Set 15pcs**

- 1pc Air Die Grinder ( A: Metric / B: SAE)
- 1pc Collet (3mm or 1/8")
- 2pcs Spanner Wrench
- 5pcs Grinder Stone (3mm or 1/8")
- 5pcs Shank Stone (6mm or 1/4")
- 1pc Plug (adapter)



**QA-0207A/B(SET) QA-210 \$198.00**

**Air Die Grinder-Set 7pcs**

- 1pc Air Die Grinder (QA-210)
- 5pcs shank stone (6mm or 1/4")
- 1pc Plug (adapter)



## ACCESSORIES

**QB-9213(SET)**

**\$12.50** Shank Stone Set  
(6mm or 1/4")

**QB-9211(SET)**

**\$8.50** Grinder Stone Set  
(3mm or 1/8")



	Collet Size	Collet Size	Free Speed	Avg. Air Consumption	Air Pressure	Overall Length	Motor	Net Weight	Air Hose	Sound Pressure	Vibration Level
	A mm	B inch	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	HP	LBS(kg)	Inch	dBA	m/s <sup>2</sup>
QA-111	6 & 3	1/4" & 1/8"	25000	10.0(283)	90(6.3)	6"(155)	0.3	0.84	3/8"	81.5	1.8
QA-311	6 & 3	1/4" & 1/8"	25000	10.0(283)	90(6.3)	7-1/2"(190)	0.3	1.06	3/8"	81.5	1.8
QA-313	6 & 3	1/4" & 1/8"	25000	10.0(283)	90(6.3)	9-1/4"(235)	0.3	1.28	3/8"	81.5	1.8
QA-315	6 & 3	1/4" & 1/8"	25000	10.0(283)	90(6.3)	11"(280)	0.3	1.39	3/8"	81.5	1.8
QA-211	6 & 3	1/4" & 1/8"	20000	10.0(283)	90(6.3)	7-1/2"(190)	0.9	1.43	3/8"	75.7	0.8
QA-611	6 & 3	1/4" & 1/8"	19000	10.0(283)	90(6.3)	6-1/8"(160)	0.3	1.12	3/8"	74.4	1.7
QA-210	6	1/4"	20000	10.0(283)	90(6.3)	7-1/2"(190)	0.9	1.43	3/8"	75.7	0.8



Complete air tool solutions

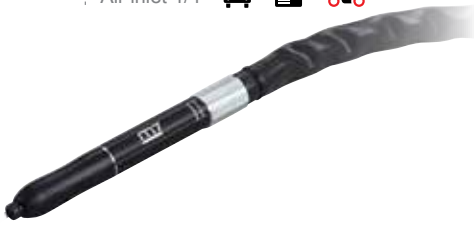
# MICRO AIR DIE GRINDER



**QA-412 \$281.00**

A : 3mm B : 1/8"  
Micro Air Die Grinder

Air inlet 1/4"



**QA-421 \$258.00**

A : 3mm B : 1/8"  
Micro Air Die Grinder

Air inlet 1/4"



**QA-432 \$244.00**

A : 3mm B : 1/8"  
Micro Air Die Grinder

Air inlet 1/4"



**QA-511 \$157.00**

Engraving Pen

Air inlet 1/4"



**QA-441 \$443.00**

Heavy Duty Micro Air Die Grinder

Air inlet 1/4"



	Collet Size	Free Speed	Blow Per Minute	Avg. Air Consumption	Air Pressure	Overall Length	Hose Length	Net Weight	Air Hose	Sound Pressure	Vibration Level	
	inch(mm)	R.P.M	bpm	CFM (L/min)	PSI (bar)	Inch (mm)	mm	LBS(kg)	Inch	dBA	m/s <sup>2</sup>	
			<b>bpm</b>									
QA-412	1/8" (3)	60000	-----	2.7(76)	90(6.3)	6-3/4"(170)	1500	0.53	0.24	3/8"	70.0	0.5
QA-421	1/8" (3)	60000	-----	2.7(76)	90(6.3)	6"(150)	1500	0.49	0.22	3/8"	70.0	0.5
QA-432	1/8" (3)	70000	-----	1.0(29)	90(6.3)	5-3/8"(137)	1425	0.4	0.20	3/8"	70.0	0.5
QA-511	-----	-----	13000	1.0(29)	90(6.3)	5-1/2"(140)	1420	0.5	0.23	3/8"	78.0	0.6
QA-441	1/8"(3)	60000	-----	2.0(56)	90(6.3)	5-5/16"(135)	1500	0.46	0.21	3/8"	71.0	1.0



# AIR ANGLE GRINDER

Complete air tool solutions



# AIR ANGLE GRINDER

Complete air tool solutions



**QB-104 \$389.00**  
**QB-105 \$404.00**

**Air Angle Grinder / Roll Type Throttle**

Note : The grinding wheel is not supplied along with the tool

Air inlet 1/4"



**QB-114 \$363.00**  
**QB-115 \$368.00**

**Air Angle Grinder / Lever Type Throttle**

Note : The grinding wheel is not supplied along with the tool

Air inlet 1/4"



**QB-124 \$349.00**  
**QB-125 \$354.00**

**Air Angle Grinder / Lever Type Throttle**

Note : The grinding wheel is not supplied along with the tool

Air inlet 1/4"



**QB-134 \$305.00**  
**QB-135 \$310.00**  
**QB-154 \$305.00**  
**QB-155 \$310.00**

**Air Angle Grinder / Lever Type Throttle**

Note : The grinding wheel is not supplied along with the tool

Air inlet 1/4"



# AIR ANGLE GRINDER

SUPPORT | VALUE | EXPERTISE



**QB-144 \$305.00**  
**QB-145 \$310.00**  
**QB-164 \$305.00**  
**QB-165 \$310.00**

**IN STOCK!**

**Air Angle Grinder / Roll Type Throttle**

Note : The grinding wheel is not supplied along with the tool

Air inlet 1/4"



**QB-107 \$639.00**

**Air Angle Grinder / Roll Type Throttle**

Note : The grinding wheel is not supplied along with the tool

Air inlet 1/4"



**QB-117 \$701.00**

**Air Angle Grinder / Lever Type Throttle**

Note : The grinding wheel is not supplied along with the tool

Air inlet 1/4"



**QB-197Q \$865.00**

**Air Angle Grinder / Lever Type Throttle**

Note : The grinding wheel is not supplied along with the tool

Air inlet 1/4" **MIGHTY QUIET**



	Pad Dia inch(mm)	Spindle Size	Free Speed R.P.M	Avg. Air Consumption CFM (L/min)	Air Pressure PSI (bar)	Overall Length Inch (mm)	Motor HP	Net Weight LBS(kg)	Air Hose Inch	Sound Pressure dBA	Vibration Level m/s <sup>2</sup>
QB-104	4"(100)	3/8"-24	11000	6.0(170)	90(6.3)	8-7/8"(226)	0.78	4.0 1.81	3/8"	87.8	1.2
QB-105	5"(125)	3/8"-24	11000	6.0(170)	90(6.3)	8-7/8"(226)	0.78	4.0 1.81	3/8"	87.1	1.2
QB-114	4"(100)	3/8"-24	11000	6.0(170)	90(6.3)	9"(230)	0.78	4.0 1.81	3/8"	87.8	1.2
QB-115	5"(125)	3/8"-24	11000	6.0(170)	90(6.3)	9"(230)	0.78	4.0 1.81	3/8"	87.1	1.2
QB-124	4"(100)	3/8"-24	11000	6.0(170)	90(6.3)	9"(230)	0.80	3.8 1.73	3/8"	85.7	1.2
QB-125	5"(125)	5/8"-11	11000	6.0(170)	90(6.3)	9"(230)	0.80	3.9 1.78	3/8"	87.0	1.2
QB-134	4"(100)	M10xP1.5	11000	6.0(170)	90(6.3)	9"(230)	0.78	4.0 1.81	3/8"	87.8	1.2
QB-135	5"(125)	M14xP2.0	11000	6.0(170)	90(6.3)	9"(230)	0.78	4.0 1.81	3/8"	87.1	1.2
QB-144	4"(100)	M10xP1.5	11000	6.0(170)	90(6.3)	8-7/8"(226)	0.78	4.0 1.81	3/8"	87.8	1.2
QB-145	5"(125)	M14xP2.0	11000	6.0(170)	90(6.3)	8-7/8"(226)	0.78	4.0 1.81	3/8"	87.8	1.2
QB-154	4"(100)	3/8"-24	11000	6.0(170)	90(6.3)	9"(230)	0.78	3.8 1.73	3/8"	87.8	1.2
QB-155	5"(125)	3/8"-24	11000	6.0(170)	90(6.3)	9"(230)	0.78	3.8 1.73	3/8"	87.8	1.2
QB-164	4"(100)	3/8"-24	11000	6.0(170)	90(6.3)	8-7/8"(226)	0.78	4.0 1.81	3/8"	87.8	1.2
QB-165	5"(125)	3/8"-24	11000	6.0(170)	90(6.3)	8-7/8"(226)	0.78	4.0 1.81	3/8"	87.8	1.2
QB-107	7"(178)	-----	7000	9.0(255)	90(6.3)	11-1/4"(290)	1.0	7.1 3.24	1/2"	89.7	1.0
QB-117	7"(178)	-----	7000	9.0(255)	90(6.3)	13-1/2"(343)	1.0	7.1 3.24	1/2"	89.7	1.0
QB-197Q	7"(178)	5/8"-11	7000	6.0(170)	90(6.3)	13-15/16"(353)	1.0	6.8 3.10	3/8"	77.0	1.5



## QB-177 \$955.00

**Air Angle Grinder / Lever Type Throttle**

Note : The grinding wheel is not supplied along with the tool

Air inlet 3/8"   



## QB-179 \$1,055.00

**Air Angle Grinder / Lever Type Throttle**

Note : The grinding wheel is not supplied along with the tool

Air inlet 3/8"   



## QB-7114(S/M) \$390.00

## QB-7115(S/M) \$425.00

## QB-7145(S/M) \$405.00

**Air Angle Grinder / Lever Type Throttle**

Note : The grinding wheel is not supplied along with the tool

Air inlet 1/4"   

- 1.3 HP Motor For stall resistance .One piece housing reduces maintenance costs .
- Heavy duty air cooled spiral gears and double bearings for durability .



## ACCESSORIES


### QB-904 \$3.50

### QB-905 \$5.00












### QB-907 \$7.00


4"/5"/7" Grinding wheel



Item No.		For Item No.
QB-904	100x6x16 4"x1/4"x5/8"	QB-104/114/134 /144/154/164 /124 /7114
QB-905	125x6x22 5"x1/4"x7/8"	QB-105/115/135 /145/155/165 /125/7115
QB-907	180x6x22 7"x1/4"x7/8"	QB-107/117 /197Q/177



	Pad Dia inch(mm)	Spindle Size	Free Speed R.P.M	Avg. Air Consumption CFM (L/min)	Air Pressure PSI (bar)	Overall Length Inch (mm)	Motor HP	Net Weight LBS(kg)	Air Hose Inch	Sound Pressure dBA	Vibration Level m/s <sup>2</sup>
											
QB-177	7"(178)	5/8"-11	7600	6.0(170)	90(6.3)	11-13/16"(170)	1.0	7.26 3.3	3/8"	92.0	2.7
QB-179	9"(230)	5/8"-11	6000	7.0(198)	90(6.3)	11"(279)	3.8	13.2 6.0	3/4"	86.0	2.1
QB-7114(S/M)	4"(100)	3/8"-24 / M12*P1.5	11000	4.2(119)	90(6.3)	9-1/8"(232)	1.30	4.0 1.81	3/8"	90.0	1.2
QB-7115(S/M)	5"(125)	5/8"-11 / M14*P2.0	11000	4.2(119)	90(6.3)	8-7/8"(232)	1.30	4.0 1.81	3/8"	90.0	1.2
QB-7145(S/M)	4-1/2"(114)	5/8"-11 / M14*P2.0	11000	4.2(119)	90(6.3)	9-1/8"(232)	1.30	4.0 1.81	3/8"	90.0	1.2



Complete air tool solutions

# HEAVY DUTY AIR CUT-OFF TOOL AND BELT SANDER



# AIR BELT SANDER

Complete air tool solutions



**QB-311 \$242.00**

**Air Belt Sander**

Air inlet 1/4"



**QB-312 \$439.00**

**Air Belt Sander**

Air inlet 1/4"

IN STOCK!



**QB-313 \$584.00**

**Air Belt Sander**

Air inlet 1/4"



**QB-321 \$248.00**

**Air Belt Sander**

Air inlet 1/4"



**QB-322 \$379.00**  
**QB-322C \$379.00**

**Air Belt Sander**

Air inlet 1/4"

QB-322C: Rubber pulley



**QB-324 \$302.00**

**Air Belt Sander**

Air inlet 1/4"



# HEAVY DUTY AIR CUT-OFF TOOL

SUPPORT | VALUE | EXPERTISE



## QC-213 \$127.00

Heavy Duty Air Cut-Off Tool (Wheel Size 3")

Air inlet 1/4"    

Note: wheel is supplied with the tool  
Spindle : Ø 10mm



## QC-234 \$373.00

4" Air Corner Cut-Off Tool

Air inlet 1/4"    

Available Dimension of inner hold : Ø 10mm Ø 16mm



## ACCESSORIES

### QB-91108 \$19.00

### QB-91110 \$19.00

### QB-91208 \$24.00

### QB-91210 \$24.00



Abrasive Cloth Belt  
10 pcs / 1 Set



### QB-913 \$2.00

3" Cut-off Wheel

3"x1/16"x3/8" Arbor Hole

Available Dimension of inner hold : Ø 10mm Ø 16mm



Item No.	Belt Size	
QB-91108	3/8" X 13" #80 Grit	for QB-311 / QB-321
QB-91110	3/8" X 13" #100 Grit	
QB-91208	3/4" X 20-1/2" #80 Grit	for QB-312 / QB-322
QB-91210	3/4" X 20-1/2" #100 Grit	

	Belt Size Pad Dia	Free Speed	Avg. Air Consumption	Air Pressure	Overall Length	Motor	Net Weight		Air Hose	Sound Pressure	Vibration Level
	inch(mm)	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	HP	LBS	kg	Inch	dBA	m/s <sup>2</sup>
QB-311	3/8"x13"(10x330)	16000	8.0(226)	90(6.3)	11-1/2"(290)	-----	1.76	0.80	3/8"	89.7	0.5
QB-312	3/4" X 20-1/2"(20x520)	16000	9.0(254)	90(6.3)	14"(360)	-----	2.65	1.20	3/8"	91.8	0.4
QB-313	1-3/16"x21-1/4"(30x540)	13000	10.0(283)	90(6.3)	15-3/8"(390)	-----	5.28	2.40	3/8"	81.0	1.2
QB-321	3/8"x13"(10x330)	16000	4.0(113)	90(6.3)	12-5/8"(320)	-----	2.10	0.95	3/8"	88.0	1.0
QB-322	3/4" X 20-1/2"(20x520)	16000	4.0(113)	90(6.3)	17"(430)	-----	3.10	1.40	3/8"	88.0	1.3
QB-324	1/2"x24"(12.7x610)	16000	4.0(113)	90(6.3)	18"(455)	-----	2.4	1.10	3/8"	88.0	1.1
QC-213	3"(75)	20000	10.0(283)	90(6.3)	7-7/8"(200)	0.9	1.9	0.86	3/8"	80.2	10.8
QC-234	4"(100)	16000	10.0(283)	90(6.3)	14"(355)	0.9	3.5	1.59	3/8"	85.0	5.0





# AIR SANDER

Complete air tool solutions



**QB-52502 \$265.00**

**QB-52602 \$270.00**

**Air Random Orbital Sander  
Non-Vacuum**

Air inlet 1/4"



**QB-53802 \$290.00**

**QB-53902 \$295.00**

**Air Random Orbital Sander  
Self-Generated Vacuum**

Air inlet 1/4"



**QB-48111 (Jitterbug Sander) \$519.00**

**Air Random Orbital Sander Non-Vacuum**

Air inlet 1/4"

- Spring cock can reduce the material cost of abrasive paper.
- Elastic mechanism for durability and long lifespan.
- Lower body with low center designed, while operating can be steady with face.



	Pad Dia	Free Speed	Avg. Air Consumption	Air Pressure	Overall Length	Motor	Net Weight	Air Hose	Sound Pressure	Vibration Level	orbit
	inch(mm)	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	HP	LBS(kg)	Inch	dBA	m/s <sup>2</sup>	mm
QB-52502	5"(127)	10000	6(170)	90(6.3)	6"(153)	0.24	2.2 1.00	3/8"	87.6	0.7	5.0
QB-52602	6"(152)	10000	6(170)	90(6.3)	6-1/2"(166)	0.24	2.65 1.20	3/8"	87.6	1.7	5.0
QB-53802	5"(127)	10000	6(170)	90(6.3)	6"(153)	0.24	2.2 1.00	3/8"	86.2	0.5	5.0
QB-53902	6"(152)	10000	6(170)	90(6.3)	6-1/2"(166)	0.24	2.65 1.20	3/8"	80.1	1.2	5.0
QB-48111	4"x4-3/8"(100x110)	11000	7.0(198)	90(6.3)	5-1/5"(130)	0.28	2.0 0.91	3/8"	83.0	1.5	2.5

# AIR SANDER

Complete air tool solutions



**QB-45602 \$363.00**  
**QB-45612 \$363.00**

Air Random Orbital Sander  
 Central-Vacuum

Air inlet 1/4"   



**QB-46502 \$350.00**  
**QB-46512 \$350.00**  
**QB-46602 \$350.00**  
**QB-46612 \$350.00**

Air Random Orbital Sander  
 Non-Vacuum

Air inlet 1/4"   



**QB-47602 \$391.00**  
**QB-47612 \$391.00**

Air Random Orbital Sander  
 Self-Generated Vacuum

Air inlet 1/4"   





## QB-41902 \$547.00

Air Random Orbital Sander  
Central-Vacuum

Air inlet 1/4"    



## QB-42502 \$498.00

## QB-42602 \$503.00

Air Random Orbital Sander  
Non-Vacuum

Air inlet 1/4"    















## QB-43802 \$604.00

## QB-43902 \$604.00

Air Random Orbital Sander  
Self-Generated Vacuum

Air inlet 1/4"    



	Pad Dia	Free Speed	Avg. Air Consumption	Air Pressure	Overall Length	Motor	Net Weight		Air Hose	Sound Pressure	Vibration Level	orbit
	inch(mm)	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	HP	LBS(kg)		Inch	dBA	m/s <sup>2</sup>	mm
												
QB-45602	6"(152)	10000	3.85(109)	90(6.3)	7-1/2"(193)	0.24	1.85	0.84	3/8"	81.6	7.1	5.0
QB-45612	6"(152)	10000	3.85(109)	90(6.3)	7-1/2"(193)	0.24	1.85	0.84	3/8"	81.6	7.1	2.5
QB-46502	5"(127)	10000	3.85(109)	90(6.3)	6"(153)	0.24	1.74	0.79	3/8"	80.1	7.1	5.0
QB-46512	5"(127)	10000	3.85(109)	90(6.3)	6"(153)	0.24	1.74	0.79	3/8"	80.1	7.1	2.5
QB-46602	6"(152)	10000	3.85(109)	90(6.3)	6-1/2"(166)	0.24	1.74	0.79	3/8"	80.1	7.1	5.0
QB-46612	6"(152)	10000	3.85(109)	90(6.3)	6-1/2"(166)	0.24	1.74	0.79	3/8"	80.1	7.1	2.5
QB-47602	6"(152)	10000	3.85(109)	90(6.3)	7-1/2"(193)	0.24	2.49	1.13	3/8"	84.7	7.1	5.0
QB-47612	6"(152)	10000	3.85(109)	90(6.3)	7-1/2"(193)	0.24	2.49	1.13	3/8"	84.7	7.1	2.5
QB-41902	6"(152)	10000	3.85(109)	90(6.3)	8"(206)	0.24	2.0	0.91	3/8"	81.5	0.8	5.0
QB-42502	5"(127)	10000	3.85(109)	90(6.3)	6"(153)	0.24	1.78	0.81	3/8"	75.7	0.6	5.0
QB-42602	6"(152)	10000	3.85(109)	90(6.3)	6-1/2"(166)	0.24	1.87	0.85	3/8"	74.4	1.3	5.0
QB-43802	5"(127)	10000	3.85(109)	90(6.3)	8"(206)	0.24	3.28	1.49	3/8"	83.9	1.3	5.0
QB-43902	6"(152)	10000	3.85(109)	90(6.3)	8-3/4"(221)	0.24	3.39	1.54	3/8"	83.0	1.4	5.0

# AIR SANDER

Complete air tool solutions



**QB-54602 \$286.00**

**Air Random Orbital Sander  
Central-Vacuum**

Air inlet 1/4"   



**QB-55502 \$245.00**

**QB-55602 \$250.00**

**Air Random Orbital Sander  
Non-Vacuum**

Air inlet 1/4"   

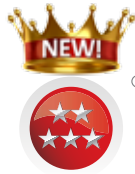


**QB-56602 \$348.00**

**Air Random Orbital Sander  
Self-Generated Vacuum**

Air inlet 1/4"   





**QB-57602 \$398.00**

Air 2-Hand Random Orbital Sander  
Central-Vacuum

Air inlet 1/4"

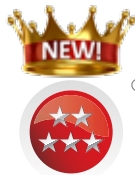


**QB-58502 \$400.00**

**QB-58602 \$405.00**

Air 2-Hand Random Orbital Sander  
Non-Vacuum

Air inlet 1/4"



**QB-59602 \$435.00**

Air 2-Hand Random Orbital Sander  
Self-Generated Vacuum

Air inlet 1/4"



## ACCESSORIES

**PAD** QB-9326 / SIX HOLE 6" **\$48.00**  
QB-9327 / FIFTEEN HOLE 6" **\$60.00**

Air Random Orbital Sander - Accessories



	Pad Dia	Free Speed	Avg. Air Consumption	Air Pressure	Overall Length	Motor	Net Weight	Air Hose	Sound Pressure	Vibration Level	orbit
	inch(mm)	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	HP	LBS(kg)	Inch	dBa	m/s <sup>2</sup>	mm
QB-54602	6"(152)	10000	3.0(85)	90(6.3)	8-1/4"(210)	0.24	1.70 0.78	3/8"	81.6	7.1	5.0
QB-55502	5"(127)	10000	3.0(85)	90(6.3)	6-5/32"(157)	0.24	1.43 0.65	3/8"	81.6	7.1	5.0
QB-55602	6"(152)	10000	3.0(85)	90(6.3)	6-11/16"(157)	0.24	1.50 0.68	3/8"	81.6	7.1	5.0
QB-56602	6"(152)	10000	3.0(85)	90(6.3)	8-1/4"(210)	0.24	1.70 0.78	3/8"	81.6	7.1	5.0
QB-57602	6"(152)	10000	3.10(88)	90(6.3)	9-7/16"(240)	0.24	2.6 1.2	3/8"	80.0	0.8	5.0
QB-58502	5"(152)	10000	3.10(88)	90(6.3)	9-7/16"(240)	0.24	2.6 1.2	3/8"	80.0	0.8	5.0
QB-58602	6"(152)	10000	3.10(88)	90(6.3)	9-7/16"(240)	0.24	2.6 1.2	3/8"	80.0	0.8	5.0
QB-59602	6"(152)	10000	3.10(88)	90(6.3)	9-7/16"(240)	0.24	2.6 1.2	3/8"	80.0	0.8	5.0

# AIR PISTOL SANDER

Complete air tool solutions



**QP-113 \$250.00**

**Air Pistol Sander**

Air inlet 1/4"



**QP-123 260.00**

**Air Pistol Polisher**

Air inlet 1/4"



**QB-9403 \$14.00**

**Rough(3")**

For QP-113

**QB-9413 \$14.00**

**Medium(3")**

For QP-123



## ACCESSORIES

### PAD & SPONGE

Air Pistol Sander - Accessories

**QB-9323(3"PAD)**

**\$31.00**



	Pad Dia	Free Speed	Avg. Air Consumption	Air Pressure	Overall Length	Motor	Net Weight	Air Hose	Sound Pressure	Vibration Level	orbit
	inch(mm)	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	HP	LBS(kg)	Inch	dBA	m/s <sup>2</sup>	mm
<b>QP-113</b>	3"(76)	15000	3.5(99)	90(6.3)	5"(127)	0.40	1.58 0.72	3/8"	74.0	0.3	2.5
<b>QP-123</b>	3"(76)	2100	3.5(99)	90(6.3)	5-5/16"(135)	0.40	1.69 0.77	3/8"	74.0	0.3	----



**QG-102 \$160.00**

Air Shear / Straight Type

Air inlet 1/4"



**QG-202 \$149.00**

Air Shear / Pistol Type

Air inlet 1/4"



**QG-103 \$156.00**

Air Nibbler

Air inlet 1/4"



**PN-150 \$173.00**

Air Punch & Flange Tool

Air inlet 1/4"



## ACCESSORIES



**QG-202K01 \$32.00**

3 Pcs Blade Set For QG-202



Punch Diameter	Capacity	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight	Air Hose	Sound Pressure	Vibration Level	
mm	mm	CFM (L/min)	PSI (bar)	Inch (mm)	LBS kg	Inch	dBA	m/s <sup>2</sup>	
PN-150	5	1.6 mm (Steel)	4.0(113)	90(6.3)	10"(254)	2.5 1.15	3/8"	62.0	0.1

Strokes Per min	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight	Air Hose	Sound Pressure	Vibration Level	Cut Capacity
S.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	LBS kg	Inch	dBA	m/s <sup>2</sup>	mm
<b>S.P.M</b>								
QG-102	2600	6.0(170)	90(6.3)	10"(254)	2.2 1.0	3/8"	85.8	2.4 1.6
QG-202	2600	6.5(184)	90(6.3)	8-1/4"(210)	2.43 1.1	3/8"	89.1	2.9 1.6
QG-103	2600	3.0 (85)	90(6.3)	7-3/5"(193)	2.2 1.0	3/8"	88.0	2.8 1.6





## QD-221 \$284.00

### Air Saw With Hose

Air inlet 1/4"



- QD-905 5pcs. file set included.



## QD-291N \$240.00

### Air Saw Set

Air inlet 1/4"



- Quick change saw blade holder allows blade changing easily.
- 5 pieces file set and 12 saw blades are included.
- Adjustable guard / guide controls depth of cut precisely.

#### Contents

- Air saw tool (1 pcs)
- 24T Saw Blade (6 pcs)
- 32T Saw Blade (6 pcs)
- Allen Key: 4mm, 3mm (1 pcs)
- 1/4" 360° plug
- 5 Pieces file set
- Mini oiler 1/4" (1 pcs)



## QD-905 \$42.00

### File Set



# ACCESSORIES



## QD-924 \$26.00

### 24T Saw Blade Bi-Metal Material

Air inlet 1/4"



## QD-932 \$26.00

### 32T Saw Blade Bi-Metal Material

Air inlet 1/4"



	Strokes Length mm	Strokes Per min. S.P.M	Collef Size mm	Avg. Air Consumption CFM (L/min)	Air Pressure PSI (bar)	Overall Length Inch (mm)	Net Weight LBS kg	Air Hose Inch	Sound Pressure dBA	Vibration Level m/s <sup>2</sup>
		S.P.M								
QD-221	10	5000	4.0	4.0 (113)	90(6.3)	9-3/4"(250)	1.76 0.8	3/8"	81.9	4.1
QD-291	10	9000	5.0	4.0 (113)	90(6.3)	9-1/4"(235)	1.32 0.6	3/8"	80.0	2.4

# AIR DRILL

Complete air tool solutions



# AIR DRILL

Complete air tool solutions






**QE-331 \$145.00**

3/8" Air Reversible Drill With Keyless Chuck  
Air inlet 1/4"   




**QE-332 \$133.00**

3/8" Air Drill With Keyless Chuck  
Air inlet 1/4"   



**QE-333 \$125.00**

3/8" Air Reversible Drill With Key Chuck  
Air inlet 1/4"   



**QE-334 \$113.00**

3/8" Air Drill With Key Chuck  
Air inlet 1/4"   



**QE-98L \$12.00**

Double Axis Bubble Spirit Level Gradienter





## QE-341 \$236.00

1/2" Air Reversible Drill  
With Keyless Chuck

Air inlet 1/4"   



## QE-342 \$226.00

1/2" Air Drill  
With Keyless Chuck

Air inlet 1/4"   



## QE-343 \$206.00

1/2" Air Reversible Drill  
With Key Chuck

Air inlet 1/4"   













## QE-344 \$200.00

1/2" Air Drill  
With Key Chuck

Air inlet 1/4"   



	Chuck Size	Free Speed	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight	Air Hose	Sound Pressure	Vibration Level
	inch(mm)	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	LBS kg	Inch	dBA	m/s <sup>2</sup>
						 			
QE-331	3/8"(10)	1800	6.5(184)	90(6.3)	8"(203)	2.42 1.1	3/8"	96.5	0.3
QE-332	3/8"(10)	2200	6.5(184)	90(6.3)	7-1/2"(190)	2.20 1.0	3/8"	96.5	0.3
QE-333	3/8"(10)	1800	6.5(184)	90(6.3)	8"(203)	2.42 1.1	3/8"	92.0	0.2
QE-334	3/8"(10)	2200	6.5(184)	90(6.3)	7-1/2"(190)	2.20 1.0	3/8"	92.0	0.2
QE-341	1/2"(13)	800	6.5(184)	90(6.3)	9"(230)	3.96 1.8	3/8"	96.5	0.1
QE-342	1/2"(13)	800	6.5(184)	90(6.3)	8-1/4"(209)	3.74 1.7	3/8"	96.5	0.1
QE-343	1/2"(13)	800	6.5(184)	90(6.3)	9"(230)	3.96 1.8	3/8"	97.5	0.1
QE-344	1/2"(13)	800	6.5(184)	90(6.3)	8-1/4"(209)	3.74 1.7	3/8"	97.5	0.1

# AIR DRILL

Complete air tool solutions



**QE-431 \$308.00**

3/8" Air Reversible Drill  
With Keyless Chuck

Air inlet 1/4"     



**QE-432 \$250.00**

3/8" Air Drill  
With Keyless Chuck

Air inlet 1/4"     



**QE-433 \$308.00**

3/8" Air Reversible Drill  
With Key Chuck

Air inlet 1/4"     



**QE-434 \$250.00**

3/8" Air Drill  
With Key Chuck

Air inlet 1/4"     





## QE-441 \$395.00

1/2" Air Reversible Drill  
With Keyless Chuck

Air inlet 1/4"     



## QE-442 \$354.00

1/2" Air Drill  
With Keyless Chuck

Air inlet 1/4"     



## QE-443 \$395.00

1/2" Air Reversible Drill  
With Key Chuck

Air inlet 1/4"     













## QE-444 \$354.00

1/2" Air Drill  
With Key Chuck

Air inlet 1/4"     



	Chuck Size	Free Speed	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight		Air Hose	Sound Pressure	Vibration Level
	inch(mm)	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	LBS	kg	Inch	dBA	m/s <sup>2</sup>
										
QE-431	3/8"(10)	1800	4.0(112)	90(6.3)	8-29/32"(226)	2.6	1.18	3/8"	90.0	3.0
QE-432	3/8"(10)	2200	4.8(135)	90(6.3)	8-29/32"(226)	2.6	1.18	3/8"	90.0	3.0
QE-433	3/8"(10)	1800	4.0(112)	90(6.3)	9-1/16"(230)	2.7	1.23	3/8"	90.0	3.0
QE-434	3/8"(10)	2200	4.8(135)	90(6.3)	9-1/16"(230)	2.7	1.23	3/8"	90.0	3.0
QE-441	1/2"(13)	1100	4.0(112)	90(6.3)	10-53/64"(270)	3.5	1.58	3/8"	90.0	3.0
QE-442	1/2"(13)	1300	4.8(135)	90(6.3)	10-53/64"(270)	3.5	1.58	3/8"	90.0	3.0
QE-443	1/2"(13)	1100	4.0(112)	90(6.3)	10-53/64"(270)	3.8	1.73	3/8"	90.0	3.0
QE-444	1/2"(13)	1300	4.8(135)	90(6.3)	10-53/64"(270)	3.8	1.73	3/8"	90.0	3.0

# AIR DRILL

Complete air tool solutions



**QE-532 \$469.00**

**3/8" Air Drill  
With Keyless Chuck**

Air inlet 1/4"     



**QE-533 \$485.00**

**3/8" Air Reversible Drill  
With Key Chuck**

Air inlet 1/4"     



**QE-542 \$653.00**

**1/2" Air Drill  
With Keyless Chuck**

Air inlet 1/4"     



**QE-543 \$711.00**

**1/2" Air Reversible Drill  
With Key Chuck**

Air inlet 1/4"     





## QE-831 \$154.00

3/8" Air Reversible Drill  
With Keyless Chuck

Air inlet 1/4" MIGHTY QUIET



## QE-833 \$138.00

3/8" Air Reversible Drill  
With Key Chuck

Air inlet 1/4" MIGHTY QUIET



## QE-841 \$233.00

1/2" Air Reversible Drill  
With Keyless Chuck

Air inlet 1/4" MIGHTY QUIET



## QE-843 \$200.00

1/2" Air Reversible Drill  
With Key Chuck

Air inlet 1/4" MIGHTY QUIET



	Chuck Size	Free Speed	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight		Air Hose	Sound Pressure	Vibration Level
	inch(mm)	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	LBS	kg	Inch	dBA	m/s <sup>2</sup>
QE-831	3/8"(10)	1800	4.0(113)	90(6.3)	7-1/4"(185)	2.5	1.10	3/8"	83.0	0.3
QE-833	3/8"(10)	1800	4.0(113)	90(6.3)	7-1/4"(185)	2.5	1.10	3/8"	83.0	0.3
QE-841	1/2"(13)	1100	4.0(113)	90(6.3)	8-1/4"(210)	3.7	1.70	3/8"	83.0	0.3
QE-843	1/2"(13)	1100	4.0(113)	90(6.3)	8-1/4"(210)	3.9	1.80	3/8"	83.0	0.3
QE-532	3/8"(10)	2800	4.8(135)	90(6.3)	9-9/16"(243)	2.7	1.23	3/8"	90.0	2.0
QE-533	3/8"(10)	2200	4.0(112)	90(6.3)	9-13/32"(189)	2.7	1.23	3/8"	90.0	2.0
QE-542	1/2"(13)	1300	4.8(135)	90(6.3)	11-1/64"(280)	3.8	1.73	3/8"	90.0	2.0
QE-543	1/2"(13)	1100	4.0(112)	90(6.3)	10-55/64"(276)	3.8	1.73	3/8"	90.0	2.0





# AIR SCREWDRIVER

Complete air tool solutions

# AIR SCREWDRIVER

SUPPORT | VALUE | EXPERTISE



## RA-101 \$106.00

Air Screwdriver (Twin Dog Type)  
Screw capacity:M4

Air inlet 1/4"



## RA-102 \$191.00

Air Screwdriver (Twin Dog Type)  
Screw capacity:M5

Air inlet 1/4"



## RA-105 \$345.00

Air Screwdriver (Twin Dog Type)  
Screw capacity:M6

Air inlet 1/4"



## RA-110 \$350.00

Air Screwdriver (Twin Hammer Type)  
Screw capacity:M6

Air inlet 1/4"



	Chuck Size	Torque Range	Free Speed	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight	Air Hose	Sound Pressure	Vibration Level
	inch(mm)	FT-LB(Nm)	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	LBS kg	Inch	dBA	m/s <sup>2</sup>
RA-101	1/4"(6.35)	3.7-8.9(5-12)	9000	6.0(170)	90(6.3)	6-1/2"(166)	1.32 0.6	3/8"	85.7	2.2
RA-102	1/4"(6.35)	3.7-10.3(5-14)	9000	6.0(170)	90(6.3)	6-3/4"(172)	1.54 0.7	3/8"	86.7	3.7
RA-105	1/4"(6.35)	3.7-16.2(5-22)	8500	8.5(241)	90(6.3)	8-1/4"(208)	2.2 1.0	3/8"	96.7	4.9
RA-110	1/4"(6.35)	3.7-29.5(5-40)	8500	8.5(241)	90(6.3)	8-1/4"(208)	2.2 1.0	3/8"	96.7	4.9

# AIR SCREWDRIVER

Complete air tool solutions



**RA-111 \$385.00**

**Air Screwdriver (Twin Hammer Type)**  
Screw capacity: M8

Air inlet 1/4"   

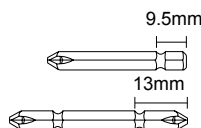


**RA-201 \$379.00**

**Air Screwdriver (Twin Dog Type)**  
Screw capacity: M6

Air inlet 1/4"    

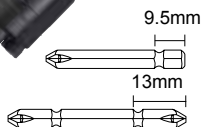
**IN STOCK!**



**RA-606 \$476.00**

**Air Screwdriver (Twin Dog Type)**  
Screw capacity: M6

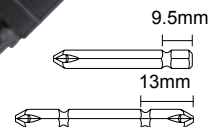
Air inlet 1/4"    



**RA-608 \$632.00**

**Air Screwdriver (Twin Dog Type)**  
Screw capacity: M8

Air inlet 1/4"    



# AIR SCREWDRIVER

SUPPORT | VALUE | EXPERTISE



## RA-301 \$195.00

Air Screwdriver Adjustable Clutch  
Screw capacity: M4

Air inlet 1/4"



## RA-302 \$221.00

Air Screwdriver Adjustable Clutch  
Screw capacity: M6

Air inlet 1/4"



## RA-801 \$203.00

Air Screwdriver Adjustable Clutch  
Screw capacity: M4

Air inlet 1/4" MIGHTY QUIET



## RA-802 \$226.00

Air Screwdriver Adjustable Clutch  
Screw capacity: M6

Air inlet 1/4" MIGHTY QUIET



	Chuck Size	Torque Range	Free Speed	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight	Air Hose	Sound Pressure	Vibration Level
	inch(mm)	FT-LB(Nm)	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	LBS kg	Inch	dBA	m/s <sup>2</sup>
RA-111	3/8"(10.0)	3.7-36.9(5-50)	8500	8.5(255)	90(6.3)	8-1/4"(208)	2.2 1.0	3/8"	96.7	4.9
RA-201	1/4"(6.35)	3.7-18.5(5-25)	10000	9.0(255)	90(6.3)	7"(180)	2.65 1.2	3/8"	93.0	5.3
RA-606	1/4"(6.35)	3.7-33.2(5-45)	8000	5.6(160)	90(6.3)	7-4/5"(198)	2.2 1.0	3/8"	82.0	2.2
RA-608	1/4"(6.35)	3.7-42.8(5-58)	8000	4.6(130)	90(6.3)	8-9/16"(217)	2.86 1.3	3/8"	86.0	3.5
RA-301	1/4"(6.35)	3.8-10(5-13.5)	1800	6.0(170)	90(6.3)	7-1/2"(190)	2.43 1.1	3/8"	95.3	4.2
RA-302	1/4"(6.35)	3.8-12(5-16.3)	800	6.0(170)	90(6.3)	9"(226)	2.87 1.3	3/8"	96.5	2.2
RA-801	1/4"(6.35)	3.8-10.4(5-14)	1800	4.0(113)	90(6.3)	7-3/4"(195)	2.70 1.2	3/8"	83.0	4.2
RA-802	1/4"(6.35)	3.8-13.3(5-18)	800	4.0(113)	90(6.3)	8-9/32"(210)	2.87 1.3	3/8"	83.0	4.2

# SHUT-OFF SCREWDRIVER

Complete air tool solutions



**RA-3011 \$768.00** ✓ IN STOCK!

**RA-3017 \$768.00**

**RA-3023 \$768.00**

**RA-4008 \$811.00**

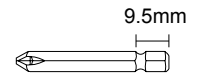
**RA-4015 \$811.00**

**RA-4021 \$811.00**

**RA-5005 \$886.00** ✓ IN STOCK!

**RA-5008 \$886.00**

**RA-5017 \$886.00**



## Shut-off Screwdriver

Air inlet 1/4"

- Proved by the life-time tester, these items can be operated continuously up to 1.5 million times.
- Industrial grade, excellent for long continuous operation on various mass production lines.
- Precise machined components, unique internal mechanism design.
- Low noise and vibration rate, high adjustable accuracy up to + - 5%.
- Pressing to start level, ergonomic design, compact volume, light weight, easy and comfortable to operate.



	Chuck Size	Torque Range	Free Speed	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight		Air Hose	Sound Pressure	Vibration Level
	inch(mm)	IN-LB(Nm)	R.P.M	CFM (L/min)	PSI (bar)	Inch (mm)	LBS	kg	Inch	dBA	m/s <sup>2</sup>
<b>RA-3011</b>	1/4"(6.35)	9.7-18.5(1.1-2.1)	1100	7.0(198)	90(6.3)	7-3/8"(187)	0.94	0.42	1/4"	70.0	2.0
<b>RA-3017</b>	1/4"(6.35)	6.2-13.2(0.7-1.5)	1700	7.0(198)	90(6.3)	7-3/8"(187)	0.94	0.42	1/4"	70.0	2.0
<b>RA-3023</b>	1/4"(6.35)	3.5-8.8(0.4-1.0)	2300	7.0(198)	90(6.3)	7-3/8"(187)	0.94	0.42	1/4"	70.0	2.0
<b>RA-4008</b>	1/4"(6.35)	14.1-35.4(1.6-4.0)	800	10.5(297)	90(6.3)	8-1/4"(209)	1.43	0.65	1/4"	74.0	2.5
<b>RA-4015</b>	1/4"(6.35)	8.8-19.4(1.0-2.2)	1500	10.5(297)	90(6.3)	8-1/4"(209)	1.43	0.65	1/4"	74.0	2.5
<b>RA-4021</b>	1/4"(6.35)	8.8-13.2(1.0-1.7)	2100	10.5(297)	90(6.3)	8-1/4"(209)	1.43	0.65	1/4"	74.0	2.5
<b>RA-5005</b>	1/4"(6.35)	44.2-92.9(5.0-10.5)	480	17.5(495)	90(6.3)	9-1/2"(240)	2.2	1.0	3/8"	75.0	10
<b>RA-5008</b>	1/4"(6.35)	26.5-48.6(3.0-5.5)	800	17.5(495)	90(6.3)	9-1/2"(240)	2.2	1.0	3/8"	75.0	10
<b>RA-5017</b>	1/4"(6.35)	13.2-23.0(1.5-2.6)	1700	17.5(495)	90(6.3)	9-1/2"(240)	2.2	1.0	3/8"	75.0	10

# SPRING BALANCER

Complete air tool solutions



- SP-101 **\$56.00**
- SP-102 **\$60.00**
- SP-103 **\$70.00**
- SP-104 **\$95.00**
- SP-105 **\$107.00**
- SP-111 **\$56.00**
- SP-112 **\$60.00**
- SP-113 **\$65.00**

Spring Balancer

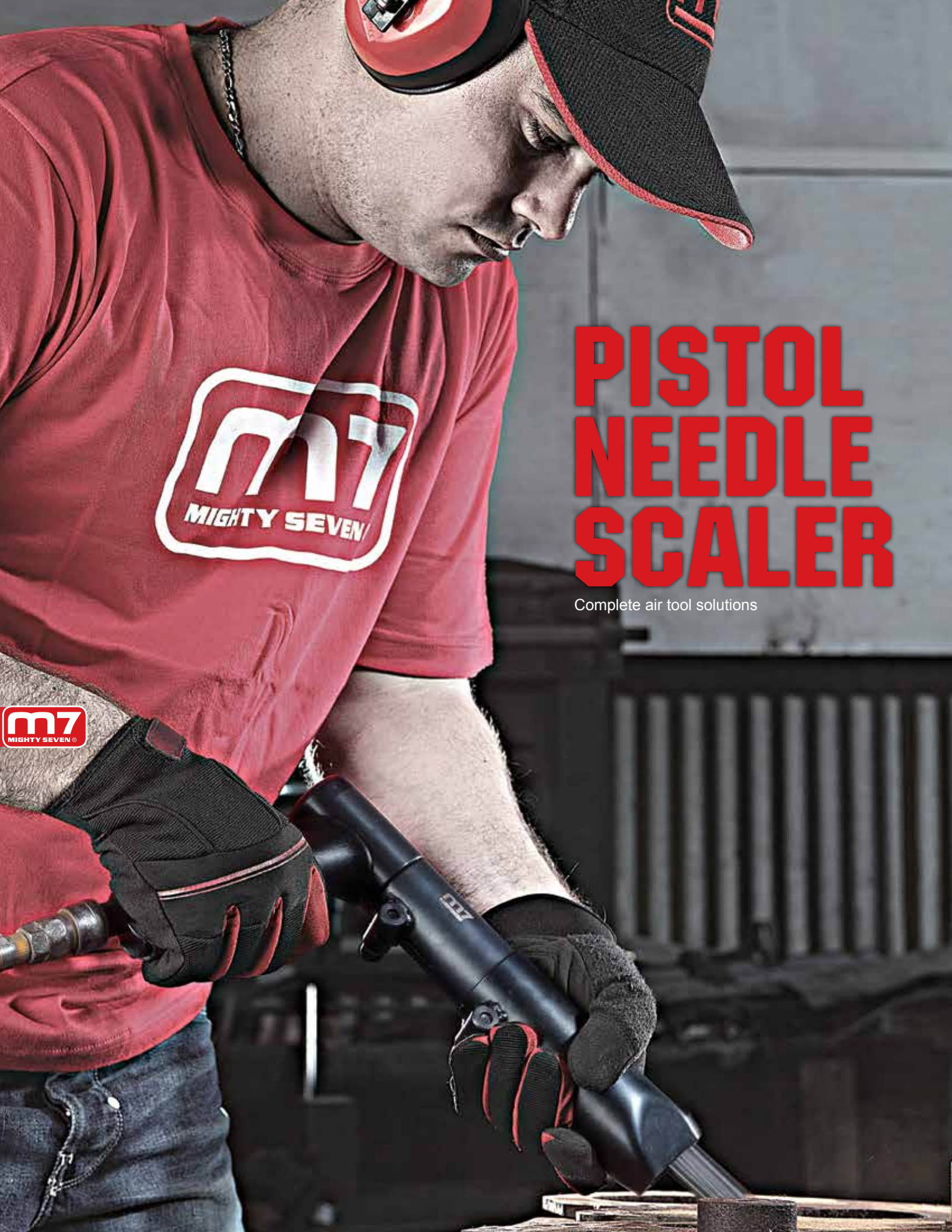


- SP-212 **\$82.00**
- SP-213 **\$82.00**

Spring Balancer



	Capacity	Travel	Rope	Rope Dia	Weight
	LBS(Kg)	m		mm	LBS(Kg)
SP-101	0.6~1.7 (0.3~0.8)	1.6	Cable	2.5	1.08 (0.49)
SP-102	1.3~3.3 (0.6~1.5)	1.6	Cable	2.5	1.14 (0.52)
SP-103	2.2~4.4 (1.0~2.0)	1.6	Cable	2.5	1.16 (0.53)
SP-104	3.3~6.6 (1.5~3.0)	1.5	Cable	3.2	1.67 (0.76)
SP-105	6.6~11.0 (3.0~5.0)	1.5	Cable	3.2	1.78 (0.81)
SP-111	0.6~1.7 (0.3~0.8)	1.6	Nylo	2.5	1.08 (0.49)
SP-112	1.3~3.3 (0.6~1.5)	1.6	Nylon	2.5	1.14 (0.52)
SP-113	2.2~4.4 (1.0~2.0)	1.6	Nylon	2.5	1.16 (0.53)
SP-212	0.6~2.6 (0.3~1.2)	1.6	Nylon	4.0	1.25 (0.57)
SP-213	1.7~4.4 (0.8~2.0)	1.6	Nylon	4.0	1.25 (0.57)



# PISTOL NEEDLE SCALER

Complete air tool solutions





## SN-1268 \$321.00

**Air Needle Scaler**

Air inlet 1/4"



## SN-1288 \$198.00

**Air Needle Scaler**

Air inlet 1/4"



## SN-2110 \$409.00

**Air Pistol Needle Scaler**

Air inlet 1/4"



## ACCESSORIES



### SN-268 \$38.00

(19 Needle Set ) 1/8" X 7-1/16"



### SN-288 \$28.00

(12 Needle Set ) 1/8" X 4-15/16"

Needle set

SN-268 for SN-1268 / SN2110



SN-288 for SN-1288



	Needle Diameter	Numbers of Needle	Stroke Length	Bolw Per Minute	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight	Air Hose	Sound Pressure	Vibration Level
	mm	inch(mm)	mm	bpm	CFM (L/min)	PSI (bar)	Inch (mm)	LBS kg	Inch	dBA	m/s <sup>2</sup>
SN- 2110	3x180	19	33	3700	15(424)	90(6.3)	13"(330)	6.16 2.8	3/8"	97.0	9.7
SN- 1268	3x180	19	28	4600	15(424)	90(6.3)	18-1/8"(460)	6.16 2.8	3/8"	91.0	13.7
SN- 1288	3x123	12	32	5500	3(84.96)	90(6.3)	11-3/8"(290)	2.86 1.3	3/8"	86.0	7.67



# AIR HAMMER

Complete air tool solutions



● **SC-211** **\$139.00** **✓ IN STOCK!**

◆ **SC-221** **\$146.00**

Air Hammer Round Shank  
Air Hammer Hex Shank

Air inlet 1/4"   



● **SC-212** **\$159.00** **✓ IN STOCK!**

◆ **SC-222** **\$166.00**

Air Hammer Round Shank  
Air Hammer Hex Shank

Air inlet 1/4"   



● **SN-1032** **\$253.00**

Air Flux Chipper

Air inlet 1/4"   



## SC-4 Chisel Set

- Flat Chisel
- Cutting Chisel
- Tapered Punch
- Ripping Chisel
- Tail Pipe Cutter



**✓ IN STOCK!**

● **SC-415** - Chisel Set / 175mmL / Round **\$32.00**

◆ **SC-425** - Chisel Set / 175mmL / Hex **\$32.00**

## SC-07C [Set] 7pcs

Air Hammer

- 1pc- Air Hammer (Various Selections)
- 5pcs-Chisel Kits
- 1pc- Spring Retainer



**✓ IN STOCK!**

● **SC-2B** **\$32.00**

Quick Change Retainer



● **SC-2A** **\$23.00**

Retainer

For SC-21/SC-22 SERIES



**✓ IN STOCK!**

**✓ IN STOCK!**

Item No.	Shank	Contents	
SC-0517C	Round Shank	SC-211+SC-415	<b>\$159.00</b>
SC-0527C	Round Shank	SC-212+SC-415	<b>\$179.00</b>
SC-0617C	Hex Shank	SC-221+SC-425	<b>\$172.00</b>
SC-0627C	Hex Shank	SC-222+SC-425	<b>\$192.00</b>

# AIR HAMMER

SUPPORT | VALUE | EXPERTISE



- SN-3111 **\$850.00**    ◆ SN-3121 **\$858.00**
- SN-3112 **\$930.00**    ◆ SN-3122 **\$937.00**
- SN-3113 **\$1,008.00**   ◆ SN-3123 **\$1,016.00**
- SN-3114 **\$1,088.00**   ◆ SN-3124 **\$1,096.00**

## Air Chipping Hammer

Air inlet 3/8"



Open-End handle design.



- SN-3212 **\$905.00**    ◆ SN-3222 **\$912.00**
- SN-3213 **\$980.00**    ◆ SN-3223 **\$987.00**
- SN-3214 **\$1,055.00**   ◆ SN-3224 **\$1,062.00**

## Air Chipping Hammer

Air inlet 3/8"

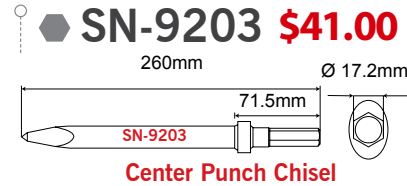
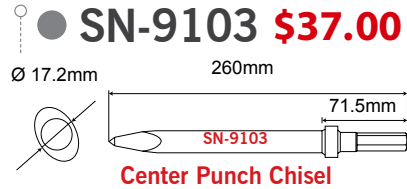
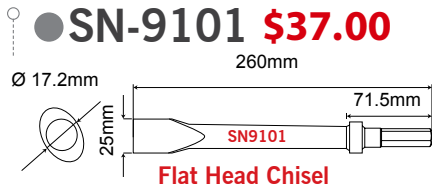


D-Style handle design.



# ACCESSORIES

Chisels For SN-31/SN-32 Series

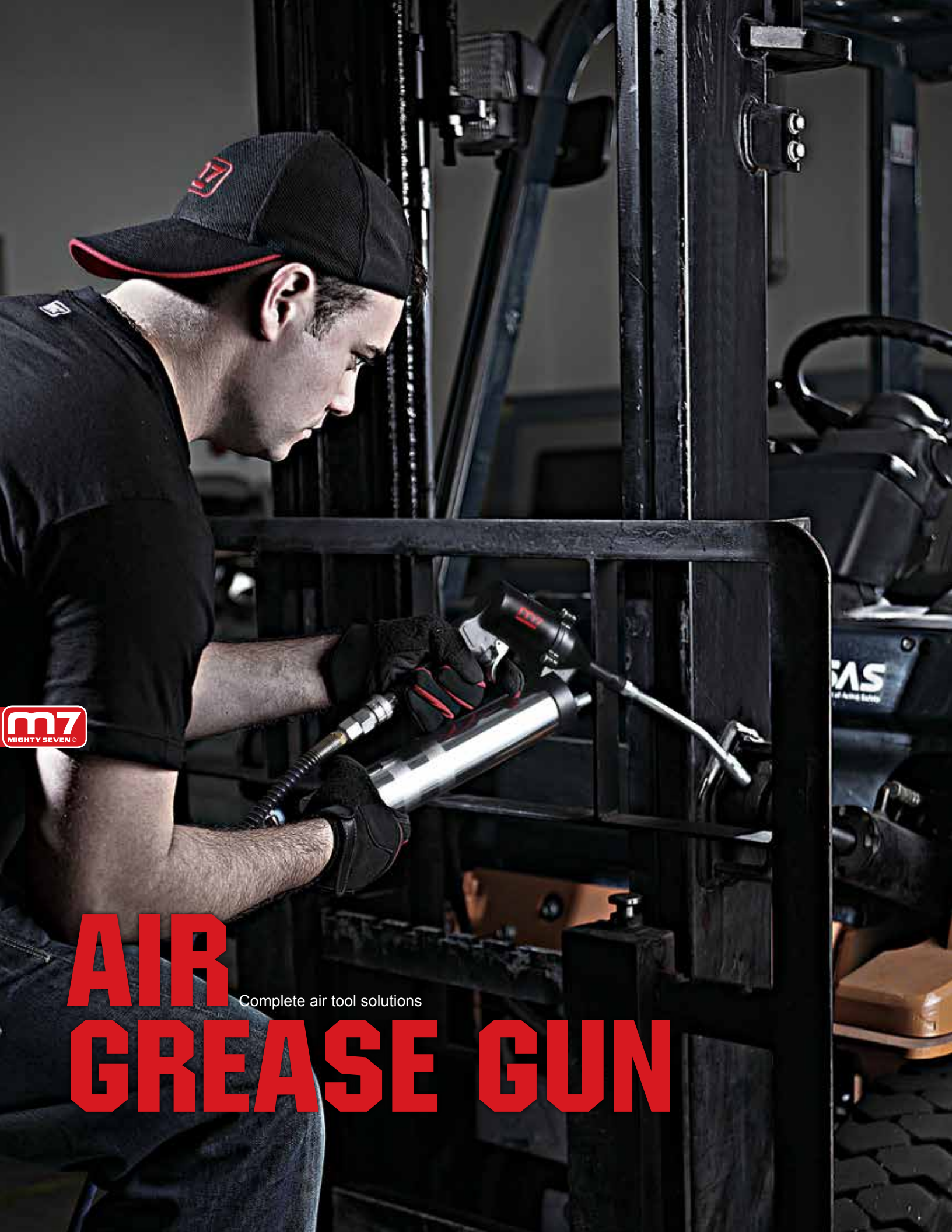


Shank	Chuck Size	Stroke Length	Bolw Per Minute	Avg. Air Consumption	Air Pressure	Overall Length	Net Weight		Air Hose	Sound Pressure	Vibration Level	
							LBS	kg				
	inch(mm)	mm	bpm	CFM (L/min)	PSI (bar)	Inch (mm)			Inch	dBA	m/s <sup>2</sup>	
● ◆ ■			bpm									
SC- 211	●	0.401(10.2)	-----	3200	4.0(113)	90(6.3)	6-7/8"(175)	3.74	1.7	3/8"	98.0	12.3
SC- 221	◆	0.393(10)	-----	3200	4.0(113)	90(6.3)	6-7/8"(175)	3.74	1.7	3/8"	98.0	12.3
SC- 212	●	0.401(10.2)	-----	2200	4.0(113)	90(6.3)	8-7/8"(225)	4.40	2.0	3/8"	94.7	13.2
SC- 222	◆	0.393(10)	-----	2200	4.0(113)	90(6.3)	8-7/8"(225)	4.40	2.0	3/8"	94.7	13.2
SN- 1032	■	0.51(13)	-----	4000	4.23(120)	90(6.3)	11-1/2"(290)	2.92	1.33	3/8"	91.0	14.5
SN- 3111	●	0.68(17)	3"	2500	10.0(283)	90(6.3)	15-1/2"(395)	15.4	7.0	1/2"	115.33	8.09
SN- 3121	◆	0.58(15)	3"	2500	10.0(283)	90(6.3)	15-1/2"(395)	15.4	7.0	1/2"	115.33	8.09
SN- 3112	●	0.68(17)	3.5"	2300	20.0(566)	90(6.3)	16"(405)	16.1	7.3	1/2"	114.39	9.41
SN- 3122	◆	0.58(15)	3.5"	2300	20.0(566)	90(6.3)	16"(405)	16.1	7.3	1/2"	114.39	9.41
SN- 3113	●	0.68(17)	5"	2000	22.0(622.6)	90(6.3)	17-3/4"(450)	17.6	8.0	1/2"	113.35	4.85
SN- 3123	◆	0.58(15)	5"	2000	22.0(622.6)	90(6.3)	17-3/4"(450)	17.6	8.0	1/2"	113.35	4.85
SN- 3114	●	0.68(17)	6"	1600	24.0(679.2)	90(6.3)	18-1/2"(470)	18.3	8.3	1/2"	114.16	6.22
SN- 3124	◆	0.58(15)	6"	1600	24.0(679.2)	90(6.3)	18-1/2"(470)	18.3	8.3	1/2"	114.16	6.22
SN- 3212	●	0.68(17)	3"	2300	5.0(141.5)	90(6.3)	14-5/8"(373)	17.2	7.8	1/2"	114.39	9.41
SN- 3222	◆	0.58(15)	3"	2300	5.0(141.5)	90(6.3)	14-5/8"(373)	17.2	7.8	1/2"	114.39	9.41
SN- 3213	●	0.68(17)	4.7"	1900	5.6(158.5)	90(6.3)	16-1/2"(419)	18.7	8.5	1/2"	113.35	4.85
SN- 3223	◆	0.58(15)	4.7"	1900	5.6(158.5)	90(6.3)	16-1/2"(419)	18.7	8.5	1/2"	113.35	4.85
SN- 3214	●	0.68(17)	5.6"	1700	5.9(167.0)	90(6.3)	17-1/2"(445)	19.4	8.8	1/2"	114.16	6.22
SN- 3224	◆	0.58(15)	5.6"	1700	5.9(167.0)	90(6.3)	17-1/2"(445)	19.4	8.8	1/2"	114.16	6.22



# AIR GREASE GUN

Complete air tool solutions



# AIR GREASE GUN

SUPPORT | VALUE | EXPERTISE



## SG-400 \$58.00

Air Grease Gun

Air inlet 1/4"



## SG-400C \$119.00

Composite Air Grease Gun

Air inlet 1/4"



## SG-401 \$174.00

Air Grease Gun / Continuous Type

- Air inlet 1/4"
- Heavy duty cast aluminum body for maximum durability
  - Working pressure : 40-90 psi
  - Output volume : 288ml/min



## SK-1010 \$62.00

Air Caulking Gun

Air inlet 1/4"

✓ IN STOCK!



	Avg. Air Consumption CFM (L/min)	Air Pressure PSI(bar)	Overall Length Inch (mm)	Net Weight LBS kg		Air Hose Inch
SK-1010	4.0(113)	50-70(3.4-4.8)	12" (305)	2.43	1.10	3/8"(10)

## SG-101 \$36.00

Lubrication Kit



## SO-10T \$99.00

Lubrication set (8PCS)



	Air Inlet inch	Working Pressure kgf/cm <sup>2</sup>	Proof Pressure kgf/cm <sup>2</sup>	Capacity C.C	Air Hose Inch	Net Weight LBS kg		Sound Pressure dBA	Vibration Level m/s <sup>2</sup>
SG-400	1/4"	2.8-8.4	10.5	400	3/8"	3.2	1.46	80.2	0.7
SG-400C	1/4"	2.8-8.4	10.5	400	3/8"	2.2	1.0	81.4	0.6
SG-401	1/4"	2.8-8.4	10.5	400	3/8"	3.52	1.6	74.0	2.0

# AIR BLOW GUN

Complete air tool solutions

✓ IN STOCK!

JC-304 \$11.00

✓ IN STOCK!

JC-310 \$16.00

✓ IN STOCK!

JC-313 \$18.00

✓ IN STOCK!

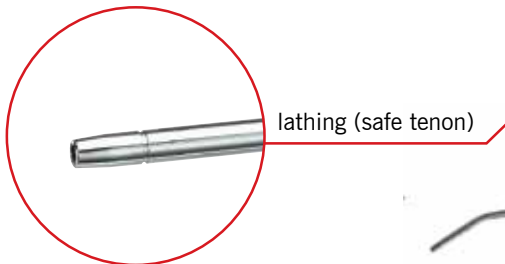
JC-320 \$19.50

JC-340 \$23.00

## Air Blow Gun

Air inlet 1/4"

- Steel nozzle provides long life on the tool.
- Used for cleaning.
- Special Hi-tech material provide durable, quiet and comfortable operation preventing user fatigue.



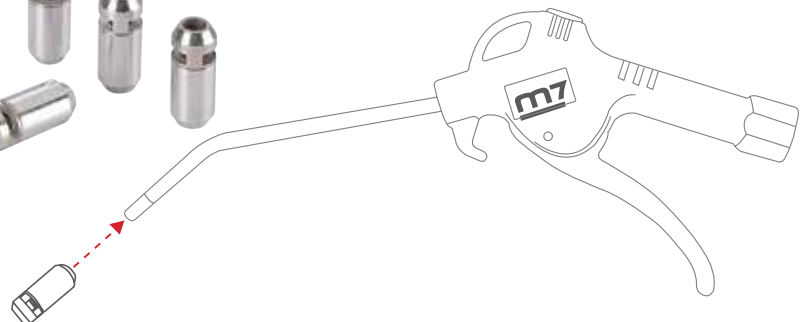
✓ IN STOCK!

JC-291 \$4.36

## Standard Safety Tip

Available with

JC-304 JC-310 JC-313 JC-320  
JC-340 JC-504 JC-507 JC-510



## JC-440 \$126.00

Super Air Blow Gun

Air inlet 1/4"



## JC-504 \$15.00

## JC-510 \$17.00

Air Blow Gun

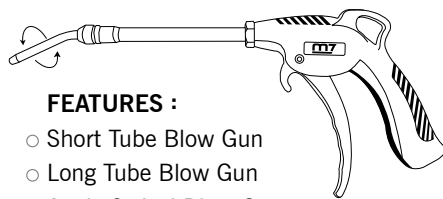
Air inlet 1/4"



## JC-507 \$24.00

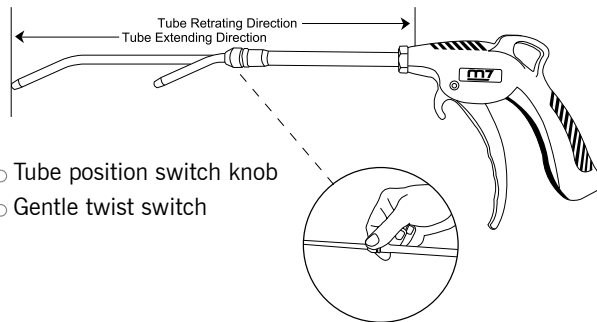
Air Blow Gun

Air inlet 1/4"



### FEATURES :

- Short Tube Blow Gun
- Long Tube Blow Gun
- Angle Swivel Blow Gun
- Quick and Easy Setting for Operation



- Tube position switch knob
- Gentle twist switch



	Nozzle Length	Working Pressure	Max Pressure	Avg. Air Consumption	Avg. Air Consumption	Net Weight	Air Hose	Sound Pressure
	inch	PSI (bar)	PSI (bar)	CFM(L/min)	CFM(L/min)	LBS kg	Inch	dBA
	← L →	Working	MAX	1/4" Hous	3/8" Hous	lb	kg	??
JC-304	4"	75-120(5.3-8.5)	150(10.6)	13.0(368)	15.0(425)	0.15 0.07	3/8"	90.0
JC-310	10"	75-120(5.3-8.5)	150(10.6)	13.0(368)	15.0(425)	0.22 0.10	3/8"	90.0
JC-313	13"	75-120(5.3-8.5)	150(10.6)	13.0(368)	15.0(425)	0.24 0.11	3/8"	90.0
JC-320	20"	75-120(5.3-8.5)	150(10.6)	13.0(368)	15.0(425)	0.31 0.14	3/8"	90.0
JC-340	40"	75-120(5.3-8.5)	150(10.6)	13.0(368)	15.0(425)	0.50 0.23	3/8"	90.0
JC-440	40"	75-120(5.3-8.5)	150(10.6)	13.0(368)	15.0(425)	0.92 0.42	3/8"	90.0
JC-504	4"	90-120(6.2-8.5)	220(15.1)	13.0(368)	15.0(425)	0.35 0.16	3/8"	80.0
JC-507	6-1/2"-12"	90-120(6.2-8.5)	220(15.1)	13.0(368)	15.0(425)	0.48 0.22	3/8"	75.0
JC-510	10"	90-120(6.2-8.5)	220(15.1)	13.0(368)	15.0(425)	0.42 0.19	3/8"	80.0

# AUTO REPAIR TOOL

Complete air tool solutions



MIGHTY SEVEN®



# AUTO REPAIR TOOL

Complete air tool solutions

## SB-201 \$89.00

Digital Tire Inflator

Air inlet 1/4"



## SB-215 \$103.00

Digital Tire Inflator

Air inlet 1/4"



## SB-304 \$175.00

Digital Tire Inflator

Air inlet 1/4"



## SB-315 \$185.00

Digital Tire Inflator

Air inlet 1/4"



	Max Pressure	Air Consumption at 100PSI	Air Inlet	Air Pressure	Net Weight	Air Hose	Nozzle Length	Nozzle
	PSI (bar)	CFM	inch	PSI (bar)	LBS kg	Inch	cm	
SB- 201	160(11.0)	1.41	1/4"	90(6.3)	0.70 0.32	3/8"	30	Tire valve clip
SB- 215	160(11.0)	1.41	1/4"	90(6.3)	0.70 0.32	3/8"	150	Tire valve clip
SB- 304	160(11.0)	1.41	1/4"	90(6.3)	1.41 0.65	3/8"	30	Tire valve clip
SB- 315	160(11.0)	1.41	1/4"	90(6.3)	1.50 0.68	3/8"	150	Tire valve clip





**SM-0901 \$434.00**  
**SM-0902 \$300.00**  
**SM-0903 \$292.00**

SM-0901 Manual & Pneumatic Fluid Extractor  
 SM-0902 Pneumatic Fluid Extractor  
 SM-0903 Manual Fluid Extractor



	Air Pressure	Net Weight		Capacity
	PSI	LB	KG	L
SM-0901	70 -170	10.3	4.7	9.0
SM-0902	70 -170	10.3	4.7	9.0
SM-0903	70 -170	8.80	4.0	9.0



**SM-0502 \$385.00**

Pneumatic Brake Extractor & Refilled KIT



	Air Pressure	Net Weight		Capacity
	PSI	LB	KG	L
SM-0502	70 -170	5.50	2.50	2.0



**QK-111 \$235.00**

Air Windshield Remover

Air inlet 1/4"

- The rear exhaust and extended muffler tube reduce the noise and air pollution efficiently.
- Lower vibration minimizes the user's fatigue and enables longer operating.
- Lower wear rate of the components prolong the durability of the tool.
- Blade can be mounted in 12 different ways according to user's convenience.



QK-111-P51  
\$37.00



QK-111-P52  
\$42.00



QK-111-P53  
\$48.00



QK-111-P54  
\$23.00



QK-111-P50  
\$23.00



	Oscillation	Avg. Air Consumption	Overall Length	Net Weight	Air Hose	Sound Pressure	Vibration Level
	per min	CFM (L/min)	Inch (mm)	LBS(kg)	Inch	dBA	m/s <sup>2</sup>
QK-111	20000	6.0(170)	7-5/64" (180)	2.43(1.1)	10	75	3.9

# AUTO REPAIR TOOL

Complete air tool solutions



**SR-1101 \$160.00**

**Air Brush**

Air inlet 1/4"

Nozzle Bore mm	Color Cup Capacity c.c.	Spray Control
SR-1101	0.2	7.0 by Needle Adjustor



**QB-802 \$380.00**

**Air Surface Cleaning Tool**

Air inlet 1/4"

**IN STOCK!**



**IN STOCK!**

**QB-9400 \$32.00**

Hub is for QB-9411/QB-9412 Wire wheels

○ Hub design to fit popular competitive accessories



**QB-0808M**

**\$525.00**

**Air Surface Cleaning Tool Set**

Air inlet 1/4"

**IN STOCK!**

○ Hub design to fit popular competitive accessories



**QB-9411 \$49.00**

4" Wire Wheel (Course)



**QB-9412 \$49.00**

4" Wire Wheel (Fine)



**QB-9414 \$32.00**

4" Rubber Eraser Wheel



**QB-9415 \$37.00**


4" Stripping Wheel



Free Speed R.P.M	Avg. Air Consumption CFM (L/min)	Air Pressure PSI (bar)	Overall Length Inch (mm)	Motor HP	Net Weight LBS kg	Air Hose Inch	Sound Pressure dBA	Vibration Level m/s <sup>2</sup>	
QB-802	3600	10.6(300)	90(6.3)	7-7/8"(200)	0.7	2.6 1.2	3/8"	86	0.3



## SQ-0217(Set) \$257.00

**Air Powered Brake Caliper  
Wind Back Tool-Set 17pcs**  

- Air Powered Brake Caliper Wind Back Tool : 1pc
- Disk : 16pcs



### 3. INFORMATION ON ADAPTERS

No.	Application
0	GM most 2-1/2" diameter pistons(seville/Eldored 79)
2	Citoën : XM , Xantia(F/R) HONDA
3	AUDI (F) FIAT Alfa romeo (F) FORD , Fiesta(F) ISUZU(F) HONDA , Concesto (F) Jaguar , XJ6 , XJ40(F/R) BMW , 318is , 320i , 325TD , 518i & 1x , 740i , 850ci , M5(F) Mercedes Benz , 190 , 200 , 300 , 420 , 560 series(F) Mitsubishi , Colt(F) NISSAN , Mlera , Stanza , Sunny(F) Rover , Austin , Metro 200 & 400 series , Maestra , Montego(F) TOYOTA , Camry(F) VOLVO(F) VW , Passat , Golf GTI(F)
4	FORD , Australia , NZ Telster MAZDA (R) SAAB , 9000(R) , Lumina TOYOTA FIAT Alfa Romeo , 164 2.0(R) HONDA , Prelude , CRS 16i GM , Saturn(R) , Grand Prix
5	3/8" adapter
6	NISSAN , PRIMERA VW , Golf IV
7	AUDI , 80 , 90 , V8+100 , Coupe E(R) Rover , 800 ABS SUBARU , L+Z(R) FORD , Sierra ABS , Granada , Scorpio ABS 85 (R) NISSAN , Bluebird 1.8 Turbo , Silvia Turbo , Primera 2.0iLS/GS/GSX(R) PEUGEOT , 405 1 9Gi , Gri , Sri , Gtxi , Mi 16 , 605 2.0 Sri(R)

No.	Application
7	TOYOTA , Celica , Corolla GT , MR2(R) VW , Golf Gti , jeta Synchro , jetta Gti 16v , Passat CL , GL , GT , GT , 16v Corrado 16V scirroca GTX 16V (R) Citroën Alfa Romeo FIAT HONDA Jaguar Renault SAAB Seat Lancia
8	GM most 1-7/8" diameter pistons
9	GM most 2-1/8" diameter pistons
A(Z)	Renault , R21 , Laguna(R)
E	NISSAN , Maximas FORD
F(G)	Opel(R)
M	Ford Motors MINI R68 MAZDA 3
N	SAAB HONDA Alfa Romen AUDI VW Lancia
K	Cilroën
K1	Cilroën



# IMPACT SOCKET

Complete air tool solutions

✓ IN STOCK!

## MA4030 \$44.00

Deep Impact Socket Set 3 PCS 1/2" DR.

- Contents : 17mm, 19mm, 21mm
- By identifying the different color coated, the operator can easily pick up the size needed.
- With the external sheath, the working object can be well protected from being rubbed, scratched, impacted...etc.
- With the 85mm extra long socket, to loosen or tighten bolt or nut in deeper hole become easier and convenient.



✓ IN STOCK!

## MA42006M \$35.00

1/2" Air Stubby Metric Size Impact Socket SET



M7 NO.	Dr.	Size	Length	⚖️
	inch	mm	mm	lbs(kg)
MA401M13	1/2"	13	28	0.12(54)
MA401M17	1/2"	17	28	0.15(70)
MA401M19	1/2"	19	28	0.17(80)
MA401M21	1/2"	21	28	0.19(90)
MA401M22	1/2"	22	28	0.22(100)
MA401M24	1/2"	24	28	0.24(110)

✓ IN STOCK!

## MA42006S \$37.00

1/2" Air Stubby Inch Size Impact Socket SET



M7 NO.	Dr.	Size	Length	⚖️
	inch	inch	mm	lbs(kg)
MA401S16	1/2"	1/2"	28	0.12(54)
MA401S18	1/2"	9/16"	28	0.15(70)
MA401S20	1/2"	5/8"	28	0.17(80)
MA401S22	1/2"	11/16"	28	0.19(90)
MA401S24	1/2"	3/4"	28	0.22(100)
MA401S28	1/2"	7/8"	28	0.24(110)



✓ IN STOCK!

## MA42015 \$109.00

1/2" Air Stubby Metric Size impact Socket SET

M7 NO.	Dr.	Size	Length	⚖️
	inch	mm	mm	lbs(kg)
MA401M10	1/2"	10	28	0.110(50)
MA401M11	1/2"	11	28	0.110(50)
MA401M12	1/2"	12	28	0.110(50)
MA401M13	1/2"	13	28	0.114(52)
MA401M14	1/2"	14	28	0.117(53)
MA401M15	1/2"	15	28	0.121(55)
MA401M16	1/2"	16	28	0.136(62)
MA401M17	1/2"	17	28	0.147(67)
MA401M18	1/2"	18	28	0.180(82)
MA401M19	1/2"	19	28	0.165(75)
MA401M20	1/2"	20	28	0.198(90)
MA401M21	1/2"	21	28	0.189(86)
MA401M22	1/2"	22	28	0.207(94)
MA401M23	1/2"	23	28	0.224(102)
MA401M24	1/2"	24	28	0.216(98)





## MA4130 \$40.00

1/2" Dr. Impact Deep Thin Wall Flip Socket  
3 pcs SET

3pcs. 1/2" Drive Flip Socket Set  
3/4" x 13/16"  
17MM x 19MM  
21MM x 22MM



## MA412S2426 \$14.00

## MA412M1719 \$14.00

## MA412M2122 \$14.00

1/2" Dr. Impact Deep Thin Wall Flip Socket



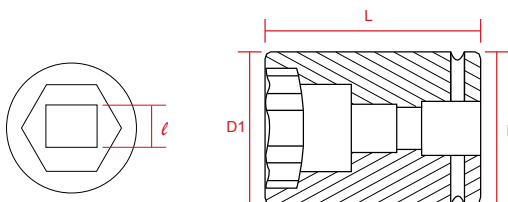
M7 NO.	Hex Size	D1 Inch (mm)	D2 Inch (mm)	L Inch (mm)	LBS
MA412S2426	3/4"x13/16"	1-1/32"(26)	1-3/32"(28)	2-31/32"(76)	0.06
MA412M1719	17x19mm	1-1/32"(26)	1-3/32"(28)	2-31/32"(76)	0.07
MA412M2122	21x22mm	1-3/16"(30)	1-1/4"(32)	2-31/32"(76)	0.10



## MA8050 \$240.00

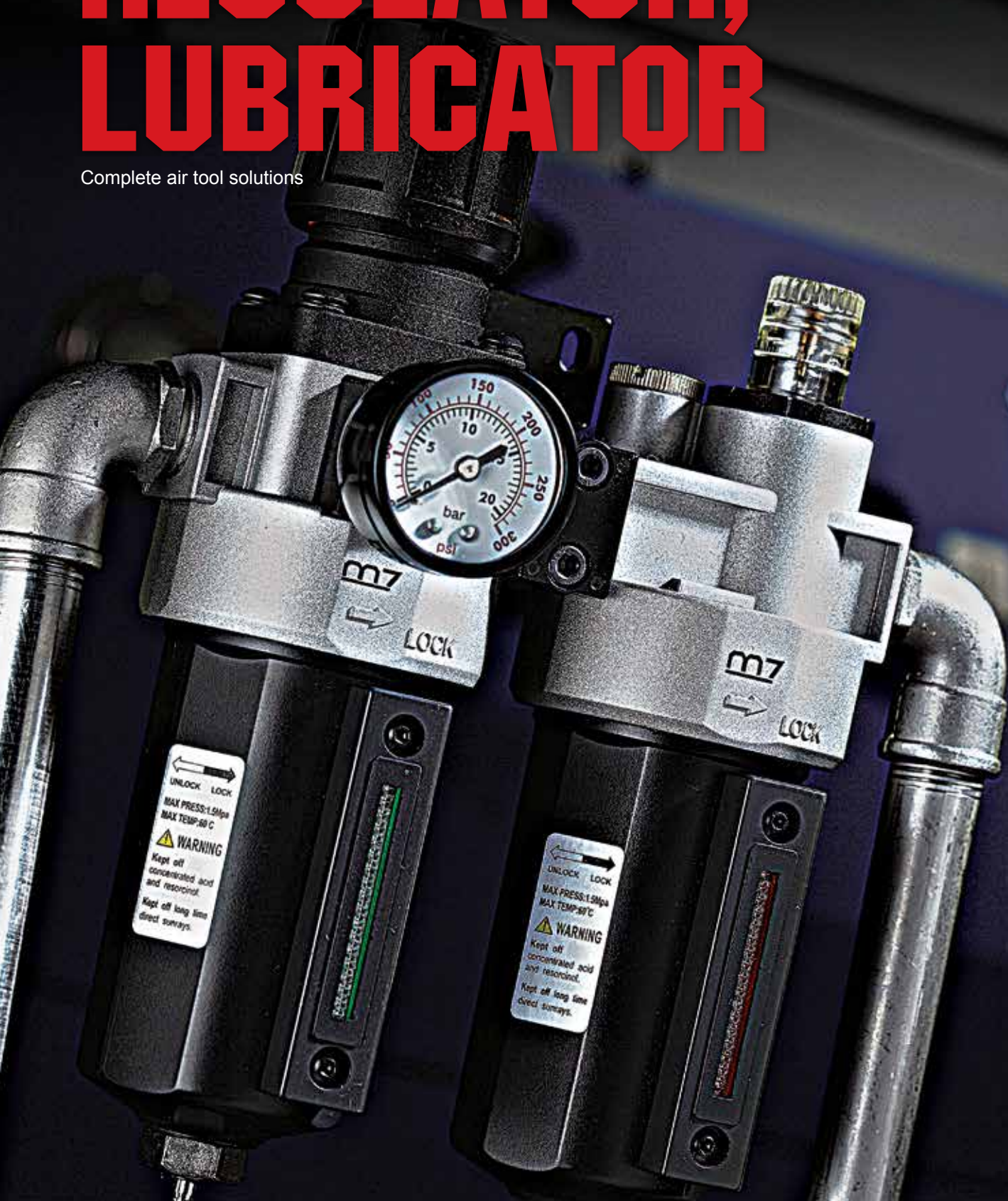
1" Dr. Combination Budd Wheel Impact Socket  
5 pcs SET

M7 NO.	D	D1	ℓ	L	LBS(kg)
	mm	mm	mm	mm	
MA812S4826	1-1/2"	57	57	13/16" 99	2.95(1.34)
MA812M3517	35	52	54	17 94	2.42(1.10)
MA812M3820	38	54	56	20 96	2.6(1.18)
MA812M4121	41	54	58	21 99	2.62(1.19)
MA831M33L	33	52	52	90	2.22(1.01)
MA8050	---	---	---	---	13.66(6.20)



# FILTER, REGULATOR, LUBRICATOR

Complete air tool solutions



SV-2230 \$139.00  
 SV-2330 \$139.00  
 FILTER,REGULATOR,LUBRICATOR

- Removes all dirt particles larger than five microns.
- 50c.c. Lubricating oil bowl capacity.
- Can be filled under pressure.

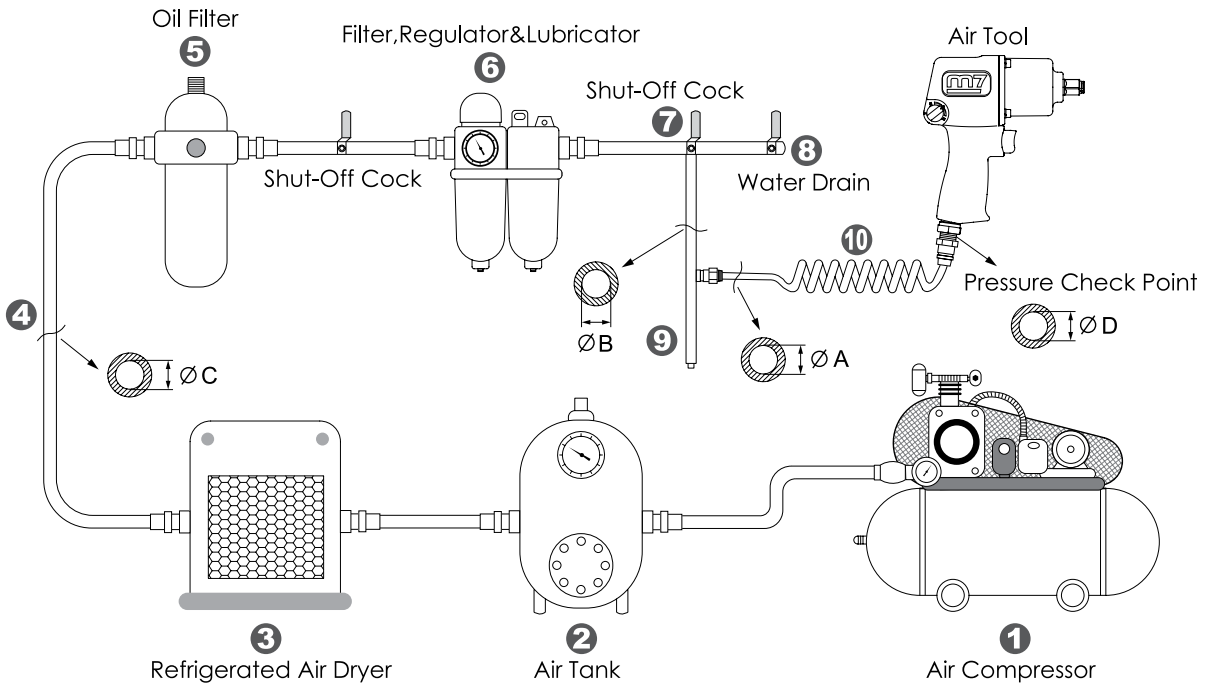
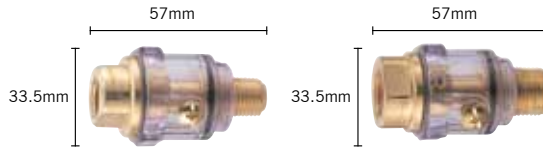


SV-2431 \$261.00  
 FILTER,REGULATOR,LUBRICATOR



SW-12(1/4") \$9.00  
 SW-13(3/8") \$10.00  
 Mini Lubricator

- Install in the air hose to provide automatic lubrication.
- 8c.c. Lubricating oil capacity.



	Air in / outlet	Working Pressure	Proof Pressure	Regulation Pressure Range	Working Temperature	Min.Flow for Oil Drip	Weight
	inch	kgf/cm <sup>2</sup> (Mpa)	kgf/cm <sup>2</sup> (Mpa)	kgf/cm <sup>2</sup> (Mpa)	°C	L/min	LBS(kg)
	—	Working	—	—	—	—	lb/kg
SV- 2230	1/4"	0-9.9(0-0.99)	15(1.5)	0.5-8.5(0.05-0.85)	5-60°	50	1.59(0.70)
SV- 2330	3/8"	0-9.9(0-0.99)	15(1.5)	0.5-8.5(0.05-0.85)	5-60°	60	1.59(0.70)
SV- 2431	1/2"	0-15 (0-1.5)	20(2.0)	1.0-15(0.1-1.5)	-5-60°	80	3.3(1.50)

# AIR HOSE REEL

Complete air tool solutions

SA-215 **\$322.00**

SA-315 **\$516.00**

## Air-Hose Reel

- Mounting bracket can be mounted on the wall or ceiling.
- 24 braids covered PU tube brings the anti-explosion capability up to 350 psi.
- Auto retractable hose is replaceable and convenient to be stored.
- The durable rewinding spring results in smooth operation.

### NOTE:

- 1.Type A:Multi-Copular allows Nitto Asia style plug.
- 2.Type B:Multi-Copular all in one, allows for Milton/Tru-Flate/ Aro and Orion series European style plug.
- 3.Type C:Multi-Copular allows U.S.A style plug.
- 4.Type D:Multi-Copular allows France style plug.



## SD-23

### Polyurethane Recoil Air-Hose

- Returns automatically to the original position and keeps it out of operator's way during operation.
- Spring guards protects both ends of the hose. Both ends have male 360° swivel fittings.
- Temperature resistance from -20° C ~ +70° C.

SD-23110 **\$61.00**

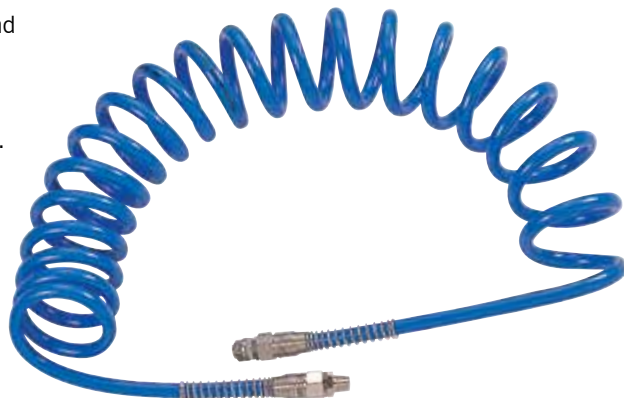
SD-23115 **\$81.00**

SD-23210 **\$36.00**

SD-23215 **\$43.00**

SD-23315 **\$90.00**

SD-23415 **\$99.00**







## PA-201V \$800.00

Air Hydraulic Riveter Vacuum Type

Air inlet 1/4"



## PA-MC \$105.00

Automatic Mandrel Collection

### CONTENTS

- 3/32"(2.4mm) 220pcs
- 1/8" (3.2mm) 160pcs
- 5/32"(4.0mm) 110pcs
- 3/16"(4.8mm) 80pcs



	Traction Power	Stroke Length	Capacity	Air Pressure	Avg. Air Consumption	Net Weight		Air Hose	Sound Pressure	Vibration Level
	lb.-f(kg.-f)	mm	mm	PSI (bar)	L/cycle	LBS	kg	Inch	dBA	m/s <sup>2</sup>
PA-201V	3534(1603)	14	2.4-6.4	90(6.3)	2.32	3.9	1.8	3/8"	79.7	0.5

## SY-M Air Adaptor



Item No.	Price
SY-231M	\$1.00
SY-231F	\$2.00

Thread Type	Thread Size	Type	Picture
Male	1/4" NPT	U.S.A	
Female			



## SY-F Air Coupler



Item No.	Price
SY-230M	\$8.00
SY-230F	\$7.00

Thread Type	Thread Size	Type	Picture
Male	1/4" NPT	U.S.A	
Female			

	Hose Inside Diameter	Hose outside Diameter	Hose Length	Working Pressure	Break Pressure	Male PT Fitting	Female PT Fitting	Weight
	mm	mm	M(inch)	bar	kg/cm <sup>2</sup>	inch	inch	kg
SA-215	8.0	12.0	15(590)	7.0	20	1/4"	-----	5.3
SA-315	10.0	15.0	15(590)	7.0	20	3/8"	-----	8
SD-23110	8.0	12.0	10(393)	7.0	20	1/4"	-----	-----
SD-23115	8.0	12.0	15(590)	7.0	20	1/4"	-----	-----
SD-23210	5.0	8.0	10(393)	7.0	20	1/4"	-----	-----
SD-23215	5.0	8.0	15(590)	7.0	20	1/4"	-----	-----
SD-23315	10.0	15.0	15(590)	7.0	20	3/8"	-----	-----
SD-24415	10.0	18.0	15(590)	7.0	20	1/2"	-----	-----

# MOBILE CABINETS

Complete air tool solutions



## QB-46602JC \$421.00

### Sander Combination Tray Set

- JC-507 :Air Blow Gun (7"-12")
- QB-46602:Non-vacuum air random orbital sander 6" hook-face pad
- SY-211M:1/4" Air Adaptor Couplings Male Thread Type (Europe)
- QB-45P36A:6" Hook-Face Pad(Hole) for QB-45.47



## NC-4230BNE \$639.00

### Impact Wrench Combination Tray Set

- NC-4230 :1/2" Drive Air Impact Wrench Twin Hammer
- NE-432 :1/2" Push Air Ratchet Wrench
- 1/4" Air Adaptor Couplings Male Thread Type
- Mini socket set, size:13,17,19,22,24mm



## QB-54702JC \$449.00

6" Sander Kit 15Holes Pad, Central Vacuum

- JC-507 :Air Blow Gun (7"-12")
- QB-54702,6" Central Vacuum Sander
- 1/4" Air Adapter Couplers Male Thread Type
- 6" 15 holes PAD



## QP-123QP \$580.00

3" QP-113 & QP-123 Combination Tary Set

- Air Pistol Sander, 3" Pad Dia
- QP-113 :Air Pistol Sander, 3" Pad Dia
- QP-123 :Air Pistol Polisher, 3" Pad Dia
- 1/4" Air Adaptor Couplings Male Thread Type
- 3" Sponge (Rough) & 3" Sponge (Medium)



## ST-10A5 \$1,980.00

Cabinet With Air Hose Reel

	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	QTY
CABINET	26.8	18.9	31.9	
DRAWER	22.8	16.0	2.95	3
	22.8	16.0	5.91	2
AIR HOSE REEL TYPE	0.31 x 0.47 x 49Ft			



## ST-20A7A \$2,650.00

7 Drawer - Work Bench + Air Hose Reel

	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	QTY
CABINET	59.6	19.7	33.9	
	26.8	18.1	31.9	
DRAWER	22.8	16.0	2.95	5
	22.8	16.0	5.91	2
AIR HOSE REEL TYPE	0.331 x 0.47 x 49Ft			

# AFTER MARKET SUPPORT

Complete air tool solutions

○ **SH-1001 \$52.00**

○ **SH-1002 \$62.00**

**Air Tool Holder**

- Equipped with powerful magnets, it allows a load of up to 26.4 & 28.6 lbs (12 & 13kgs).
- The gap design on the central ring helps not to decrease the life span of the trigger spring of the impact wrench.



○ **ZB-01 \$25.00**

**Protective Boot**

- Fits on NC-3610Q, NC-3611Q, NC-4610Q and NC-4611Q impact wrenches



SH-1001

SH-1002

○ **ZC-202 \$20.00**

**M7 Hat**



○ **ZE-03 \$26.00**

**M7 Kneeling Pad**

- 17-9/16"x8-1/4"



# User's Manual of Air Impact Wrench

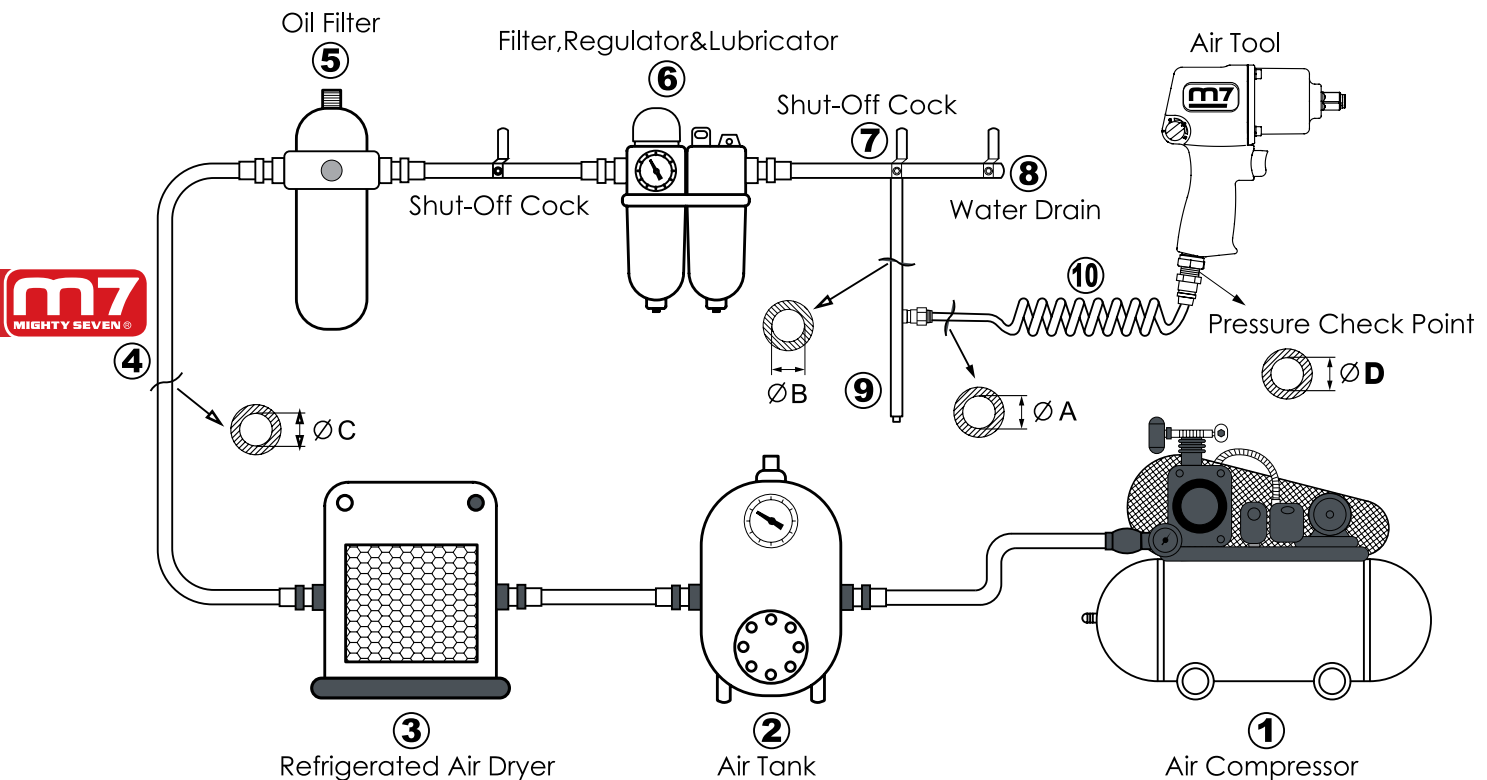
## Working environment:

- Using these tools in any potentially explosive environment is strictly prohibited.
- It is always recommended that these types of tools must be operated when standing on a solid or firm location.
- Always use these tools in a well ventilated area.
- Slipping, stumbling and falling are the major causes of potential serious injury, therefore, a clean and clutter free surface in the working area before operating the tools is strongly recommended.

## Air supply and connection requirements:

- The maximum recommended air pressure during operation must not exceed 90 psi (6.3bar). Higher air pressure may create unsafe operating conditions for the tool and the user.
- The compressed air should be cooled and have a water filter installed at the outlet end of the compressor. Even with a water filter installed, some water may still condense in the piping or hose and will enter the tool mechanism causing premature damage to the tool. Therefore, it is recommended to install an air filter-lubricator device somewhere between the tool and the compressor.
- Always use an air compressor of the proper capacity to operate each tool.
- Clean the hose with a blast of compressed air before connecting the hose to the air tool. This will prevent both moisture and dust inside the hose from entering the tool and causing possible rust or malfunction.

## Ideal system connection



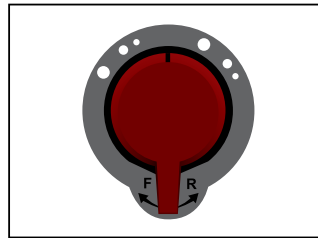
## Piping diameters and length requirement:

- The diameter  $\Phi A$  required for the inlet pipe ⑩ is recommended on the specification table.
- The diameter  $\Phi B$  required for the branch pipe (from ⑦ to ⑨) should be 2 times as large as  $\Phi A$ .  $\Phi B = 2 \times \Phi A$
- The diameter  $\Phi C$  required for the primary air supply (from ① to ⑧) should be 3 times as large as  $\Phi A$ .  $\Phi C = 3 \times \Phi A$
- The length for the inlet pipe ⑩ should be less than 15 feet (4.5m).

# TROUBLE SHOOTING

1

Please check the knob if it is right position



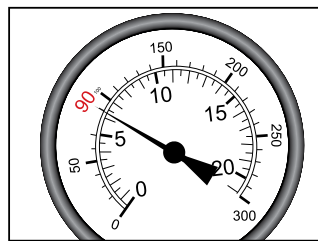
OK

NG



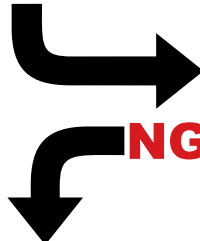
2

Check the end pressure if reach 90PSI(6.3Bar)



OK

NG

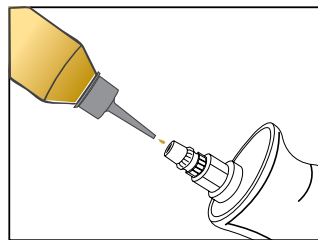


ADJUST UP THE PRESSURE
CHECK THE AIR COMPRESSOR
CHECK THE DIMENSION OF AIR HOSE



3

Apply 5 c.c of pneumatic oil into the air inlet, then pull the trigger



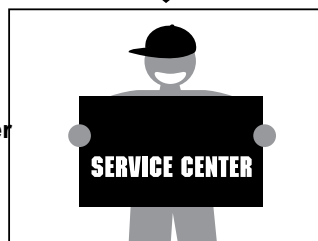
OK

NG



4

Send to Maintenance Center



CHECK GASKET
CHECK HAMMER
CHECK BLADES
FRONT/END PLATE

## IMPACT WRENCH

Problem (phenomenon)	Possible Cause	Recommended solution
<ol style="list-style-type: none"> <li>1. The tool runs automatically or tool will not shut off.</li> <li>2. Torque decreases slightly.</li> <li>3. Sound of air leaking.</li> </ol>	<ol style="list-style-type: none"> <li>1. Dust jam.</li> </ol>	<ol style="list-style-type: none"> <li>1. Clean and remove the dust from the air inlet.</li> <li>2. Clean the throttle valve.</li> <li>3. Apply a few drops of recommended pneumatic oil into the air inlet.</li> <li>4. Pull the trigger and run for several seconds to get rid of the dust.</li> </ol>
<ol style="list-style-type: none"> <li>1. Severe torque loss, but will still run at full free speed,</li> <li>2. Tool will not run.</li> </ol>	<ol style="list-style-type: none"> <li>1. The rotor blades may be damaged,</li> <li>2. The screws may be loose.</li> <li>3. The reverse button (knob) may be out off position.</li> <li>4. Some component(s) in motor housing or hammer housing may be worn off.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check and replace new ones, if necessary.</li> <li>2. Tighten all loose screws.</li> <li>3. Adjust the button.</li> <li>4. Check and replace them, if necessary.</li> </ol>
<ol style="list-style-type: none"> <li>1. Air leaks from hammer housing or rear cover.</li> </ol>	<ol style="list-style-type: none"> <li>1. The screws may be loose.</li> <li>2. The gasket seal may be broken.</li> </ol>	<ol style="list-style-type: none"> <li>1. Tighten all loose screws.</li> <li>2. Replace it.</li> </ol>

**Note:** The consumable parts are the rotor blades, anvil and hammer.

## RATCHET WRENCH

Problem (phenomenon)	Possible Cause	Recommended solution
<ol style="list-style-type: none"> <li>1. The tool runs automatically or tool will not shut off.</li> <li>2. Torque decreases slightly.</li> <li>3. Sound of air leaking.</li> </ol>	<ol style="list-style-type: none"> <li>1. Dust jam.</li> </ol>	<ol style="list-style-type: none"> <li>1. Clean and remove the dust from the air inlet.</li> <li>2. Clean the throttle valve.</li> <li>3. Apply a few drops of recommended pneumatic oil into the air inlet.</li> <li>4. Pull the trigger and run for several seconds to get rid of the dust.</li> </ol>
<ol style="list-style-type: none"> <li>1. Severe torque loss, but will still run at full free speed,</li> <li>2. Tool will not run.</li> </ol>	<ol style="list-style-type: none"> <li>1. The rotor blades may be damaged,</li> <li>2. The screws may be loose.</li> <li>3. The reverse button (knob) may be out off position.</li> <li>4. Some component(s) in motor housing or hammer housing may be worn off.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check and replace new ones, if necessary.</li> <li>2. Tighten all loose screws.</li> <li>3. Adjust the button.</li> <li>4. Check and replace them, if necessary.</li> </ol>

**Note:** The consumable parts are the rotor blades, gears and ratchet anvil.

## DIE GRINDER

Problem (phenomenon)	Possible Cause	Recommended solution
<ol style="list-style-type: none"> <li>1. The tool runs automatically or tool will not shut off.</li> <li>2. Torque decreases slightly.</li> <li>3. Sound of air leaking.</li> </ol>	<ol style="list-style-type: none"> <li>1. Dust jam.</li> <li>2. Trigger may be damaged!</li> </ol>	<ol style="list-style-type: none"> <li>1. Clean to remove the dust from the air inlet.</li> <li>2. Clean the throttle valve.</li> <li>3. Apply a few drops of recommended pneumatic oil into the air inlet.</li> <li>4. Push trigger and run for several seconds to get rid of the dust.</li> <li>5. Inspect the trigger, correct or replace the related component when necessary.</li> </ol>
<ol style="list-style-type: none"> <li>1. Severe torque loss, but will still run at full free speed,</li> <li>2. Tool will not run.</li> </ol>	<ol style="list-style-type: none"> <li>1. The rotor blades may be damaged,</li> <li>2. The screws may be loose.</li> <li>3. The Air Regulator may not be in correct position.</li> <li>4. The Collet Nut may be loose.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check and replace with new ones, if necessary.</li> <li>2. Tighten all loose screws.</li> <li>3. Check and correct.</li> <li>4. Check and tighten.</li> </ol>

**Note:** The consumable parts are the rotor blades, bearings and collet.

## AIR CUTTING OFF TOOL

Problem (phenomenon)	Possible Cause	Recommended solution
<ol style="list-style-type: none"> <li>1. The tool runs automatically or tool will not shut off.</li> <li>2. Torque decreases slightly.</li> <li>3. Sound of air leaking.</li> </ol>	<ol style="list-style-type: none"> <li>1. Dust jam.</li> <li>2. Trigger may be damaged!</li> </ol>	<ol style="list-style-type: none"> <li>1. Clean and remove the dust from the air inlet.</li> <li>2. Clean the throttle valve.</li> <li>3. Apply a few drops of recommended pneumatic oil into the air inlet.</li> <li>4. Push trigger and run for several seconds to get rid of the dust.</li> <li>5. Inspect the trigger, correct or replace the related component when necessary.</li> </ol>
<ol style="list-style-type: none"> <li>1. Severe torque loss, but will still run at full free speed,</li> <li>2. Tool will not run.</li> </ol>	<ol style="list-style-type: none"> <li>1. The rotor blades may be damaged,</li> <li>2. The screws may be loose.</li> <li>3. The Air Regulator may not be in correct position.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check and replace with new ones, if necessary.</li> <li>2. Tighten all loose screws.</li> <li>3. Check and correct.</li> </ol>

**Note: The consumable parts are the rotor blades and bearings.**

## AIR ANGLE GRINDER

Problem (phenomenon)	Possible Cause	Recommended solution
<ol style="list-style-type: none"> <li>1. The tool runs automatically or tool will not shut off.</li> <li>2. Torque decreases slightly.</li> <li>3. Sound of air leaking.</li> </ol>	<ol style="list-style-type: none"> <li>1. Dust jam.</li> <li>2. Trigger may be damaged!</li> </ol>	<ol style="list-style-type: none"> <li>1. Clean and remove the dust from the air inlet.</li> <li>2. Clean the throttle valve.</li> <li>3. Apply a few drops of recommended pneumatic oil into the air inlet.</li> <li>4. Push trigger and run for several seconds to get rid of the dust.</li> <li>5. Inspect the trigger, correct or replace the related component when necessary.</li> </ol>
<ol style="list-style-type: none"> <li>1. Severe torque loss, but will still run at full free speed.</li> <li>2. Tool will not run.</li> </ol>	<ol style="list-style-type: none"> <li>1. The rotor blades may be damaged,</li> <li>2. The screws may be loose.</li> <li>3. The bevel gears may not have enough grease.</li> <li>4. The bevel gears may be worn off.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check and replace new ones, if necessary.</li> <li>2. Tighten all loose screws.</li> <li>3. Apply some multiple-purpose grease.</li> <li>4. Replace them.</li> </ol>

**Note: The consumable parts are the rotor blades and bearings.**



## BELT SANDER

Problem (phenomenon)	Possible Cause	Recommended solution
<ol style="list-style-type: none"> <li>1. The tool runs automatically or tool will not shut off.</li> <li>2. Torque decreases slightly.</li> <li>3. Sound of air leaking.</li> </ol>	<ol style="list-style-type: none"> <li>1. Dust jam.</li> </ol>	<ol style="list-style-type: none"> <li>1. Clean and remove the dust from the air inlet.</li> <li>2. Clean the throttle valve.</li> <li>3. Apply a few drops of recommended pneumatic oil into the air inlet.</li> <li>4. Pull the trigger and run for several seconds to get rid of the dust.</li> </ol>
<ol style="list-style-type: none"> <li>1. Severe torque loss, but will still run at full free speed.</li> <li>2. Tool will not run.</li> </ol>	<ol style="list-style-type: none"> <li>1. The rotor blades may be damaged.</li> <li>2. The screws may be loose.</li> <li>3. The belt may not be seated correctly.</li> <li>4. The bearings may be damaged.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check and replace with new ones, if necessary.</li> <li>2. Tighten all loose screws.</li> <li>3. Adjust it.</li> <li>4. Replace them.</li> </ol>

**Note: The consumable parts are the rotor blades and bearings.**



## AIR SANDER

Problem (phenomenon)	Possible Cause	Recommended solution
<ol style="list-style-type: none"> <li>1. The tool runs automatically or tool will not shut off.</li> <li>2. Torque decreases slightly.</li> <li>3. Sound of air leaking.</li> </ol>	<ol style="list-style-type: none"> <li>1. Dust jam.</li> <li>2. Trigger may be damaged!</li> </ol>	<ol style="list-style-type: none"> <li>1. Clean and remove the dust from the air inlet.</li> <li>2. Clean the throttle valve.</li> <li>3. Apply a few drops of recommended pneumatic oil into the air inlet.</li> <li>4. Pull the trigger and run for several seconds to get rid of the dust.</li> </ol>
<ol style="list-style-type: none"> <li>1. Severe torque loss, but will still run at full free speed.</li> <li>2. Tool will not run.</li> </ol>	<ol style="list-style-type: none"> <li>1. The rotor blades may be damaged,</li> <li>2. The pad may not be correct.</li> <li>3. The screws may be loose.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check and replace with new ones, if necessary.</li> <li>2. Check and replace with the correct one.</li> <li>3. Tighten all loose screws.</li> </ol>

**Note: The consumable parts are the rotor blades and bearings.**

## AIR SHEAR

Problem (phenomenon)	Possible Cause	Recommended solution
<ol style="list-style-type: none"> <li>1. The tool runs automatically or tool will not shut off.</li> <li>2. Torque decreases slightly.</li> <li>3. Sound of air leaking.</li> </ol>	<ol style="list-style-type: none"> <li>1. Dust jam.</li> </ol>	<ol style="list-style-type: none"> <li>1. Clean and remove the dust from the air inlet.</li> <li>2. Clean the throttle valve.</li> <li>3. Apply a few drops of recommended pneumatic oil into the air inlet.</li> <li>4. Pull the trigger and run for several seconds to get rid of the dust.</li> </ol>
<ol style="list-style-type: none"> <li>1. Severe torque loss, but will still run at full free speed,</li> <li>2. Tool will not run.</li> </ol>	<ol style="list-style-type: none"> <li>1. The rotor blades may be damaged,</li> <li>2. The cutting blades may not be sharp enough.</li> <li>3. The cutting blades may not be in the correct position.</li> <li>4. The lock screws for cutting blades may be loose.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check and replace with new ones, if necessary.</li> <li>2. Check and replace with new ones, if necessary.</li> <li>3. Check and adjust them.</li> <li>4. Check and tighten.</li> </ol>

**Note: The consumable parts are the rotor blades and bearings.**

## AIR SAW

Problem (phenomenon)	Possible Cause	Recommended solution
<ol style="list-style-type: none"> <li>1. The tool runs automatically or tool will not shut off.</li> <li>2. Torque decreases slightly.</li> <li>3. Sound of air leaking.</li> </ol>	<ol style="list-style-type: none"> <li>1. Dust jam.</li> <li>2. Trigger may be damaged!</li> </ol>	<ol style="list-style-type: none"> <li>1. Clean and remove the dust from the air inlet.</li> <li>2. Clean the throttle valve.</li> <li>3. Apply a few drops of recommended pneumatic oil into the air inlet.</li> <li>4. Pull the trigger and run for several seconds to get rid of the dust.</li> </ol>
<ol style="list-style-type: none"> <li>1. Severe torque loss, but will still run at full free speed.</li> <li>2. Tool will not run.</li> </ol>	<ol style="list-style-type: none"> <li>1. The rotor blades may be damaged.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check and replace with new ones, if necessary.</li> </ol>
<ol style="list-style-type: none"> <li>1. Severe decrease in reciprocating speed.</li> </ol>	<ol style="list-style-type: none"> <li>1. The drive motor may be dirty.</li> </ol>	<ol style="list-style-type: none"> <li>1. Cleaning required.</li> </ol>

**Note: The consumable parts are the rotor blades and bearings.**



Problem (phenomenon)	Possible Cause	Recommended solution
<b>AIR DRILL</b> 1. The tool runs automatically or tool will not shut off. 2. Torque decreases slightly. 3. Sound of air leaking.	1. Dust jam.	1. Clean and remove the dust from the air inlet. 2. Clean the throttle valve. 3. Apply a few drops of recommended pneumatic oil into the air inlet. 4. Pull the trigger and run for several seconds to get rid of the dust.
1. Severe torque loss, but will still run at full free speed. 2. Tool will not run.	1. The rotor blades may be damaged, 2. The keyless chuck may be damaged.	1. Check both possibilities and replace with new ones, if necessary.

**Note: The consumable parts are the rotor blades and bearings.**

<b>AIR SCREWDRIVER</b> 1. The tool runs automatically or tool will not shut off. 2. Torque decreases slightly. 3. Sound of air leaking.	1. Dust jam.	1. Clean and remove the dust from the air inlet. 2. Clean the throttle valve. 3. Apply a few drops of recommended pneumatic oil into the air inlet. 4. Pull the trigger and run for several seconds to get rid of the dust.
1. Severe torque loss, but will still run at full free speed, 2. Tool will not run.	1. The rotor blades may be damaged, 2. The screws may be loose. 3. The Reverse Knob may be damaged or not in the right position. 4. The impact mechanism may be damaged.	1. Check both possibilities and replace with new ones, if necessary. 2. Tighten all the loose screws. 3. Check and adjust, or replace with a new one if necessary. 4. Check and replace with a new set, if necessary.

**Note: The consumable parts are the rotor blades and bearings.**

<b>AIR HAMMER</b> 1. The tool runs automatically or tool will not shut off. 2. Torque decreases slightly. 3. Sound of air leaking.	1. Dust jam.	1. Clean and remove the dust from the air inlet. 2. Clean the throttle valve. 3. Apply a few drops of recommended pneumatic oil into the air inlet. 4. Pull the trigger and run for several seconds to get rid of the dust.
1. The tool doesn't work	1. The piston may be jammed or damaged. 2. The size of chisel may not be correct.	1. Check and replace the related component when necessary. 2. Check and replace with the correct one.

**Note: The consumable parts are the throttle valve and piston.**

<b>HYDRAULIC RIVETER</b> 1. The tool runs automatically or tool will not shut off. 2. Power decreases slightly. 3. Sound of air leaking.	1. Dust jam.	1. Clean and remove the dust from the air inlet. 2. Clean the throttle valve. 3. Apply a few drops of recommended pneumatic oil into the air inlet. 4. Pull the trigger and run for several seconds to get rid of the dust.
1. The tool doesn't work	1. The size of rivet may not be suitable. 2. The size of rivet nose may not be correct.	1. Check and use the correct ones. 2. Check and replace with the correct one!

**Note: The consumable parts are the rivet nose, jaw housing, front housing and spring.**



## Note:

For more details about the above recommended solutions, please refer to the user manual attached along with each product.