

# PROFESSIONAL PNEUMATIC TOOLS

**Q<sub>1</sub>**

Cat. #  
**0817**  
08/2017



**SUNMATCH**  
Professional Pneumatic Tools

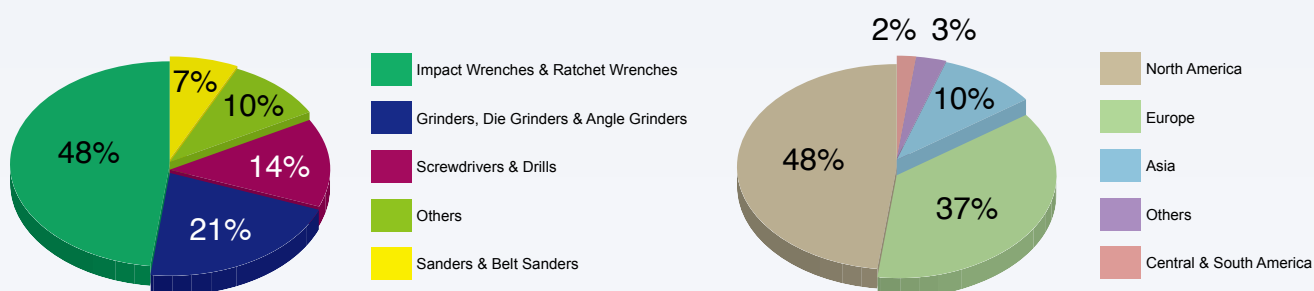
# Company Profile

- **Established** : in March 1985
- **Factory Location** : 296-1 Chung Shan Road, Chupei City, Hsinchu County 30281, Taiwan
- **Capital** : NT\$370,000,000.00 (US\$12,200,000.00)
- **Turnover** : US\$43,000,000.00
- **CEO** : Daniel Chen
- **Employee** : 195
- **Factory Land** : 6,612 m<sup>2</sup> (71,170 feet<sup>2</sup>)
- **Factory Floor** : 23,140 m<sup>2</sup> (249,077 feet<sup>2</sup>)

**Our Daily Challenge** : Make a change or die.

**Our Expectation** : Develop more tools covering different industries and make them to the highest quality standards.

**We Define** : Sunmatch as a manufacturing company and partner of many different brands.



## ***Sunmatch is a family owned company established in 1985, by three brothers.***

### ***Three Brothers***

Daniel Chen is the eldest among three brothers and in charge of international marketing. The other two brothers, David and Peter, have mechanical engineering backgrounds and are in charge of developing and manufacturing new products. It has been a good combination to have three brothers working together, and as the old Chinese saying goes, "brothers working together will have enough power to break steel".

### ***A dream***

Our father was a bus driver with limited income. Our mother was selling vegetables in the traditional market to make a little money to help improve our living. Raised in a poor family, three brothers were encouraged by our father to study hard and work hard to be outstanding people. The dream is "united, brothers work together". Sunmatch allowed this dream to come true.

### ***Dream comes true***

At the time Sunmatch was established, David was the only one who knew a little about Pneumatic Tools, as he worked for a small company, named "FULLIN". In English, "FULLIN" means "luck is coming". But yet luck didn't come, soon "FULLIN" went bankrupt. David was in search of a new job. The three brothers decided to start manufacturing Pneumatic Tools and to locate the Sunmatch factory in their home town of Hsinchu. Peter was a teacher at a senior high school teaching mechanical engineering. Daniel had a background of international trade, as he had worked for a trading company. From that start, the three brothers worked together to make the dream come true.

### ***Almost bankrupt***

For the first ten years, Sunmatch made no money and almost went bankrupt because of cash flow. Sunmatch received orders from trading companies with very limited profits. In fact, Sunmatch was at the mercy of the trading companies. Make a change or die. Thank God, Sunmatch started growing with their direct export business to customers in countries worldwide. Sunmatch attended trade shows in different countries and talked to customers to help understand their needs.

### ***Advice from customer***

One of the reasons that Sunmatch made no profit was due to low prices, as Sunmatch only made DIY quality at that time. With low quality came low prices. One day, a customer said "Daniel, you have to make your own way in professional quality, or stay the same with DIY. I don't mind paying more if you could make better quality." We changed to higher quality products with higher prices. Thank God, Sunmatch is now on a new track with only Professional Quality!

### ***A lesson of 25 years***

It was a surprise to me when I was told that business relations could last 25 years. That was my first visit to the USA in August 1985, a few months after Sunmatch was established. My customer in the USA told me that his company had been doing business with a Japanese manufacturer for 25 years. 25 years was almost my whole life, as I was 30 years old that time. I was so impressed with such a long lasting relationship that I wanted to do the same with my customers. That was a great lesson for me. It has been 25 years since Sunmatch started in business and I am proud to say that I still keep a sound business relationship with my first customer.

### ***An Expectation***

I believe that I am a lucky man to have two brothers working with me on the same dream. With them, everything has become possible. The product range continues to improve while the quality has improved from DIY to Professional level. Even though Sunmatch went through a difficult stage in the beginning, we continue to grow. Our expectation is to develop more tools covering different industries and make them to the highest quality standards. At Sunmatch, we consider this a daily challenge. We define Sunmatch as a manufacturing company and partner of many different brands.

~ by Daniel Chen  
2011/4/21

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# Impact Wrenches

## Features:

- **Composite Motor Housing**
- **Twin Hammer Clutch Mechanism**
- Push Button One Hand Forward / Reverse
- Available Optional Exhaust Hose Assembly
- Handle Exhaust
- 360° Swivel Air Inlet
- **Lightweight**
- **Low Noise 83 dB(A)**

### Accessories (Optional)

#### Rubber Boot

**#41-401255-0028**

For SM-41-4012P & SM-43-4012P

**#43-403355-0028**

For SM-43-4033P & SM-43-4033PL



#### Air Regulator

(3 Different Speeds of Forward / Reverse)



▲ One Hand - Forward / Reverse

## SM-41-4012P

3/8" Impact Wrench



## SM-43-4012P

1/2" Mini Impact Wrench



## SM-43-4033P

1/2" Impact Wrench



## SM-43-4033PL

1/2" Impact Wrench  
- with 2" Ext. Anvil



## Patent No.

US D572,991 S  
DE 20 2006 014 757 U1 / DE 20 2007 004 347 U1  
DE 20 2007 010 291 U1  
TW M305737 / M316787 / D117453 / M321349  
Patent Pending in Multi-Countries

## Specifications:

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Loosening Torque (Max.) Ft-lbs (Nm)	Maximum Torque Ft-lbs (Nm)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Average Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-41-4012P	11,000	3/8 (10)	-	430 (583)	25~250 (34~338)	1/4"	3/8 (10)	4 (113)	6 (153)	2.6 (1.2)	83
SM-43-4012P	11,000	1/2 (13)	960 (1,302)	460 (624)	25~250 (34~338)	1/4"	3/8 (10)	4 (113)	6 (153)	2.6 (1.2)	83
SM-43-4033P	7,000	1/2 (13)	1,300 (1,756)	820 (1,112)	50~580 (68~786)	1/4"	3/8 (10)	4 (113)	7.2 (183)	4 (1.9)	83
SM-43-4033PL	7,000	1/2 (13)	1,300 (1,756)	820 (1,112)	50~580 (68~786)	1/4"	3/8 (10)	4 (113)	9.3 (236)	4.4 (2.0)	83

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

\* Max. Torque and Reverse Torque to be Tested by Removing Damping Material

# Impact Wrenches

## Features:

- **Composite Motor Housing**
- **Twin Hammer Clutch Mechanism**
- Push Button One Hand Forward / Reverse
- Available Optional Exhaust Hose Assembly
- Handle Exhaust
- 360° Swivel Air Inlet
- **Lightweight**
- **Low Noise 90 dB(A)**

### Accessories (Optional)

#### Rubber Boot

**#45-405165-0028**

For SM-45-4051P, SM-47-4051P,  
SM-45-4051PL & SM-47-4051PL



#### Exhaust Hose Assembly

**EH-43-4033SUB**

For 3/8" & 1/2" Impact Wrenches

**EH-45-4051SUB**

For 3/4" & 1" Impact Wrenches



## SM-45-4051P

3/4" Impact Wrench



## SM-47-4051P

1" Impact Wrench



## SM-45-4051PL

3/4" Impact Wrench

- with 6" Ext. Anvil

## SM-47-4051PL

1" Impact Wrench

- with 6" Ext. Anvil



## Specifications:

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Maximum Torque Ft-lbs (Nm)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Average Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-45-4051P	5,500	3/4 (19)	1,500 (2,034)	200~1,200 (271~1,627)	3/8"	1/2 (13)	7 (198)	8.5 (215)	7.5 (3.4)	90
SM-45-4051PL	5,500	3/4 (19)	1,500 (2,034)	200~1,200 (271~1,627)	3/8"	1/2 (13)	7 (198)	14.5 (368)	8.8 (4.0)	90
SM-47-4051P	5,500	1 (25.4)	1,500 (2,034)	200~1,200 (271~1,627)	3/8"	1/2 (13)	7 (198)	8.8 (223)	7.7 (3.5)	90
SM-47-4051PL	5,500	1 (25.4)	1,500 (2,034)	200~1,200 (271~1,627)	3/8"	1/2 (13)	7 (198)	14.8 (376)	9.7 (4.4)	90

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

\* Max. Torque and Reverse Torque to be Tested by Removing Damping Material

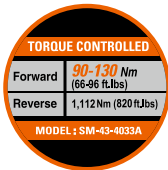
# Impact Wrenches

## Features:

- **Composite Motor Housing**
- **Twin Hammer Clutch Mechanism**
- Max. Torque : **Tightening 90-130 Nm** (66-96 ft.lbs) for SM-43-4012A, SM-43-4033A  
**Tightening 450-600 Nm** (332-443 ft.lbs) for SM-45-4051A  
**Reverse 624 Nm** (460 ft.lbs) for SM-43-4012A  
**Reverse 1,112 Nm** (820 ft.lbs) for SM-43-4033A, SM-43-4033AL  
**Reverse 2,034 Nm** (1,500 ft.lbs) for SM-45-4051A
- Available Optional Exhaust Hose Assembly
- Handle Exhaust
- 360° Swivel Air Inlet
- **Lightweight**
- **Low Noise**



▲ Operation of 1/2" Impact Wrench with Torque Controlled



**SM-43-4012A**  
1/2" Mini Impact Wrench



**SM-43-4033A**  
1/2" Impact Wrench

**Exhaust Hose Assembly**

**EH-43-4033SUB**  
For 3/8" & 1/2" Impact Wrenches

**EH-45-4051SUB**  
For 3/4" & 1" Impact Wrenches



**SM-43-4033AL**  
1/2" Impact Wrench  
- with 2" Ext. Anvil



**SM-45-4051A**  
3/4" Impact Wrench

**Patent No.**  
 US D572,991 S  
 DE 20 2006 014 757 U1 / DE 20 2007 004 347 U1  
 DE 20 2007 010 291 U1  
 TW M305737 / M316787 / D117453 / M321349  
 Patent Pending in Multi-Countries

## Specifications:

Model No.	Free Speed (F/R) (RPM)	Anvil Size Inch (mm)	Tightening Torque Ft-lbs (Nm)	Maximum Torque Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Average Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
<b>SM-43-4012A</b>	7,500 / 12,000	1/2 (13)	66~96 (90~130)	460 (624)	1/4"	3/8 (10)	4 (113)	6 (153)	2.6 (1.2)	<b>83</b>
<b>SM-43-4033A</b>	3,500 / 8,000	1/2 (13)	66~96 (90~130)	820 (1,112)	1/4"	3/8 (10)	4 (113)	7.2 (183)	4 (1.9)	<b>83</b>
<b>SM-43-4033AL</b>	3,500 / 8,000	1/2 (13)	66~96 (90~130)	820 (1,112)	1/4"	3/8 (10)	4 (113)	9.3 (236)	4.4 (2)	<b>83</b>
<b>SM-45-4051A</b>	3,000 / 6,000	3/4 (19)	332~443 (450~600)	1,500 (2,034)	3/8"	1/2 (13)	7 (198)	8.5 (215)	7.5 (3.4)	<b>90</b>

\* Recommended Air Pressure at 90 PSI (6.2 Bar)      \* Max. Torque and Reverse Torque to be Tested by Removing Damping Material



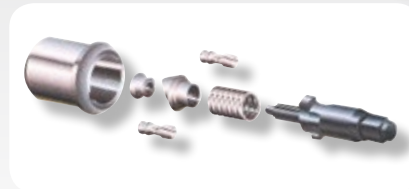
# Impact Wrenches

## Features:

- **Composite Motor Housing**
- **Pin Clutch Mechanism**
- Push Button One Hand Forward / Reverse
- Working Torque :  
Range 50-650 ft.lbs (68-882 Nm)
- Max. Torque :  
Reverse 1,000 ft.lbs (1,375 Nm)
- 360° Swivel Air Inlet
- **Lightweight 4 Lbs (1.9 Kg)**
- **Low Noise 83 dB(A)**

### SM-43-4033P2

1/2" Impact Wrench  
- Pin Clutch Mechanism



▲ Pin Clutch Mechanism



## Features:

- **Composite Motor Housing**
- **Twin Hammer Clutch Mechanism**
- Dial Style Forward / Reverse with 3 Speeds  
in Forward and Full Power Reverse
- Handle Exhaust
- 360° Swivel Air Inlet

### SM-43-4031P1

1/2" Impact Wrench



▲ 3 Different Speeds of Forward & Full Power of Reverse



### SM-43-4031P3

1/2" Impact Wrench



▲ 3 Different Speeds of Forward & Full Power of Reverse



## Patent No.

US D7,174,971 B1  
DE 20 2005 020 352 U1  
TW M290804  
Patent Pending in Multi-Countries

## Specifications:

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Maximum Torque Ft-lbs (Nm)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Average Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-43-4033P2	7,000	1/2 (13)	1,000 (1,375)	50~650 (68~882)	1/4"	3/8 (10)	4 (113)	7.4 (189)	4 (1.9)	83
SM-43-4031P1	7,000	1/2 (13)	680 (922)	50~550 (68~746)	1/4"	1/2 (13)	4.4 (125)	8 (204)	4.8 (2.2)	88
SM-43-4031P3	7,000	1/2 (13)	680 (922)	50~550 (68~746)	1/4"	1/2 (13)	4.4 (125)	8 (204)	4.8 (2.2)	88

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

\* Max. Torque and Reverse Torque to be Tested by Removing Damping Material

# Impact Wrenches

## Features:

- Composite Motor Housing
- Lightweight
- Handle Exhaust
- **Low Noise 83 dB(A)**
- **Twin Hammer Clutch Mechanism**
- Available Optional Exhaust Hose Assembly
- Push Button One Hand Forward / Reverse

### Accessories (Optional)

#### Rubber Boot

#41-402455-0028

For SM-41-4024P & SM-43-4024P

#43-403455-0028

For SM-43-4034P & SM-43-4034PL



#### Air Regulator

(3 Different Speeds of Forward / Reverse)



Forward

Reverse

▲ One Hand - Forward / Reverse

### SM-41-4024P

3/8" Impact Wrench



### SM-43-4024P

1/2" Mini Impact Wrench



### SM-43-4034P

1/2" Impact Wrench



### SM-43-4034PL

1/2" Impact Wrench  
- with 2" Ext. Anvil



## Specifications :

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Loosening Torque (Max.) Ft-lbs (Nm)	Maximum Torque Ft-lbs (Nm)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size Inch (mm)	Average Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-41-4024P	11,000	3/8 (10)	-	430 (583)	25-250 (34-338)	1/4"	3/8 (10)	4 (113)	6 (153)	2.6 (1.2)	83
SM-43-4024P	11,000	1/2 (13)	960 (1,302)	460 (624)	25-250 (34-338)	1/4"	3/8 (10)	4 (113)	6 (153)	2.6 (1.2)	83
SM-43-4034P	7,000	1/2 (13)	1,300 (1,756)	820 (1,112)	50-580 (68-786)	1/4"	3/8 (10)	4 (113)	7.2 (183)	4 (1.9)	83
SM-43-4034PL	7,000	1/2 (13)	1,300 (1,756)	820 (1,112)	50-580 (68-786)	1/4"	3/8 (10)	4 (113)	9.3 (236)	4.3 (1.97)	83

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

\* Max. Torque and Reverse Torque to be Tested by Removing Damping Material

# Impact Wrenches

## Features:

- Composite Motor Housing
- Lightweight
- Handle Exhaust
- **Low Noise 90 dB(A)**
- **Twin Hammer Clutch Mechanism**
- Available Optional Exhaust Hose Assembly
- Push Button One Hand Forward / Reverse

### Accessories (Optional)

#### Rubber Boot

#45-405455-0028

For SM-45-4054P, SM-47-4054P,  
SM-45-4054PL & SM-47-4054PL



#### Exhaust Hose Assembly

**EH-43-4033SUB**

For 3/8" & 1/2" Impact Wrenches

**EH-45-4051SUB**

For 3/4" & 1" Impact Wrenches



### SM-45-4054P

3/4" Impact Wrench



### SM-47-4054P

1" Impact Wrench



### SM-45-4054PL

3/4" Impact Wrench

– with 6" Ext. Anvil



### SM-47-4054PL

1" Impact Wrench

– with 6" Ext. Anvil

## Specifications:

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Maximum Torque Ft-lbs (Nm)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Average Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-45-4054P	5,500	3/4 (19)	1,500 (2,034)	200~1,200 (271~1,627)	3/8"	1/2 (13)	7 (198)	8.5 (215)	7.3 (3.3)	90
SM-45-4054PL	5,500	3/4 (19)	1,500 (2,034)	200~1,200 (271~1,627)	3/8"	1/2 (13)	7 (198)	14.5 (368)	8.6 (3.9)	90
SM-47-4054P	5,500	1 (25.4)	1,500 (2,034)	200~1,200 (271~1,627)	3/8"	1/2 (13)	7 (198)	8.8 (223)	7.5 (3.4)	90
SM-47-4054PL	5,500	1 (25.4)	1,500 (2,034)	200~1,200 (271~1,627)	3/8"	1/2 (13)	7 (198)	14.5 (368)	9.5 (4.3)	90

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

\* Max. Torque and Reverse Torque to be Tested by Removing Damping Material

# Angle Impact Wrench

## Features:

- Aluminum Motor Housing
- Composite Handle
- **Jumbo Hammer** Mechanism
- One Hand Forward / Reverse
- Handle Exhaust (Silencer)
- Compact and Powerful



**SM-43-4010**

1/2" Angle Impact Wrench  
- Jumbo Hammer

## Specifications:

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Maximum Torque Ft-lbs (Nm)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Average Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
<b>SM-43-4010</b>	8,000	1/2 (13)	230 (312)	20~170 (27~231)	1/4"	3/8 (10)	4 (113)	3.5 (88)	2.62 (1.19)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

\* Max. Torque and Reverse Torque to be Tested by Removing Damping Material

# 1/2" Impact Wrench Kits

## Features:

- Composite Motor Housing
- **Twin Hammer Clutch Mechanism**
- **Lightweight**
- 360° Swivel Air Inlet
- **Low Noise 83 dB(A)**

### SM-43-4033PK3

1/2" Impact Wrench Kit



#### Kit Includes:

- 1 pc SM-43-4033P 1/2" Impact Wrench - Twin Hammer
- 10 pcs Sockets set  
incl : 9, 10, 11, 13, 14, 17, 19, 22, 24, 27 mm
- 1 pc Extension Bar
- 1 pc Universal Joint
- 1 pc Nipple
- 1 pc Blow Molded Case

#### Kit Includes:

- 1 pc SM-43-4033P 1/2" Impact Wrench - Twin Hammer
- 1 pc RFG2254 1/2" Reversible Ratchet
- 3 pcs 6 Point 1/2" Deep (Long) Socket set:  
17, 19 & 21mm (Chrome plated+Black)
- 16 pcs 6 Point 1/2" Sockets set : (CR-MO) (Chrome plated+Black)  
incl : 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32mm
- 1 pc Nipple
- 1 pc Blow Molded Case



▲ Sockets set for **SM-43-4033PK2**

### SM-43-4033PK2

1/2" Impact Wrench Kit



### SM-43-4033PK

1/2" Impact Wrench Kit



#### Kit Includes:

- 1 pc SM-43-4033P 1/2" Impact Wrench
- 3 pcs Standard Sockets set:  
17, 19 & 21mm
- 3 pcs Deep (Long) Sockets set  
with sleeve: 17, 19 & 21mm
- 1 pc Blow Molded Case

#### Patent No.

US D572,991 S  
 DE 20 2007 004 347 U1  
 TAIWAN No. M305737 / M316787  
 TAIWAN No. D117453 / M321349  
 Patent Pending in Multi-Countries

## Specifications:

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Loosening Torque (Max.) Ft-lbs (Nm)	Maximum Torque Ft-lbs (Nm)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Average Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
<b>SM-43-4033P</b>	7,000	1/2 (13)	1,300 (1,756)	820 (1,112)	50~580 (68~786)	1/4"	3/8 (10)	4 (113)	7.2 (183)	4 (1.9)	<b>83</b>

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

\* Max. Torque and Reverse Torque to be Tested by Removing Damping Material

# Impact Wrenches

## Features:

- Composite Motor Housing
- **Twin Hammer Clutch Mechanism**
- Push Button One Hand Forward / Reverse
- Available Optional Exhaust Hose Assembly
- Handle Exhaust
- 360° Swivel Air Inlet
- **Lightweight**
- **Low Noise 83 dB(A)**

**Air Regulator**  
(3 Different Speeds of Forward / Reverse)



▲ One Hand - Forward / Reverse



▲ EH-43-4033SUB (Option)

### SM-41-4019P

3/8" Impact Wrench



### SM-43-4019P

1/2" Mini Impact Wrench



### SM-43-4039P

1/2" Impact Wrench



### SM-43-4039PL

1/2" Impact Wrench  
- with 2" Ext. Anvil



## Specifications:

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Loosening Torque (Max.) Ft-lbs (Nm)	Maximum Torque Ft-lbs (Nm)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Average Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-41-4019P	11,000	3/8 (10)	-	430 (583)	25~250 (34~338)	1/4"	3/8 (10)	4 (113)	6 (153)	2.6 (1.2)	83
SM-43-4019P	11,000	1/2 (13)	960 (1,302)	460 (624)	25~250 (34~338)	1/4"	3/8 (10)	4 (113)	6 (153)	2.6 (1.2)	83
SM-43-4039P	7,000	1/2 (13)	1,300 (1,756)	820 (1,112)	50~580 (68~786)	1/4"	3/8 (10)	4 (113)	7.2 (183)	4 (1.9)	83
SM-43-4039PL	7,000	1/2 (13)	1,300 (1,756)	820 (1,112)	50~580 (68~786)	1/4"	3/8 (10)	4 (113)	9.3 (236)	4.4 (2.0)	83

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

\* Max. Torque and Reverse Torque to be Tested by Removing Damping Material

# Impact Wrenches

## Features:

- **Composite Motor Housing**
- **Twin Hammer Clutch Mechanism**
- Push Button One Hand Forward / Reverse
- Available Optional Exhaust Hose Assembly
- Handle Exhaust
- 360° Swivel Air Inlet
- **Lightweight**
- **Low Noise 90 dB(A)**

### Air Regulator

(3 Different Speeds of Forward / Reverse)



▲ One Hand - Forward / Reverse



▲ EH-45-4051SUB (Option)

## SM-45-4059P

3/4" Impact Wrench



## SM-47-4059P

1" Impact Wrench



## SM-45-4059PL

3/4" Impact Wrench

- with 6" Ext. Anvil

## SM-47-4059PL

1" Impact Wrench

- with 6" Ext. Anvil



## Specifications:

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Maximum Torque Ft-lbs (Nm)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Average Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-45-4059P	5,500	3/4 (19)	1,500 (2,034)	200~900 (271~1,224)	3/8"	1/2 (13)	7 (198)	8.5 (215)	7.5 (3.4)	90
SM-45-4059PL	5,500	3/4 (19)	1,500 (2,034)	200~900 (271~1,224)	3/8"	1/2 (13)	7 (198)	14.5 (368)	8.8 (4.0)	90
SM-47-4059P	5,500	1 (25.4)	1,500 (2,034)	200~900 (271~1,224)	3/8"	1/2 (13)	7 (198)	8.8 (223)	7.7 (3.5)	90
SM-47-4059PL	5,500	1 (25.4)	1,500 (2,034)	200~900 (271~1,224)	3/8"	1/2 (13)	7 (198)	14.5 (368)	9.7 (4.4)	90

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

\* Max. Torque and Reverse Torque to be Tested by Removing Damping Material

# Impact Wrenches

## Features:

- **Composite Motor Housing**
- **Twin Hammer Clutch Mechanism**
- Max. Torque : **Tightening 90-130 Nm** (66-96 ft.lbs) for SM-43-4019A, SM-43-4039A  
**Tightening 450-600 Nm** (332-443 ft.lbs) for SM-45-4059A  
**Reverse 624 Nm** (460 ft.lbs) for SM-43-4019A  
**Reverse 1,112 Nm** (820 ft.lbs) for SM-43-4039A  
**Reverse 2,034 Nm** (1,500 ft.lbs) for SM-45-4059A
- Available Optional Exhaust Hose Assembly
- Handle Exhaust
- 360° Swivel Air Inlet
- **Lightweight**
- **Low Noise**



*Torque Controlled*



**SM-43-4019A**  
1/2" Mini Impact Wrench



**SM-43-4039A**  
1/2" Impact Wrench



**SM-45-4059A**  
3/4" Impact Wrench

## Specifications:

Model No.	Free Speed (F/R) (RPM)	Anvil Size Inch (mm)	Tightening Torque Ft-lbs (Nm)	Maximum Torque Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Average Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-43-4019A	7,500 / 12,000	1/2 (13)	66~96 (90~130)	460 (624)	1/4"	3/8 (10)	4 (113)	6 (153)	2.6 (1.2)	83
SM-43-4039A	3,500 / 8,000	1/2 (13)	66~96 (90~130)	820 (1,112)	1/4"	3/8 (10)	4 (113)	7.2 (183)	4 (1.9)	83
SM-45-4059A	3,000 / 6,000	3/4 (19)	332~443 (450~600)	1,500 (2,034)	3/8"	1/2 (13)	7 (198)	8.5 (215)	7.5 (3.4)	90

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

\* Max. Torque and Reverse Torque to be Tested by Removing Damping Material



# Mini Impact Wrenches

## Features:

- **Composite Motor Housing**  
(Double Injection only for SM-40-7253P & SM-41-7253P)
- Reversing Bar on Both Sides
- **Two Speed Trigger**  
(Slow Speed When Pulled Halfway)
- Handle Exhaust
- **Patented Silencer 83 dB(A)**
- **0.5 HP**

*Quiet Series*

### SM-41-7253P

3/8" Mini Impact Wrench



### SM-41-7254P

3/8" Mini Impact Wrench



### SM-40-7253P

1/4" Mini Impact Wrench



### SM-40-7254P

1/4" Mini Impact Wrench

## Patent No.

US D582,236 S / US D582,237 S  
TW M346502 / M346497  
Patent Pending in Multi-Countries

## Specifications:

Model No.	Free Speed (RPM)	Anvil Size (Inch (mm))	Maximum Torque (Ft-lbs (Nm))	Working Torque Range (Ft-lbs (Nm))	Air Inlet (NPT)	Hose Size ID (Inch (mm))	Average Air Consumption (CFM (L/Min))	Length (Inch (mm))	Weight (Lbs (Kg))	Noise Level (dB(A))
SM-40-7253P	11,000	1/4 (6)	75 (102)	25~70 (34~95)	1/4"	3/8 (10)	4 (113)	6.7 (170)	2.2 (1.0)	83
SM-40-7254P	11,000	1/4 (6)	75 (102)	25~70 (34~95)	1/4"	3/8 (10)	4 (113)	6.7 (170)	2.2 (1.0)	83
SM-41-7253P	11,000	3/8 (10)	100 (136)	25~90 (34~122)	1/4"	3/8 (10)	4 (113)	6.9 (174)	2.2 (1.0)	83
SM-41-7254P	11,000	3/8 (10)	100 (136)	25~90 (34~122)	1/4"	3/8 (10)	4 (113)	6.9 (174)	2.2 (1.0)	83

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

\* Max. Torque and Reverse Torque to be Tested by Removing Damping Material

# 1/4" Hex Impact Drivers

## Features:

- **Composite Motor Housing**  
(Double Injection only for SM-48-7253P)
- Reverse Bar On Both Sides
- **Two Speed Trigger**
- **Patented Silencer 84 dB(A)**
- Handle Exhaust
- **0.5 HP**

*Composite*

### SM-48-7253P

1/4" Hex Impact Driver



### SM-48-7254P

1/4" Hex Impact Driver



## Specifications:

Model No.	Free Speed (RPM)	Hex Drive Capacity (Inch)	Maximum Torque (Ft-lbs (Nm))	Working Torque Range (Ft-lbs (Nm))	Air Inlet (NPT)	Hose Size ID (Inch (mm))	Average Air Consumption (CFM (L/Min))	Length (Inch (mm))	Weight (Lbs (Kg))	Noise Level (dB(A))
SM-48-7253P	11,000	1/4	75 (102)	25~40 (34~54)	1/4"	3/8 (10)	4 (113)	7.1 (181)	2.2 (1.0)	84
SM-48-7254P	11,000	1/4	75 (102)	25~40 (34~54)	1/4"	3/8 (10)	4 (113)	7.1 (181)	2.2 (1.0)	84

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Impact Wrenches

## Features:

- **Composite Motor Housing**
- **Push Button One Hand Forward / Reverse**
- **Handle Exhaust (Silencer)**
- **Compact and Powerful**



▲ One Hand - Forward / Reverse



## SM-41-4015P

3/8" Stubby Impact Wrench  
- Twin Hammer



## SM-43-4015P

1/2" Stubby Impact Wrench  
- Twin Hammer

## SM-41-4015P2

3/8" Stubby Impact Wrench  
- Jumbo Hammer



## SM-43-4015P2

1/2" Stubby Impact Wrench  
- Jumbo Hammer

## Specifications:

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Loosening Torque (Max.) Ft-lbs (Nm)	Maximum Torque Ft-lbs (Nm)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Average Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
<b>SM-41-4015P</b>	10,000	3/8 (10)	-	700 (949)	25~350 (34~475)	1/4"	3/8 (10)	4.9 (139)	5.1 (130)	2.78 (1.26)
<b>SM-43-4015P</b>	10,000	1/2 (13)	1,033 (1,400)	700 (949)	25~350 (34~475)	1/4"	3/8 (10)	4.9 (139)	5.1 (130)	2.8 (1.27)
<b>SM-41-4015P2</b>	10,000	3/8 (10)	-	700 (949)	25~350 (34~475)	1/4"	3/8 (10)	4.9 (139)	4.7 (120)	2.64 (1.2)
<b>SM-43-4015P2</b>	10,000	1/2 (13)	1,033 (1,400)	700 (949)	25~350 (34~475)	1/4"	3/8 (10)	4.9 (139)	4.7 (120)	2.67 (1.21)

\* Recommended Air Pressure at 90 PSI (6.2 Bar) \* Max. Torque and Reverse Torque to be Tested by Removing Damping Material

# Impact Wrenches

## Features:

- Compact and Powerful
- Aluminum Handle with Steel Clutch Housing

*Compact & Powerful*



### SM-41-4001

3/8" Stubby Impact Wrench

- Twin Hammer

### SM-43-4001

1/2" Stubby Impact Wrench

- Twin Hammer



### SM-41-4002

3/8" Stubby Impact Wrench

- Jumbo Hammer

### SM-43-4002

1/2" Stubby Impact Wrench

- Jumbo Hammer

## Specifications:

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Loosening Torque (Max.) Ft-lbs (Nm)	Maximum Torque Ft-lbs (Nm)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Average Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SM-41-4001	10,000	3/8 (10)	-	500 (678)	25~300 (34~407)	1/4"	3/8 (10)	4 (113)	4.7 (120)	3.4 (1.54)
SM-43-4001	10,000	1/2 (13)	960 (1,302)	500 (678)	25~300 (34~407)	1/4"	3/8 (10)	4 (113)	4.7 (120)	3.4 (1.54)
SM-41-4002	10,000	3/8 (10)	-	500 (678)	25~300 (34~407)	1/4"	3/8 (10)	4 (113)	4.3 (109)	3.2 (1.44)
SM-43-4002	10,000	1/2 (13)	960 (1,302)	500 (678)	25~300 (34~407)	1/4"	3/8 (10)	4 (113)	4.3 (109)	3.2 (1.44)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

\* Max. Torque and Reverse Torque to be Tested by Removing Damping Material

# Stubby Impact Wrench

## Features:

- **Composite Motor Housing**
- **Handle Exhaust (Silencer)**
- **One Hand Forward / Reverse**
- **Compact and Powerful**



**SM-43-4011P**  
1/2" Stubby Impact Wrench  
- Twin Hammer

**SM-43-4011P2**  
1/2" Stubby Impact Wrench  
- Jumbo Hammer

## Specifications:

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Loosening Torque (Max.) Ft-lbs (Nm)	Maximum Torque Ft-lbs (Nm)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Average Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SM-43-4011P	9,000	1/2 (13)	864 (1,172)	450 (610)	25~230 (34~312)	1/4"	3/8 (10)	4.5 (127)	3.9 (98)	2.45 (1.11)
SM-43-4011P2	9,000	1/2 (13)	864 (1,172)	450 (610)	25~230 (34~312)	1/4"	3/8 (10)	4.5 (127)	3.7 (93)	2.38 (1.08)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

\* Max. Torque and Reverse Torque to be tested by Removing Damping Material

# Stubby Impact Wrench

## Features:

- **Composite Motor Housing**
- **Handle Exhaust (Silencer)**
- **One Hand Forward / Reverse**
- **Compact and Powerful**



**SM-43-4013P**  
1/2" Stubby Impact Wrench  
- *Twin Hammer*



**SM-43-4013P2**  
1/2" Stubby Impact Wrench  
- *Jumbo Hammer*

## Specifications:

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Loosening Torque (Max.) Ft-lbs (Nm)	Maximum Torque Ft-lbs (Nm)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Average Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SM-43-4013P	9,000	1/2 (13)	940 (1,275)	500 (678)	25~320 (34~434)	1/4"	3/8 (10)	5.8 (164)	4.4 (112)	2.56 (1.16)
SM-43-4013P2	8,000	1/2 (13)	940 (1,275)	500 (678)	25~320 (34~434)	1/4"	3/8 (10)	5.8 (164)	3.9 (98)	2.45 (1.11)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

\* Max. Torque and Reverse Torque to be tested by Removing Damping Material

# Impact Wrenches

## Features:

- **Composite** Motor Housing
- **Twin Hammer**
- Thumb Operated Forward and Reverse Switches Provide One Hand Operation
- Variable Speed Trigger

### Air Regulator

(3 Different Speeds of Forward / Reverse)



Reverse

Forward

▲ One Hand - Forward / Reverse

### SM-41-4114P

3/8" Impact Wrench



### SM-43-4114P

1/2" Mini Impact Wrench



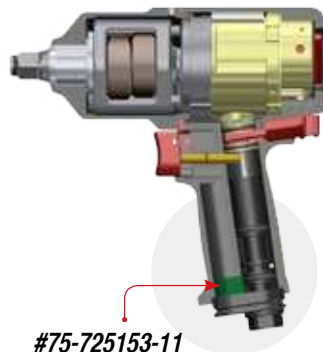
### SM-43-4134P

1/2" Impact Wrench



### SM-43-4134L

1/2" Impact Wrench  
- with 2" Ext. Anvil



#75-725153-11

Muffer Material for Quiet Series (Optional)

▲ Low Noise Model for Europe  
(Model No. ended with "Q",  
Example : SM-43-4134PQ)

## Specifications:

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Maximum Torque Ft-lbs (Nm)	Loosening Torque (Max.) Ft-lbs (Nm)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Average Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SM-41-4114P	12,000	3/8 (10)	430 (583)	-	25~250 (34-338)	1/4"	3/8 (10)	4 (113)	6.2 (157)	2.73 (1.24)
SM-43-4114P	12,000	1/2 (13)	460 (624)	960 (1,302)	25~250 (34-338)	1/4"	3/8 (10)	4 (113)	6.2 (157)	2.73 (1.24)
SM-43-4134P	8,000	1/2 (13)	820 (1,112)	1,300 (1,756)	50~580 (68~786)	1/4"	3/8 (10)	4 (113)	7.4 (187)	4.21 (1.91)
SM-43-4134L	8,000	1/2 (13)	820 (1,112)	1,300 (1,756)	50~580 (68~786)	1/4"	3/8 (10)	4 (113)	9.4 (239)	4.47 (2.03)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

\* Max. Torque and Reverse Torque to be Tested by Removing Damping Material

# Impact Wrenches

## Features:

- **Composite** Motor Housing
- **Twin Hammer**
- Thumb Operated Forward and Reverse Switches Provide One Hand Operation
- Variable Speed Trigger

### Air Regulator

(3 Different Speeds of Forward / Reverse)



Reverse

Forward

▲ One Hand - Forward / Reverse

### SM-45-4154P

3/4" Impact Wrench



### SM-47-4154P

1" Impact Wrench



### SM-45-4154L

3/4" Impact Wrench

- with 6" Ext. Anvil

### SM-47-4154L

1" Impact Wrench

- with 6" Ext. Anvil



## Specifications:

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Maximum Torque Ft-lbs (Nm)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Average Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SM-45-4154P	5,500	3/4 (19)	1,500 (2,034)	200~1,200 (271~1,627)	3/8"	1/2 (13)	7 (198)	8.7 (220)	7.59 (3.44)
SM-47-4154P	5,500	1 (25.4)	1,500 (2,034)	200~1,200 (271~1,627)	3/8"	1/2 (13)	7 (198)	9 (228)	7.78 (3.53)
SM-45-4154L	5,500	3/4 (19)	1,500 (2,034)	200~1,200 (271~1,627)	3/8"	1/2 (13)	7 (198)	14.7 (373)	8.9 (4.04)
SM-47-4154L	5,500	1 (25.4)	1,500 (2,034)	200~1,200 (271~1,627)	3/8"	1/2 (13)	7 (198)	15 (381)	9.74 (4.42)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

\* Max. Torque and Reverse Torque to be Tested by Removing Damping Material

# Impact Wrench

## Features:

- **Composite** Motor Housing
- **Twin Hammer**
- Thumb Operated Forward and Reverse Switches Provide One Hand Operation
- Variable Speed Trigger
- **1.81 kg**

**SM-45-4134P**

3/4" Mini Impact Wrench

176 mm

**Air Regulator**  
(3 Different Speeds of Forward / Reverse)



Reverse Forward

▲ One Hand - Forward / Reverse



#75-725153-11

Muffer Material for Quiet Series (Optional)

▲ Low Noise Model for Europe  
(Model No. ended with "Q",  
Example : SM-45-4134PQ)



1.81 Kg

## Specifications:

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Maximum Torque Ft-lbs (Nm)	Loosening Torque (Max.) Ft-lbs (Nm)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Average Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
<b>SM-45-4134P</b>	8,000	3/4 (19)	820 (1,112)	1,300 (1,756)	50~580 (68~786)	1/4"	3/8 (10)	4 (113)	6.9 (176)	3.99 (1.81)

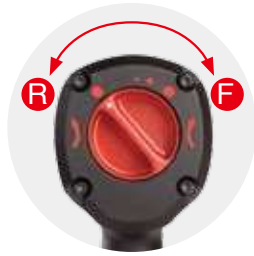
\* Recommended Air Pressure at 90 PSI (6.2 Bar)



# Impact Wrenches

## Features:

- **Composite** Motor Housing
- Handle Exhaust (Silencer)
- **Twin Hammer / Pin Clutch**
- Reverse : Full Power
- Forward : 3 Different Speeds



### Patent No.

TW M453569 / D159427  
Patent Pending in Multi-Countries

### SM-41-4113P

3/8" Impact Wrench  
- Twin Hammer



### SM-43-4113P

1/2" Mini Impact Wrench  
- Twin Hammer



### SM-43-4133P1

1/2" Impact Wrench  
- Twin Hammer



### SM-43-4133P2

1/2" Impact Wrench  
- Pin Clutch



### SM-43-4133PL

1/2" Impact Wrench  
- with 2" Ext. Anvil  
- Twin Hammer



### SM-45-4153P

3/4" Impact Wrench  
- Twin Hammer



### SM-47-4153P

1" Impact Wrench  
- Twin Hammer



## Specifications :

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Loosening Torque (Max.) Ft-lbs (Nm)	Maximum Torque Ft-lbs (Nm)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Average Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SM-41-4113P	11,000	3/8 (10)	-	430 (583)	25~250 (34-338)	1/4"	3/8 (10)	4 (113)	6.2 (157)	2.84 (1.29)
SM-43-4113P	11,000	1/2 (13)	-	460 (624)	25~250 (34-338)	1/4"	3/8 (10)	4 (113)	6.2 (157)	2.84 (1.29)
SM-43-4133P1	9,000	1/2 (13)	1,100 (1,492)	780 (1,054)	50~550 (68~746)	1/4"	3/8 (10)	4.4 (125)	7.3 (186)	4.5 (2.04)
SM-43-4133P2	8,000	1/2 (13)	-	780 (1,054)	50~550 (68~746)	1/4"	3/8 (10)	4.4 (125)	7.6 (192)	4.58 (2.08)
SM-43-4133PL	9,000	1/2 (13)	1,100 (1,492)	780 (1,054)	50~550 (68~746)	1/4"	3/8 (10)	4.4 (125)	7.3 (186)	4.74 (2.15)
SM-45-4153P	5,500	3/4 (19)	-	1500 (2,034)	200~1200 (271~1627)	3/8"	1/2 (13)	7 (198)	8.7 (220)	8.35 (3.79)
SM-47-4153P	5,500	1 (25.4)	-	1500 (2,034)	200~1200 (271~1627)	3/8"	1/2 (13)	7 (198)	9 (229)	8.55 (3.88)

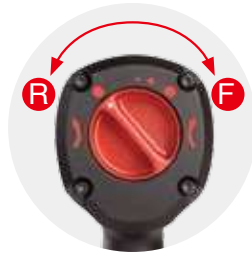
\* Recommended Air Pressure at 90 PSI (6.2 Bar)

\* Max. Torque and Reverse Torque to be Tested by Removing Damping Material

# Impact Wrenches

## Features:

- **Composite** Motor Housing
- Handle Exhaust (Silencer)
- **Twin Hammer / Pin Clutch**
- Reverse : Full Power
- Forward : 3 Different Speeds



### Patent No.

TW M453569 / D159426  
Patent Pending in Multi-Countries



**SM-43-4131P1**  
1/2" Impact Wrench  
- Twin Hammer



**SM-43-4131P2**  
1/2" Impact Wrench  
- Pin Clutch



**SM-43-4131PL**  
1/2" Impact Wrench  
- with 2" Ext. Anvil  
- Twin Hammer



**SM-45-4151P**  
3/4" Impact Wrench  
- Twin Hammer



**SM-47-4151P**  
1" Impact Wrench  
- Twin Hammer



**SM-45-4151PL**  
3/4" Impact Wrench  
- with 6" Ext. Anvil  
- Twin Hammer

**SM-47-4151PL**  
1" Impact Wrench  
- with 6" Ext. Anvil  
- Twin Hammer

## Specifications :

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Loosening Torque (Max.) Ft-lbs (Nm)	Maximum Torque Ft-lbs (Nm)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Average Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
<b>SM-43-4131P1</b>	9,000	1/2 (13)	1,100 (1,492)	780 (1,054)	50~550 (68~746)	1/4"	3/8 (10)	4.4 (125)	7.3 (186)	4.58 (2.08)
<b>SM-43-4131P2</b>	8,000	1/2 (13)	-	780 (1,054)	50~550 (68~746)	1/4"	3/8 (10)	4.4 (125)	7.6 (192)	4.67 (2.12)
<b>SM-43-4131PL</b>	9,000	1/2 (13)	1,100 (1,492)	780 (1,054)	50~550 (68~746)	1/4"	3/8 (10)	4.4 (125)	9.4 (239)	4.89 (2.22)
<b>SM-45-4151P</b>	5,500	3/4 (19)	-	1,500 (2034)	200~1,200 (271~1,627)	3/8"	1/2 (13)	7 (198)	8.7 (220)	8.77 (3.98)
<b>SM-47-4151P</b>	5,500	1 (25.4)	-	1,500 (2034)	200~1,200 (271~1,627)	3/8"	1/2 (13)	7 (198)	9 (229)	9.01 (4.09)
<b>SM-45-4151PL</b>	5,500	3/4 (19)	-	1,500 (2034)	200~1,200 (271~1,627)	3/8"	1/2 (13)	7 (198)	14.7 (374)	9.81 (4.45)
<b>SM-47-4151PL</b>	5,500	1 (25.4)	-	1,500 (2034)	200~1,200 (271~1,627)	3/8"	1/2 (13)	7 (198)	15 (381)	10.95 (4.97)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

\* Max. Torque and Reverse Torque to be Tested by Removing Damping Material

# Impact Wrenches

## Features:

- Built-in Comfort Grip
- Handle Exhaust (Silencer)
- **Twin Hammer Clutch Mechanism**



**SM-41-4017G**  
3/8" Impact Wrench



**SM-43-4017G**  
1/2" Mini Impact Wrench



**SM-43-4037G**  
1/2" Impact Wrench



**SM-45-4057G**  
3/4" Impact Wrench



**SM-47-4057G**  
1" Impact Wrench



**SM-45-4057LG**  
3/4" Impact Wrench  
- with 6" Ext. Anvil

**SM-47-4057LG**  
1" Impact Wrench  
- with 6" Ext. Anvil

## Specifications:

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Maximum Torque Ft-lbs (Nm)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Average Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SM-41-4017G	11,000	3/8 (10)	400 (542)	25~300 (34~407)	1/4"	3/8 (10)	5 (142)	6.1 (156)	3.5 (1.6)
SM-43-4017G	11,000	1/2 (13)	400 (542)	25~300 (34~407)	1/4"	3/8 (10)	5 (142)	6.1 (156)	3.5 (1.6)
SM-43-4037G	9,000	1/2 (13)	900 (1,220)	50~700 (68~949)	1/4"	3/8 (10)	6 (170)	7.3 (185)	6 (2.7)
SM-45-4057G	5,500	3/4 (19)	1,500 (2,034)	200~1,300 (271~1,763)	3/8"	1/2 (13)	7 (198)	8.7 (220)	10.1 (4.6)
SM-47-4057G	5,500	1 (25.4)	1,500 (2,034)	200~1,300 (271~1,763)	3/8"	1/2 (13)	7 (198)	9 (228)	11 (5)
SM-45-4057LG	5,500	3/4 (19)	1,500 (2,034)	200~1,300 (271~1,763)	3/8"	1/2 (13)	7 (198)	14.7 (373)	12.1 (5.5)
SM-47-4057LG	5,500	1 (25.4)	1,500 (2,034)	200~1,300 (271~1,763)	3/8"	1/2 (13)	7 (198)	15 (381)	13 (5.9)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

\* Max. Torque and Reverse Torque to be Tested by Removing Damping Material

# 1" Heavy Duty Impact Wrenches

## Features:

- Side Support Handle for Better Control when Operate
- Handle with Inside Trigger
- with Steel Ring to Retain the Sockets
- **Twin Hammer Clutch / Pinless Clutch Mechanism**



### SM-47-4071

#### 1" Heavy Duty Impact Wrench

- Pinless Clutch
- Max. Torque : 2,200 Ft-lbs (2,983 Nm)
- Weight : 10.56 kgs



### SM-47-4072

#### 1" Heavy Duty Impact Wrench

- Twin Hammer
- Max. Torque : 2,500 Ft-lbs (3,390 Nm)
- Weight : 10 kgs



### SM-47-4071L7

#### 1" Heavy Duty Impact Wrench - Pinless Clutch

- Anvil Length : 7.6" (193 mm)
- Max. Torque : 2,200 Ft-lbs (2,983 Nm)
- Weight : 11.9 kgs

### SM-47-4071L9

#### 1" Heavy Duty Impact Wrench - Pinless Clutch

- Anvil Length : 9.6" (245 mm)
- Max. Torque : 2,200 Ft-lbs (2,983 Nm)
- Weight : 12.2 kgs



### SM-47-4072L6

#### 1" Heavy Duty Impact Wrench - Twin Hammer

- Anvil Length : 6.3" (159 mm)
- Max. Torque : 2,500 Ft-lbs (3,390 Nm)
- Weight : 10.9 kgs

### SM-47-4072L8

#### 1" Heavy Duty Impact Wrench - Twin Hammer

- Anvil Length : 8.3" (210 mm)
- Max. Torque : 2,500 Ft-lbs (3,390 Nm)
- Weight : 11 kgs



## Specifications :

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Maximum Torque Ft-lbs (Nm)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Max. Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SM-47-4071	5,000	1 (25.4)	2,200 (2,983)	400~1,650 (542~2,237)	1/2"	1/2 (13)	10 (282)	13.6 (346)	23.3 (10.56)
SM-47-4072	5,000	1 (25.4)	2,500 (3,390)	400~1,800 (542~2,441)	1/2"	1/2 (13)	10 (282)	16.2 (412)	22 (10)
SM-47-4071L7	5,000	1 (25.4)	2,200 (2,983)	400~1,650 (542~2,237)	1/2"	1/2 (13)	10 (282)	19.6 (497)	26.2 (11.9)
SM-47-4071L9	5,000	1 (25.4)	2,200 (2,983)	400~1,650 (542~2,237)	1/2"	1/2 (13)	10 (282)	21.6 (548)	26.9 (12.2)
SM-47-4072L6	5,000	1 (25.4)	2,500 (3,390)	400~1,800 (542~2,441)	1/2"	1/2 (13)	10 (282)	18.7 (476)	24 (10.9)
SM-47-4072L8	5,000	1 (25.4)	2,500 (3,390)	400~1,800 (542~2,441)	1/2"	1/2 (13)	10 (282)	20.7 (527)	24.3 (11)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

\* Max. Torque and Reverse Torque to be Tested by Removing Damping Material

# 1" Heavy Duty Impact Wrench Kit

*Heavy Duty Series*

## Features:

- Side Support Handle for Better Control when Operate
- Handle with Inside Trigger
- with Steel Ring to Retain the Sockets
- **Twin Hammer Clutch / Pinless Clutch Mechanism**
- with Sockets Set : 27, 30, 32, 33, 35, 36, 38, 41 mm



### SM-47-4071L7K

1" Heavy Duty Impact Wrench Kit - **Pinless Clutch**

- Anvil Length : 7.6" (193 mm)
- Max. Torque : 2,200 Ft-lbs (2,983 Nm)

### SM-47-4071L9K

1" Heavy Duty Impact Wrench Kit - **Pinless Clutch**

- Anvil Length : 9.6" (245 mm)
- Max. Torque : 2,200 Ft-lbs (2,983 Nm)

#### Kit Includes:

- 1 pc SM-47-4071L7 or SM-47-4071L9
- 8 pcs Sockets Set  
incl : 27, 30, 32, 33, 35, 36, 38, 41 mm
- 1 pc Blow Molded Case

### SM-47-4072L6K

1" Heavy Duty Impact Wrench Kit - **Twin Hammer**

- Anvil Length : 6.3" (159 mm)
- Max. Torque : 2,500 Ft-lbs (3,390 Nm)

### SM-47-4072L8K

1" Heavy Duty Impact Wrench Kit - **Twin Hammer**

- Anvil Length : 8.3" (210 mm)
- Max. Torque : 2,500 Ft-lbs (3,390 Nm)

#### Kit Includes:

- 1 pc SM-47-4072L6 or SM-47-4072L8
- 8 pcs Sockets Set  
incl : 27, 30, 32, 33, 35, 36, 38, 41 mm
- 1 pc Blow Molded Case

## Specifications :

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Maximum Torque Ft-lbs (Nm)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Max. Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SM-47-4071L7	5,000	1 (25.4)	2,200 (2,983)	400~1,650 (542~2,237)	1/2"	1/2 (13)	10 (282)	19.6 (497)	26.2 (11.9)
SM-47-4071L9	5,000	1 (25.4)	2,200 (2,983)	400~1,650 (542~2,237)	1/2"	1/2 (13)	10 (282)	21.6 (548)	26.9 (12.2)
SM-47-4072L6	5,000	1 (25.4)	2,500 (3,390)	400~1,800 (542~2,441)	1/2"	1/2 (13)	10 (282)	18.7 (476)	24 (10.9)
SM-47-4072L8	5,000	1 (25.4)	2,500 (3,390)	400~1,800 (542~2,441)	1/2"	1/2 (13)	10 (282)	20.7 (527)	24.3 (11)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

\* Max. Torque and Reverse Torque to be Tested by Removing Damping Material

# 1" Light Duty Impact Wrenches

## Features:

- Side Support Handle for Better Control when Operate
- Bended Handle with Inside Trigger
- with Steel Ring to Retain the Sockets
- **Twin Hammer Clutch Mechanism**
- **Lightweight**

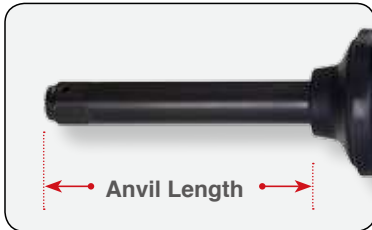


▲ Inside Trigger



Crank Back Handle

Side Exhaust to Direct Exhaust Air away from the Side.



← Anvil Length →



▲ Safe Twist Handle Design

### SM-47-4073

#### 1" Impact Wrench

- Twin Hammer
- Max. Torque : 1,800 Ft-lbs (2,441 Nm)
- Weight : 6.5 kgs



### SM-47-4073L7

#### 1" Impact Wrench

- Twin Hammer
- Anvil Length : 7.1" (180 mm)
- Max. Torque : 1,800 Ft-lbs (2,441 Nm)
- Weight : 7.3 kgs

### SM-47-4073L8

#### 1" Impact Wrench

- Twin Hammer
- Anvil Length : 8.3" (210 mm)
- Max. Torque : 1,800 Ft-lbs (2,441 Nm)
- Weight : 7.5 kgs

### SM-47-4073L7Q

#### 1" Impact Wrench (Lower Noise)

- Twin Hammer
- Anvil Length : 7.1" (180 mm)
- Max. Torque : 1,600 Ft-lbs (2,170 Nm)
- Weight : 7.3 kgs

### SM-47-4073L8Q

#### 1" Impact Wrench (Lower Noise)

- Twin Hammer
- Anvil Length : 8.3" (210 mm)
- Max. Torque : 1,600 Ft-lbs (2,170 Nm)
- Weight : 7.5 kgs



Patent Pending in Multi-Countries

## Specifications:

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Maximum Torque Ft-lbs (Nm)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Average Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-47-4073	6,000	1 (25.4)	1,800 (2,441)	200~1,500 (271~2,033)	1/2"	1/2 (13)	10 (282)	12.8 (324)	14.3 (6.5)	96
SM-47-4073L7	6,000	1 (25.4)	1,800 (2,441)	200~1,500 (271~2,033)	1/2"	1/2 (13)	10 (282)	18.3 (466)	16.1 (7.3)	96
SM-47-4073L8	6,000	1 (25.4)	1,800 (2,441)	200~1,500 (271~2,033)	1/2"	1/2 (13)	10 (282)	19.4 (492)	16.5 (7.5)	96
SM-47-4073L7Q	5,500	1 (25.4)	1,600 (2,170)	200~1,350 (271~1,831)	1/2"	1/2 (13)	10 (282)	18.3 (466)	16.1 (7.3)	89
SM-47-4073L8Q	5,500	1 (25.4)	1,600 (2,170)	200~1,350 (271~1,831)	1/2"	1/2 (13)	10 (282)	19.4 (492)	16.5 (7.5)	89

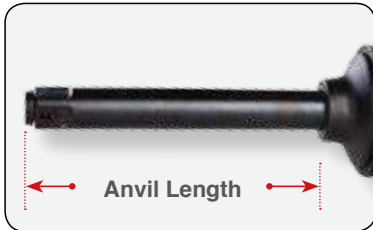
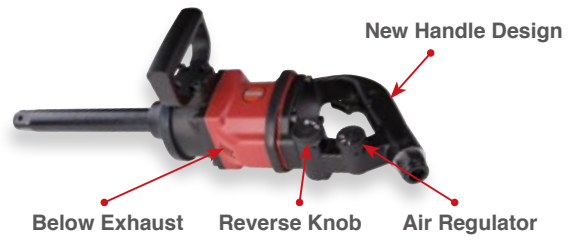
\* Recommended Air Pressure at 90 PSI (6.2 Bar)

\* Max. Torque and Reverse Torque to be Tested by Removing Damping Material

# 1" Light Duty Impact Wrenches

## Features:

- Side Support Handle for Better Control when Operate
- with Steel Ring to Retain the Sockets
- **Twin Hammer Clutch Mechanism**
- **Lightweight**



### SM-47-4076

#### 1" Impact Wrench

- Twin Hammer
- Max. Torque : 1,800 Ft-lbs (2,441 Nm)
- Weight : 6.3 kgs



### SM-47-4076L7

#### 1" Impact Wrench

- Twin Hammer
- Anvil Length : 7.3" (185 mm)
- Max. Torque : 1,800 Ft-lbs (2,441 Nm)
- Weight : 7.1 kgs



### SM-47-4076L8

#### 1" Impact Wrench

- Twin Hammer
- Anvil Length : 8.3" (210 mm)
- Max. Torque : 1,800 Ft-lbs (2,441 Nm)
- Weight : 7.2 kgs



## Specifications:

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Maximum Torque Ft-lbs (Nm)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Average Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-47-4076	6,000	1 (25.4)	1,800 (2,441)	220~1,450 (300~1,965)	1/2"	1/2 (13)	10 (282)	14.9 (378)	13.9 (6.3)	90
SM-47-4076L7	6,000	1 (25.4)	1,800 (2,441)	220~1,450 (300~1,965)	1/2"	1/2 (13)	10 (282)	20.6 (522)	15.7 (7.1)	90
SM-47-4076L8	6,000	1 (25.4)	1,800 (2,441)	220~1,450 (300~1,965)	1/2"	1/2 (13)	10 (282)	21.5 (547)	15.9 (7.2)	90

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

\* Max. Torque and Reverse Torque to be Tested by Removing Damping Material

# 1" Heavy Duty Impact Wrenches

## Features:

- 1" Heavy Duty Impact Wrench
- **Twin Hammer Clutch Mechanism**
- Adjustable Side Handle
- 3 Position Power Setting in Forward and Reverse
- Handle Exhaust



**3 Position Power Setting  
in Forward and Reverse**



**Anvil Length**

### Accessories (Optional)

#### Exhaust Hose Assembly

**EH-47-407457-11SUB**

For SM-47-4075



### **SM-47-4075** 1" Impact Wrench

- Max. Torque : 2,500 Ft-lbs (3,390 Nm)
- Weight : **9.9 kgs**



### **SM-47-4075L6** 1" Impact Wrench

- Anvil Length : **6.3" (160 mm)**
- Max. Torque : 2,500 Ft-lbs (3,390 Nm)
- Weight : **10.7 kgs**



### **SM-47-4075L8** 1" Impact Wrench

- Anvil Length : **8.3" (210 mm)**
- Max. Torque : 2,500 Ft-lbs (3,390 Nm)
- Weight : **11.1 kgs**

## Specifications:

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Maximum Torque Ft-lbs (Nm)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Average Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
<b>SM-47-4075</b>	5,000	1 (25.4)	2,500 (3,390)	360~1,600 (488~2,169)	1/2"	1/2 (13)	10 (282)	11.4 (290)	21.8 (9.9)
<b>SM-47-4075L6</b>	5,000	1 (25.4)	2,500 (3,390)	360~1,600 (488~2,169)	1/2"	1/2 (13)	10 (282)	15.4 (391)	23.6 (10.7)
<b>SM-47-4075L8</b>	5,000	1 (25.4)	2,500 (3,390)	360~1,600 (488~2,169)	1/2"	1/2 (13)	10 (282)	17.4 (442)	24.5 (11.1)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

\* Max. Torque and Reverse Torque to be Tested by Removing Damping Material



# 1" Light Duty Impact Wrenches

## Features:

- 1" Heavy Duty Impact Wrench
- **Twin Hammer Clutch Mechanism**
- Adjustable Side Handle
- 3 Position Power Setting in Forward and Reverse
- Handle Exhaust



**3 Position Power Setting  
in Forward and Reverse**



**Anvil Length**

### Accessories (Optional)

#### Exhaust Hose Assembly

**EH-47-407457-11SUB**

For SM-47-4075



### **SM-47-4074**

**1" Impact Wrench**

- Max. Torque : 1,800 Ft-lbs (2,441 Nm)
- Weight : **6.3 kgs**



### **SM-47-4074L7**

**1" Impact Wrench**

- Anvil Length : **7.3" (185 mm)**
- Max. Torque : 1,800 Ft-lbs (2,441 Nm)
- Weight : **7.1 kgs**



### **SM-47-4074L8**

**1" Impact Wrench**

- Anvil Length : **8.3" (210 mm)**
- Max. Torque : 1,800 Ft-lbs (2,441 Nm)
- Weight : **7.3 kgs**

## Specifications:

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Maximum Torque Ft-lbs (Nm)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Average Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
<b>SM-47-4074</b>	6,000	1 (25.4)	1,800 (2,441)	220~1,450 (300~1,965)	1/2"	1/2 (13)	10 (282)	9.7 (247)	13.9 (6.3)
<b>SM-47-4074L7</b>	6,000	1 (25.4)	1,800 (2,441)	220~1,450 (300~1,965)	1/2"	1/2 (13)	10 (282)	15.4 (390)	15.7 (7.1)
<b>SM-47-4074L8</b>	6,000	1 (25.4)	1,800 (2,441)	220~1,450 (300~1,965)	1/2"	1/2 (13)	10 (282)	16.3 (415)	16.1 (7.3)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

\* Max. Torque and Reverse Torque to be Tested by Removing Damping Material

# Super Impact Wrench

## Features:

- Composite Motor Housing
- Handle Exhaust
- Twin Hammer Clutch
- 7 Rotor Vanes - Composite
- Variable Speed Trigger
- BIAS Air Motor
- Forward : 3 Different Speeds
- Reverse : Full Power

## SM-43-4038P

1/2" Super Impact Wrench



## SM-43-4038PL

1/2" Impact Wrench  
- with 2" Ext. Anvil



## Specifications:

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Loosening Torque (Max.) Ft-lbs (Nm)	Maximum Torque Ft-lbs (Nm)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Average Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-43-4038P	7,500	1/2 (13)	1,300 (1,756)	950 (1,288)	50~580 (68~786)	1/4"	3/8 (10)	4 (113)	7.3 (185)	4.3 (1.94)	89
SM-43-4038PL	7,500	1/2 (13)	1,300 (1,756)	950 (1,288)	50~580 (68~786)	1/4"	3/8 (10)	4 (113)	9.4 (238)	4.4 (2)	89

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

\* Max. Torque and Reverse Torque to be Tested by Removing Damping Material

# Take A Load Off Users' Backs With Our Suspending Stands

## Features:

Auto mechanic, tire shop workers and others who need to manipulate heavy objects will immediately recognize the value of this product. By suspending air tools and other items in midair, it protects users' backs and saves their time and strength. For details, please contact us today.



 **Demonstration on website :**  
<http://www.sunmatch.com/video.html>



## Patent No.

TAIWAN No. 158779  
Patents pending in other countries

## Specifications:

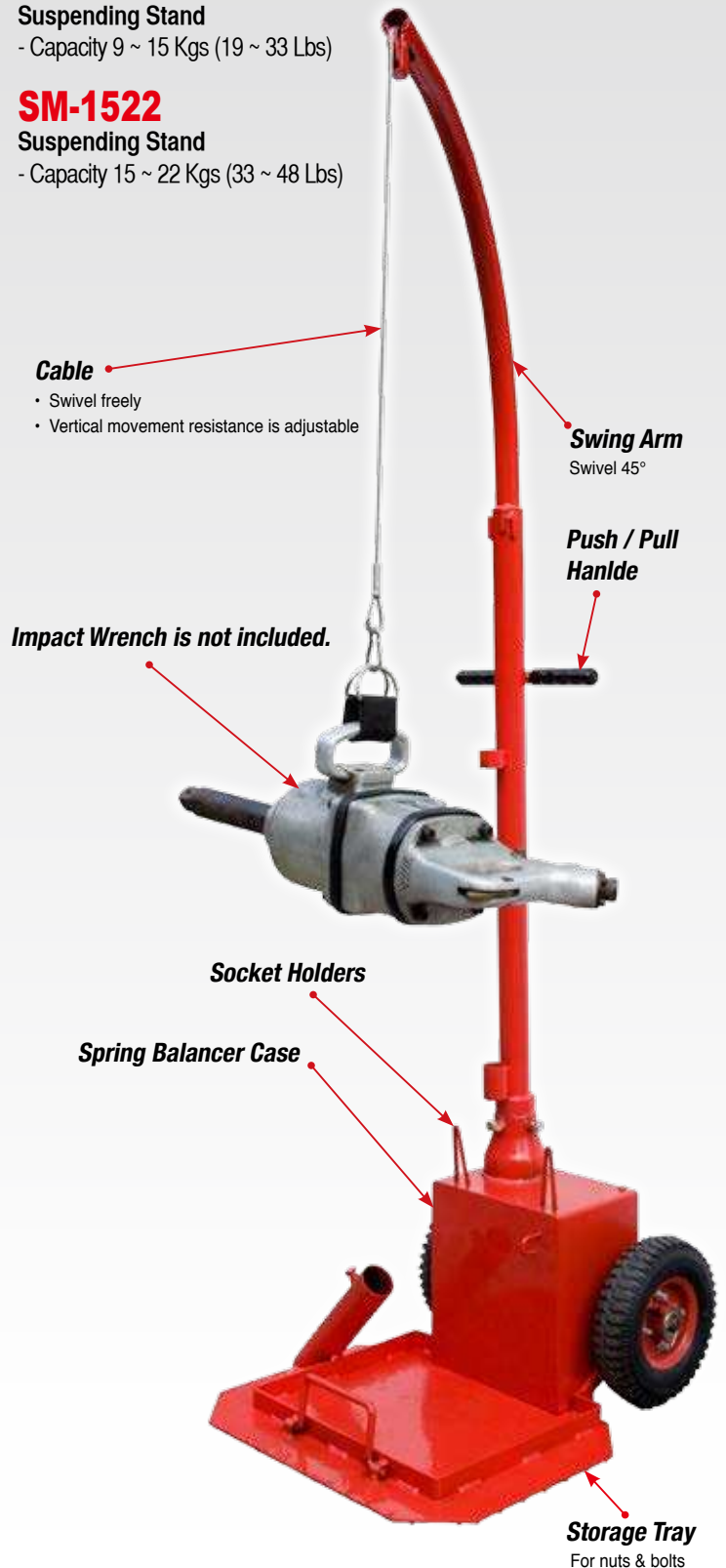
Model No.	Suspending Capacity Kg (Lbs)	Height Cm (Inch)	Gross Weight Kg (Lbs)
<b>SM-0915</b>	9~15 (19~33)	168 (66)	29 (63)
<b>SM-1522</b>	15~22 (33~48)	168 (66)	29 (63)

### SM-0915

**Suspending Stand**  
- Capacity 9 ~ 15 Kgs (19 ~ 33 Lbs)

### SM-1522

**Suspending Stand**  
- Capacity 15 ~ 22 Kgs (33 ~ 48 Lbs)





# Ratchet Wrenches & Impact Ratchet Wrenches

## Features:

- Needle Bearing
- Thick Wall Ratchet Head
- Ball Bearing
- Cushioned Grip
- Rear Exhaust

### SM-32-3124A

1/4" Mini Ratchet Wrench  
- Full-Cage Gear Design

### SM-33-3124A

3/8" Mini Ratchet Wrench  
- Full-Cage Gear Design



### SM-33-3123A

3/8" Air Ratchet Wrench

### SM-34-3123A

1/2" Air Ratchet Wrench



## Features:

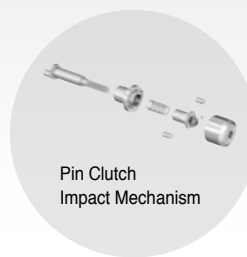
- **Pin Clutch Impact Mechanism** which Eliminates Torque Reaction, Saving Your Knuckles
- Three Times Faster than Standard Ratchets
- **Maximum Torque 90 ft.lbs (122 Nm)**

### SM-33-3117A

3/8" Impact Ratchet Wrench

### SM-34-3117A

1/2" Impact Ratchet Wrench



## Specifications:

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Maximum Torque Ft-lbs (Nm)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-32-3124A	200	1/4 (6)	30 (41)	5~30 (7~41)	1/4	3/8 (10)	4 (113)	7.7 (196)	1.1 (0.5)	80
SM-33-3124A	200	3/8 (10)	30 (41)	5~30 (7~41)	1/4	3/8 (10)	4 (113)	7.7 (196)	1.1 (0.5)	80
SM-33-3123A	150	3/8 (10)	50 (68)	10~50 (14~68)	1/4	3/8 (10)	4 (113)	10.1 (256)	2.6 (1.2)	86
SM-34-3123A	150	1/2 (13)	50 (68)	10~50 (14~68)	1/4	3/8 (10)	4 (113)	10.1 (256)	2.6 (1.2)	86
SM-33-3117A	600	3/8 (10)	90 (122)	20~70 (27~95)	1/4	3/8 (10)	4 (113)	11 (280)	2.82 (1.28)	90
SM-34-3117A	600	1/2 (13)	90 (122)	20~70 (27~95)	1/4	3/8 (10)	4 (113)	11 (280)	2.82 (1.28)	90

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Impact Ratchet Wrenches

## Features:

- **Pin Clutch Impact Mechanism** which Eliminates Torque Reaction, Saving Your Knuckles
- Three Times Faster than Standard Ratchets
- **Maximum Torque 90 ft.lbs (122 Nm)**



# Stubby Ratchet Wrenches

## Features:

- **Composite Motor Housing**
- Short & Compact Size
- **Available Wobble Anvil in 3/8" Anvil Size**
- Rear Exhaust
- **Patented Silencer 85 dB(A)**



## Specifications:

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Maximum Torque Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
<b>SM-33-3117</b>	600	3/8 (9.5)	90 (122)	1/4"	3/8 (10)	4 (113)	11 (280)	2.82 (1.28)	<b>90</b>
<b>SM-34-3117</b>	600	1/2 (12.7)	90 (122)	1/4"	3/8 (10)	4 (113)	11 (280)	2.82 (1.28)	<b>90</b>
<b>SM-32-3015</b>	350	1/4 (6)	30 (40.7)	1/4"	3/8 (10)	4 (113)	5.2 (133)	1.1 (0.5)	<b>85</b>
<b>SM-33-3015</b>	350	3/8 (10)	30 (40.7)	1/4"	3/8 (10)	4 (113)	5.2 (133)	1.1 (0.5)	<b>85</b>

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Multi-Function Ratchet Wrench

## Features:

- Composite Motor Housing
- **1/4" & 3/8" Anvil Convertable**
- Slim, Compact Head Design
- Rear Exhaust
- **Patented Silencer 85 dB(A)**

### Patent No.

TW M345679  
Patent Pending in Multi-Countries

## SM-32-3016 Multi-Function Ratchet Wrench



## SM-32-3016K Multi-Function Ratchet Wrench Kit



#32-301640-11  
1/4" & 3/8" Anvil



#32-301642-11  
3/8" Anvil &  
1/4" Bit Holder



(Optional)

#32-301641-11  
1/4" Bit Holder



#32-301643-11  
1/4" Anvil &  
1/4" Bit Holder



(Optional)

#32-301620-11



#32-301620-12



#32-301621-11



#32-301621-12



Screwdriver Bits



**SM-32-3016**  
Multi-Function Ratchet  
Wrench

## Kit includes:

- 1 pc SM-32-3016 Ratchet Wrench with open head
- 1 pc Reversible Ratchet Head 1/4" + 3/8"
- 1 pc 1/4" Screwdriver Bit holder
- 1 pc 1/4" Dr. Ergonomic Ratchet Handle (Forward/Fixed/Reverse)
- 10 pcs 1/4" Sockets Set (incl: 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm)
- 1 pc 1/4" Dr. Universal Joint
- 1 pc 1/4" Dr. Quick Release Bit Adapter
- 1 pc 100mm Quick Release Extension Bar
- 1 pc 1/4" Dr. Spinner Handle
- 21 pcs 25mm Insert Bit:
  - PH: 1, 2
  - PZ: 1, 2, 3,
  - FD: 4, 5.5, 6.5, 8mm
  - Hex: 3, 4, 5, 6, 7mm
  - TX (Tamper)-Torx Security: 10, 15, 20, 25, 27, 30, 40mm

## SM-32-3016K2 Multi-Function Ratchet Wrench Kit



## Specifications:

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Maximum Torque Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-32-3016	850	1/4 & 3/8 (6 & 10)	30 (40.7)	1/4"	3/8 (10)	4 (113)	6.1 (155)	1.1 (0.5)	85

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

## Features:

- Needle Bearing
- Thick Wall Ratchet Head
- Ball Bearing
- Cushioned Grip
- **New Air Regulator**
- 360° Swivel Air Inlet (Only for SM-32-3024, SM-33-3024, SM-33-3023 & SM-34-3023)
- Rear Exhaust
- **Low Noise 79 dB(A)**

### SM-32-3022

1/4" Baby Ratchet Wrench  
- Full-Cage Gear Design

### SM-33-3022

3/8" Baby Ratchet Wrench  
- Full-Cage Gear Design



*Quiet Series*



▲ Operation of Ratchet Wrench

### SM-32-3024

1/4" Mini Ratchet Wrench  
- Full-Cage Gear Design

### SM-33-3024

3/8" Mini Ratchet Wrench  
- Full-Cage Gear Design



### SM-33-3023

3/8" Air Ratchet Wrench

### SM-34-3023

1/2" Air Ratchet Wrench



### SM-33-3023K

3/8" Air Ratchet Wrench Kit

### SM-34-3023K

1/2" Air Ratchet Wrench Kit

## Specifications:

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Maximum Torque Ft-lbs (Nm)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-32-3022	200	1/4 (6)	30 (41)	5~30 (7~41)	1/4"	3/8 (10)	4 (113)	7 (177)	1.1 (0.5)	79
SM-33-3022	200	3/8 (10)	30 (41)	5~30 (7~41)	1/4"	3/8 (10)	4 (113)	7 (177)	1.1 (0.5)	79
SM-32-3024	200	1/4 (6)	30 (41)	5~30 (7~41)	1/4"	3/8 (10)	4 (113)	7.7 (196)	1.1 (0.5)	79
SM-33-3024	200	3/8 (10)	30 (41)	5~30 (7~41)	1/4"	3/8 (10)	4 (113)	7.7 (196)	1.1 (0.5)	79
SM-33-3023	150	3/8 (10)	50 (68)	10~50 (14~68)	1/4"	3/8 (10)	4 (113)	10.1 (256)	2.6 (1.2)	79
SM-34-3023	150	1/2 (13)	50 (68)	10~50 (14~68)	1/4"	3/8 (10)	4 (113)	10.1 (256)	2.6 (1.2)	79

\* Recommended Air Pressure at 90 PSI (6.2 Bar)



# Ratchet Wrenches



▲ Operation of Ratchet Wrench

## Features:

- Needle Bearing
- Thick Wall Ratchet Head
- Ball Bearing
- Cushioned Grip
- New Air Regulator
- Throttle Lever Pressed to Flat
- Rotating Air Inlet
- **Rotating Rear Exhaust**
- **Low Noise 79 dB(A)**

### SM-32-3012

1/4" Baby Ratchet Wrench  
- Full-Cage Gear Design

### SM-33-3012

3/8" Baby Ratchet Wrench  
- Full-Cage Gear Design



*Quiet Series*

### SM-32-3014

1/4" Mini Ratchet Wrench  
- Full-Cage Gear Design

### SM-33-3014

3/8" Mini Ratchet Wrench  
- Full-Cage Gear Design



### SM-33-3013

3/8" Air Ratchet Wrench

### SM-34-3013

1/2" Air Ratchet Wrench



Rotating Air Inlet and Exhaust

▲ Rotating Rear Exhaust is not Available for U.S.A.

## Patent No.

US D525,501 S  
DE 20 2007 002 509 U1  
TW D112522 / D112524 / M316779  
Patent Pending in Multi-Countries

## Specifications:

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Maximum Torque Ft-lbs (Nm)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-32-3012	200	1/4 (6)	30 (41)	5~30 (7~41)	1/4"	3/8 (10)	4 (113)	7 (177)	1.3 (0.6)	79
SM-33-3012	200	3/8 (10)	30 (41)	5~30 (7~41)	1/4"	3/8 (10)	4 (113)	7 (177)	1.3 (0.6)	79
SM-32-3014	200	1/4 (6)	30 (41)	5~30 (7~41)	1/4"	3/8 (10)	4 (113)	7.7 (196)	1.3 (0.6)	79
SM-33-3014	200	3/8 (10)	30 (41)	5~30 (7~41)	1/4"	3/8 (10)	4 (113)	7.7 (196)	1.3 (0.6)	79
SM-33-3013	150	3/8 (10)	50 (68)	10~50 (14~68)	1/4"	3/8 (10)	4 (113)	10.1 (256)	2.6 (1.2)	79
SM-34-3013	150	1/2 (13)	50 (68)	10~50 (14~68)	1/4"	3/8 (10)	4 (113)	10.1 (256)	2.6 (1.2)	79

\* Recommended Air Pressure at 90 PSI (6.2 Bar)



**SUNMATCH**  
Professional Pneumatic Tools

# Utility **Surface Blaster**

*One Tool with Multi-Functions:*

**Wire Brush**

( With wire brushes )

**Rubber Eraser**

( Patented )

**Stripping Tool**

( Single or double black wheels )

**Patent No.**

US 7,155,028 B1 / US 1,147,550 B2 / US D549,285 S / US D521,334 S / US D516,260 S

US 6,912,755 B2 / US 7,578,730 B2

DE 20 2005 007 270.2 / DE 20 2005 007 271.0 / DE 20 2005 002 317.5 / DE 20 2006 013 546.4

DE 20 2007 014 143 U1 / DE 203 14 978 U1 / DE 10 2007 048 480 B3

EU 000299052-0001

TW D113421 / D108995/ D109389/ M240301/ M270876 / M270877 / M257263 / M272622

M274199 / M275067 / M275057 / M280265 / M281768 / M305733 / M330154

Patent Pending in Multi-Countries



# Utility Surface Blaster

## Features:

- Different Type Wheels  
(For the Preparation of Metal Surfaces Prior to Remedial Work)
- Safety Guard (Protect User from Debris / Sparks)
- **Adaptor (Patented)**
- **Rubber Eraser (Patented)**
- Safety Throttle Lever
- Rear Exhaust
- **Low Noise 83 dB(A)**



**Wire Brush**  
(With wire brushes)



**Rubber Eraser**  
(Two different type of rubber wheels)



**Black Stripping**  
(Single or double black wheels)

## SM-6903 Utility Surface Blaster (Tool Only)



*Multi-Functions*

## SM-6902 Utility Surface Blaster (Tool Only)



## Patent No.

US 7,155,028 B1 / US 1,147,550 B2 / US D549,285 S / US D521,334 S / US D516,260 S / US 6,912,755 B2 / US 7,578,730 B2  
 DE 20 2005 007 270.2 / DE 20 2005 007 271.0 / DE 20 2005 002 317.5 / DE 20 2006 013 546.4  
 DE 20 2007 014 143 U1 / DE 203 14 978 U 1 / DE 10 2007 048 480 B3  
 EU 000299052-0001  
 TW D113421 / D108995/ D109389/ M240301/ M270876 / M270877 / M257263 / M272622  
 M274199 / M275067 / M275057 / M280265 / M281768 / M305733 / M330154  
 Patent Pending in Multi-Countries

## Specifications:

Model No.	Free Speed (RPM)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-6902	3,500	1/4"	3/8 (10)	3.9 (110)	10.7 (272)	2.6 (1.2)	83
SM-6903	3,500	1/4"	3/8 (10)	3.9 (110)	10.7 (272)	2.6 (1.2)	83

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Utility Surface Blaster Assembly

## SM-6902K & SM-6903K

Utility Surface Blaster Kit

### Includes:

- 1 pc Utility Surface Blaster
- 1 pc Blow Case

### Accessories (Optional):

- #0511 11mm Wire Brush (Fine)
- #0523 23mm Wire Brush (Fine)
- #0711 11mm Wire Brush (Coarse)
- #0723 23mm Wire Brush (Coarse)
- SA-6902RW Rubber Eraser
- or SA-6903RW Rubber Eraser
- SA-6902RWW Water Based Paint Rubber Eraser
- or SA-6903RWW Water Based Paint Rubber Eraser
- SA-6902RH Adaptor for Rubber Eraser & 23mm Wire Brush
- or SA-6903RH Adaptor for Rubber Eraser & 23mm Wire Brush
- SA-6902WH Adaptor for 11mm Wire Brush
- or SA-6903WH Adaptor for 11mm Wire Brush
- SA-6902BW Black Strip Wheels (up to 6 pcs)
- SA-6902BHS Adaptor for Single Black Strip Wheel
- SA-6902BHD Adaptor for Double Black Strip Wheels



#0511  
11mm Wire Brush (Fine)



#0711  
11mm Wire Brush (Coarse)



#0523  
23mm Wire Brush (Fine)



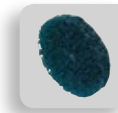
#0723  
23mm Wire Brush (Coarse)



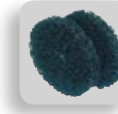
SA-6902BHS  
Adaptor for Single Black Strip Wheel



SA-6902BHD  
Adaptor for Double Black Strip Wheels



SA-6902BW  
Black Strip Wheel



SA-6902BW  
Double Black Strip Wheels



SA-6902WH Patented  
SA-6903WH  
Adaptor for 11mm Wire Brush



SA-6902RH Patented  
SA-6903RH  
Adaptor for Rubber Eraser or 23mm Brush



SA-6902RW Patented  
SA-6903RW  
Rubber Eraser



SA-6902RWW Patented  
SA-6903RWW  
Water Based Paint Rubber Eraser



SM-6902K  
Utility Surface Blaster Kit



SM-6903K  
Utility Surface Blaster Kit

# Black Stripping Tool

### Features:

- Easily Attached onto Tool with Patented Adaptor
- **Quickly Change to 1 pc or 2 pcs Black Wheels for Stripping Job**
- Excellent for Cleaning Welds, Coating, Adhesive and Rust



Stripping Tool  
(Single black wheel)



Stripping Tool  
(Double black wheels)

# Utility Surface Blaster

## ▼ Optional Accessories



**#0511**  
11mm Wire Brush  
(Fine)



**#0711**  
11mm Wire Brush  
(Coarse)



**#0523**  
23mm Wire Brush  
(Fine)



**#0723**  
23mm Wire Brush  
(Coarse)



**SA-6902WH**  
**SA-6903WH**  
Adaptor for 11mm Wire  
Brush



**SA-6902RH**  
**SA-6903RH**  
Adaptor for Rubber  
Eraser or 23mm Brush



**SA-6902RW**  
**SA-6903RW**  
Rubber Eraser

*Everything in a carton box*



▲ The White Box for SM-6902K-7

## SM-6902K-7

Utility Surface Blaster Kit - Seven Pieces onto One

### Includes:

### Accessories (Optional):

- SM-6902 Utility Surface Blaster (3,500 RPM)
- #0511 11mm Wire Brush (Fine)
- #0523 23mm Wire Brush (Fine)
- #0711 11mm Wire Brush (Coarse)
- #0723 23mm Wire Brush (Coarse)
- SA-6902RW Rubber Eraser
- or SA-6903RW Rubber Eraser
- SA-6902RH Adaptor for Rubber Eraser & 23mm Wire Brush
- or SA-6903RH Adaptor for Rubber Eraser & 23mm Wire Brush
- SA-6902WH Adaptor for 11mm Wire Brush
- or SA-6903WH Adaptor for 11mm Wire Brush

## SM-6902

Utility Surface Blaster (Tool Only)



## Specifications:

Model No.	Free Speed (RPM)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-6902	3,500	1/4"	3/8 (10)	3.9 (110)	11 (280)	2.6 (1.2)	83

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Utility Surface Blaster

## SM-6903KF

Utility Surface Blaster Kit

### Includes:

### Accessories (Optional):

- 1 pc SM-6903 Utility Surface Blaster (3,500 RPM)
- 1 pc #0511 11mm Wire Brush (Fine)
- 1 pc #0523 23mm Wire Brush (Fine)
- 1 pc #0711 11mm Wire Brush (Coarse)
- 1 pc #0723 23mm Wire Brush (Coarse)
- 1 pc SA-6903RW Rubber Eraser
- 1 pc SA-6903RWW Water Based Paint Rubber Eraser
- 1 pc SA-6903RH Adaptor for Rubber Eraser & 23mm Wire Brush
- 1 pc SA-6903WH Adaptor for 11mm Wire Brush



**Wire Brush**  
(With wire brushes)



**Rubber Eraser**  
(Two different type of rubber erasers)



**SM-6903**  
Utility Surface Blaster (Tool Only)

## SM-6903KF

Utility Surface Blaster Kit



## Multi-Functions

### ▼ Optional Accessories



**#0511**  
11mm Wire Brush (Fine)



**SA-6903WH** *Patented*  
Adaptor for 11mm Wire Brush



**#0711**  
11mm Wire Brush (Coarse)



**SA-6903RH** *Patented*  
Adaptor for Rubber Eraser or 23mm Brush



**#0523**  
23mm Wire Brush (Fine)



**SA-6903RW** *Patented*  
Rubber Eraser



**#0723**  
23mm Wire Brush (Coarse)



**SA-6903RWW** *Patented*  
Water Based Paint Rubber Eraser

### Specifications:

Model No.	Free Speed (RPM)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-6903	3,500	1/4"	3/8 (10)	3.9 (110)	11 (280)	2.6 (1.2)	83

\* Recommended Air Pressure at 90 PSI (6.2 Bar)



# Die Grinders & Cut-Off Tool

## Features:

- Built-in Composite Grip
- Safety Throttle Lever
- Rear Exhaust with Silencer
- **0.3 HP Motor**



### SM-53-5300

1/4" Mini Die Grinder  
- 0.3 HP



### SM-52-5300

1/4" 90° Angle Die Grinder  
- 0.3 HP



### SM-55-5300

1/4" 115° Angle Die Grinder  
- 0.3 HP



### SM-5E-5300

1/4" Extended Die Grinder  
- 0.3 HP



## Specifications:

Model No.	Free Speed (RPM)	Collet Size Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Power HP (Kw)	Noise Level dB(A)
SM-53-5300	25,000	1/4 (6) or 1/8 (3)	1/4"	3/8 (10)	4 (113)	6.3 (161)	0.9 (0.4)	0.3 (0.2)	84
SM-52-5300	20,000	1/4 (6) or 1/8 (3)	1/4"	3/8 (10)	4 (113)	6.5 (165)	1.1 (0.5)	0.3 (0.2)	84
SM-55-5300	20,000	1/4 (6) or 1/8 (3)	1/4"	3/8 (10)	4 (113)	7.8 (198)	1.1 (0.5)	0.3 (0.2)	84
SM-5E-5300	25,000	1/4 (6) or 1/8 (3)	1/4"	3/8 (10)	4 (113)	10.1 (256)	1.5 (0.7)	0.3 (0.2)	84

\* Recommended Air Pressure at 90 PSI (6.2 Bar)



# Family Looking Tools

## Features:

- Built-in Composite Grip
- Safety Throttle Lever
- Rear Exhaust with Silencer
- **0.5 HP Motor**

### SM-51-5100

1/4" Die Grinder - Full Size  
- 0.5 HP



### SM-54-5100

1/4" Die Grinder  
- 0.5 HP



▲ Full-Cage Gear Design

### SM-5F-5100

1/4" Extended Die Grinder  
- 0.5 HP



### SM-6K-5100

Pinstripe Removal Tool  
- 0.5 HP



▲ Pad Size 3-1/2"

### SM-29-5100

Straight Air Shear  
- 0.5 HP



▲ Cutting Capacity Steel 1.2mm

### SM-6F-5100

Low Speed Tire Buffer  
- 0.5 HP



### SM-5J-5100

3" Cut-Off Tool  
- 0.5 HP



### SM-76-5100

3/8" Straight Air Drill  
- 0.5 HP



### SM-7A-5100

SM-7B-5100  
3/8" Straight Air Drill  
- 0.5 HP



▲ Full-Cage Gear Design

### SM-7L-5100

3/8" High Speed Straight Air Drill  
- 0.5 HP



## Specifications:

Model No.	Free Speed (RPM)	Collet (or Chuck) Size Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Power HP (Kw)	Noise Level dB(A)
SM-51-5100	20,000	1/4 (6)	1/4"	3/8 (10)	4 (113)	7.5 (190)	1.5 (0.7)	0.5 (0.4)	84
SM-54-5100	4,000	1/4 (6)	1/4"	3/8 (10)	4 (113)	8.8 (223)	2.0 (0.9)	0.5 (0.4)	84
SM-5F-5100	20,000	1/4 (6)	1/4"	3/8 (10)	4 (113)	13.7 (348)	3.0 (1.4)	0.5 (0.4)	84
SM-6K-5100	4,000	-	1/4"	3/8 (10)	4 (113)	8.3 (210)	2.0 (0.9)	0.5 (0.4)	84
SM-6F-5100	2,500	-	1/4"	3/8 (10)	4 (113)	10 (255)	2.6 (1.2)	0.5 (0.4)	84
SM-29-5100	2,500	-	1/4"	3/8 (10)	4 (113)	10.6 (268)	2.6 (1.2)	0.5 (0.4)	84
SM-5J-5100	20,000	-	1/4"	3/8 (10)	4 (113)	8.1 (205)	1.8 (0.8)	0.5 (0.4)	84
SM-76-5100	2,500	3/8 (10)	1/4"	3/8 (10)	4 (113)	9.1 (231)	2.4 (1.1)	0.5 (0.4)	84
SM-7A-5100	2,500	3/8 (10)	1/4"	3/8 (10)	4 (113)	8.9 (225)	2.2 (1.0)	0.5 (0.4)	84
SM-7B-5100	4,000	3/8 (10)	1/4"	3/8 (10)	4 (113)	8.9 (225)	2.2 (1.0)	0.5 (0.4)	84
SM-7L-5100	20,000	3/8 (10)	1/4"	3/8 (10)	4 (113)	8.6 (218)	1.8 (0.8)	0.5 (0.4)	84

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

## SM-50-240N

Die Grinder (24,000 RPM)  
- Side Exhaust



- Built-in Comfort Grip

## SM-50-241N

Die Grinder (24,000 RPM)  
- Front Exhaust

## SM-50-240S

Die Grinder (24,000 RPM)  
- Side Exhaust



- Safety Throttle Lever
- Built-in Comfort Grip

## SM-50-241S

Die Grinder (24,000 RPM)  
- Front Exhaust

## SM-50-250N

Die Grinder (24,000 RPM)  
- Side Exhaust



- Built-in Comfort Grip

## SM-50-250R

Die Grinder (24,000 RPM)  
- Side Exhaust



- Ring Throttle
- Built-in Comfort Grip

## SM-50-250S

Die Grinder (24,000 RPM)  
- Side Exhaust



- Safety Throttle Lever
- Built-in Comfort Grip

## SM-50-290N

Die Grinder (24,000 RPM)  
- Side Exhaust

## SM-50-291N

Die Grinder (24,000 RPM)  
- Front Exhaust



## SM-50-280R

Die Grinder (24,000 RPM)  
- Side Exhaust

## SM-50-281R

Die Grinder (24,000 RPM)  
- Front Exhaust



- Ring Throttle

## SM-50-290S

Die Grinder (24,000 RPM)  
- Side Exhaust

## SM-50-291S

Die Grinder (24,000 RPM)  
- Front Exhaust



- Safety Throttle Lever

## SM-5E-260N

Extended Die Grinder (24,000 RPM)  
- Side Exhaust

## SM-5E-261N

Extended Die Grinder (24,000 RPM)  
- Front Exhaust



- Steel Housing

## SM-5E-260R

Extended Die Grinder (24,000 RPM)  
- Side Exhaust

## SM-5E-261R

Extended Die Grinder (24,000 RPM)  
- Front Exhaust



- Ring Throttle
- Steel Housing

## SM-5E-260S

Extended Die Grinder (24,000 RPM)  
- Side Exhaust

## SM-5E-261S

Extended Die Grinder (24,000 RPM)  
- Front Exhaust



- Safety Throttle Lever
- Steel Housing

## Specifications:

Model No.	Throttle Type	Free Speed (RPM)	Air Inlet	Hose Size ID Inch (mm)	Power HP (Watt)	Max. Diameter of Mounted Point Inch (mm)	Max. Diameter of Carbide Burrs Inch (mm)	Collet Size Inch (mm)	Max. Air Cons. (m <sup>3</sup> /Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-50-240N	Lever	24,000	1/4"	3/8 (10)	0.35 (257)	1 (25)	1/2 (13)	1/4 (6)	0.4	6.8 (173)	1.16 (0.53)	83
SM-50-241N	Lever	24,000	1/4"	3/8 (10)	0.35 (257)	1 (25)	1/2 (13)	1/4 (6)	0.4	6.8 (173)	1.16 (0.53)	83
SM-50-240S	Lever	24,000	1/4"	3/8 (10)	0.35 (257)	1 (25)	1/2 (13)	1/4 (6)	0.4	6.8 (173)	1.21 (0.55)	83
SM-50-241S	Lever	24,000	1/4"	3/8 (10)	0.35 (257)	1 (25)	1/2 (13)	1/4 (6)	0.4	6.8 (172)	1.21 (0.55)	83
SM-50-250N	Lever	24,000	1/4"	3/8 (10)	0.35 (257)	1 (25)	1/2 (13)	1/4 (6)	0.4	7.6 (194)	1.65 (0.72)	83
SM-50-250S	Lever	24,000	1/4"	3/8 (10)	0.35 (257)	1 (25)	1/2 (13)	1/4 (6)	0.4	7.6 (194)	1.65 (0.75)	83
SM-50-250R	Ring	24,000	1/4"	3/8 (10)	0.35 (257)	1 (25)	1/2 (13)	1/4 (6)	0.4	8 (203)	1.67 (0.76)	83
SM-50-280R	Ring	24,000	1/4"	3/8 (10))	0.35 (257)	1 (25)	1/2 (13)	1/4 (6)	0.4	6.7 (169)	1.23 (0.56)	83
SM-50-281R	Ring	24,000	1/4"	3/8 (10)	0.35 (257)	1 (25)	1/2 (13)	1/4 (6)	0.4	6.7 (169)	1.23 (0.56)	83
SM-50-290N	Lever	24,000	1/4"	3/8 (10)	0.35 (257)	1 (25)	1/2 (13)	1/4 (6)	0.4	6.8 (173)	1.32 (0.6)	83
SM-50-291N	Lever	24,000	1/4"	3/8 (10)	0.35 (257)	1 (25)	1/2 (13)	1/4 (6)	0.4	6.8 (173)	1.32 (0.6)	83
SM-50-290S	Lever	24,000	1/4"	3/8 (10)	0.35 (257)	1 (25)	1/2 (13)	1/4 (6)	0.4	6.8 (173)	1.36 (0.62)	83
SM-50-291S	Lever	24,000	1/4"	3/8 (10)	0.35 (257)	1 (25)	1/2 (13)	1/4 (6)	0.4	6.8 (173)	1.36 (0.62)	83
SM-5E-260N	Lever	24,000	1/4"	3/8 (10)	0.35 (257)	1 (25)	1/2 (13)	1/4 (6)	0.4	11.8 (300)	2.2 (0.98)	83
SM-5E-261N	Lever	24,000	1/4"	3/8 (10)	0.35 (257)	1 (25)	1/2 (13)	1/4 (6)	0.4	11.8 (300)	2.2 (0.98)	83
SM-5E-260S	Lever	24,000	1/4"	3/8 (10)	0.35 (257)	1 (25)	1/2 (13)	1/4 (6)	0.4	11.8 (300)	2.2 (1)	83
SM-5E-261S	Lever	24,000	1/4"	3/8 (10))	0.35 (257)	1 (25)	1/2 (13)	1/4 (6)	0.4	11.8 (300)	2.2 (1)	83
SM-5E-260R	Ring	24,000	1/4"	3/8 (10))	0.35 (257)	1 (25)	1/2 (13)	1/4 (6)	0.4	11.7 (297)	1.98 (0.9)	83
SM-5E-261R	Ring	24,000	1/4"	3/8 (10)	0.35 (257)	1 (25)	1/2 (13)	1/4 (6)	0.4	11.7 (297)	1.98 (0.9)	83

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

## Industrial Die Grinders



### SM-5001

Heavy Duty Straight Die Grinder



#### Features:

- 12,000 RPM
- 0.5 HP
- Safety Lever
- Rear Exhaust

### SM-53-5530

Industrial Die Grinder



#### Features:

- 32,000 RPM
- 0.5 HP
- Safety Lever
- Steel Motor Housing

### SM-53-5522

Industrial Die Grinder



#### Features:

- 35,000 RPM
- 0.4 HP
- Rear Exhaust
- Low Vibration
- **Low Noise 75 dB(A)**

## Specifications:

Model No.	Free Speed (RPM)	Collet Size Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Hose Length Inch (mm)	Length Inch (mm)	Weight Lbs (Kg)	Power HP (Kw)
SM-5001	12,000	1/4 (6)	1/4"	3/8 (10)	4 (113)	-	12.5 (318)	2.9 (1.3)	0.5 (0.37)
SM-53-5530	32,000	1/4 (6)	1/4"	3/8 (10)	4 (113)	-	7.1 (180)	1.6 (0.73)	0.5 (0.37)
SM-53-5522	35,000	1/4 (6)	1/4"	3/8 (10)	4 (113)	29.5 (750)	7.9 (200)	1.3 (0.57)	0.4 (0.3)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

## Features:

- Built-in Comfort Grip
- Safety Throttle Lever
- **New Rotating Rear Regulator**
- Rear Exhaust with Silencer
- Rotating Air Inlet
- Low Noise **79 dB(A)**

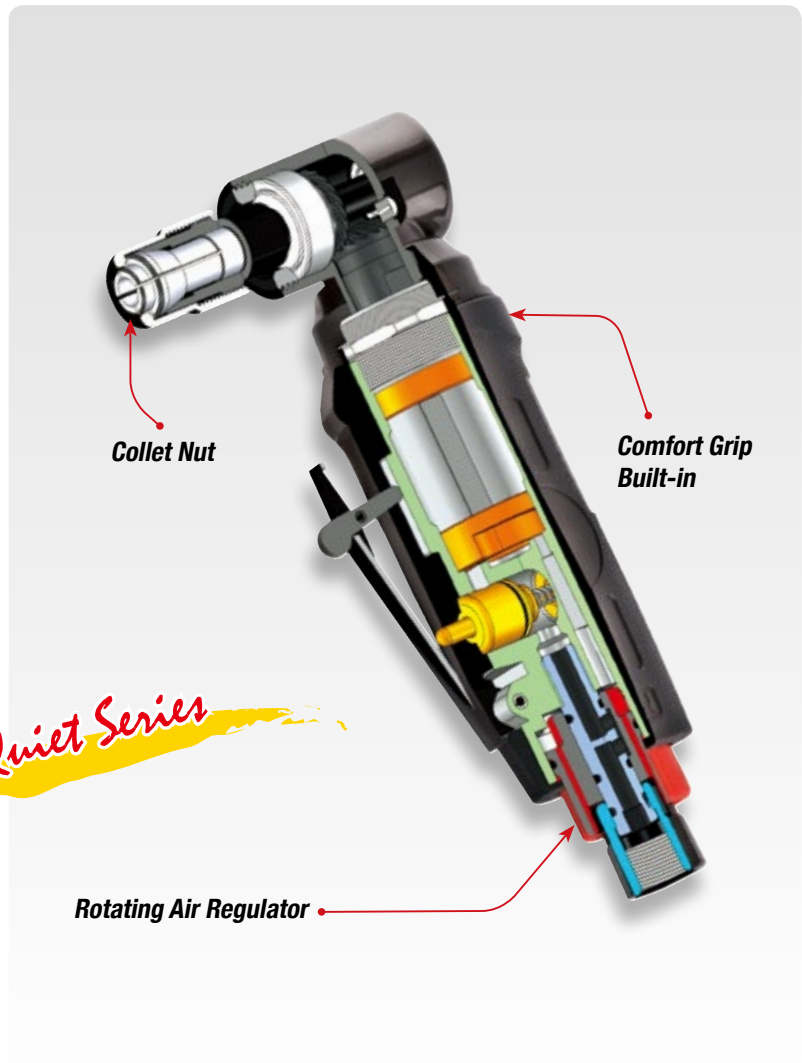


▲ Operation of Mini Die Grinder



**EH-522SUB**

Exhaust Hose Assembly (Optional)



## Patent No.

US 525 500S / US 7073774B2

EU 000 345723

TW D1190499 / M263196

# Mini Die Grinders



**SM-53-52251**  
1/4" Mini Die Grinder



**SM-53-52252**  
1/4" Mini Die Grinder



**SM-52-52251**  
1/4" 90° Angle Die Grinder



**SM-52-52252**  
1/4" 90° Angle Die Grinder



**SM-55-52251**  
1/4" 115° Angle Die Grinder



**SM-55-52252**  
1/4" 115° Angle Die Grinder



**SM-5E-52251**  
1/4" Extended Die Grinder



**SM-5E-52252**  
1/4" Extended Die Grinder

## Specifications:

Model No.	Free Speed (RPM)	Collet Size Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-53-52251	25,000	1/4 (6) or 1/8 (3)	1/4"	3/8 (10)	4 (113)	6.4 (163)	0.9 (0.4)	79
SM-53-52252	25,000	1/4 (6) or 1/8 (3)	1/4"	3/8 (10)	4 (113)	6.4 (163)	0.9 (0.4)	79
SM-52-52251	20,000	1/4 (6) or 1/8 (3)	1/4"	3/8 (10)	4 (113)	6.5 (166)	1.1 (0.5)	79
SM-52-52252	20,000	1/4 (6) or 1/8 (3)	1/4"	3/8 (10)	4 (113)	6.5 (166)	1.1 (0.5)	79
SM-55-52251	20,000	1/4 (6) or 1/8 (3)	1/4"	3/8 (10)	4 (113)	7.9 (200)	1.1 (0.5)	79
SM-55-52252	20,000	1/4 (6) or 1/8 (3)	1/4"	3/8 (10)	4 (113)	7.9 (200)	1.1 (0.5)	79
SM-5E-52251	25,000	1/4 (6) or 1/8 (3)	1/4"	3/8 (10)	4 (113)	10.2 (258)	1.5 (0.7)	79
SM-5E-52252	25,000	1/4 (6) or 1/8 (3)	1/4"	3/8 (10)	4 (113)	10.2 (258)	1.5 (0.7)	79

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Mini Die Grinder Kits

## Features:

- Built-in Comfort Grip
- Safety Throttle Lever
- Air Regulator on Top
- Rear Exhaust with Silencer
- Rotating Air Inlet
- Low Noise **77 dB(A)**



▲ Operation of Mini Die Grinder



**EH-522SUB**

Exhaust Hose Assembly (Optional)

*Quiet Series*

### SM-52-5227K

1/4" 90° Angle Die Grinder Kit

#### Kit Includes:

- 1 pc SM-52-5227 Angle Die Grinder
- 1 pc 1/8" (3mm) Collet
- 5 pcs 1/4" (6mm) Mounted Points
- 5 pcs 1/8" (3mm) Mounted Points



### SM-53-5227K

1/4" Mini Die Grinder Kit

#### Kit Includes:

- 1 pc SM-53-5227 Die Grinder
- 1 pc 1/8" (3mm) Collet
- 5 pcs 1/4" (6mm) Mounted Points
- 5 pcs 1/8" (3mm) Mounted Points



#### Kit Includes:

- 1 pc SM-52-5227 Angle Die Grinder
- 1 pc 1/4" Collet (Installed)
- 1 pc 6mm Collet
- 2 pcs 52227-11SUB Spanner Wrench
- 1 pc 2" Backing Pad (1/4"-20 Thread)
- 2 pcs 2" Coarse Surface Prep Pads
- 2 pcs 2" Med Surface Prep Pads
- 2 pcs 2" Fine Surface Prep Pads
- 2 pcs 2" #24 Grit Sanding Discs
- 2 pcs 2" #36 Grit Sanding Discs
- 2 pcs 2" #50 Grit Sanding Discs
- 1 pc blow Molded Case

### SM-52-5227K2

1/4" 90° Angle Die Grinder Kit



#### Patent No.

US 525 500S / US 7073774B2

EU 000 345723

TW D1190499 / M263196 / M316780

# Mini Die Grinders

**SM-53-5227**  
1/4" Mini Die Grinder



**SM-53-5229**  
1/4" Mini Die Grinder



**SM-52-5227**  
1/4" 90° Angle Die Grinder



**SM-52-5229**  
1/4" 90° Angle Die Grinder



**SM-55-5227**  
1/4" 115° Angle Die Grinder



**SM-55-5229**  
1/4" 115° Angle Die Grinder



**SM-5E-5227**  
1/4" Extended Die Grinder



**SM-5E-5229**  
1/4" Extended Die Grinder



## Specifications:

Model No.	Free Speed (RPM)	Collet Size Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-53-5227	25,000	1/4 (6) or 1/8 (3)	1/4"	3/8 (10)	4 (113)	6.3 (159)	0.9 (0.4)	77
SM-53-5229	25,000	1/4 (6) or 1/8 (3)	1/4"	3/8 (10)	4 (113)	6.3 (159)	0.9 (0.4)	77
SM-52-5227	20,000	1/4 (6) or 1/8 (3)	1/4"	3/8 (10)	4 (113)	6.5 (165)	1.1 (0.5)	77
SM-52-5229	20,000	1/4 (6) or 1/8 (3)	1/4"	3/8 (10)	4 (113)	6.5 (165)	1.1 (0.5)	77
SM-55-5227	20,000	1/4 (6) or 1/8 (3)	1/4"	3/8 (10)	4 (113)	7.8 (197)	1.1 (0.5)	77
SM-55-5229	20,000	1/4 (6) or 1/8 (3)	1/4"	3/8 (10)	4 (113)	7.8 (197)	1.1 (0.5)	77
SM-5E-5227	25,000	1/4 (6) or 1/8 (3)	1/4"	3/8 (10)	4 (113)	10.1 (256)	1.5 (0.7)	77
SM-5E-5229	25,000	1/4 (6) or 1/8 (3)	1/4"	3/8 (10)	4 (113)	10.1 (256)	1.5 (0.7)	77

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Family Looking Tools

## Features:

- Built-in Comfort Grip
- Air Regulator on Top
- Safety Throttle Lever
- Rear Exhaust with Silencer
- Rotating Air Inlet
- **Low Noise 79 dB(A)**

### Patent No.

US 525 500S / DE20 2006 016 578U1  
EU 000 345723  
TW D1190499 / M302447 / M308838 / M316780

## SM-51-3011B

1/4" Die Grinder - Full Size



**SM-51-3011BK**  
1/4" Die Grinder Kit

## SM-54-3011B

1/4" Die Grinder



▲ Full-Cage Gear Design

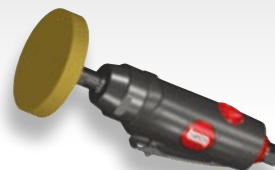
## SM-5F-3011B

1/4" Extended Die Grinder



## SM-6K-3011B

Pinstripe Removal Tool



▲ Pad Size 3-1/2"

## SM-29-3011B

Straight Air Shear



▲ Cutting Capacity Steel 1.2mm

## SM-6F-3011B

Low Speed Tire Buffer



## SM-5J-3011B

3" Cut-Off Tool



## SM-76-3011B

3/8" Straight Air Drill



## SM-7A-3011B

SM-7B-3011B

3/8" Straight Air Drill



▲ Full-Cage Gear Design

## SM-7L-3011B

3/8" High Speed Straight Air Drill



## Specifications:

Model No.	Free Speed (RPM)	Collet (or Chuck) Size Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-51-3011B	20,000	1/4 (6)	1/4"	3/8 (10)	4 (113)	7.4 (188)	1.5 (0.7)	79
SM-54-3011B	4,000	1/4 (6)	1/4"	3/8 (10)	4 (113)	8.6 (218)	2.0 (0.9)	79
SM-5F-3011B	20,000	1/4 (6)	1/4"	3/8 (10)	4 (113)	13.7 (348)	2.9 (1.3)	79
SM-6K-3011B	4,000	-	1/4"	3/8 (10)	4 (113)	8.2 (209)	1.8 (0.8)	79
SM-6F-3011B	2,500	-	1/4"	3/8 (10)	4 (113)	10.0 (254)	2.4 (1.1)	79
SM-29-3011B	2,500	-	1/4"	3/8 (10)	4 (113)	10.4 (264)	2.4 (1.1)	79
SM-5J-3011B	20,000	-	1/4"	3/8 (10)	4 (113)	8 (203)	1.8 (0.8)	79
SM-76-3011B	2,500	3/8 (10)	1/4"	3/8 (10)	4 (113)	8.7 (222)	2.2 (1.0)	79
SM-7A-3011B	2,500	3/8 (10)	1/4"	3/8 (10)	4 (113)	9.3 (236)	2.2 (1.0)	79
SM-7B-3011B	4,000	3/8 (10)	1/4"	3/8 (10)	4 (113)	9.3 (236)	2.2 (1.0)	79
SM-7L-3011B	20,000	3/8 (10)	1/4"	3/8 (10)	4 (113)	9.3 (236)	1.5 (0.7)	79

\* Recommended Air Pressure at 90 PSI (6.2 Bar)



## Features:

- Built-in Comfort Grip
- Air Regulator on Top
- Safety Throttle Lever
- Rear Exhaust with Silencer
- Rotating Air Inlet
- **Low Noise 79 dB(A)**

### SM-51-3011X

1/4" Die Grinder - Full Size

#### Patent No.

US 525 498S / US 525 499S / DE20 2006 016 578U1  
EU 000 345707 / EU 000 345715  
TW D115820 / M302447 / M308838 / M316780



### SM-54-3011X

1/4" Die Grinder



▲ Full-Cage Gear Design

### SM-5F-3011X

1/4" Extended Die Grinder



### SM-6K-3011X

Pinstripe Removal Tool



▲ Pad Size 3-1/2"

### SM-29-3011X

Straight Air Shear



▲ Cutting Capacity Steel 1.2mm

### SM-6F-3011X

Low Speed Tire Buffer



### SM-5J-3011X

3" Cut-Off Tool



### SM-76-3011X

3/8" Straight Air Drill



### SM-7A-3011X

### SM-7B-3011X

3/8" Straight Air Drill



▲ Full-Cage Gear Design

### SM-7L-3011X

3/8" High Speed Straight Air Drill



## Specifications:

Model No.	Free Speed (RPM)	Collet (or Chuck) Size Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-51-3011X	20,000	1/4 (6)	1/4"	3/8 (10)	4 (113)	7.4 (188)	1.5 (0.7)	79
SM-54-3011X	4,000	1/4 (6)	1/4"	3/8 (10)	4 (113)	8.6 (218)	2.0 (0.9)	79
SM-5F-3011X	20,000	1/4 (6)	1/4"	3/8 (10)	4 (113)	13.7 (348)	2.9 (1.3)	79
SM-6K-3011X	4,000	-	1/4"	3/8 (10)	4 (113)	8.2 (209)	1.8 (0.8)	79
SM-6F-3011X	2,500	-	1/4"	3/8 (10)	4 (113)	10 (254)	2.4 (1.1)	79
SM-29-3011X	2,500	-	1/4"	3/8 (10)	4 (113)	10.4 (264)	2.4 (1.1)	79
SM-5J-3011X	20,000	-	1/4"	3/8 (10)	4 (113)	8 (203)	1.8 (0.8)	79
SM-76-3011X	2,500	3/8 (10)	1/4"	3/8 (10)	4 (113)	8.7 (222)	2.2 (1.0)	79
SM-7A-3011X	2,500	3/8 (10)	1/4"	3/8 (10)	4 (113)	9.3 (236)	2.2 (1.0)	79
SM-7B-3011X	4,000	3/8 (10)	1/4"	3/8 (10)	4 (113)	9.3 (236)	2.2 (1.0)	79
SM-7L-3011X	20,000	3/8 (10)	1/4"	3/8 (10)	4 (113)	9.3 (236)	1.5 (0.7)	79

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

## Features:

- Built-in Comfort Grip
- Safety Throttle Lever
- Rotating Rear Regulator
- Rotating Air Inlet
- **Low Noise 79 dB(A)**

### SM-51-3011Y

1/4" Die Grinder - Full Size



#### Patent No.

US 525 500S / US 7073774B2 / EU 000 345723  
TW D1190499 / M263196

### SM-54-3011Y

1/4" Die Grinder



▲ Full-Cage Gear Design

### SM-5F-3011Y

1/4" Extended Die Grinder



### SM-6K-3011Y

Pinstripe Removal Tool



▲ Pad Size 3-1/2"

### SM-29-3011Y

Straight Air Shear



▲ Cutting Capacity Steel 1.2mm

### SM-6F-3011Y

Low Speed Tire Buffer



### SM-5J-3011Y

3" Cut-Off Tool



### SM-76-3011Y

3/8" Straight Air Drill



### SM-7A-3011Y

### SM-7B-3011Y

3/8" Straight Air Drill



▲ Full-Cage Gear Design

### SM-7L-3011Y

3/8" High Speed Straight Air Drill



## Specifications:

Model No.	Free Speed (RPM)	Collet (or Chuck) Size Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-51-3011Y	20,000	1/4 (6)	1/4"	3/8 (10)	4 (113)	7.4 (188)	1.5 (0.7)	79
SM-54-3011Y	4,000	1/4 (6)	1/4"	3/8 (10)	4 (113)	8.6 (218)	2.0 (0.9)	79
SM-5F-3011Y	20,000	1/4 (6)	1/4"	3/8 (10)	4 (113)	13.7 (348)	2.9 (1.3)	79
SM-6K-3011Y	4,000	-	1/4"	3/8 (10)	4 (113)	8.9 (226)	1.8 (0.8)	79
SM-6F-3011Y	2,500	-	1/4"	3/8 (10)	4 (113)	10 (254)	2.4 (1.1)	79
SM-29-3011Y	2,500	-	1/4"	3/8 (10)	4 (113)	10.4 (264)	2.4 (1.1)	79
SM-5J-3011Y	20,000	-	1/4"	3/8 (10)	4 (113)	8 (203)	1.8 (0.8)	79
SM-76-3011Y	2,500	3/8 (10)	1/4"	3/8 (10)	4 (113)	9.5 (241)	2.2 (1.0)	79
SM-7A-3011Y	2,500	3/8 (10)	1/4"	3/8 (10)	4 (113)	9.3 (236)	2.2 (1.0)	79
SM-7B-3011Y	4,000	3/8 (10)	1/4"	3/8 (10)	4 (113)	9.3 (236)	2.2 (1.0)	79
SM-7L-3011Y	20,000	3/8 (10)	1/4"	3/8 (10)	4 (113)	9.3 (236)	1.5 (0.7)	79

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Family Looking Tools

## Features:

- Built-in Comfort Grip
- Safety Throttle Lever
- Rotating Rear Regulator
- Rotating Air Inlet
- **Low Noise 79 dB(A)**

### SM-51-3011Z

1/4" Die Grinder - Full Size



#### Patent No.

US 525 498S / US 7073774B2 / EU 000 345715  
TW D115820 / M263196

### SM-54-3011Z

1/4" Die Grinder



▲ Full-Cage Gear Design

### SM-5F-3011Z

1/4" Extended Die Grinder



### SM-6K-3011Z

Pinstripe Removal Tool



▲ Pad Size 3-1/2"

### SM-29-3011Z

Straight Air Shear



▲ Cutting Capacity Steel 1.2mm

### SM-6F-3011Z

Low Speed Tire Buffer



### SM-5J-3011Z

3" Cut-Off Tool



### SM-76-3011Z

3/8" Straight Air Drill



### SM-7A-3011Z

### SM-7B-3011Z

3/8" Straight Air Drill



▲ Full-Cage Gear Design

### SM-7L-3011Z

3/8" High Speed Straight Air Drill



## Specifications:

Model No.	Free Speed (RPM)	Collet (or Chuck) Size Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-51-3011Z	20,000	1/4 (6)	1/4"	3/8 (10)	4 (113)	7.4 (188)	1.5 (0.7)	79
SM-54-3011Z	4,000	1/4 (6)	1/4"	3/8 (10)	4 (113)	8.6 (218)	2.0 (0.9)	79
SM-5F-3011Z	20,000	1/4 (6)	1/4"	3/8 (10)	4 (113)	13.7 (348)	2.9 (1.3)	79
SM-6K-3011Z	4,000	-	1/4"	3/8 (10)	4 (113)	8.9 (226)	1.8 (0.8)	79
SM-6F-3011Z	2,500	-	1/4"	3/8 (10)	4 (113)	10 (254)	2.4 (1.1)	79
SM-29-3011Z	2,500	-	1/4"	3/8 (10)	4 (113)	10.4 (264)	2.4 (1.1)	79
SM-5J-3011Z	20,000	-	1/4"	3/8 (10)	4 (113)	8 (203)	1.8 (0.8)	79
SM-76-3011Z	2,500	3/8 (10)	1/4"	3/8 (10)	4 (113)	9.5 (241)	2.2 (1.0)	79
SM-7A-3011Z	2,500	3/8 (10)	1/4"	3/8 (10)	4 (113)	9.3 (236)	2.2 (1.0)	79
SM-7B-3011Z	4,000	3/8 (10)	1/4"	3/8 (10)	4 (113)	9.3 (236)	2.2 (1.0)	79
SM-7L-3011Z	20,000	3/8 (10)	1/4"	3/8 (10)	4 (113)	9.3 (236)	1.5 (0.7)	79

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Family Looking Tools

## Features:

- **Composite Motor Housing**
- Full-Size Square Handle
- Safety Throttle Lever
- Rear Exhaust
- **Low Noise 83 dB(A)**
- **0.5 HP**

### SM-572P

1/4" Air Die Grinder



### SM-575P

1/4" Air Die Grinder

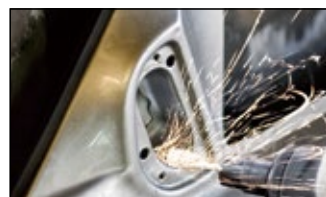


▲ Full-Cage Gear Design



### EH-512SUB

Exhaust Hose Assembly (Optional)



▲ Operation of Die Grinder

### SM-572FP

1/4" Extended Die Grinder



### SM-671P

Low Speed Tire Buffer



### SM-576P

3" Cut-Off Tool



## Specifications:

Model No.	Free Speed (RPM)	Collet Size Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-572P	23,000	1/4 (6) or 1/8 (3)	1/4"	3/8 (10)	4 (113)	6.7 (170)	1.2 (0.5)	83
SM-575P	4,500	1/4 (6) or 1/8 (3)	1/4"	3/8 (10)	4 (113)	8.3 (210)	1.3 (0.6)	83
SM-572FP	23,000	1/4 (6) or 1/8 (3)	1/4"	3/8 (10)	4 (113)	13 (330)	2.6 (1.2)	83
SM-671P	2,600	-	1/4"	3/8 (10)	4 (113)	9.3 (237)	1.9 (0.9)	83
SM-576P	22,000	3 (75)	1/4"	3/8 (10)	4 (113)	7.4 (188)	1.5 (0.7)	83

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Die Grinders - Industrial

## Features:

- **1.0 HP Motor**
- Safety Throttle Lever
- Rear Exhaust
- Erickson Collet  
(Only for SM-50-5200,  
SM-5E-5200 & SM-52-5201)



▲ Industry Standard Erickson Collet

- #50-500228-11 (1/4")
- #50-500228-13 (3mm)
- #50-500228-16 (6mm)
- #50-500228-18 (8mm)

**1.0 HP**



**SM-50-5200**  
Die Grinder



**SM-5E-5200**  
Extended Die Grinder



**SM-52-5201**  
Angle Die Grinder



**SM-52-5200**  
Angle Die Grinder

## Specifications :

Model No.	Free Speed (RPM)	Collet Size Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Power HP (Kw)
<b>SM-50-5200-14</b>	20,000	1/4	1/4"	3/8 (10)	5.3 (150)	7.9 (200)	1.8 (0.8)	1.0 (0.7)
<b>SM-50-5200-6</b>	20,000	6 mm	1/4"	3/8 (10)	5.3 (150)	7.9 (200)	1.8 (0.8)	1.0 (0.7)
<b>SM-50-5200-8</b>	20,000	8 mm	1/4"	3/8 (10)	5.3 (150)	7.9 (200)	1.8 (0.8)	1.0 (0.7)
<b>SM-5E-5200-14</b>	20,000	1/4	1/4"	3/8 (10)	5.3 (150)	13 (330)	2.6 (1.2)	1.0 (0.7)
<b>SM-5E-5200-6</b>	20,000	6 mm	1/4"	3/8 (10)	5.3 (150)	13 (330)	2.6 (1.2)	1.0 (0.7)
<b>SM-5E-5200-8</b>	20,000	8 mm	1/4"	3/8 (10)	5.3 (150)	13 (330)	2.6 (1.2)	1.0 (0.7)
<b>SM-52-5201-14</b>	12,000	1/4	1/4"	3/8 (10)	5.3 (150)	8.3 (212)	2.6 (1.2)	1.0 (0.7)
<b>SM-52-5201-6</b>	12,000	6 mm	1/4"	3/8 (10)	5.3 (150)	8.3 (212)	2.6 (1.2)	1.0 (0.7)
<b>SM-52-5201-8</b>	12,000	8 mm	1/4"	3/8 (10)	5.3 (150)	8.3 (212)	2.6 (1.2)	1.0 (0.7)
<b>SM-52-5200-14</b>	12,000	1/4	1/4"	3/8 (10)	5.3 (150)	8.3 (212)	2.6 (1.2)	1.0 (0.7)
<b>SM-52-5200-6</b>	12,000	6 mm	1/4"	3/8 (10)	5.3 (150)	8.3 (212)	2.6 (1.2)	1.0 (0.7)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# 0.4 HP & 0.7 HP Die Grinders

## Features:

- **0.4 HP & 0.7 HP Motor**
- Safety Throttle Lever
- Rear Exhaust
- Erickson Collet

### SM-5125A

1/4" Die Grinder  
- 25,000 RPM



### SM-5130A

1/4" Die Grinder  
- 30,000 RPM

*0.4 HP*

### SM-5225B

1/4" Die Grinder  
- 25,000 RPM



### SM-5230B

1/4" Die Grinder  
- 30,000 RPM

### SM-5115C

1/4" Die Grinder  
- 15,000 RPM

### SM-5118C

1/4" Die Grinder  
- 18,000 RPM

### SM-5120C

1/4" Die Grinder  
- 20,000 RPM



*0.7 HP*

### SM-5218D

1/4" Die Grinder  
- 18,000 RPM

### SM-5220D

1/4" Die Grinder  
- 20,000 RPM



## Specifications:

Model No.	Free Speed (RPM)	Collet Size Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min) Free Speed	Length Inch (mm)	Weight Lbs (Kg)	Power Watt (HP)
SM-5125A	25,000	1/4 (6)	1/4"	1/4 (6)	23 (651)	6.7 (170)	0.9 (0.4)	298 (0.4)
SM-5130A	30,000	1/4 (6)	1/4"	1/4 (6)	23 (651)	6.7 (170)	0.9 (0.4)	298 (0.4)
SM-5225B	25,000	1/4 (6)	1/4"	1/4 (6)	23 (651)	7.3 (185)	1.1 (0.5)	298 (0.4)
SM-5230B	30,000	1/4 (6)	1/4"	1/4 (6)	23 (651)	7.3 (185)	1.1 (0.5)	298 (0.4)
SM-5115C	15,000	1/4 (6)	1/4"	3/8 (10)	31 (878)	8.3 (210)	1.8 (0.8)	522 (0.7)
SM-5118C	18,000	1/4 (6)	1/4"	3/8 (10)	33 (935)	8.3 (210)	1.8 (0.8)	522 (0.7)
SM-5120C	20,000	1/4 (6)	1/4"	3/8 (10)	34 (963)	8.3 (210)	1.8 (0.8)	522 (0.7)
SM-5218D	18,000	1/4 (6)	1/4"	3/8 (10)	34 (963)	7.6 (193)	2.2 (1.0)	522 (0.7)
SM-5220D	20,000	1/4 (6)	1/4"	3/8 (10)	37 (1,048)	7.6 (193)	2.2 (1.0)	522 (0.7)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Angle Die Grinders

## Features:

- **0.5 HP** Motor
- Safety Throttle Lever
- Rear Exhaust



### SM-52-301B

1/4" 90° Angle Die Grinder  
- Built-in Comfort Grip



### SM-52-512B

1/4" 90° Angle Die Grinder



### SM-52-301X

1/4" 90° Angle Die Grinder  
- Built-in Comfort Grip

## Specifications:

Model No.	Free Speed (RPM)	Collet Size Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Power HP (Kw)
SM-52-301B	20,000	1/4 (6)	1/4"	3/8 (10)	3.3 (93)	7.2 (183)	1.8 (0.8)	0.5 (0.37)
SM-52-512B	23,000	1/4 (6)	1/4"	3/8 (10)	4 (113)	7.3 (186)	1.8 (0.8)	0.5 (0.37)
SM-52-301X	20,000	1/4 (6)	1/4"	3/8 (10)	3.3 (93)	7.2 (183)	1.8 (0.8)	0.5 (0.37)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)





## Features:

- Stainless Steel **Governor for Reliability and Maintaining Speed under Load**
- **Safety Lever**
- **Side Exhaust**
- **3.0 HP or 4.0 HP** Motor for Extra Stall Resistance
- **Simple Design with One-piece Housing**
- **Best for: Extra Heavy Duty Continuous Material Removal and Grinding**

### SM-5F-300C

6" Vertical Grinder  
- 3.0 HP



### SM-5F-400C

6" Vertical Grinder  
- 4.0 HP



### SM-5G-300V

7" Vertical Grinder  
- 3.0 HP



### SM-5G-400V

7" Vertical Grinder  
- 4.0 HP



### SM-5H-300V

9" Vertical Grinder  
- 3.0 HP



### SM-5H-400V

9" Vertical Grinder  
- 4.0 HP



## Specifications:

Model No.	Free Speed (RPM)	Power Watt (HP)	Grinding Wheel Size Inch (mm)	Guard Type	Spindle Thread	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Height Inch (mm)	Weight Lbs (Kg)
SM-5F-300C	6,000	2,238 (3)	6 (150) Cup	Type11	5/8"-11	1/2"	1/2 (13)	12 (340)	12.8 (325)	7.9 (201)	10.4 (4.7)
SM-5F-400C	6,000	2,984 (4)	6 (150) Cup	Type11	5/8"-11	1/2"	1/2 (13)	16 (453)	12.9 (328)	8.8 (223)	12.1 (5.5)
SM-5G-300V	6,000	2,238 (3)	7 (180) Type27	Type27	5/8"-11	1/2"	1/2 (13)	12 (340)	11.8 (300)	7.8 (197)	9.7 (4.4)
SM-5G-400V	6,000	2,984 (4)	7 (180) Type27	Type27	5/8"-11	1/2"	1/2 (13)	16 (453)	12 (304)	8.6 (219)	11.5 (5.2)
SM-5H-300V	6,000	2,238 (3)	9 (225) Type27	Type27	5/8"-11	1/2"	1/2 (13)	12 (340)	13.1 (333)	7.6 (193)	10.4 (4.7)
SM-5H-400V	6,000	2,984 (4)	9 (225) Type27	Type27	5/8"-11	1/2"	1/2 (13)	16 (453)	13.3 (337)	8.5 (215)	12.1 (5.5)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

## Features:

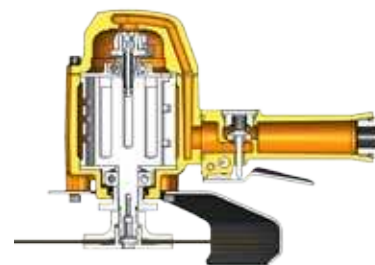
- Stainless Steel **Governor for Reliability and Maintaining Speed under Load**
- **Safety Lever**
- **Side Exhaust**
- **3.0 HP or 4.0 HP** Motor for Extra Stall Resistance
- **Best for: Extra Heavy Duty Continuous Material Removal and Grinding**



Silencer

▲ with Silencer to Reduce Noise (Optional)

#5G-321V20 (Silencer for 3.0 HP)  
#5H-421V20 (Silencer for 4.0 HP)



▲ Additional Flanges for Type 41 Flat Wheel (Optional)

#5H-421V28 (Flange)  
#5H-421V29 (Flange Nut)

### SM-5F-321C

6" Vertical Grinder  
- 3.0 HP



### SM-5G-321V

7" Vertical Grinder  
- 3.0 HP



### SM-5H-321V

9" Vertical Grinder  
- 3.0 HP



### SM-5F-421C

6" Vertical Grinder  
- 4.0 HP



### SM-5G-421V

7" Vertical Grinder  
- 4.0 HP



### SM-5H-421V

9" Vertical Grinder  
- 4.0 HP



## Specifications:

Model No.	Free Speed (RPM)	Power Watt (HP)	Grinding Wheel Size Inch (mm)	Guard Type	Spindle Thread	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min) Free Speed	Air Consumption CFM (L/Min) @Loading	Length Inch (mm)	Height Inch (mm)	Weight Lbs (Kg)
SM-5F-321C	6,000	2,238 (3)	6 (150) Cup	Type 11	5/8"-11	1/2"	1/2 (13)	21.6 (611)	52.7 (1,490)	12.5 (317)	8 (202)	10.4 (4.7)
SM-5G-321V	6,000	2,238 (3)	7 (180) Type 27	Type 27	5/8"-11	1/2"	1/2 (13)	21.6 (611)	52.7 (1,490)	11.5 (291)	7.8 (198)	9.7 (4.4)
SM-5H-321V	6,000	2,238 (3)	9 (225) Type 27	Type 27	5/8"-11	1/2"	1/2 (13)	21.6 (611)	52.7 (1,490)	12.9 (327)	7.8 (199)	10.4 (4.7)
SM-5F-421C	6,000	2,984 (4)	6 (150) Cup	Type 11	5/8"-11	1/2"	1/2 (13)	33.9 (960)	72.5 (2,051)	12.5 (318)	8.7 (222)	12.3 (5.6)
SM-5G-421V	6,000	2,984 (4)	7 (180) Type 27	Type 27	5/8"-11	1/2"	1/2 (13)	33.9 (960)	72.5 (2,051)	11.6 (295)	8.6 (218)	11.7 (5.3)
SM-5H-421V	6,000	2,984 (4)	9 (225) Type 27	Type 27	5/8"-11	1/2"	1/2 (13)	33.9 (960)	72.5 (2,051)	13.1 (332)	8.6 (219)	12.3 (5.6)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Angle Grinder

## SM-5D-6191PS

5" Angle Grinder

### Features:

- **with Speed Governor**
- **Composite** Motor Housing
- **Rear Exhaust (Silencer)**
- **Safety Throttle Lever**
- **Spindle Lock** Allows Quick and Easy Disc Change
- **9 Position Adjustable Swivel Guard**
- **1.4 HP Motor**



**EH-6191SUB**  
Exhaust Hose Assembly (Optional)



### Specifications:

Model No.	Free Speed (RPM)	Power HP (Kw)	Grinding Wheel Size Inch (mm)	Spindle Thread	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min) Free Speed	Air Consumption CFM (L/Min) @Load	Length Inch (mm)	Weight Lbs (Kg)
<b>SM-5B-6191PS/38</b>	12,000	1.4 (1.04)	4 (100)	3/8"-24	3/8"	1/2 (13)	27.2 (770)	36.9 (1,044)	10 (253)	4.2 (1.9)
<b>SM-5B-6191PS/M10</b>	12,000	1.4 (1.04)	4 (100)	M10x1.5	3/8"	1/2 (13)	27.2 (770)	36.9 (1,044)	10 (253)	4.2 (1.9)
<b>SM-5C-6191PS/58</b>	12,000	1.4 (1.04)	4-1/2 (115)	5/8"-11	3/8"	1/2 (13)	27.2 (770)	36.9 (1,044)	10 (253)	4.4 (2.0)
<b>SM-5C-6191PS/M14</b>	12,000	1.4 (1.04)	4-1/2 (115)	M14x2.0	3/8"	1/2 (13)	27.2 (770)	36.9 (1,044)	10 (253)	4.4 (2.0)
<b>SM-5C-6191PS/38</b>	12,000	1.4 (1.04)	4-1/2 (115)	3/8"-24	3/8"	1/2 (13)	27.2 (770)	36.9 (1,044)	10 (253)	4.4 (2.0)
<b>SM-5D-6191PS/58</b>	12,000	1.4 (1.04)	5 (125)	5/8"-11	3/8"	1/2 (13)	27.2 (770)	36.9 (1,044)	10 (253)	4.4 (2.0)
<b>SM-5D-6191PS/M14</b>	12,000	1.4 (1.04)	5 (125)	M14x2.0	3/8"	1/2 (13)	27.2 (770)	36.9 (1,044)	10 (253)	4.4 (2.0)
<b>SM-5D-6191PS/38</b>	12,000	1.4 (1.04)	5 (125)	3/8"-24	3/8"	1/2 (13)	27.2 (770)	36.9 (1,044)	10 (253)	4.4 (2.0)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Angle Grinders

## Features:

- With Speed Governor
- Spindle Lock Design
- Lightweight, Compact Size
- 1.2 HP / 1.8 HP Motor
- Lower Angle Head
- Life Time 1,000 Hours

### SM-5B-6400L

4" Angle Grinder

- Lever Type
- 1.2 HP



### SM-5D-6400L

5" Angle Grinder

- Lever Type
- 1.2 HP



### SM-5G-6700L

7" Angle Grinder

- Lever Type
- 1.8 HP



### SM-5B-6400R

4" Angle Grinder

- Roll Type
- 1.2 HP



### SM-5D-6400R

5" Angle Grinder

- Roll Type
- 1.2 HP



### SM-5G-6700R

7" Angle Grinder

- Roll Type
- 1.8 HP



## Specifications:

Model No.	Free Speed (RPM)	Power Watt (HP)	Capacity Wheel Inch (mm)	Wheel Hole Size Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min) Free Speed	Air Consumption CFM (L/Min) @Load	Length Inch (mm)	Weight Lbs (Kg)	Remark
SM-5B-6400L/15	13,000	895 (1.2)	4 (100)	15 mm	3/8"	1/2 (13)	27 (764)	33 (934)	8.8 (223)	2.98 (1.35)	for Japan
SM-5B-6400L/16	13,000	895 (1.2)	4 (100)	5/8 (16)	3/8"	1/2 (13)	27 (764)	33 (934)	8.8 (223)	2.98 (1.35)	-
SM-5B-6400R/15	13,000	895 (1.2)	4 (100)	15 mm	1/4"	3/8 (10)	27 (764)	33 (934)	8.3 (210)	3.2 (1.45)	for Japan
SM-5B-6400R/16	13,000	895 (1.2)	4 (100)	5/8 (16)	1/4"	3/8 (10)	27 (764)	33 (934)	8.3 (210)	3.2 (1.45)	-
SM-5D-6400L	12,000	895 (1.2)	5 (125)	7/8 (22)	3/8"	1/2 (13)	27 (764)	33 (934)	8.8 (223)	3.17 (1.44)	-
SM-5D-6400R	12,000	895 (1.2)	5 (125)	7/8 (22)	1/4"	3/8 (10)	27 (764)	33 (934)	8.3 (210)	3.4 (1.54)	-
SM-5G-6700L	7,600	1,342 (1.8)	7 (180)	7/8 (22)	3/8"	1/2 (13)	32 (906)	44 (1,245)	11 (280)	5.95 (2.7)	-
SM-5G-6700R	7,600	1,342 (1.8)	7 (180)	7/8 (22)	3/8"	1/2 (13)	32 (906)	44 (1,245)	9.4 (240)	5.51 (2.5)	-

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Angle Grinders

## Features:

- **With Speed Governor**
- **9 Position Adjustable Swivel Guard**  
(for SM-5B-6414S, SM-5C-6414S, SM-5D-6414S)
- **Rear Exhaust**
- **1.1 HP Motor**
- **Lightweight 3.5 Lbs (1.6 Kgs)**



**SM-5B-6414**  
4" Angle Grinder

**SM-5C-6414**  
4-1/2" Angle Grinder

**SM-5D-6414**  
5" Angle Grinder

► Swivel Guard Adjustable in 9 Positions

**SM-5B-6414S**  
4" Angle Grinder

**SM-5C-6414S**  
4-1/2" Angle Grinder

**SM-5D-6414S**  
5" Angle Grinder



## Specifications:

Model No.	Free Speed (RPM)	Power Watt (HP)	Grinding Wheel Size Inch (mm)	Spindle Thread	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min) @Load	Length Inch (mm)	Weight Lbs (Kg)
SM-5B-6414/38	12,000	820 (1.1)	4 (100)	3/8"-24	1/4"	3/8 (10)	20 (558)	9.7 (247)	3.5 (1.6)
SM-5B-6414/M10	12,000	820 (1.1)	4 (100)	M10x1.5	1/4"	3/8 (10)	20 (558)	9.7 (247)	3.5 (1.6)
SM-5C-6414/38	12,000	820 (1.1)	4-1/2 (115)	3/8"-24	1/4"	3/8 (10)	20 (558)	9.7 (247)	3.5 (1.6)
SM-5C-6414/M14	12,000	820 (1.1)	4-1/2 (115)	M14x2.0	1/4"	3/8 (10)	20 (558)	9.7 (247)	3.5 (1.6)
SM-5C-6414/58	12,000	820 (1.1)	4-1/2 (115)	5/8"-11	1/4"	3/8 (10)	20 (558)	9.7 (247)	3.5 (1.6)
SM-5D-6414/38	12,000	820 (1.1)	5 (125)	3/8"-24	1/4"	3/8 (10)	20 (558)	9.7 (247)	3.5 (1.6)
SM-5D-6414/M14	12,000	820 (1.1)	5 (125)	M14x2.0	1/4"	3/8 (10)	20 (558)	9.7 (247)	3.5 (1.6)
SM-5D-6414/58	12,000	820 (1.1)	5 (125)	5/8"-11	1/4"	3/8 (10)	20 (558)	9.7 (247)	3.5 (1.6)
SM-5B-6414S/38	12,000	820 (1.1)	4 (100)	3/8"-24	1/4"	3/8 (10)	20 (558)	10 (253)	3.5 (1.6)
SM-5B-6414S/M10	12,000	820 (1.1)	4 (100)	M10x1.5	1/4"	3/8 (10)	20 (558)	10 (253)	3.5 (1.6)
SM-5C-6414S/38	12,000	820 (1.1)	4-1/2 (115)	3/8"-24	1/4"	3/8 (10)	20 (558)	10 (253)	3.5 (1.6)
SM-5C-6414S/M14	12,000	820 (1.1)	4-1/2 (115)	M14x2.0	1/4"	3/8 (10)	20 (558)	10 (253)	3.5 (1.6)
SM-5C-6414S/58	12,000	820 (1.1)	4-1/2 (115)	5/8"-11	1/4"	3/8 (10)	20 (558)	10 (253)	3.5 (1.6)
SM-5D-6414S/38	12,000	820 (1.1)	5 (125)	3/8"-24	1/4"	3/8 (10)	20 (558)	10 (253)	3.5 (1.6)
SM-5D-6414S/M14	12,000	820 (1.1)	5 (125)	M14x2.0	1/4"	3/8 (10)	20 (558)	10 (253)	3.5 (1.6)
SM-5D-6414S/58	12,000	820 (1.1)	5 (125)	5/8"-11	1/4"	3/8 (10)	20 (558)	10 (253)	3.5 (1.6)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Angle Grinders -

## Heavy Industrial



### SM-5B-6422

4" Angle Grinder  
- 12,000 RPM  
- 1.6 HP

### SM-5C-6422

4-1/2" Angle Grinder  
- 12,000 RPM  
- 1.6 HP

### SM-5D-6422

5" Angle Grinder  
- 12,000 RPM  
- 1.6 HP



### SM-5G-6423

7" Angle Grinder  
- 8,400 RPM  
- 2.2HP

#### Features:

- With Speed Governor
- Lever Type
- Side Exhaust
- Side Handle

#### Specifications:

Model No.	Free Speed (RPM)	Power Watt (HP)	Abrasive Capacity	Spindle Thread	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min) Free Speed	Air Consumption CFM (L/Min) @Load	Length Inch (mm)	Weight Lbs (Kg)
SM-5B-6422/38	12,000	1,193 (1.6)	4"	3/8"-24	3/8"	3/8 (10)	33 (934)	41 (1,160)	10.9 (278)	4 (1.8)
SM-5C-6422/58	12,000	1,193 (1.6)	4-1/2"	5/8"-11	3/8"	3/8 (10)	33 (934)	41 (1,160)	10.9 (278)	4.2 (1.9)
SM-5D-6422/58	12,000	1,193 (1.6)	5"	5/8"-11	3/8"	3/8 (10)	33 (934)	41 (1,160)	10.9 (278)	4.2 (1.9)
SM-5D-6422/M14	12,000	1,193 (1.6)	5"	M14x2.0	3/8"	3/8 (10)	33 (934)	41 (1,160)	10.9 (278)	4.2 (1.9)
SM-5G-6423/58	8,400	1,641 (2.2)	7"	5/8"-11	3/8"	1/2 (13)	37 (1,047)	56 (1,585)	12.7 (323)	7.5 (3.4)
SM-5G-6423/M14	8,400	1,641 (2.2)	7"	M14x2.0	3/8"	1/2 (13)	37 (1,047)	56 (1,585)	12.7 (323)	7.5 (3.4)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

## Features:

- With Speed Governor
- Side Exhaust
- Side Handle

### SM-5D-6412

- 5" Angle Grinder  
 - Lever Type  
 - 12,000 RPM  
 - 1.6 HP



### SM-5D-6412R

- 5" Angle Grinder  
 - Roll Type  
 - 12,000 RPM  
 - 1.6 HP



### SM-5G-6413

- 7" Angle Grinder  
 - Lever Type  
 - 8,400 RPM  
 - 2.2 HP



### SM-5G-6413R

- 7" Angle Grinder  
 - Roll Type  
 - 8,400 RPM  
 - 2.2 HP



## Specifications:

Model No.	Free Speed (RPM)	Power Watt (HP)	Capacity Wheel Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min) Free Speed	Air Consumption CFM (L/Min) @Load	Length Inch (mm)	Weight Lbs (Kg)
SM-5D-6412	12,000	1,193 (1.6)	5 x 1/4 x 7/8 (125 x 6 x 22.2)	3/8"	3/8 (10)	33 (934)	41 (1,160)	11.7 (296)	4.6 (2.1)
SM-5D-6412R	12,000	1,193 (1.6)	5 x 1/4 x 7/8 (125 x 6 x 22.2)	3/8"	3/8 (10)	33 (934)	41 (1,160)	9.1 (232)	4.4 (2)
SM-5G-6413	8,400	1,641 (2.2)	7 x 1/4 x 7/8 (180 x 6 x 22.2)	3/8"	1/2 (13)	37 (1,047)	56 (1,585)	12.7 (323)	6.6 (3)
SM-5G-6413R	8,400	1,641 (2.2)	7 x 1/4 x 7/8 (180 x 6 x 22.2)	3/8"	1/2 (13)	37 (1,047)	56 (1,585)	10.9 (277)	6.6 (3)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

## SM-5B-6410

4" Angle Grinder  
- Lever Type

## SM-5C-6410

4-1/2" Angle Grinder  
- Lever Type

## SM-5D-6410

5" Angle Grinder  
- Lever Type



## Features:

- With Speed Governor
- Accept 0.8 mm~6 mm Disc
- Built-in Comfort Grip
- Rear Exhaust
- **1.1 HP Motor**

## SM-5B-6410R

4" Angle Grinder  
- Roll Type

## SM-5C-6410R

4-1/2" Angle Grinder  
- Roll Type

## SM-5D-6410R

5" Angle Grinder  
- Roll Type



## Specifications:

Model No.	Free Speed (RPM)	Power Watt (HP)	Capacity Wheel Inch (mm)	Spindle Thread	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-5B-6410/38	12,000	820 (1.1)	4 (100)	3/8"-24	3/8"	3/8 (10)	4 (113)	9.4 (240)	4.4 (2)	90
SM-5C-6410/58	12,000	820 (1.1)	4-1/2 (115)	5/8"-11	3/8"	3/8 (10)	4 (113)	9.4 (240)	4.4 (2)	90
SM-5C-6410/M14	12,000	820 (1.1)	4-1/2 (115)	M14x2.0	3/8"	3/8 (10)	4 (113)	9.4 (240)	4.4 (2)	90
SM-5D-6410/38	12,000	820 (1.1)	5 (125)	3/8"-24	3/8"	3/8 (10)	4 (113)	9.4 (240)	4.4 (2)	90
SM-5D-6410/58	12,000	820 (1.1)	5 (125)	5/8"-11	3/8"	3/8 (10)	4 (113)	9.4 (240)	4.4 (2)	90
SM-5D-6410/M14	12,000	820 (1.1)	5 (125)	M14x2.0	3/8"	3/8 (10)	4 (113)	9.4 (240)	4.4 (2)	90
SM-5B-6410R/38	12,000	820 (1.1)	4 (100)	3/8"-24	3/8"	3/8 (10)	4 (113)	9.2 (234)	4.4 (2)	90
SM-5C-6410R/58	12,000	820 (1.1)	4-1/2 (115)	5/8"-11	3/8"	3/8 (10)	4 (113)	9.2 (234)	4.4 (2)	90
SM-5C-6410R/M14	12,000	820 (1.1)	4-1/2 (115)	M14x2.0	3/8"	3/8 (10)	4 (113)	9.2 (234)	4.4 (2)	90
SM-5D-6410R/38	12,000	820 (1.1)	5 (125)	3/8"-24	3/8"	3/8 (10)	4 (113)	9.2 (234)	4.4 (2)	90
SM-5D-6410R/58	12,000	820 (1.1)	5 (125)	5/8"-11	3/8"	3/8 (10)	4 (113)	9.2 (234)	4.4 (2)	90
SM-5D-6410R/M14	12,000	820 (1.1)	5 (125)	M14x2.0	3/8"	3/8 (10)	4 (113)	9.2 (234)	4.4 (2)	90

\* Recommended Air Pressure at 90 PSI (6.2 Bar)



# Angle Grinders - Heavy Industrial

## Features:

- **With Speed Governor**
- 9 Position Adjustable Swivel Guard
- Accept **0.8 mm~6 mm Disc**
- Built-in Comfort Grip
- Side Handle
- Rear Exhaust
- Vibration Reduced Handle (Optional)
- **1.1 HP Motor**

### SM-5B-6410S

4" Angle Grinder

### SM-5C-6410S

4-1/2" Angle Grinder

### SM-5D-6410S

5" Angle Grinder

- **Swivel Guard**
- **1.1 HP**



**EH-5D-6410-11SUB**  
Exhaust Hose Assembly (Optional)

#### ▼ 9 Position Adjustable Swivel Guard



**#5D-619256**  
Standard Side Handle



**#5G-619753**  
Vibration Reduced Handle (Optional)



**QN-38**  
Quick Nut  
(3/8"-24UNF)



**QN-M14**  
Quick Nut  
(M14x2.0P)



**QN-58**  
Quick Nut  
(5/8"-11UNC)

▲ Suitable for 4-1/2" & 5" Type 41 Wheel Only (Optional)

## Specifications:

Model No.	Free Speed (RPM)	Power Watt (HP)	Capacity Wheel Inch (mm)	Spindle Thread	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
<b>SM-5B-6410S/38</b>	12,000	820 (1.1)	4 (100)	3/8"-24	3/8"	3/8 (10)	4 (113)	9.8 (249)	4.4 (2)	<b>90</b>
<b>SM-5C-6410S/58</b>	12,000	820 (1.1)	4-1/2 (115)	5/8"-11	3/8"	3/8 (10)	4 (113)	9.8 (249)	4.4 (2)	<b>90</b>
<b>SM-5C-6410S/M14</b>	12,000	820 (1.1)	4-1/2 (115)	M14x2.0	3/8"	3/8 (10)	4 (113)	9.8 (249)	4.4 (2)	<b>90</b>
<b>SM-5D-6410S/38</b>	12,000	820 (1.1)	5 (125)	3/8"-24	3/8"	3/8 (10)	4 (113)	9.8 (249)	4.4 (2)	<b>90</b>
<b>SM-5D-6410S/58</b>	12,000	820 (1.1)	5 (125)	5/8"-11	3/8"	3/8 (10)	4 (113)	9.8 (249)	4.4 (2)	<b>90</b>
<b>SM-5D-6410S/M14</b>	12,000	820 (1.1)	5 (125)	M14x2.0	3/8"	3/8 (10)	4 (113)	9.8 (249)	4.4 (2)	<b>90</b>

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Angle Grinders

## Features:

- **With Speed Governor**
- 9 Position Adjustable Swivel Guard
- Accept **0.8 mm~6 mm Disc**
- Built-in Comfort Grip
- Side Handle
- Spindle Lock Allows Quick and Easy Disc Change
- Rear Exhaust
- Vibration Reduced Handle (Optional)
- **Low Noise 83 dB(A)**
- **0.9 HP Motor**



▲ Vibration Reduced Handle



▲ Swivel Guard Adjustable



### SM-5B-6192A

4" Angle Grinder - without Swivel Guard

### SM-5C-6192A

4-1/2" Angle Grinder - without Swivel Guard

### SM-5D-6192A

5" Angle Grinder - without Swivel Guard

**SM-5B-6192AS**  
4" Angle Grinder

**SM-5C-6192AS**  
4-1/2" Angle Grinder

**SM-5D-6192AS**  
5" Angle Grinder

▼ 9 Position Adjustable Swivel Guard



## Patent No.

TW M281747 / M291340 / M336110

**#5D-619256**  
Standard Side Handle

**#5G-619753**  
Vibration Reduced Handle (Optional)

**EH-6192SUB**  
Exhaust Hose Assembly (Optional)

**QN-38**  
Quick Nut (3/8"-24UNF)

**QN-M14**  
Quick Nut (M14x2.0P)

**QN-58**  
Quick Nut (5/8"-11UNC)

▲ Suitable for 4-1/2" & 5" Type 41 Wheel Only (Optional)

## Specifications:

Model No.	Free Speed (RPM)	Grinding Wheel Size Inch (mm)	Spindle Thread	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-5B-6192AS/38	12,000	4 (100)	3/8"-24	1/4"	3/8 (10)	4 (113)	9.4 (239)	4.4 (2)	83
SM-5B-6192AS/M10	12,000	4 (100)	M10x1.5	1/4"	3/8 (10)	4 (113)	9.4 (239)	4.4 (2)	83
SM-5C-6192AS/58	12,000	4-1/2 (115)	5/8"-11	1/4"	3/8 (10)	4 (113)	9.4 (239)	4.4 (2)	83
SM-5C-6192AS/M14	12,000	4-1/2 (115)	M14x2.0	1/4"	3/8 (10)	4 (113)	9.4 (239)	4.4 (2)	83
SM-5C-6192AS/38	12,000	4-1/2 (115)	3/8"-24	1/4"	3/8 (10)	4 (113)	9.4 (239)	4.4 (2)	83
SM-5D-6192AS/58	12,000	5 (125)	5/8"-11	1/4"	3/8 (10)	4 (113)	9.4 (239)	4.4 (2)	83
SM-5D-6192AS/M14	12,000	5 (125)	M14x2.0	1/4"	3/8 (10)	4 (113)	9.4 (239)	4.4 (2)	83
SM-5D-6192AS/38	12,000	5 (125)	3/8"-24	1/4"	3/8 (10)	4 (113)	9.4 (239)	4.4 (2)	83

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Angle Grinders

## Features:

- **With Speed Governor**
- 9 Position Adjustable **Swivel Guard**
- Accept **0.8 mm~6 mm Disc**
- **Composite** Motor Housing
- Side Handle
- **Spindle Lock** Allows Quick and Easy Disc Change
- Rear Exhaust
- Vibration Reduced Handle (Optional)
- **Low Noise 83 dB(A)**
- **0.9 HP Motor**



▲ Spindle Lock



▲ Swivel Guard Adjustable

### SM-5B-6192PS

4" Angle Grinder

### SM-5C-6192PS

4-1/2" Angle Grinder

### SM-5D-6192PS

5" Angle Grinder



### ▼ 9 Position Adjustable Swivel Guard



#### #5D-619256

Standard Side Handle



#### #5G-619753

Vibration Reduced Handle (Optional)



#### EH-6192SUB

Exhaust Hose Assembly (Optional)



#### QN-38

Quick Nut (3/8"-24UNF)



#### QN-M14

Quick Nut (M14x2.0P)



#### QN-58

Quick Nut (5/8"-11UNC)

▲ Suitable for 4-1/2" & 5" Type 41 Wheel Only (Optional)

## Specifications:

Model No.	Free Speed (RPM)	Grinding Wheel Size Inch (mm)	Spindle Thread	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-5B-6192PS/38	12,000	4 (100)	3/8"-24	1/4"	3/8 (10)	4 (113)	9.4 (239)	4.4 (2)	83
SM-5B-6192PS/M10	12,000	4 (100)	M10x1.5	1/4"	3/8 (10)	4 (113)	9.4 (239)	4.4 (2)	83
SM-5C-6192PS/58	12,000	4-1/2 (115)	5/8"-11	1/4"	3/8 (10)	4 (113)	9.4 (239)	4.4 (2)	83
SM-5C-6192PS/M14	12,000	4-1/2 (115)	M14x2.0	1/4"	3/8 (10)	4 (113)	9.4 (239)	4.4 (2)	83
SM-5C-6192PS/38	12,000	4-1/2 (115)	3/8"-24	1/4"	3/8 (10)	4 (113)	9.4 (239)	4.4 (2)	83
SM-5D-6192PS/58	12,000	5 (125)	5/8"-11	1/4"	3/8 (10)	4 (113)	9.4 (239)	4.4 (2)	83
SM-5D-6192PS/M14	12,000	5 (125)	M14x2.0	1/4"	3/8 (10)	4 (113)	9.4 (239)	4.4 (2)	83
SM-5D-6192PS/38	12,000	5 (125)	3/8"-24	1/4"	3/8 (10)	4 (113)	9.4 (239)	4.4 (2)	83

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# 7" Angle Grinders

## Features:

- **Spindle Lock Design**
- Spindle Lock Allows Quick And Easy Disc Change
- Push Button Lock off Lever
- Spindle Thread: **5/8"-11 or M14x2.0**
- Rubber Comfort Grip
- Front Exhaust
- Vibration Reduced Handle (Optional)



▲ Spindle Lock



▲ Front Exhaust



▲ Safety Lever

### SM-5G-6197

7" Angle Grinder (8,500 RPM)  
- 1.3 HP



- Bigger Guard (USA)

### SM-5G-6198

7" Angle Grinder (8,500 RPM)  
- 1.3 HP



- Smaller Guard (Europe)

#### Accessories (Optional) :



#5D-619256  
Standard Side Handle



#5G-619753  
Vibration Reduced Handle (Optional)

## Specifications:

Model No.	Free Speed (RPM)	Grinding Wheel Size Inch (mm)	Spindle Thread	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SM-5G-6197/58	8,500	7 (175)	5/8"-11	3/8"	3/8 (10)	6 (170)	13.8 (350)	7.7 (3.5)
SM-5G-6197/M14	8,500	7 (175)	M14x2.0	3/8"	3/8 (10)	6 (170)	13.8 (350)	7.7 (3.5)
SM-5G-6198/58	8,500	7 (175)	5/8"-11	3/8"	3/8 (10)	4 (113)	13.1 (334)	7.3 (3.3)
SM-5G-6198/M14	8,500	7 (175)	M14x2.0	3/8"	3/8 (10)	4 (113)	13.1 (334)	7.3 (3.3)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Angle Grinders & Sander

## SM-6190

4-1/2" Angle Grinder & Sander



#619041-11

4-1/2" Plastic Pad (Optional)



## SM-619 / SM-619A

4" Angle Grinder

## SM-6194 / SM-6194B

4-1/2" Angle Grinder

## SM-6195 / SM-6195A / SM-6195B

5" Angle Grinder



### Specifications:

Model No.	Free Speed (RPM)	Disc Size Inch (mm)	Spindle Thread	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SM-6190	12,000	4-1/2 (115)	M10 x 1.5	1/4"	3/8 (10)	6 (170)	8.8 (223)	4 (1.8)
SM-619	12,000	4 (102)	3/8"-24	1/4"	3/8 (10)	6 (170)	8.8 (224)	4 (1.8)
SM-619A	12,000	4 (102)	M10 x 1.5	1/4"	3/8 (10)	6 (170)	8.8 (224)	4 (1.8)
SM-6194	12,000	4-1/2 (115)	3/8"-24	1/4"	3/8 (10)	6 (170)	8.8 (224)	4 (1.8)
SM-6194B	12,000	4-1/2 (115)	5/8"-11	1/4"	3/8 (10)	6 (170)	8.8 (224)	4 (1.8)
SM-6195	12,000	5 (127)	3/8"-24	1/4"	3/8 (10)	6 (170)	8.8 (224)	4.2 (1.9)
SM-6195A	12,000	5 (127)	M14 x 2.0	1/4"	3/8 (10)	6 (170)	8.8 (224)	4.2 (1.9)
SM-6195B	12,000	5 (127)	5/8"-11	1/4"	3/8 (10)	6 (170)	8.8 (224)	4.2 (1.9)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# 7" Angle Sanders & Polishers

## Features:

- New Built-in Comfort Grip
- Safety Lever
- Spindle Lock Button
- Rear Exhaust
- Vibration Reduced
- Side Handle (Optional)



▲ Spindle Lock Button

## SM-67-6661

7" Angle Sander (4,500 RPM)



## SM-6N-6661

7" Angle Polisher (2,500 RPM)  
(Wool polisher not included)



### Accessories (Optional) :



#5G-619753  
Vibration Reduced Side Handle



#6N-666132  
7" Plastic Pad (included with tool)



#6N-666131  
Wool Polishing Pad



#610227V-62  
(5/8"-11 thread)  
#610227V-63  
(M14x2.0 thread)



#6N-666125V-72  
(5/8"-11 thread)  
#6N-666125V-73  
(M14x2.0 thread)



#6N-666125V-82  
(5/8"-11 thread)  
#6N-666125V-83  
(M14x2.0 thread)



Wool Polishing Pad - Velcro  
#6N-666131V-6  
(6" Pad)  
#6N-666131V-7  
(7" Pad)  
#6N-666131V-8  
(8" Pad)

### Specifications:

Model No.	Free Speed (RPM)	Pad Size Inch (mm)	Spindle Thread	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SM-67-6661/58	4,500	7(175)	5/8" - 11	1/4"	3/8(10)	3.2 (91)	12 (307)	4.2 (1.9)
SM-67-6661/M14	4,500	7(175)	M14 x 2.0	1/4"	3/8(10)	3.2 (91)	12 (307)	4.2 (1.9)
SM-6N-6661/58	2,500	7(175)	5/8" - 11	1/4"	3/8(10)	3.2 (91)	12 (307)	4.2 (1.9)
SM-6N-6661/M14	2,500	7(175)	M14 x 2.0	1/4"	3/8(10)	3.2 (91)	12 (307)	4.2 (1.9)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Water Feed Tool Series

## SM-5M-130W

Air Wet Stone Cutter (13,000 RPM)



Accessories (Optional) :



#5M-130W35-11

Getter Blade (110 x 20 mm)

### Specifications:

Model No.	Free Speed (RPM)	Cutting Wheel Size Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-5M-130W	13,000	4-1/2 (110)	1/4	3/8 (10)	5 (142)	9.2 (234)	4.9 (2.2)	80

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

## SM-5D-6192AW

5" Air Wet Angle Sander (10,000 RPM)  
(Pad not included)



▲ Water Feed



## SM-5G-6197W

7" Air Wet Angle Sander (6,000 RPM)  
(Pad not included)



▲ Water Feed Type Regulator



Available Pad Size : 3", 4" or 5"

▲ Water Feed Type Regulator

## SM-618W

5" Air Wet Stone Sander / Polisher (1,800 RPM)

## SM-642W

5" Air Wet Stone Sander / Polisher (4,200 RPM)

## SM-680W

5" Air Wet Stone Sander / Polisher (8,000 RPM)

## SM-611W

5" Air Wet Stone Sander / Polisher (11,000 RPM)

### Specifications:

Model No.	Free Speed (RPM)	Pad Size Inch (mm)	Spindle Thread	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SM-5D-6192AW	10,000	5 (125)	M14x2.0	1/4	3/8 (10)	4 (113)	10.6 (270)	4.6 (2.1)
SM-5G-6197W	6,000	7 (180)	5/8"-11	1/4	3/8 (10)	4 (113)	15.4 (390)	8.6 (3.9)
SM-618W/58	1,800	5 (125)	5/8"-11	1/4	3/8 (10)	4 (113)	13.8 (350)	4.9 (2.2)
SM-618W/M14	1,800	5 (125)	M14x2.0	1/4	3/8 (10)	4 (113)	13.8 (350)	4.9 (2.2)
SM-642W/58	4,200	5 (125)	5/8"-11	1/4	3/8 (10)	4 (113)	13.8 (350)	4.9 (2.2)
SM-642W/M14	4,200	5 (125)	M14x2.0	1/4	3/8 (10)	4 (113)	13.8 (350)	4.9 (2.2)
SM-680W/58	8,000	5 (125)	5/8"-11	1/4	3/8 (10)	4 (113)	13.8 (350)	4.9 (2.2)
SM-680W/M14	8,000	5 (125)	M14x2.0	1/4	3/8 (10)	4 (113)	13.8 (350)	4.9 (2.2)
SM-611W/58	11,000	5 (125)	5/8"-11	1/4	3/8 (10)	4 (113)	13.8 (350)	4.9 (2.2)
SM-611W/M14	11,000	5 (125)	M14x2.0	1/4	3/8 (10)	4 (113)	13.8 (350)	4.9 (2.2)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

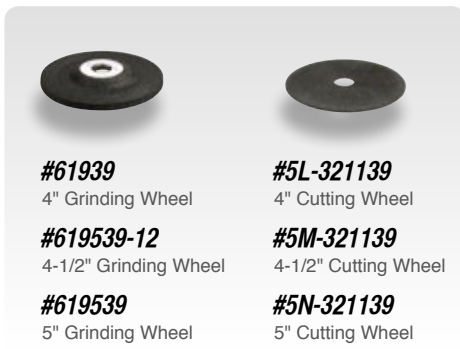
# Angle Sander, Angle Grinder, Angle Die Grinder, Cut-Off Tools

## Features:

- **Spindle Lock Design**
- 126° - 8 Position Adjustable Swivel Guard
- Good for Grinding or Cutting
- Rubber molded Cushion Grip
- Rear Exhaust
- Vibration Reduced Handle (Optional)

## Patent No.

TW M320458 / M336110 / M281747



### SM-65-3271

5" Angle Sander



### SM-5B-3271

4" Angle Grinder & Cut-Off Tool

**1.0 HP**

### SM-5C-3271

4-1/2" Angle Grinder & Cut-Off Tool



### SM-5D-3271

5" Angle Grinder & Cut-Off Tool



▲ 126° - 8 Position Adjustable Swivel Guard

### SM-5D-3272

5" Angle Grinder & Cut-Off Tool  
- Spindle Thread : 5/8"-11  
- Non-Swivel Guard

**1.0 HP**



## Features:

- Rubber Molded Cushion Grip
- Rear Exhaust
- **0.7 HP Motor**

### SM-52-3271

1/4" Angle Die Grinder



## Specifications:

Model No.	Free Speed (RPM)	Disc (or Pad, Collet) Size Inch (mm)	Disc Hole Size Inch (mm)	Spindle Thread	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Power HP (Kw)	Noise Level dB(A)
SM-65-3271	9,000	5 (125)	-	5/8"-11	1/4"	3/8 (10)	4 (113)	10.5 (266)	3.5 (1.6)	0.7 (0.52)	84
SM-5B-3271	12,000	4 (100)	5/8" (16)	3/8"-24	1/4"	3/8 (10)	4 (113)	10.6 (268)	3.7 (1.7)	1.0 (0.7)	84
SM-5C-3271	12,000	4-1/2 (115)	5/8" (16)	3/8"-24	1/4"	3/8 (10)	4 (113)	10.6 (268)	3.7 (1.7)	1.0 (0.7)	84
SM-5D-3271	12,000	5 (125)	5/8" (16)	3/8"-24	1/4"	3/8 (10)	4 (113)	10.6 (268)	3.7 (1.7)	1.0 (0.7)	84
SM-5D-3272	12,000	5 (125)	5/8" (16)	5/8"-11	1/4"	3/8 (10)	4 (113)	10.6 (268)	3.7 (1.7)	1.0 (0.7)	84
SM-52-3271	11,000	1/4 (6)	-	-	1/4"	3/8 (10)	4 (113)	10.5 (266)	3.1 (1.4)	0.7 (0.52)	84

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Mini Angle Grinder & Kit

## Features:

- **Comfort Grip**
- Side Exhaust
- Safety Throttle Lever
- **Low Noise 81 dB(A)**



▲ Grinding Operation



▲ Operation of Mini Angle Grinder

## SM-6542

2" Mini Angle Grinder



## SM-6542K

2" Mini Angle Grinder Kit



## Kit Includes:



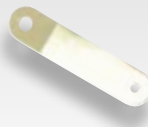
### SM-6542

2" Mini Angle Grinder x 1  
Installed with  
#60 Grit Grinding Wheel



### PK-SG2618

Safety Glasses x 1



### #5A-7283A40

Pin Wrench x 1



### #654248-11

Spanner Wrench x 1



### SA-7283560

#60 Grit 2" Grinding Wheel x 3

### SA-7283580

#80 Grit 2" Grinding Wheel x 3

### SA-72835120

#120 Grit 2" Grinding Wheel x 3

## Specifications:

Model No.	Free Speed (RPM)	Grinding Wheel Size Inch (mm)	Spindle Thread	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-6542	20,000	2 (50)	3/8"-24	1/4"	3/8 (10)	4 (113)	5 (129)	1.1 (0.5)	81

\* Recommended Air Pressure at 90 PSI (6.2 Bar)



# Mini Angle Grinder / Cut-Off Tool

## Features:

- **Special Spindle**  
(Accept 2" Grinding Wheel & 2" Cutting Wheel)
- Comfort Grip
- Side Exhaust
- Safety Throttle Lever
- **Low Noise 81 dB(A)**



▲ Operation of Cutting Metal Plate



▲ Operation of Cutting Metal Plate



2" Angle Grinder



2" Cut-Off Tool

## SM-5J-5423

2" Mini Angle Grinder & Cut-Off Tool



## SM-5J-5423K

2" Mini Angle Grinder & Cut-Off Tool Kit



### SA-7283560

#60 Grit 2" Grinding Wheel x 3

### SA-7283580

#80 Grit 2" Grinding Wheel x 3

### SA-72835120

#120 Grit 2" Grinding Wheel x 3

## Kit Includes:



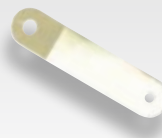
### SM-5J-5423

2" Angle Grinder & Cut-off Tool x 1  
Installed with #60 Grit Grinding Wheel



### PK-SG2618

Safety Glasses x 1



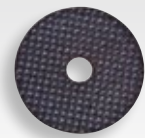
### #5A-7283A40

Pin Wrench x 1



### #654248-11

Spanner Wrench x 1



### #5J-542007

2" Cutting Wheel x 5

## Specifications:

Model No.	Free Speed (RPM)	Grinding & Cutting Wheel Size Inch (mm)	Spindle Thread	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-5J-5423	20,000	2 (50)	3/8"-24	1/4"	3/8 (10)	4 (113)	5 (129)	1.1 (0.5)	81

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Mini Cut-Off Tools

## Features:

- Rubber Comfort Grip
- Side Exhaust
- Safety Throttle Lever
- **Low Noise 81 dB(A)**



▲ Operation of SM-5J-5420



▲ Operation of SM-5J-5420

### SM-5J-5420 2" Mini Cut-Off Tool



## Features:

- Compact 180 Degree Disc Guard
- Handle Exhaust
- Safety Throttle Lever
- Rubber Comfort Grip
- **0.6 HP Motor**



▲ Operation of SM-5K-6200



▲ Operation of SM-5K-6200

### SM-5K-6200 3" Cut-Off Tool



## Specifications:

Model No.	Free Speed (RPM)	Cutting Wheel Size Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Power HP (Kw)	Noise Level dB(A)
SM-5J-5420	20,000	2 (50)	1/4	3/8 (10)	4 (113)	5 (129)	1.1 (0.5)	-	81
SM-5K-6200	18,000	3 (75)	1/4	3/8 (10)	4 (113)	9 (227)	2.0 (0.93)	0.6 (0.45)	-

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

## Features:

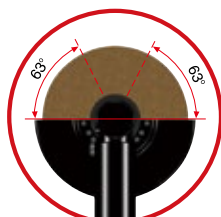
- Push Button Adjustable Guard
- **126° - 8 Position Adjustable Swivel Guard**
- Rubber molded Cushion Grip
- Rear Exhaust
- **0.7 HP Motor**



► Operation of Cut-Off Tool



► Operation of Corner Grinder



8 Positions for Guard Adjustment (126° Adjustable)



Push to Adjust Guard



Flat Air Regulator on Top

## Patent No.

US D566, 502 S  
 DE 20 2006 016 578 U1  
 TW M302447 / M308838 / M330148  
 M281747 / D121416 / D121417

**SM-5L-2011L**  
4" Extended Cut-Off Tool

**SM-5K-3011B**  
3" Cut-Off Tool - Long Neck

**SM-5L-3011B**  
4" Cut-Off Tool - Long Neck

**SM-5K-3011S**  
3" Cut-Off Tool

**SM-5L-3011S**  
4" Cut-Off Tool

## Specifications:

Model No.	Free Speed (RPM)	Cutting Wheel Size Inch (mm)	Disc Hole Size Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Power HP (Kw)
<b>SM-5L-2011L</b>	17,000	4 (100)	3/8 (10)	1/4"	3/8 (10)	4 (113)	14.6 (370)	3.7 (1.7)	0.7 (0.52)
<b>SM-5K-3011B</b>	17,000	3 (75)	3/8 (10)	1/4"	3/8 (10)	4 (113)	11 (279)	3.1 (1.4)	0.7 (0.52)
<b>SM-5L-3011B</b>	17,000	4 (100)	3/8 (10)	1/4"	3/8 (10)	4 (113)	11 (279)	3.1 (1.4)	0.7 (0.52)
<b>SM-5K-3011S</b>	17,000	3 (75)	3/8 (10)	1/4"	3/8 (10)	4 (113)	9.6 (243)	2.6 (1.2)	0.7 (0.52)
<b>SM-5L-3011S</b>	17,000	4 (100)	3/8 (10)	1/4"	3/8 (10)	4 (113)	9.6 (243)	2.6 (1.2)	0.7 (0.52)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

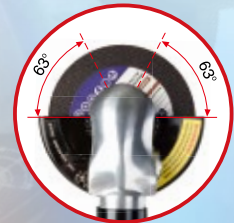
# Cut-Off Tool

## Features:

- **Spindle Lock Design**
- **Rear Exhaust**
- **Built-in Cushion Grip**
- **Push to Adjust Guard**
- **11 Positions Adjustable Swivel Guard**  
(126° Adjustable)
- **1.0 HP**

## SM-5L-5200

4" Extended Cut-Off Tool



11 Positions for Guard Adjustment  
(126° Adjustable)



Push to Adjust Guard



### Patent No.

US 8,939,816 B2  
DE 20 2012 102 406 U1  
TW M435541 / M436553 / M460746 / M460757

### Specifications:

Model No.	Free Speed (RPM)	Cutting Wheel Size Inch (mm)	Disc Hole Size Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Power HP (Kw)	Remark
SM-5L-5200/38	14,000	4 (100)	3/8 (9.5)	1/4"	3/8 (10)	4 (113)	14.6 (371)	3.7 (1.7)	1.0 (0.7)	-
* SM-5L-5200/10	14,000	4 (100)	10 mm	1/4"	3/8 (10)	4 (113)	14.6 (371)	3.7 (1.7)	1.0 (0.7)	-
SM-5L-5200/15	14,000	4 (100)	15 mm	1/4"	3/8 (10)	4 (113)	14.6 (371)	3.7 (1.7)	1.0 (0.7)	for Japan
SM-5L-5200/16	14,000	4 (100)	5/8 (16)	1/4"	3/8 (10)	4 (113)	14.6 (371)	3.7 (1.7)	1.0 (0.7)	-

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# 3" Reversible Cut-Off Tools

## Features:

- Special Hub Allows for Left or Right Turning Cutting Wheel
- Collar Operated Easy Directional Change
- Safety Throttle Lever
- Rear Exhaust
- **0.85 HP Motor**



▲ Direction of Reverse



▲ Direction of Forward



Special Hub Allows for Left or Right Turning Cutting Wheel



**SM-5J-8423**  
3" Reversible Cut-Off tool



**SM-5J-8424**  
3" Reversible Cut-Off tool

## Patent No.

TW 223988 / M380214  
US 6813837

## Specifications:

Model No.	Free Speed (RPM)	Cutting Wheel Size Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
<b>SM-5J-8423</b>	20,000	3 (75)	1/4"	3/8 (10)	4 (113)	8 (204)	2 (0.9)	<b>85</b>
<b>SM-5J-8424</b>	20,000	3 (75)	1/4"	3/8 (10)	4 (113)	8 (204)	2 (0.9)	<b>85</b>

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# 3" Reversible Cut-Off Tools & Kit

## Features:

- **Reversing Lever**  
(Reverses to direct sparks & debris away from the operator)
- **Patented Hub** (Design for reversing function)
- **Compact Disc Guard**
- Built-in Cushion Grip
- Safety Throttle Lever
- Rotating Air Inlet



▲ Direction of Forward



▲ Direction of Reverse



Reversing Lever



Hub for Reversible

### SM-5265R 3" Reversible Cut-Off Tool



### SM-5263R 3" Reversible Cut-Off Tool

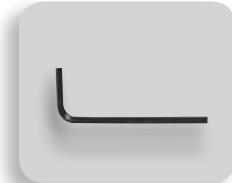


### SM-5265RK Reversible Cut-Off Tool Kit

#### Kit Includes:



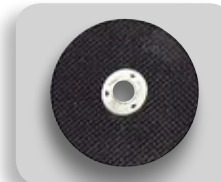
#51228  
Double Ended  
Spanner Wrench x 2



#10014  
Hex Key Wrench x 1  
(4.0 x 70L)



SM-5265R  
3" Reversible Cut-Off Tool x 1



#52630  
3" Cutting Wheel x 10



PK-SG2618  
Safety Glasses x 1

**Patent No.**  
US 6813837 / TW 223988

## Specifications:

Model No.	Free Speed (RPM)	Cutting Wheel Size Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SM-5263R	18,000	3 (75)	1/4"	3/8 (10)	4 (113)	7.2 (183)	2 (0.9)
SM-5265R	18,000	3 (75)	1/4"	3/8 (10)	4 (113)	7.2 (183)	2 (0.9)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)



# 1-1/4" Mini Random Orbital Nib Sander

## Features:

- Composite Motor Housing
- Orbit Diameter: **3/16"** (5 mm)
- Well-Balanced
- Low Vibration
- Roloc Sanding Pad
- PSA Style Pad
- **Lightweight 0.5 kg**

**SM-61-6133**

**1-1/4" Mini Random Orbital Nib Sander**  
- Orbit Dia. 3/16" (5 mm)



#61-613342-11

Roloc Type Pad



## Specifications:

Model No.	Max. Free Speed (RPM)	Orbit Diameter Inch (mm)	Pad Size Inch (mm)	Spindle Thread	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
<b>SM-61-6133</b>	8,000	3/16 (5)	1-1/4 (32)	Locking Type	1/4"	3/8 (10)	2 (57)	5.2 (131)	1.1 (0.5)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)



# Random Orbital Palm Sander

## Features:

- Composite Motor Housing
- Powerful Dust Extraction
- One-hand Speed Control
- Well-balanced and Low Vibration
- Lightweight
- Low Noise



*Central-Vacuum*

### SM-63-6143C

3" Random Orbital Palm Sander  
- Orbit Dia. **5 mm**

### SM-63-6243C

3" Random Orbital Palm Sander  
- Orbit Dia. **2.5 mm**

*Self-Vacuum*

### SM-63-6143A

3" Random Orbital Palm Sander  
- Orbit Dia. **5 mm**

### SM-63-6243A

3" Random Orbital Palm Sander  
- Orbit Dia. **2.5 mm**



## Specifications:

Model No.	Max. Free Speed (RPM)	Orbit Diameter Inch (mm)	Pad Size Inch (mm)	Spindle Thread	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min) Free Speed	Length Inch (mm)	Weight Lbs (Kg)	Power Watt (HP)	Noise Level dB(A)
SM-63-6143C	12,000	3/16 (5)	3 (77)	1/4"-20	1/4"	1/4 (6)	17 (480)	8.1 (205)	1.1 (0.5)	209 (0.28)	76
SM-63-6243C	12,000	3/32 (2.5)	3 (77)	1/4"-20	1/4"	1/4 (6)	17 (480)	8.1 (205)	1.1 (0.5)	209 (0.28)	76
SM-63-6143A	12,000	3/16 (5)	3 (77)	1/4"-20	1/4"	1/4 (6)	17 (480)	8.1 (205)	1.1 (0.5)	209 (0.28)	84
SM-63-6243A	12,000	3/32 (2.5)	3 (77)	1/4"-20	1/4"	1/4 (6)	17 (480)	8.1 (205)	1.1 (0.5)	209 (0.28)	84

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Nib Removal Sanders

## Features:

- Small Diameter Head Size for Better Visibility, Less Buffing
- Lightweight, Easy-Grip, Right Angle Tool
- Better Visibility, Less Buffing
- Precise Speed Control
- Rear Exhaust with Available Overhose
- **Roloc Type Pad**



**SM-61-5235**

**Nib Removal Sander**

- Orbit Dia. 3 mm

**SM-61-5236**

**Nib Removal Sander**

- Orbit Dia. 3 mm

## Specifications:

Model No.	Max. Free Speed (RPM)	Pad Size Inch (mm)	Orbit Diameter Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
<b>SM-61-5235</b>	12,000	1-1/4 (32)	1/8 (3)	1/4"	3/8 (10)	1 (28.3)	7.8 (199)	1.3 (0.6)	<b>80</b>
<b>SM-61-5236</b>	12,000	1-1/4 (32)	1/8 (3)	1/4"	3/8 (10)	1 (28.3)	7.8 (199)	1.3 (0.6)	<b>80</b>

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# 3" Buffers

## Features:

- Lightweight **1.0 Kg**
- Low Noise **82 dB(A)**



**G5-513257**  
Hook (Optional)

### SM-63-5432

3" Buffer - **Oil-Free**  
- Orbit Dia. 14 mm



### SM-63-6432

3" Buffer  
- Orbit Dia. 14 mm



### SM-63-5137

3" Buffer - **Oil-Free**  
- Orbit Dia. 5 mm

### SM-63-5237

3" Buffer - **Oil-Free**  
- Orbit Dia. 2.5 mm

### SM-63-5437

3" Buffer - **Oil-Free**  
- Orbit Dia. 14 mm



### SM-63-6133

3" Buffer  
- Orbit Dia. 5 mm

### SM-63-6233

3" Buffer  
- Orbit Dia. 2.5 mm

### SM-63-6433

3" Buffer  
- Orbit Dia. 14 mm



## Specifications:

Model No.	Max. Free Speed (RPM)	Pad Size Inch (mm)	Orbit Diameter Inch (mm)	Spindle Thread	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-63-5432	12,000	3 (75)	9/16 (14)	5/16"-24	1/4"	3/8 (10)	3 (85)	9.9 (252)	2.2 (1.0)	82
SM-63-6432	12,000	3 (75)	9/16 (14)	5/16"-24	1/4"	3/8 (10)	3 (85)	9.9 (252)	2.2 (1.0)	82
SM-63-5137	12,000	3 (75)	3/16 (5)	5/16"-24	1/4"	3/8 (10)	2 (57)	5.2 (132)	1.4 (0.6)	76
SM-63-5237	12,000	3 (75)	3/32 (2.5)	5/16"-24	1/4"	3/8 (10)	2 (57)	5.2 (132)	1.4 (0.6)	76
SM-63-5437	12,000	3 (75)	9/16 (14)	5/16"-24	1/4"	3/8 (10)	2 (57)	5.2 (132)	1.4 (0.6)	76
SM-63-6133	12,000	3 (75)	3/16 (5)	5/16"-24	1/4"	3/8 (10)	2 (57)	5.2 (132)	1.4 (0.6)	76
SM-63-6233	12,000	3 (75)	3/32 (2.5)	5/16"-24	1/4"	3/8 (10)	2 (57)	5.2 (132)	1.4 (0.6)	76
SM-63-6433	12,000	3 (75)	9/16 (14)	5/16"-24	1/4"	3/8 (10)	2 (57)	5.2 (132)	1.4 (0.6)	76

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# 3", 4" & 5" Gear-Driven Sanders / Polishers

## Features:

- One or Two-Hand Operation
- Orbit Diameter: **5 mm**
- Lightweight **1.0 kg**
- Low Noise **84 dB(A)**

### Accessories (Optional) :



**G5-513257**  
Hook



**#6N-663636-11**  
**#80 Grit**  
5" White Compounding Pad - Velcro



**#6N-663637-11**  
**#70 Grit**  
5" Yellow Compounding Pad - Velcro



**G4-513243-11**  
**#80 Grit**  
4" White Compounding Pad - Velcro



**G4-513244-11**  
**#70 Grit**  
4" Yellow Compounding Pad - Velcro



**SA-75543VC**  
3" Yellow Compounding Pad - Velcro



**SA-75653VC**  
3" White Compounding Pad - Velcro

### SM-G3-6132

3" Gear-Driven Sander/Polisher



*Geared*

### SM-G3-5132

3" Gear-Driven Sander / Polisher - *Oil-free*



*Geared*

### SM-G4-6132

4" Gear-Driven Sander/Polisher



*Geared*

### SM-G4-5132

4" Gear-Driven Sander / Polisher - *Oil-free*



*Geared*

### SM-G5-6132

5" Gear-Driven Sander/Polisher



*Geared*

### SM-G5-5132

5" Gear-Driven Sander / Polisher - *Oil-free*



*Geared*

## Specifications:

Model No.	Free Speed (RPM)	Pad Size Inch (mm)	Orbit Diameter Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
<b>SM-G3-6132</b>	1,300	3 (75)	3/16 (5)	1/4"	3/8 (10)	3 (85)	10 (252)	2.2 (1.0)	<b>84</b>
<b>SM-G3-5132</b>	1,300	3 (75)	3/16 (5)	1/4"	3/8 (10)	3 (85)	10 (252)	2.2 (1.0)	<b>84</b>
<b>SM-G4-6132</b>	1,300	4 (100)	3/16 (5)	1/4"	3/8 (10)	3 (85)	10 (252)	2.2 (1.0)	<b>84</b>
<b>SM-G4-5132</b>	1,300	4 (100)	3/16 (5)	1/4"	3/8 (10)	3 (85)	10 (252)	2.2 (1.0)	<b>84</b>
<b>SM-G5-6132</b>	1,300	5 (125)	3/16 (5)	1/4"	3/8 (10)	3 (85)	10 (252)	2.2 (1.0)	<b>84</b>
<b>SM-G5-5132</b>	1,300	5 (125)	3/16 (5)	1/4"	3/8 (10)	3 (85)	10 (252)	2.2 (1.0)	<b>84</b>

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# 5" & 6" Two-Hand Sanders

## Features:

- One or Two-Hand Operation
- Orbit Diameter: **5 mm & 10 mm**
- Swivel Hose Connector
- Lightweight **1.0 kg**
- Low Noise **84 dB(A)**



**G5-513257**  
Hook (Optional)

### Patent No.

TAIWAN NO. D116828 / M304400

### SM-65-6132

5" Two-Hand Sanders  
- Orbit Dia. 5 mm

### SM-66-6032

6" Two-Hand Sanders  
- Orbit Dia. 10 mm

### SM-66-6132

6" Two-Hand Sanders  
- Orbit Dia. 5 mm

*Non-Vacuum*



### SM-65-6132A

5" Two-Hand Sanders  
- Orbit Dia. 5 mm

### SM-66-6032A

6" Two-Hand Sanders  
- Orbit Dia. 10 mm

### SM-66-6132A

6" Two-Hand Sanders  
- Orbit Dia. 5 mm

*Dust Free Type*



# Oil-Free Two-Hand Sanders

## Features:

- One or Two-Hand Operation
- Orbit Diameter: **5 mm & 10 mm**
- Swivel Hose Connector
- Lightweight **1.0 kg**
- Low Noise **84 dB(A)**



**EH-6133ASUB**  
Exhaust Hose Assembly  
(Optional)  
(I.D. : 25.4mm ; O.D. : 33.4mm)



**G5-513257**  
Hook (Optional)

### SM-65-5132

5" Two-Hand Sanders  
- Orbit Dia. 5 mm

### SM-66-5032

6" Two-Hand Sanders  
- Orbit Dia. 10 mm

### SM-66-5132

6" Two-Hand Sanders  
- Orbit Dia. 5 mm

*Non-Vacuum*



### SM-65-5132A

5" Two-Hand Sanders  
- Orbit Dia. 5 mm

### SM-66-5032A

6" Two-Hand Sanders  
- Orbit Dia. 10 mm

### SM-66-5132A

6" Two-Hand Sanders  
- Orbit Dia. 5 mm

*Dust Free Type*



## Specifications:

Model No.	Max. Free Speed (RPM)	Pad Size Inch (mm)	Orbit Diameter Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-65-6132	12,000	5 (125)	3/16 (5)	1/4"	3/8 (10)	3 (85)	10.6 (268)	2.2 (1.0)	80
SM-66-6032	12,000	6 (150)	3/8 (10)	1/4"	3/8 (10)	3 (85)	10.6 (268)	2.2 (1.0)	80
SM-66-6132	12,000	6 (150)	3/16 (5)	1/4"	3/8 (10)	3 (85)	10.6 (268)	2.2 (1.0)	80
SM-65-6132A	12,000	5 (125)	3/16 (5)	1/4"	3/8 (10)	3 (85)	10.6 (268)	2.2 (1.0)	84
SM-66-6032A	12,000	6 (150)	3/8 (10)	1/4"	3/8 (10)	3 (85)	10.6 (268)	2.2 (1.0)	84
SM-66-6132A	12,000	6 (150)	3/16 (5)	1/4"	3/8 (10)	3 (85)	10.6 (268)	2.2 (1.0)	84
SM-65-5132	12,000	5 (125)	3/16 (5)	1/4"	3/8 (10)	3 (85)	10.6 (268)	2.2 (1.0)	80
SM-66-5032	12,000	6 (150)	3/8 (10)	1/4"	3/8 (10)	3 (85)	10.6 (268)	2.2 (1.0)	80
SM-66-5132	12,000	6 (150)	3/16 (5)	1/4"	3/8 (10)	3 (85)	10.6 (268)	2.2 (1.0)	80
SM-65-5132A	12,000	5 (125)	3/16 (5)	1/4"	3/8 (10)	3 (85)	10.6 (268)	2.2 (1.0)	84
SM-66-5032A	12,000	6 (150)	3/8 (10)	1/4"	3/8 (10)	3 (85)	10.6 (268)	2.2 (1.0)	84
SM-66-5132A	12,000	6 (150)	3/16 (5)	1/4"	3/8 (10)	3 (85)	10.6 (268)	2.2 (1.0)	84

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Random Orbital Palm Sanders

## Features:

- Composite Motor Housing
- Orbit Diameter:  
**2.5 mm, 5 mm, 8 mm & 10 mm**
- Well-balanced
- Low Vibration



▲ Operation of Palm Sander (Non-Vacuum)



### EH-6133ASUB

Exhaust Hose Assembly (Optional)  
( I.D. : 25.4mm ; O.D.: 33.4mm )



▲ Operation of Palm Sander (Central-Vacuum)



## Non-Vacuum

### SM-65-6033

5" Random Orbital Palm Sander  
- Orbit Dia. 10 mm

### SM-65-6833

5" Random Orbital Palm Sander  
- Orbit Dia. 8 mm

### SM-65-6133

5" Random Orbital Palm Sander  
- Orbit Dia. 5 mm

### SM-65-6233

5" Random Orbital Palm Sander  
- Orbit Dia. 2.5 mm

### SM-66-6033

6" Random Orbital Palm Sander  
- Orbit Dia. 10 mm

### SM-66-6833

6" Random Orbital Palm Sander  
- Orbit Dia. 8 mm

### SM-66-6133

6" Random Orbital Palm Sander  
- Orbit Dia. 5 mm

### SM-66-6233

6" Random Orbital Palm Sander  
- Orbit Dia. 2.5 mm

## Central-Vacuum

### SM-65-6033C

5" Random Orbital Palm Sander  
- Orbit Dia. 10 mm

### SM-65-6833C

5" Random Orbital Palm Sander  
- Orbit Dia. 8 mm

### SM-65-6133C

5" Random Orbital Palm Sander  
- Orbit Dia. 5 mm

### SM-65-6233C

5" Random Orbital Palm Sander  
- Orbit Dia. 2.5 mm

### SM-66-6033C

6" Random Orbital Palm Sander  
- Orbit Dia. 10 mm

### SM-66-6833C

6" Random Orbital Palm Sander  
- Orbit Dia. 8 mm

### SM-66-6133C

6" Random Orbital Palm Sander  
- Orbit Dia. 5 mm

### SM-66-6233C

6" Random Orbital Palm Sander  
- Orbit Dia. 2.5 mm

# Random Orbital Palm Sanders

*Self-Vacuum*

## SM-65-6033A

5" Random Orbital Palm Sander  
- Orbit Dia. 10 mm

## SM-65-6833A

5" Random Orbital Palm Sander  
- Orbit Dia. 8 mm

## SM-65-6133A

5" Random Orbital Palm Sander  
- Orbit Dia. 5 mm

## SM-65-6233A

5" Random Orbital Palm Sander  
- Orbit Dia. 2.5 mm

## SM-66-6033A

6" Random Orbital Palm Sander  
- Orbit Dia. 10 mm

## SM-66-6833A

6" Random Orbital Palm Sander  
- Orbit Dia. 8 mm

## SM-66-6133A

6" Random Orbital Palm Sander  
- Orbit Dia. 5 mm

## SM-66-6233A

6" Random Orbital Palm Sander  
- Orbit Dia. 2.5 mm



### Specifications:

Model No.	Max. Free Speed (RPM)	Orbit Diameter Inch (mm)	Pad Size Inch (mm)	Spindle Thread	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-65-6033	12,000	3/8 (10)	5 (125)	5/16"-24	1/4"	3/8 (10)	2 (57)	5.7 (146)	1.3 (0.6)	76
SM-65-6833	12,000	5/16 (8)	5 (125)	5/16"-24	1/4"	3/8 (10)	2 (57)	5.7 (146)	1.3 (0.6)	76
SM-65-6133	12,000	3/16 (5)	5 (125)	5/16"-24	1/4"	3/8 (10)	2 (57)	5.7 (146)	1.3 (0.6)	76
SM-65-6233	12,000	3/32 (2.5)	5 (125)	5/16"-24	1/4"	3/8 (10)	2 (57)	5.7 (146)	1.3 (0.6)	76
SM-66-6033	12,000	3/8 (10)	6 (150)	5/16"-24	1/4"	3/8 (10)	2 (57)	5.7 (146)	1.3 (0.6)	76
SM-66-6833	12,000	5/16 (8)	6 (150)	5/16"-24	1/4"	3/8 (10)	2 (57)	5.7 (146)	1.3 (0.6)	76
SM-66-6133	12,000	3/16 (5)	6 (150)	5/16"-24	1/4"	3/8 (10)	2 (57)	5.7 (146)	1.3 (0.6)	76
SM-66-6233	12,000	3/32 (2.5)	6 (150)	5/16"-24	1/4"	3/8 (10)	2 (57)	5.7 (146)	1.3 (0.6)	76
SM-65-6033C	12,000	3/8 (10)	5 (125)	5/16"-24	1/4"	3/8 (10)	2 (57)	7.4 (187)	1.5 (0.7)	76
SM-65-6833C	12,000	5/16 (8)	5 (125)	5/16"-24	1/4"	3/8 (10)	2 (57)	7.4 (187)	1.5 (0.7)	76
SM-65-6133C	12,000	3/16 (5)	5 (125)	5/16"-24	1/4"	3/8 (10)	2 (57)	7.4 (187)	1.5 (0.7)	76
SM-65-6233C	12,000	3/32 (2.5)	5 (125)	5/16"-24	1/4"	3/8 (10)	2 (57)	7.4 (187)	1.5 (0.7)	76
SM-66-6033C	12,000	3/8 (10)	6 (150)	5/16"-24	1/4"	3/8 (10)	2 (57)	7.4 (187)	1.5 (0.7)	76
SM-66-6833C	12,000	5/16 (8)	6 (150)	5/16"-24	1/4"	3/8 (10)	2 (57)	7.4 (187)	1.5 (0.7)	76
SM-66-6133C	12,000	3/16 (5)	6 (150)	5/16"-24	1/4"	3/8 (10)	2 (57)	7.4 (187)	1.5 (0.7)	76
SM-66-6233C	12,000	3/32 (2.5)	6 (150)	5/16"-24	1/4"	3/8 (10)	2 (57)	7.4 (187)	1.5 (0.7)	76
SM-65-6033A	12,000	3/8 (10)	5 (125)	5/16"-24	1/4"	3/8 (10)	2 (57)	7.4 (187)	1.5 (0.7)	84
SM-65-6833A	12,000	5/16 (8)	5 (125)	5/16"-24	1/4"	3/8 (10)	2 (57)	7.4 (187)	1.5 (0.7)	84
SM-65-6133A	12,000	3/16 (5)	5 (125)	5/16"-24	1/4"	3/8 (10)	2 (57)	7.4 (187)	1.5 (0.7)	84
SM-65-6233A	12,000	3/32 (2.5)	5 (125)	5/16"-24	1/4"	3/8 (10)	2 (57)	7.4 (187)	1.5 (0.7)	84
SM-66-6033A	12,000	3/8 (10)	6 (150)	5/16"-24	1/4"	3/8 (10)	2 (57)	7.4 (187)	1.5 (0.7)	84
SM-66-6833A	12,000	5/16 (8)	6 (150)	5/16"-24	1/4"	3/8 (10)	2 (57)	7.4 (187)	1.5 (0.7)	84
SM-66-6133A	12,000	3/16 (5)	6 (150)	5/16"-24	1/4"	3/8 (10)	2 (57)	7.4 (187)	1.5 (0.7)	84
SM-66-6233A	12,000	3/32 (2.5)	6 (150)	5/16"-24	1/4"	3/8 (10)	2 (57)	7.4 (187)	1.5 (0.7)	84

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Random Orbital Oil-Free Palm Sanders

## Features:

- Composite Motor Housing
- Orbit Diameter:  
**2.5 mm, 5 mm, 8 mm & 10 mm**
- Well-balanced
- Low Vibration
- **Oil-Free**



▲ Operation of Palm Sander (Central-Vacuum)



▲ Operation of Palm Sander (Non-Vacuum)



## Non-Vacuum

### SM-65-5037

5" Random Orbital **Oil-Free** Palm Sander  
- Orbit Dia. 10 mm

### SM-66-5037

6" Random Orbital **Oil-Free** Palm Sander  
- Orbit Dia. 10 mm

### SM-65-5837

5" Random Orbital **Oil-Free** Palm Sander  
- Orbit Dia. 8 mm

### SM-66-5837

6" Random Orbital **Oil-Free** Palm Sander  
- Orbit Dia. 8 mm

### SM-65-5137

5" Random Orbital **Oil-Free** Palm Sander  
- Orbit Dia. 5 mm

### SM-66-5137

6" Random Orbital **Oil-Free** Palm Sander  
- Orbit Dia. 5 mm

### SM-65-5237

5" Random Orbital **Oil-Free** Palm Sander  
- Orbit Dia. 2.5 mm

### SM-66-5237

6" Random Orbital **Oil-Free** Palm Sander  
- Orbit Dia. 2.5 mm

## Central-Vacuum

### SM-65-5037C

5" Random Orbital **Oil-Free** Palm Sander  
- Orbit Dia. 10 mm

### SM-66-5037C

6" Random Orbital **Oil-Free** Palm Sander  
- Orbit Dia. 10 mm

### SM-65-5837C

5" Random Orbital **Oil-Free** Palm Sander  
- Orbit Dia. 8 mm

### SM-66-5837C

6" Random Orbital **Oil-Free** Palm Sander  
- Orbit Dia. 8 mm

### SM-65-5137C

5" Random Orbital **Oil-Free** Palm Sander  
- Orbit Dia. 5 mm

### SM-66-5137C

6" Random Orbital **Oil-Free** Palm Sander  
- Orbit Dia. 5 mm

### SM-65-5237C

5" Random Orbital **Oil-Free** Palm Sander  
- Orbit Dia. 2.5 mm

### SM-66-5237C

6" Random Orbital **Oil-Free** Palm Sander  
- Orbit Dia. 2.5 mm



# Random Orbital Oil-Free Palm Sanders

*Self-Vacuum*

## SM-65-5037A

5" Random Orbital **Oil-Free** Palm Sander  
- Orbit Dia. 10 mm

## SM-66-5037A

6" Random Orbital **Oil-Free** Palm Sander  
- Orbit Dia. 10 mm

## SM-65-5837A

5" Random Orbital **Oil-Free** Palm Sander  
- Orbit Dia. 8 mm

## SM-66-5837A

6" Random Orbital **Oil-Free** Palm Sander  
- Orbit Dia. 8 mm

## SM-65-5137A

5" Random Orbital **Oil-Free** Palm Sander  
- Orbit Dia. 5 mm

## SM-66-5137A

6" Random Orbital **Oil-Free** Palm Sander  
- Orbit Dia. 5 mm

## SM-65-5237A

5" Random Orbital **Oil-Free** Palm Sander  
- Orbit Dia. 2.5 mm

## SM-66-5237A

6" Random Orbital **Oil-Free** Palm Sander  
- Orbit Dia. 2.5 mm



### Specifications:

Model No.	Max. Free Speed (RPM)	Orbit Diameter Inch (mm)	Pad Size Inch (mm)	Spindle Thread	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-65-5037	12,000	3/8 (10)	5 (125)	5/16"-24	1/4"	3/8 (10)	2 (57)	5.7 (146)	1.3 (0.6)	76
SM-65-5837	12,000	5/16 (8)	5 (125)	5/16"-24	1/4"	3/8 (10)	2 (57)	5.7 (146)	1.3 (0.6)	76
SM-65-5137	12,000	3/16 (5)	5 (125)	5/16"-24	1/4"	3/8 (10)	2 (57)	5.7 (146)	1.3 (0.6)	76
SM-65-5237	12,000	3/32 (2.5)	5 (125)	5/16"-24	1/4"	3/8 (10)	2 (57)	5.7 (146)	1.3 (0.6)	76
SM-66-5037	12,000	3/8 (10)	6 (150)	5/16"-24	1/4"	3/8 (10)	2 (57)	5.7 (146)	1.3 (0.6)	76
SM-66-5837	12,000	5/16 (8)	6 (150)	5/16"-24	1/4"	3/8 (10)	2 (57)	5.7 (146)	1.3 (0.6)	76
SM-66-5137	12,000	3/16 (5)	6 (150)	5/16"-24	1/4"	3/8 (10)	2 (57)	5.7 (146)	1.3 (0.6)	76
SM-66-5237	12,000	3/32 (2.5)	6 (150)	5/16"-24	1/4"	3/8 (10)	2 (57)	5.7 (146)	1.3 (0.6)	76
SM-65-5037C	12,000	3/8 (10)	5 (125)	5/16"-24	1/4"	3/8 (10)	2 (57)	7.4 (187)	1.5 (0.7)	76
SM-65-5837C	12,000	5/16 (8)	5 (125)	5/16"-24	1/4"	3/8 (10)	2 (57)	7.4 (187)	1.5 (0.7)	76
SM-65-5137C	12,000	3/16 (5)	5 (125)	5/16"-24	1/4"	3/8 (10)	2 (57)	7.4 (187)	1.5 (0.7)	76
SM-65-5237C	12,000	3/32 (2.5)	5 (125)	5/16"-24	1/4"	3/8 (10)	2 (57)	7.4 (187)	1.5 (0.7)	76
SM-66-5037C	12,000	3/8 (10)	6 (150)	5/16"-24	1/4"	3/8 (10)	2 (57)	7.4 (187)	1.5 (0.7)	76
SM-66-5837C	12,000	5/16 (8)	6 (150)	5/16"-24	1/4"	3/8 (10)	2 (57)	7.4 (187)	1.5 (0.7)	76
SM-66-5137C	12,000	3/16 (5)	6 (150)	5/16"-24	1/4"	3/8 (10)	2 (57)	7.4 (187)	1.5 (0.7)	76
SM-66-5237C	12,000	3/32 (2.5)	6 (150)	5/16"-24	1/4"	3/8 (10)	2 (57)	7.4 (187)	1.5 (0.7)	76
SM-65-5037A	12,000	3/8 (10)	5 (125)	5/16"-24	1/4"	3/8 (10)	2 (57)	7.4 (187)	1.5 (0.7)	84
SM-65-5837A	12,000	5/16 (8)	5 (125)	5/16"-24	1/4"	3/8 (10)	2 (57)	7.4 (187)	1.5 (0.7)	84
SM-65-5137A	12,000	3/16 (5)	5 (125)	5/16"-24	1/4"	3/8 (10)	2 (57)	7.4 (187)	1.5 (0.7)	84
SM-65-5237A	12,000	3/32 (2.5)	5 (125)	5/16"-24	1/4"	3/8 (10)	2 (57)	7.4 (187)	1.5 (0.7)	84
SM-66-5037A	12,000	3/8 (10)	6 (150)	5/16"-24	1/4"	3/8 (10)	2 (57)	7.4 (187)	1.5 (0.7)	84
SM-66-5837A	12,000	5/16 (8)	6 (150)	5/16"-24	1/4"	3/8 (10)	2 (57)	7.4 (187)	1.5 (0.7)	84
SM-66-5137A	12,000	3/16 (5)	6 (150)	5/16"-24	1/4"	3/8 (10)	2 (57)	7.4 (187)	1.5 (0.7)	84
SM-66-5237A	12,000	3/32 (2.5)	6 (150)	5/16"-24	1/4"	3/8 (10)	2 (57)	7.4 (187)	1.5 (0.7)	84

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Random Orbital Palm Sanders

*Self-Vacuum*

## SM-65-6033B

5" Random Orbital Palm Sander  
- Orbit Dia. 10 mm

## SM-65-6833B

5" Random Orbital Palm Sander  
- Orbit Dia. 8 mm

## SM-65-6133B

5" Random Orbital Palm Sander  
- Orbit Dia. 5 mm

## SM-65-6233B

5" Random Orbital Palm Sander  
- Orbit Dia. 2.5 mm

## SM-66-6033B

6" Random Orbital Palm Sander  
- Orbit Dia. 10 mm

## SM-66-6833B

6" Random Orbital Palm Sander  
- Orbit Dia. 8 mm

## SM-66-6133B

6" Random Orbital Palm Sander  
- Orbit Dia. 5 mm

## SM-66-6233B

6" Random Orbital Palm Sander  
- Orbit Dia. 2.5 mm



## SM-65-5037B Oil-Free

5" Random Orbital Palm Sander  
- Orbit Dia. 10 mm

## SM-65-5837B Oil-Free

5" Random Orbital Palm Sander  
- Orbit Dia. 8 mm

## SM-65-5137B Oil-Free

5" Random Orbital Palm Sander  
- Orbit Dia. 5 mm

## SM-65-5237B Oil-Free

5" Random Orbital Palm Sander  
- Orbit Dia. 2.5 mm

## SM-66-5037B Oil-Free

6" Random Orbital Palm Sander  
- Orbit Dia. 10 mm

## SM-66-5837B Oil-Free

6" Random Orbital Palm Sander  
- Orbit Dia. 8 mm

## SM-66-5137B Oil-Free

6" Random Orbital Palm Sander  
- Orbit Dia. 5 mm

## SM-66-5237B Oil-Free

6" Random Orbital Palm Sander  
- Orbit Dia. 2.5 mm



### Specifications:

Model No.	Max. Free Speed (RPM)	Orbit Diameter Inch (mm)	Pad Size Inch (mm)	Spindle Thread	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-65-6033B	12,000	3/8 (10)	5 (125)	5/16"-24	1/4"	3/8 (10)	2 (57)	6.4 (162)	1.5 (0.7)	84
SM-65-6833B	12,000	5/16 (8)	5 (125)	5/16"-24	1/4"	3/8 (10)	2 (57)	6.4 (162)	1.5 (0.7)	84
SM-65-6133B	12,000	3/16 (5)	5 (125)	5/16"-24	1/4"	3/8 (10)	2 (57)	6.4 (162)	1.5 (0.7)	84
SM-65-6233B	12,000	3/32 (2.5)	5 (125)	5/16"-24	1/4"	3/8 (10)	2 (57)	6.4 (162)	1.5 (0.7)	84
SM-66-6033B	12,000	3/8 (10)	6 (150)	5/16"-24	1/4"	3/8 (10)	2 (57)	6.4 (162)	1.5 (0.7)	84
SM-66-6833B	12,000	5/16 (8)	6 (150)	5/16"-24	1/4"	3/8 (10)	2 (57)	6.4 (162)	1.5 (0.7)	84
SM-66-6133B	12,000	3/16 (5)	6 (150)	5/16"-24	1/4"	3/8 (10)	2 (57)	6.4 (162)	1.5 (0.7)	84
SM-66-6233B	12,000	3/32 (2.5)	6 (150)	5/16"-24	1/4"	3/8 (10)	2 (57)	6.4 (162)	1.5 (0.7)	84
SM-65-5037B	12,000	3/8 (10)	5 (125)	5/16"-24	1/4"	3/8 (10)	2 (57)	6.4 (162)	1.5 (0.7)	84
SM-65-5837B	12,000	5/16 (8)	5 (125)	5/16"-24	1/4"	3/8 (10)	2 (57)	6.4 (162)	1.5 (0.7)	84
SM-65-5137B	12,000	3/16 (5)	5 (125)	5/16"-24	1/4"	3/8 (10)	2 (57)	6.4 (162)	1.5 (0.7)	84
SM-65-5237B	12,000	3/32 (2.5)	5 (125)	5/16"-24	1/4"	3/8 (10)	2 (57)	6.4 (162)	1.5 (0.7)	84
SM-66-5037B	12,000	3/8 (10)	6 (150)	5/16"-24	1/4"	3/8 (10)	2 (57)	6.4 (162)	1.5 (0.7)	84
SM-66-5837B	12,000	5/16 (8)	6 (150)	5/16"-24	1/4"	3/8 (10)	2 (57)	6.4 (162)	1.5 (0.7)	84
SM-66-5137B	12,000	3/16 (5)	6 (150)	5/16"-24	1/4"	3/8 (10)	2 (57)	6.4 (162)	1.5 (0.7)	84
SM-66-5237B	12,000	3/32 (2.5)	6 (150)	5/16"-24	1/4"	3/8 (10)	2 (57)	6.4 (162)	1.5 (0.7)	84

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# 5", 6" & 8" Gear-Driven Sanders / Polishers

## Features:

- Low Speed, High Torque
- Central Vacuum System
- Random Orbital Fine Polishing & Sanding

### SM-65-6238

5" Gear-Driven Sander/Polisher (900 RPM)  
- Orbit Dia. 5 mm

### SM-66-6238

6" Gear-Driven Sander/Polisher (900 RPM)  
- Orbit Dia. 5 mm



*Geared*

### SM-68-6238

8" Gear-Driven Sander/Polisher (900 RPM)  
- Orbit Dia. 5 mm



*Geared*

### SM-66-6238A

6" Gear-Driven Sander/Polisher (900 RPM)  
- Orbit Dia. 5 mm



*Geared*

### SM-68-6238A

8" Gear-Driven Sander/Polisher (900 RPM)  
- Orbit Dia. 5 mm



*Geared*



### EH-6238ASUB

Exhaust Hose Assembly (Optional)  
(I.D. : 25.4 mm ; O.D.: 33.4 mm)

## Accessories (Optional) :



**#6P-663636-11 #80 Grit**  
Compounding Pad - Velcro



**#6P-663637-11 #70 Grit**  
Compounding Pad - Velcro



**#6N-663131V-6**  
**#6N-663131V-8**  
Polishing Pad - Velcro



**#66-6138A42**  
6" Sanding Pad



**#68-6138A42**  
8" Sanding Pad



**3M**  
Sanding Paper

▼ For SM-66-6238A Only

## Specifications:

Model No.	Free Speed (RPM)	Pad Size Inch (mm)	Orbit Diameter Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
<b>SM-65-6238</b>	900	5 (125)	3/16 (5)	1/4"	3/8 (10)	3.5 (99)	11.6 (295)	4.2 (1.9)
<b>SM-66-6238</b>	900	6 (152)	3/16 (5)	1/4"	3/8 (10)	3.5 (99)	11.6 (295)	4.2 (1.9)
<b>SM-68-6238</b>	900	8 (203)	3/16 (5)	1/4"	3/8 (10)	3.5 (99)	12.4 (315)	4.4 (2.0)
<b>SM-66-6238A</b>	900	6 (152)	3/16 (5)	1/4"	3/8 (10)	3.5 (99)	11 (280)	4.2 (1.9)
<b>SM-68-6238A</b>	900	8 (203)	3/16 (5)	1/4"	3/8 (10)	3.5 (99)	12.4 (315)	4.4 (2.0)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# 5" & 6" Vertical Sanders / Polishers

## Features:

- Composite Motor Housing
- with Air Regulator
- 3,500 RPM
- Lightweight **1.1 Kg**
- **0.6 HP** Motor



### SM-6N-6636

5" Vertical Sander/Polisher

### SM-6P-6636

6" Vertical Sander/Polisher



### SM-65-6636G

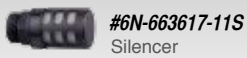
5" Vertical Sander/Polisher

### SM-66-6636G

6" Vertical Sander/Polisher



## Accessories (Optional) :



#6N-663617-11S  
Silencer



#6N-663636-11 #80 Grit  
5" White Compounding Pad  
- Velcro



#6N-663637-11 #70 Grit  
5" Yellow Compounding Pad  
- Velcro



#6N-663638-11  
5" Wool Polishing Pad  
- Velcro



#6N-663609-11  
Silencer ( Installed )



#6P-663636-11 #80 Grit  
6" White Compounding Pad  
- Velcro



#6P-663637-11 #70 Grit  
6" Yellow Compounding Pad  
- Velcro



#6N-666131V-6  
6" Wool Polishing Pad  
- Velcro

## Specifications:

Model No.	Free Speed (RPM)	Pad Size Inch (mm)	Spindle Thread	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-6N-6636	3,500	5 (125)	5/16"-24	1/4"	3/8 (10)	3.9 (110)	144(H)x205(W)x214(L)	2.2 (1.0)	80
SM-6P-6636	3,500	6 (150)	5/16"-24	1/4"	3/8 (10)	3.9 (110)	144(H)x205(W)x214(L)	2.2 (1.0)	80
SM-65-6636G	3,500	5 (125)	5/16"-24	1/4"	3/8 (10)	3.9 (110)	134(H)x235(W)x220(L)	2.6 (1.2)	80
SM-66-6636G	3,500	6 (150)	5/16"-24	1/4"	3/8 (10)	3.9 (110)	134(H)x235(W)x220(L)	2.6 (1.2)	80

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Vertical Polisher

## Features:

- Safety Throttle Lever
- Side Handle

### SM-6102

Vertical Polisher (3" & 6")



#52227  
Spanner



#5D-619256  
Standard Side Handle



#600627V-31  
3" Sanding Pad



EH-522SUB  
Exhaust Hose Assembly  
(Optional)



#610227V-61  
6" Sanding Pad

## Specifications:

Model No.	Free Speed (RPM)	Pad Size Inch (mm)	Spindle Thread	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SM-6102	1,800	3 & 6 (75 & 150)	5/16"-24	1/4"	3/8 (10)	6 (170)	7.4 (187)	2.8 (1.3)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# 7" Vertical Sander / Polisher

## Features:

- Built-in Comfort Grip
- **Low Noise 85 dB(A)**

### SM-6203

7" Vertical Polisher

### SM-6303

7" Vertical Sander / Polisher



## Specifications:

Model No.	Free Speed (RPM)	Pad Size Inch (mm)	Spindle Thread	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-6203	2,000	7 (175)	5/8"-11	1/4"	3/8 (10)	11 (311)	7.4 (188)	4.8 (2.2)	85
SM-6303	5,000	7 (175)	5/8"-11	1/4"	3/8 (10)	11 (311)	7.4 (188)	4.8 (2.2)	85

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Reversible High Speed Sanders

## Features:

- **Composite Motor Housing**  
(Double Injection only for SM-60-7253A)
- Reversing Bar on Both Sides
- Handle Exhaust
- **Patented Silencer 83 dB(A)**
- **0.6 HP**

*Reversible*



### SM-60-7253A

5" Reversible High Speed Sander



### SM-60-7254A

5" Reversible High Speed Sander

## Features:

- **Built-in Comfort Grip**
- 3 Different Size of Pads
- Reversible
- Handle Exhaust
- **0.6 HP**



▲ Operation of Reversible High Speed Sander



### SM-60-7251A

5" Reversible High Speed Sander



#66029  
5-1/2" Pad



#66028  
4-1/2" Pad



#66027  
3" Pad

## Specifications:

Model No.	Free Speed (RPM)	Pad Size (Inch)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-60-7253A	16,000	3, 4-1/2, 5-1/2	1/4"	3/8 (10)	4 (113)	5.7 (146)	2.2 (1.0)	83
SM-60-7254A	16,000	3, 4-1/2, 5-1/2	1/4"	3/8 (10)	4 (113)	5.7 (146)	2.2 (1.0)	83
SM-60-7251A	16,000	3, 4-1/2, 5-1/2	1/4"	3/8 (10)	4 (113)	5.6 (142)	2.21 (1.0)	-

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Mini Tool Series - Composite

## Features:

- Composite Motor Housing
- Handle Exhaust
- **Low Noise 80 dB(A)**



Air Regulator



▲ Operation of Mini Polisher



**SM-61-6321-2**  
2" Mini Disc Sander



**SM-61-6321-3**  
3" Mini Disc Sander



**SM-62-6321**  
1/4" Mini Die Grinder  
- Collet Size : 1/4" (6 mm) or 1/8" (3 mm)



**SM-63-6321-2**  
2" Mini Orbital Sander  
- Orbit Dia. 4 mm  
- Spindle : 1/4"-20 or M6x1.0



**SM-63-6321-3**  
3" Mini Orbital Sander  
- Orbit Dia. 4 mm  
- Spindle : 1/4"-20 or M6x1.0



**SM-64-6321**  
3" Mini Polisher  
- Spindle : 1/4"-20 or M6x1.0

**SM-66-6321**  
3" Mini Orbital Sander  
- Orbit Dia. 4 mm  
- Spindle : 5/16"-24

**SM-68-6321**  
3" Mini Polisher  
- Spindle : 5/16"-24

## Specifications:

Model No.	Free Speed (RPM)	Pad Size Inch (mm)	Spindle Thread	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
<b>SM-61-6321-2</b>	15,000	2 (50)	1/4"-20	1/4"	3/8 (10)	3.5 (99)	3.9 (100)	1.19 (0.54)
<b>SM-61-6321-3</b>	15,000	3 (75)	1/4"-20	1/4"	3/8 (10)	3.5 (99)	3.9 (100)	1.19 (0.54)
<b>SM-62-6321</b>	20,000	-	-	1/4"	3/8 (10)	3.5 (99)	4.8 (121)	1.21 (0.55)
<b>SM-63-6321-2</b>	15,000	2 (50)	1/4"-20 or M6x1.0	1/4"	3/8 (10)	2.8 (79)	4.2 (107)	1.41 (0.64)
<b>SM-63-6321-3</b>	15,000	3 (75)	1/4"-20 or M6x1.0	1/4"	3/8 (10)	2.8 (79)	4.2 (107)	1.41 (0.64)
<b>*SM-66-6321</b>	15,000	3 (75)	5/16"-24	1/4"	3/8 (10)	2.8 (79)	4.2 (107)	1.41 (0.64)
<b>SM-64-6321</b>	3,200	3 (75)	1/4"-20 or M6x1.0	1/4"	3/8 (10)	3.2 (91)	4.6 (116)	1.59 (0.72)
<b>*SM-68-6321</b>	3,200	3 (75)	5/16"-24	1/4"	3/8 (10)	3.2 (91)	4.6 (116)	1.59 (0.72)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

## SM-61-6321K

Mini Disc Sander Kit (2" & 3")



### Kit Includes:

In Blow Molded Case Complete with:

- |        |            |   |
|--------|------------|---|
| 1 pc   | SM-61-6321 | 2" & 3" Mini Disc Sander                    |
| 1 pc   | #52227     | Spanner Wrench                              |
| 1 pc   | SA-60012P  | 2" Sanding Backup Pad                       |
| 10 pcs | SA-2060SD  | #60 Grit Sanding Disc 2" Dia.               |
| 10 pcs | SA-2080SD  | #80 Grit Sanding Disc 2" Dia.               |
| 10 pcs | SA-2120SD  | #120 Grit Sanding Disc 2" Dia.              |
| 3 pcs  | SA-60012SP | 2" Surface Prep Pad (Fine, Medium & Coarse) |
| 1 pc   | SA-60013P  | 3" Sanding Backup Pad (Installed)           |
| 10 pcs | SA-3060SD  | #60 Grit Sanding Disc 3" Dia.               |
| 10 pcs | SA-3080SD  | #80 Grit Sanding Disc 3" Dia.               |
| 10 pcs | SA-3120SD  | #120 Grit Sanding Disc 3" Dia.              |
| 3 pcs  | SA-60013SP | 3" Surface Prep Pad (Fine, Medium & Coarse) |

## SM-61-6321-2K

2" Mini Disc Sander Kit



### Kit Includes:

In Blow Molded Case Complete with:

- |        |              |   |
|--------|--------------|---|
| 1 pc   | SM-61-6321-2 | 2" Mini Disc Sander                         |
| 1 pc   | #52227       | Spanner Wrench                              |
| 1 pc   | SA-60012P    | 2" Sanding Backup Pad (Installed)           |
| 10 pcs | SA-2060SD    | #60 Grit Sanding Disc 2" Dia.               |
| 10 pcs | SA-2080SD    | #80 Grit Sanding Disc 2" Dia.               |
| 10 pcs | SA-2120SD    | #120 Grit Sanding Disc 2" Dia.              |
| 3 pcs  | SA-60012SP   | 2" Surface Prep Pad (Fine, Medium & Coarse) |

### Accessories:



**SA-60012P**  
2" Sanding Backup Pad



#### SA-2060SD #60 Grit

Sanding Disc 2" Dia.

#### SA-2080SD #80 Grit

Sanding Disc 2" Dia.

#### SA-2100SD #100 Grit

Sanding Disc 2" Dia.

#### SA-2120SD #120 Grit

Sanding Disc 2" Dia.



**SA-60012SP**  
2" Surface Prep Pad  
(Fine, Medium & Coarse)

## SM-61-6321-3K

3" Mini Disc Sander Kit



### Kit includes:

In Blow Molded Case Complete with:

- |        |              |  |
|--------|--------------|--|
| 1 pc   | SM-61-6321-3 | 3" Mini Disc Sander                            |
| 1 pc   | #52227       | Spanner Wrench                                 |
| 1 pc   | SA-60013P    | 3" Sanding Backup Pad (Installed)              |
| 10 pcs | SA-3060SD    | #60 Grit Sanding Disc 3" Dia.                  |
| 10 pcs | SA-3080SD    | #80 Grit Sanding Disc 3" Dia.                  |
| 10 pcs | SA-3120SD    | #120 Grit Sanding Disc 3" Dia.                 |
| 3 pcs  | SA-60013SP   | 3" Surface Prep Pad<br>(Fine, Medium & Coarse) |

### Accessories:



**SA-60013P**  
3" Sanding Backup Pad



#### SA-3060SD #60 Grit

Sanding Disc 3" Dia.

#### SA-3080SD #80 Grit

Sanding Disc 3" Dia.

#### SA-3100SD #100 Grit

Sanding Disc 3" Dia.

#### SA-3120SD #120 Grit

Sanding Disc 3" Dia.



**SA-60013SP**  
3" Surface Prep Pad  
(Fine, Medium & Coarse)



## SM-62-6321K

1/4" Mini Die Grinder Kit

### Kit Includes:

In Blow Molded Case Complete with:

- 1 pc SM-62-6321 Mini Die Grinder
- 2 pcs #52227 Spanner Set
- 1 pc #51224-11 1/4" or 6 mm Collet (Installed)
- 1 pc #51224-12 1/8" or 3 mm Collet
- 10 pcs ST-512 Complete Set of Wheel Stones

## SM-63-6321K

Mini Orbital Sander Kit (2" & 3")



### Kit Includes:

In Blow Molded Case Complete with:

- 1 pc SM-63-6321 2" & 3" Mini Orbital Sander
- 1 pc #600324 Key Wrench
- 1 pc SA-6003V-2P 2" Velcro Sanding Pad
- 1 pc SA-6003V-3P 3" Velcro Sanding Pad (Installed)
- 10 pcs SA-2320GP 2" Sanding Paper #320 Grit
- 10 pcs SA-2400GP 2" Sanding Paper #400 Grit
- 10 pcs SA-2600GP 2" Sanding Paper #600 Grit
- 10 pcs SA-3320GP 3" Sanding Paper #320 Grit
- 10 pcs SA-3400GP 3" Sanding Paper #400 Grit
- 10 pcs SA-3600GP 3" Sanding Paper #600 Grit

### Accessories:



**SA-6003V-2P**  
2" Velcro Sanding Pad



**SA-6003V-3P**  
3" Velcro Sanding Pad

## SM-64-6321K

3" Mini Polisher Kit



### Kit Includes:

In Blow Molded Case Complete with:

- 1 pc SM-64-6321 3" Mini Polisher
- 1 pc #51228 Key Wrench
- 1 pc SA-6003V-3P 3" Velcro Sanding Pad (Installed)
- 1 pc SA-77213 3-1/2" Bonnet
- 1 pc SA-75543VC 3-1/2" Yellow Compounding Pad
- 1 pc SA-75653VC 3-1/2" White Compounding Pad

### Accessories:



**SA-77213**  
3-1/2" Bonnet



**SA-75543VC**  
3-1/2" Yellow Compounding Pad



**SA-75653VC**  
3-1/2" White Compounding Pad



## Features:

- Ergonomic Handle Design
- Built-in Comfort Grip
- Handle Exhaust



Air Regulator



**SM-6001-2**  
2" Mini Disc Sander



**SM-6001-3**  
3" Mini Disc Sander



**SM-6002**  
1/4" Mini Die Grinder  
- Collet Size : 1/4" (6 mm) or 1/8" (3 mm)



**SM-6003V-2**  
2" Mini Orbital Sander  
- Orbit Dia. 4 mm  
- Spindle : 1/4"-20 or M6x1.0



**SM-6003V-3**  
3" Mini Orbital Sander  
- Orbit Dia. 4 mm  
- Spindle : 1/4"-20 or M6x1.0



**SM-6004**  
3" Mini Polisher  
- Spindle : 1/4"-20 or M6x1.0

Rubber Grip Color:



**SM-6006**  
3" Mini Orbital Sander  
- Orbit Dia. 4 mm  
- Spindle : 5/16"-24

**SM-6008**  
3" Mini Polisher  
- Spindle : 5/16"-24

## Specifications:

Model No.	Free Speed (RPM)	Pad Size Inch (mm)	Spindle Thread	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-6001-2	15,000	2 (50)	1/4"-20	1/4"	3/8 (10)	3.2 (91)	3.9 (100)	1.3 (0.6)	84
SM-6001-3	15,000	3 (75)	1/4"-20	1/4"	3/8 (10)	3.2 (91)	3.9 (100)	1.3 (0.6)	84
SM-6002	15,000	-	-	1/4"	3/8 (10)	3.2 (91)	4.7 (120)	1.4 (0.65)	84
SM-6003V-2	15,000	2 (50)	1/4"-20 or M6x1.0	1/4"	3/8 (10)	3.2 (91)	4.2 (107)	1.5 (0.7)	84
SM-6003V-3	15,000	3 (75)	1/4"-20 or M6x1.0	1/4"	3/8 (10)	3.2 (91)	4.2 (107)	1.5 (0.7)	84
* SM-6006	15,000	3 (75)	5/16"-24	1/4"	3/8 (10)	3.2 (91)	4.2 (107)	1.5 (0.7)	84
SM-6004	2,500	3 (75)	1/4"-20 or M6x1.0	1/4"	3/8 (10)	3.2 (91)	4.5 (115)	1.8 (0.8)	84
* SM-6008	2,500	3 (75)	5/16"-24	1/4"	3/8 (10)	3.2 (91)	4.5 (115)	1.8 (0.8)	84

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

## SM-6001K

Mini Disc Sander Kit (2" & 3")



### Kit Includes:

In Blow Molded Case Complete with:

1 pc	SM-6001	Mini Disc Sander with Rubber Grip
1 pc	#52227	Spanner Wrench
1 pc	SA-60012P	2" Sanding Backup Pad (Installed)
10 pcs	SA-2060SD	#60 Grit Sanding Disc 2" Dia.
10 pcs	SA-2080SD	#80 Grit Sanding Disc 2" Dia.
10 pcs	SA-2120SD	#120 Grit Sanding Disc 2" Dia.
3 pcs	SA-60012SP	2" Surface Prep Pad (Fine, Medium & Coarse)
1 pc	SA-60013P	3" Sanding Backup Pad
10 pcs	SA-3060SD	#60 Grit Sanding Disc 3" Dia.
10 pcs	SA-3080SD	#80 Grit Sanding Disc 3" Dia.
10 pcs	SA-3120SD	#120 Grit Sanding Disc 3" Dia.
3 pcs	SA-60013SP	3" Surface Prep Pad (Fine, Medium & Coarse)

## SM-6001-2K

2" Mini Disc Sander Kit



### Kit Includes:

In Blow Molded Case Complete with:

1 pc	SM-6001-2	Mini Disc Sander with Rubber Grip
1 pc	#52227	Spanner Wrench
1 pc	SA-60012P	2" Sanding Backup Pad (Installed)
10 pcs	SA-2060SD	#60 Grit Sanding Disc 2" Dia.
10 pcs	SA-2080SD	#80 Grit Sanding Disc 2" Dia.
10 pcs	SA-2120SD	#120 Grit Sanding Disc 2" Dia.
3 pcs	SA-60012SP	2" Surface Prep Pad (Fine, Medium & Coarse)

### Accessories:



**SA-60012P**  
2" Sanding Backup Pad



#### SA-2060SD #60 Grit

Sanding Disc 2" Dia.

#### SA-2080SD #80 Grit

Sanding Disc 2" Dia.

#### SA-2100SD #100 Grit

Sanding Disc 2" Dia.

#### SA-2120SD #120 Grit

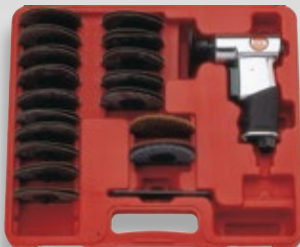
Sanding Disc 2" Dia.



**SA-60012SP**  
2" Surface Prep Pad  
(Fine, Medium & Coarse)

## SM-6001-3K

3" Mini Disc Sander Kit



### Kit Includes:

In Blow Molded Case Complete with:

1 pc	SM-6001-3	Mini Disc Sander with Rubber Grip
1 pc	#52227	Spanner Wrench
1 pc	SA-60013P	3" Sanding Backup Pad (Installed)
10 pcs	SA-3060SD	#60 Grit Sanding Disc 3" Dia.
10 pcs	SA-3080SD	#80 Grit Sanding Disc 3" Dia.
10 pcs	SA-3120SD	#120 Grit Sanding Disc 3" Dia.
3 pcs	SA-60013SP	3" Surface Prep Pad (Fine, Medium & Coarse)

### Accessories:



**SA-60013P**  
3" Sanding Backup Pad



#### SA-3060SD #60 Grit

Sanding Disc 3" Dia.

#### SA-3080SD #80 Grit

Sanding Disc 3" Dia.

#### SA-3100SD #100 Grit

Sanding Disc 3" Dia.

#### SA-3120SD #120 Grit

Sanding Disc 3" Dia.



**SA-60013SP**  
3" Surface Prep Pad  
(Fine, Medium & Coarse)



## SM-6002K

1/4" Mini Die Grinder Kit

### Kit Includes:

In Blow Molded Case Complete with:

- |        |           |                                   |
|--------|-----------|-----------------------------------|
| 1 pc   | SM-6002   | Mini Die Grinder with Rubber Grip |
| 2 pc   | #52227    | Spanner Wrench                    |
| 10 pcs | ST-512    | Complete Set of Wheel Stones      |
| 1 pc   | #51224-11 | 1/4" or 6 mm Collet (Installed)   |
| 1 pc   | #51224-12 | 1/8" or 3 mm Collet               |

## SM-6003VK

Mini Orbital Sander Kit (2" & 3")



### Kit Includes:

In Blow Molded Case Complete with:

- |        |             |                                      |
|--------|-------------|--------------------------------------|
| 1 pc   | SM-6003V    | Mini Orbital Sander with Rubber Grip |
| 1 pc   | #600324     | Key Wrench                           |
| 1 pc   | SA-6003V-2P | 2" Velcro Sanding Pad                |
| 1 pc   | SA-6003V-3P | 3" Velcro Sanding Pad (Installed)    |
| 10 pcs | SA-2320GP   | 2" Sanding Paper #320 Grit           |
| 10 pcs | SA-2400GP   | 2" Sanding Paper #400 Grit           |
| 10 pcs | SA-2600GP   | 2" Sanding Paper #600 Grit           |
| 10 pcs | SA-3320GP   | 3" Sanding Paper #320 Grit           |
| 10 pcs | SA-3400GP   | 3" Sanding Paper #400 Grit           |
| 10 pcs | SA-3600GP   | 3" Sanding Paper #600 Grit           |

Rubber Grip Color:



### Accessories:



SA-6003V-2P  
2" Velcro Sanding Pad



SA-6003V-3P  
3" Velcro Sanding Pad

## SM-6004K

3" Mini Polisher Kit



### Kit Includes:

In Blow Molded Case Complete with:

- |      |             |                                   |
|------|-------------|-----------------------------------|
| 1 pc | SM-6004     | 3" Mini Polisher with Rubber Grip |
| 1 pc | #51228      | Key Wrench                        |
| 1 pc | SA-6003V-3P | 3" Velcro Sanding Pad (Installed) |
| 1 pc | SA-77213    | 3-1/2" Bonnet                     |
| 1 pc | SA-75543VC  | 3-1/2" Yellow Compounding Pad     |
| 1 pc | SA-75653VC  | 3-1/2" White Compounding Pad      |

Rubber Grip Color:



### Accessories:



SA-77213  
3-1/2" Bonnet



SA-75543VC  
3-1/2" Yellow Compounding Pad



SA-75653VC  
3-1/2" White Compounding Pad

## Features:

- Ergonomic Handle Design
- Variable Speed Trigger
- Built-in Comfort Grip
- Handle Exhaust

### Rubber Grip Color:




**SM-72833-2**  
2" Mini Orbital Sander  
- Orbit Dia. 4 mm

**SM-72833-3**  
3" Mini Orbital Sander  
- Orbit Dia. 4 mm

**SM-72835K Includes:**  
2" Mini Grinder Kit in Box Complete with:



**SM-72831-2**  
2" Mini Disc Sander

**SM-72831-3**  
3" Mini Disc Sander




**SM-72832**  
1/4" Mini Die Grinder  
- Collet Size : 1/4" (6 mm) or 1/8" (3 mm)



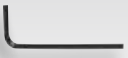
**SM-72834**  
3" Mini Polisher




**SM-72835**  
2" Mini Grinder




**SM-72835**  
2" Mini Grinder with #60 Grit Grinding Wheel (Installed)




**#10012**  
Hex Key Wrench x 1 (3.0 x 70L)



**#5A-7283A40**  
Pin Wrench x 1



**#52227**  
Spanner Wrench x 1



**SA-7283560**  
#60 Grit 2" Grinding Wheel x 1

**SA-7283580**  
#80 Grit 2" Grinding Wheel x 1

**SA-72835120**  
#120 Grit 2" Grinding Wheel x 1

## Specifications:

Model No.	Free Speed (RPM)	Pad / Disc Size Inch (mm)	Spindle Thread	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
<b>SM-72831-2</b>	15,000	2 (50)	1/4"-20	1/4"	3/8 (10)	4 (113)	4.3 (109)	1.5 (0.7)
<b>SM-72831-3</b>	15,000	3 (75)	1/4"-20	1/4"	3/8 (10)	4 (113)	4.3 (109)	1.5 (0.7)
<b>SM-72832</b>	18,000	-	-	1/4"	3/8 (10)	4 (113)	4.6 (117)	1.2 (0.54)
<b>SM-72833-2</b>	15,000	2 (50)	1/4"-20 or M6x1.0	1/4"	3/8 (10)	4 (113)	4.6 (117)	1.5 (0.7)
<b>SM-72833-3</b>	15,000	3 (75)	1/4"-20 or M6x1.0	1/4"	3/8 (10)	4 (113)	4.6 (117)	1.5 (0.7)
<b>SM-72834</b>	2,500	3 (75)	1/4"-20 or M6x1.0	1/4"	3/8 (10)	4 (113)	5.1 (130)	2 (0.9)
<b>SM-72835</b>	20,000	2 (50)	3/8"-24	1/4"	3/8 (10)	4 (113)	4 (102)	1.5 (0.7)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

## SM-72831K

Mini Disc Sander Kit (2" & 3")



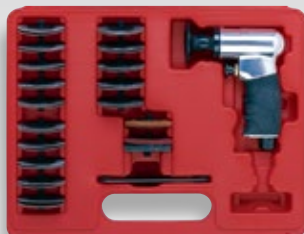
### Kit Includes:

In Blow Molded Case Complete with:

- |        |            |   |
|--------|------------|---|
| 1 pc   | SM-72831   | Mini Disc Sander with Rubber Grip           |
| 1 pc   | #52227     | Spanner Wrench                              |
| 1 pc   | SA-60012P  | 2" Sanding Backup Pad (Installed)           |
| 10 pcs | SA-2060SD  | #60 Grit Sanding Disc 2" Dia.               |
| 10 pcs | SA-2080SD  | #80 Grit Sanding Disc 2" Dia.               |
| 10 pcs | SA-2120SD  | #120 Grit Sanding Disc 2" Dia.              |
| 3 pcs  | SA-60012SP | 2" Surface Prep Pad (Fine, Medium & Coarse) |
| 1 pc   | SA-60013P  | 3" Sanding Backup Pad                       |
| 10 pcs | SA-3060SD  | #60 Grit Sanding Disc 3" Dia.               |
| 10 pcs | SA-3080SD  | #80 Grit Sanding Disc 3" Dia.               |
| 10 pcs | SA-3120SD  | #120 Grit Sanding Disc 3" Dia.              |
| 3 pcs  | SA-60013SP | 3" Surface Prep Pad (Fine, Medium & Coarse) |

## SM-72831-2K

2" Mini Disc Sander Kit



### Kit Includes:

In Blow Molded Case Complete with:

- |        |            |   |
|--------|------------|---|
| 1 pc   | SM-72831-2 | Mini Disc Sander with Rubber Grip           |
| 1 pc   | #52227     | Spanner Wrench                              |
| 1 pc   | SA-60012P  | 2" Sanding Backup Pad (Installed)           |
| 10 pcs | SA-2060SD  | #60 Grit Sanding Disc 2" Dia.               |
| 10 pcs | SA-2080SD  | #80 Grit Sanding Disc 2" Dia.               |
| 10 pcs | SA-2120SD  | #120 Grit Sanding Disc 2" Dia.              |
| 3 pcs  | SA-60012SP | 2" Surface Prep Pad (Fine, Medium & Coarse) |

### Accessories:



**SA-60012P**  
2" Sanding Backup Pad



**SA-2060SD #60 Grit**  
Sanding Disc 2" Dia.

**SA-2080SD #80 Grit**  
Sanding Disc 2" Dia.

**SA-2100SD #100 Grit**  
Sanding Disc 2" Dia.

**SA-2120SD #120 Grit**  
Sanding Disc 2" Dia.



**SA-60012SP**  
2" Surface Prep Pad  
(Fine, Medium & Coarse)

## SM-72831-3K

3" Mini Disc Sander Kit



### Kit Includes:

In Blow Molded Case Complete with:

- |        |            |   |
|--------|------------|---|
| 1 pc   | SM-72831-3 | Mini Disc Sander with Rubber Grip           |
| 1 pc   | #52227     | Spanner Wrench                              |
| 1 pc   | SA-60013P  | 3" Sanding Backup Pad (Installed)           |
| 10 pcs | SA-3060SD  | #60 Grit Sanding Disc 3" Dia.               |
| 10 pcs | SA-3080SD  | #80 Grit Sanding Disc 3" Dia.               |
| 10 pcs | SA-3120SD  | #120 Grit Sanding Disc 3" Dia.              |
| 3 pcs  | SA-60013SP | 3" Surface Prep Pad (Fine, Medium & Coarse) |

### Accessories:



**SA-60013P**  
3" Sanding Backup Pad



**SA-3060SD #60 Grit**  
Sanding Disc 3" Dia.

**SA-3080SD #80 Grit**  
Sanding Disc 3" Dia.

**SA-3100SD #100 Grit**  
Sanding Disc 3" Dia.

**SA-3120SD #120 Grit**  
Sanding Disc 3" Dia.



**SA-60013SP**  
3" Surface Prep Pad  
(Fine, Medium & Coarse)

## SM-72832K

Mini Die Grinder Kit



### Kit Includes:

In Blow Molded Case Complete with:

- |        |           |                                   |
|--------|-----------|-----------------------------------|
| 1 pc   | SM-72832  | Mini Die Grinder with Rubber Grip |
| 2 pc   | #52227    | Spanner Wrench                    |
| 10 pcs | ST-512    | Complete Set of Wheel Stones      |
| 1 pc   | #51224-11 | 1/4" or 6 mm Collet (Installed)   |
| 1 pc   | #51224-12 | 1/8" or 3 mm Collet               |

Rubber Grip Color:



## SM-72833K

Mini Orbital Sander Kit (2" & 3")



### Kit Includes:

In Blow Molded Case Complete with:

- |        |             |                                      |
|--------|-------------|--------------------------------------|
| 1 pc   | SM-72833    | Mini Orbital Sander with Rubber Grip |
| 1 pc   | #600324     | Key Wrench                           |
| 1 pc   | SA-6003V-2P | 2" Velcro Sanding Pad                |
| 1 pc   | SA-6003V-3P | 3" Velcro Sanding Pad (Installed)    |
| 10 pcs | SA-2320GP   | 2" Sanding Paper #320 Grit           |
| 10 pcs | SA-2400GP   | 2" Sanding Paper #400 Grit           |
| 10 pcs | SA-2600GP   | 2" Sanding Paper #600 Grit           |
| 10 pcs | SA-3320GP   | 3" Sanding Paper #320 Grit           |
| 10 pcs | SA-3400GP   | 3" Sanding Paper #400 Grit           |
| 10 pcs | SA-3600GP   | 3" Sanding Paper #600 Grit           |

Rubber Grip Color:



### Accessories:



**SA-6003V-2P**  
2" Velcro Sanding Pad



**SA-6003V-3P**  
3" Velcro Sanding Pad



## SM-72834K

3" Mini Polisher Kit

### Kit Includes:

In Blow Molded Case Complete with:

- |      |             |                                   |
|------|-------------|-----------------------------------|
| 1 pc | SM-72834    | 3" Mini Polisher with Rubber Grip |
| 1 pc | #51228      | Key Wrench                        |
| 1 pc | SA-6003V-3P | 3" Velcro Sanding Pad (Installed) |
| 1 pc | SA-77213    | 3-1/2" Bonnet                     |
| 1 pc | SA-75543VC  | 3-1/2" Yellow Compounding Pad     |
| 1 pc | SA-75653VC  | 3-1/2" White Compounding Pad      |

Rubber Grip Color:



### Accessories:



**SA-77213**  
3-1/2" Bonnet



**SA-75543VC**  
3-1/2" Yellow Compounding Pad



**SA-75653VC**  
3-1/2" White Compounding Pad

## Features:

- Ergonomic Handle Design
- Built-in Comfort Grip
- Handle Exhaust
- with Regulator

### SM-6C30

Finger Sander  
- Orbit Dia. 3 mm



### SM-6C31

Finger Sander  
- Orbit Dia. 3 mm



## Specifications:

Model No.	Blows Per Min. (BPM)	Pad Size Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SM-6C30	11,000	1-1/2 x 3-3/8 (40 x 86)	1/4"	3/8 (10)	3.5 (99)	7.5 (190)	2 (0.9)
SM-6C31	11,000	1-1/8 (28.5)	1/4"	3/8 (10)	3.5 (99)	7.5 (190)	2 (0.9)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Air Trimmer

### SM-205

Air Trimmer



## Specifications:

Model No.	Free Speed (RPM)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SM-205	20,000	1/4"	1/4 (6)	4 (113)	9 (229)	0.8 (0.4)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)





# Belt Sanders

## Features:

- Comfort Grip
- Safety Lever
- Silencer
- Swivel Connector Air Inlet



**SM-6W-6060**  
6mm Belt Sander



**SM-6W-6100**  
10mm Belt Sander - 10 mm x 330 mm

**SM-6W-6102**  
13mm Belt Sander - 13 mm x 330 mm



**SM-6W-6120**  
13mm Belt Sander - 13 mm x 610 mm



**SM-6T-6200**  
20mm Belt Sander



**SM-620SG**  
20mm Belt Sander



**SM-6X-6300**  
30mm Belt Sander

## Specifications:

Model No.	Free Speed (RPM)	Belt Size Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Folded Length Inch (mm)	Max. Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
<b>SM-6W-6060</b>	20,000	1/4 x 13 (6 x 330)	1/4"	3/8 (10)	4.2 (119)	8.1 (207)	13 (331)	1.8 (0.85)	<b>84</b>
<b>SM-6W-6100</b>	20,000	3/8 x 13 (10 x 330)	1/4"	3/8 (10)	4.2 (119)	8.1 (207)	13 (331)	1.8 (0.85)	<b>84</b>
<b>SM-6W-6102</b>	20,000	1/2 x 13 (13 x 330)	1/4"	3/8 (10)	4.2 (119)	8.1 (207)	13 (331)	1.8 (0.85)	<b>84</b>
<b>SM-6W-6120</b>	20,000	1/2 x 24 (13 x 610)	1/4"	3/8 (10)	4.2 (119)	12.2 (310)	18.2 (463)	2 (0.95)	<b>84</b>
<b>SM-620SG</b>	18,000	3/4 x 20-1/2 (20 x 520)	1/4"	3/8 (10)	4.2 (119)	9.8 (250)	16.1 (410)	3.3 (1.5)	<b>84</b>
<b>SM-6T-6200</b>	18,000	3/4 x 20-1/2 (20 x 520)	1/4"	3/8 (10)	4.2 (119)	10 (255)	16 (407)	3.5 (1.6)	<b>84</b>
<b>SM-6X-6300</b>	12,000	1-5/32 x 21-1/4 (30 x 540)	1/4"	3/8 (10)	4.2 (119)	10 (255)	16.5 (420)	5.0 (2.3)	<b>84</b>

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Belt Sanders & Kit



**SM-6W-6203**

10mm Belt Sander - 10 mm x 330 mm



**SM-6T-6202**

20mm Belt Sander - 20 mm x 520 mm

## Features:

- 4 pcs Interchangeable Contact Arms
- Kit Contents Both Normal Abrasive Belt and Surface Prep Belt
- Sanding **Track Adjustable**
- Safety Cover
- Comfort Grip
- Swivel Air Inlet
- **0.5 HP**

**SM-6Z-6103K**

Belt Sander Kit



**SM-6Z-6103**

Belt Sander



### Surface Prep Belts



Part No.  
**6U-6103PB15**

Surface Prep Belt (coarse)  
13mm x 12", #150 grit



Part No.  
**6U-6103PB30**

Surface Prep Belt (fine)  
13mm x 12", #300 grit

### Normal Abrasive Belts



Part No.  
**6U-6103060 (3 pcs)**

13mm x 12", #60 grit  
**6U-6103080 (3 pcs)**  
13mm x 12", #80 grit

**6U-6103120 (3 pcs)**

13mm x 12", #120 grit

**6X-6103060 (1 pc)**

6mm x 12", #60 grit

**6X-6103080 (1 pc)**

6mm x 12", #80 grit

**6X-6103120 (1 pc)**

6mm x 12", #120 grit

### Contact Arms



Part No.  
**6U-610341**

Belt Size : 1/2" x 12"  
(13 mm x 305 mm)



Part No.  
**6V-610341**

Belt Size : 1/4" or 1/2" x 12"  
(6 mm or 13 mm x 305 mm)



Part No.  
**6Y-610341**

Belt Size : 1/2" x 12"  
(13 mm x 305 mm)



Part No.  
**6X-610341**

Belt Size : 1/4" x 12"  
(6 mm x 305 mm)

## Specifications:

Model No.	Free Speed (RPM)	Belt Size Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
<b>SM-6W-6203</b>	20,000	3/8 x 13 (10 x 330)	1/4"	3/8 (10)	3.9 (110)	12 (305)	2.0 (0.9)
<b>SM-6T-6202</b>	18,000	3/4 x 20-1/2 (20 x 520)	1/4"	3/8 (10)	4.2 (119)	14.8 (376)	3.3 (1.5)
<b>SM-6Z-6103</b>	20,000	1/4 or 1/2 x 12 (6 or 13 x 305)	1/4"	3/8 (10)	3.9 (110)	11.4 (289)	2.2 (1.0)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

## Features:

- 4 Interchangeable Contact Arms
- Use Both Normal Abrasive Belt and Surface Prep Belt
- Comfort Grip
- Silencer For Lower Noise
- Swivel Air Inlet

### SM-6Z-6104K

Belt Sander Kit



### SM-6Z-6104

Belt Sander



#### Contact Arms



Part No.  
**6U-610341**  
Belt Size : 1/2" x 12"  
(13 mm x 305 mm)



Part No.  
**6V-610341**  
Belt Size : 1/4" or 1/2" x 12"  
(6 mm or 13 mm x 305 mm)



Part No.  
**6Y-610341**  
Belt Size : 1/2" x 12"  
(13 mm x 305 mm)



Part No.  
**6X-610341**  
Belt Size : 1/4" x 12"  
(6 mm x 305 mm)

#### Surface Prep Belts



Part No.  
**6U-6103PB15**  
Surface Prep Belt (coarse)  
13mm x 12", #150 grit



Part No.  
**6U-6103PB30**  
Surface Prep Belt (fine)  
13mm x 12", #300 grit

#### Normal Abrasive Belts



Part No.  
**6U-6103060 (3 pcs)**  
13mm x 12", #60 grit  
**6U-6103080 (3 pcs)**  
13mm x 12", #80 grit

**6U-6103120 (3 pcs)**  
13mm x 12", #120 grit

**6X-6103060 (1 pc)**  
6mm x 12", #60 grit

**6X-6103080 (1 pc)**  
6mm x 12", #80 grit

**6X-6103120 (1 pc)**  
6mm x 12", #120 grit

## Specifications:

Model No.	Free Speed (RPM)	Belt Size Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
<b>SM-6Z-6104</b>	20,000	1/4 or 1/2 x 12 (6 or 13 x 305)	1/4"	3/8 (10)	4.2 (119)	12.3 (313)	2.2 (1.0)	<b>84</b>

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

## Features:

- 6 Interchangeable Contact Arms
- Use Both Normal Abrasive Belt and Surface Prep Belt
- Dead Handle For Easy Operation
- Comfort Grip
- Silencer For Lower Noise
- Swivel Air Inlet

## SM-6Z-6201

Belt Sander



## SM-6Z-6201K

Belt Sander Kit



### Sanding on Curve Surface



### Surface Prep Belts



### Normal Abrasive Belts



Part No.

**SA-6S060AB** *Optional!*

25mm x 18", #60 grit

**SA-6S080AB** *Optional!*

25mm x 18", #80 grit

**SA-6T060AB**

20mm x 18", #60 grit

**SA-6T080AB**

20mm x 18", #80 grit

**SA-6U080AB**

13mm x 18", #80 grit

**SA-6U120AB**

13mm x 18", #120 grit

**SA-6V120AB**

10mm x 18", #120 grit

**SA-6V150AB**

10mm x 18", #150 grit

**SA-6X150AB**

6mm x 18", #150 grit

### Contact Arms



*Optional!*

Part No.

**SA-6S6201**

Belt Size : 1" x 18"  
(25 mm x 457 mm)



Part No.

**SA-6T6201**

Belt Size : 5/8" or 3/4" x 18"  
(16 mm or 20 mm x 457 mm)



Part No.

**SA-6U6201**

Belt Size : 3/4" x 18"  
(20 mm x 457 mm)



Part No.

**SA-6V6201**

Belt Size : 1/8", 1/4", 3/8" or 1/2" x 18"  
(3, 6, 10 or 13 x 457 mm)



Part No.

**SA-6W6201**

Belt Size : 1/2" x 18"  
(13 mm x 457 mm)



Part No.

**SA-6X6201**

Belt Size : 1/4" x 18"  
(6 mm x 457 mm)

### Surface Prep Belts



Part No.

**SA-6T080PB**

Surface Prep Belt (coarse)  
20mm x 18", #80 grit



Part No.

**SA-6U300PB**

Surface Prep Belt (fine)  
13mm x 18", #300 grit

## Specifications:

Model No.	Free Speed (RPM)	Belt Size Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-6Z-6201	18,000	1/4 ~ 1 (6 ~ 25)	1/4"	3/8 (10)	4.5 (119)	15.4 (390)	3.1 (1.4)	84

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Versatility Belt Sander

## Features:

- Quick and Easy Belt Change
- Belt Tracking Permits Use of 1/4" or 1/2" Wide x 24" Long Abrasive Belts
- Lightweight Composite Belt Guard
- Composite Motor Housing



## SM-6Z-6105

Versatility Belt Sander



## Specifications:

Model No.	Free Speed (RPM)	Belt Size Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
<b>SM-6Z-6105</b>	20,000	1/4 & 1/2 (6 & 13) W x 24 (610) L	1/4"	3/8 (10)	4.2 (119)	15.7 (400)	3 (1.36)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Auto Shut-Off Screwdrivers & Angle Nutrunners

## Features:

- **Oil Free** Air Motor
- **1,000,000** Cycles Life Time
- Power of The Motor : **150** Watt

### SM-EP-0205T

Auto Shut-Off Screwdriver (150 RPM )

### SM-EP-0705T

Auto Shut-Off Screwdriver (650 RPM )

### SM-EP-1005T

Auto Shut-Off Screwdriver (950 RPM)

### SM-EP-1404T

Auto Shut-Off Screwdriver (1,400 RPM)



### SM-EL-0207L

Auto Shut-Off Angle Nutrunner (150 RPM)  
- Lever Start

### SM-EL-0705L

Auto Shut-Off Angle Nutrunner (650 RPM)  
- Lever Start

### SM-EL-1004L

Auto Shut-Off Angle Nutrunner (950 RPM)  
- Lever Start

### SM-EL-1403L

Auto Shut-Off Angle Nutrunner (1,400 RPM)  
- Lever Start



## Specifications:

Model No.	Free Speed (RPM)	Air Inlet (NPT)	Torque Range In-lbs (Nm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-EP-0205T	150	1/4"	3.5~44.3 (0.4~5)	1.8 (51)	7.5 (191)	1.79 (0.81)	71
SM-EP-0705T	650	1/4"	3.5~44.3 (0.4~5)	1.8 (51)	7 (178)	1.59 (0.72)	71
SM-EP-1005T	950	1/4"	3.5~39.8 (0.4~4.5)	1.8 (51)	7 (178)	1.59 (0.72)	71
SM-EP-1404T	1,400	1/4"	3.5~31 (0.4~3.5)	1.8 (51)	7 (178)	1.59 (0.72)	71
SM-EL-0207L	150	1/4"	7.1~44.3 (0.8~5)	1.6 (46)	11.3 (288)	1.65 (0.75)	73
SM-EL-0705L	650	1/4"	7.1~44.3 (0.8~5)	1.6 (46)	10.9 (276)	1.54 (0.7)	73
SM-EL-1004L	950	1/4"	7.1~35.4 (0.8~4)	1.6 (46)	10.9 (276)	1.54 (0.7)	73
SM-EL-1403L	1,400	1/4"	7.1~26.6 (0.8~3)	1.6 (46)	10.9 (276)	1.54 (0.7)	73

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

## Features:

- **Oil Free** Air Motor
- **1,000,000** Cycles Life Time
- Power of The Motor : **150** Watt

### SM-ES-0205L

Auto Shut-Off Screwdriver (150 RPM)  
- Lever Start

### SM-ES-0705L

Auto Shut-Off Screwdriver (650 RPM)  
- Lever Start

### SM-ES-1005L

Auto Shut-Off Screwdriver (950 RPM)  
- Lever Start

### SM-ES-1404L

Auto Shut-Off Screwdriver (1,400 RPM)  
- Lever Start



### SM-ES-0205P

Auto Shut-Off Screwdriver (150 RPM)  
- Push Start

### SM-ES-0705P

Auto Shut-Off Screwdriver (650 RPM)  
- Push Start

### SM-ES-1005P

Auto Shut-Off Screwdriver (950 RPM)  
- Push Start

### SM-ES-1404P

Auto Shut-Off Screwdriver (1,400 RPM)  
- Push Start



## Specifications:

Model No.	Free Speed (RPM)	Air Inlet (NPT)	Torque Range In-lbs (Nm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-ES-0205L	150	1/4"	3.5~44.3 (0.4~5)	1.6 (46)	9.4 (240)	1.34 (0.61)	73
SM-ES-0705L	650	1/4"	3.5~44.3 (0.4~5)	1.6 (46)	9 (228)	1.32 (0.6)	73
SM-ES-1005L	950	1/4"	3.5~39.8 (0.4~4.5)	1.6 (46)	9 (228)	1.32 (0.6)	73
SM-ES-1404L	1,400	1/4"	3.5~31 (0.4~3.5)	1.6 (46)	9 (228)	1.32 (0.6)	73
SM-ES-0205P	150	1/4"	3.5~44.3 (0.4~5)	1.6 (46)	9.5 (241)	1.48 (0.67)	73
SM-ES-0705P	650	1/4"	3.5~44.3 (0.4~5)	1.6 (46)	9 (229)	1.3 (0.59)	73
SM-ES-1005P	950	1/4"	3.5~39.8 (0.4~4.5)	1.6 (46)	9 (229)	1.3 (0.59)	73
SM-ES-1404P	1,400	1/4"	3.5~31 (0.4~3.5)	1.6 (46)	9 (229)	1.3 (0.59)	73

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

## Features:

- **Oil-Free** Air Motor
- **1,000,000** Cycles Life Time
- Power of The Motor : **260** Watt

### SM-BP-0412T

Auto Shut-Off Screwdriver (400 RPM)

### SM-BP-0810T

Auto Shut-Off Screwdriver (800 RPM)

### SM-BP-1008T

Auto Shut-Off Screwdriver (1,000 RPM)

### SM-BP-1305T

Auto Shut-Off Screwdriver (1,300 RPM)

### SM-BP-2004T

Auto Shut-Off Screwdriver (2,000 RPM)



## Specifications:

Model No.	Free Speed (RPM)	Air Inlet (NPT)	Torque Range In-lbs (Nm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-BP-0412T	400	1/4"	31~106.2 (3.5~12)	2.1 (59)	8.3 (210)	2.3 (1.1)	73
SM-BP-0810T	800	1/4"	31~84.1 (3.5~9.5)	2.1 (59)	8.3 (210)	2.3 (1.1)	73
SM-BP-1008T	1,000	1/4"	31~70.8 (3.5~8)	2.1 (59)	8.3 (210)	2.3 (1.1)	73
SM-BP-1305T	1,300	1/4"	3.5~44.3 (0.4~5)	2.1 (59)	7.7 (195)	2.1 (1)	73
SM-BP-2004T	2,000	1/4"	3.5~35.4 (0.4~4)	2.1 (59)	7.7 (195)	2.1 (1)	73

\* Recommended Air Pressure at 90 PSI (6.2 Bar)



# Auto Shut-Off Screwdrivers & Angle Nutrunners

## Features:

- **Oil-Free** Air Motor
- **1,000,000** Cycles Life Time
- Power of The Motor : **260** Watt

### SM-BS-0412L

Auto Shut-Off Screwdriver (400 RPM)  
- Lever Start

### SM-BS-1008L

Auto Shut-Off Screwdriver (1,000 RPM)  
- Lever Start

### SM-BS-2004L

Auto Shut-Off Screwdriver (2,000 RPM)  
- Lever Start

### SM-BS-0810L

Auto Shut-Off Screwdriver (850 RPM)  
- Lever Start

### SM-BS-1405L

Auto Shut-Off Screwdriver (1,350 RPM)  
- Lever Start

Lever Start



### SM-BS-0412P

Auto Shut-Off Screwdriver (400 RPM)  
- Push Start

### SM-BS-1008P

Auto Shut-Off Screwdriver (1,000 RPM)  
- Push Start

### SM-BS-2004P

Auto Shut-Off Screwdriver (2,000 RPM)  
- Push Start

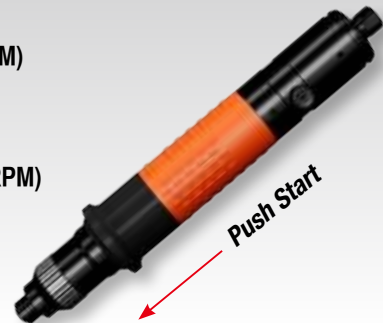
### SM-BS-0810P

Auto Shut-Off Screwdriver (850 RPM)  
- Push Start

### SM-BS-1405P

Auto Shut-Off Screwdriver (1,350 RPM)  
- Push Start

Push Start



### SM-CL-0426L

Auto Shut-Off Angle Nutrunner (350 RPM)  
- Lever Start



## Specifications:

Model No.	Free Speed (RPM)	Air Inlet (NPT)	Torque Range In-lbs (Nm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-BS-0412L	400	1/4"	31~106.2 (3.5~12)	1.8 (51)	10.7 (271)	2.05 (0.93)	75
SM-BS-0810L	850	1/4"	31~84.1 (3.5~9.5)	1.8 (51)	10.7 (271)	2.05 (0.93)	75
SM-BS-1008L	1,000	1/4"	31~70.8 (3.5~8)	1.8 (51)	10.7 (271)	2.05 (0.93)	75
SM-BS-1405L	1,350	1/4"	3.5~44.3 (0.4~5)	1.8 (51)	9.9 (251)	1.87 (0.85)	75
SM-BS-2004L	2,000	1/4"	3.5~35.4 (0.4~4)	1.8 (51)	9.9 (251)	1.87 (0.85)	75
SM-BS-0412P	400	1/4"	31~106.2 (3.5~12)	1.8 (51)	10.7 (272)	2 (0.9)	75
SM-BS-0810P	850	1/4"	31~84.1 (3.5~9.5)	1.8 (51)	10.7 (272)	2 (0.9)	75
SM-BS-1008P	1,000	1/4"	31~70.8 (3.5~8)	1.8 (51)	10.7 (272)	2 (0.9)	75
SM-BS-1405P	1,350	1/4"	3.5~44.3 (0.4~5)	1.8 (51)	9.9 (252)	1.8 (0.8)	75
SM-BS-2004P	2,000	1/4"	3.5~35.4 (0.4~4)	1.8 (51)	9.9 (252)	1.8 (0.8)	75
SM-CL-0426L	350	1/4"	101.8~230.1 (11.5~26)	3 (85)	13 (331)	3.19 (1.45)	75

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Auto Shut-Off Screwdrivers

## Features:

- Pistol Version with Air On Top
- with 2 Extra Springs for Different Torque
- Reversible
- Rear Exhaust
- Built-in Cushion Grip
- **Low Noise 83 dB(A)**



▲ Operation of Auto Shut-Off Screwdriver



▲ Operation of Auto Shut-Off Screwdriver



Air On Top



Adjustable Torque

### SM-AS004

Auto Shut-off Screwdriver (600 RPM)

### SM-AS104

Auto Shut-off Screwdriver (1,000 RPM)

### SM-AS204

Auto Shut-off Screwdriver (1,800 RPM)

### SM-AS304

Auto Shut-off Screwdriver (2,300 RPM)



Torque Springs			
Spring Color	Torque Range		tensionCode Number
	In-lbs	Nm	
Yellow	10~38	1.1~4.3	AS000149-11
Black	5~19	0.6~2.1	AS000149-12
Green	2~8	0.23~0.9	AS000149-13

## Accessories (Optional):



AS000149-11SUB

Cam Assembly  
Torque Range : 10~38 In-lbs



AS000149-12SUB

Cam Assembly  
Torque Range : 5~19 In-lbs



AS000149-13SUB

Cam Assembly  
Torque Range : 2~8 In-lbs

▼ Adjusting springs of three different tensions are available for adjustment of torque



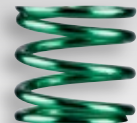
AS000149-11

Strong Spring (ø 3.5 mm)  
(Good for SM-AS004, SM-AS104)



AS000149-12

Medium Spring (ø 2.8 mm)  
(Good for SM-AS204)



AS000149-13

Light Spring (ø 2.0 mm)

## Specifications:

Model No.	Free Speed (RPM)	Torque Range In-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-AS004	600	4~45 (0.5~5.1)	1/4"	3/8 (10)	4 (113)	8.9 (225)	2.0 (0.9)	83
SM-AS104	1,000	3~40 (0.3~4.5)	1/4"	3/8 (10)	4 (113)	8.5 (216)	2.0 (0.9)	83
SM-AS204	1,800	3~26 (0.3~2.9)	1/4"	3/8 (10)	4 (113)	8.7 (220)	2.0 (0.9)	83
SM-AS304	2,300	3~26 (0.3~2.9)	1/4"	3/8 (10)	4 (113)	8.5 (215)	2.0 (0.9)	83

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Auto Shut-Off Screwdrivers

## Features:

- with 2 Extra Springs for Different Torque
- Built-in Cushion Grip
- Reversible
- Rear Exhaust
- **Low Noise 83 dB(A)**

### Accessories (Optional):



**AS000149-11SUB**  
Cam Assembly  
Torque Range : 10~38 In-lbs



**AS000149-12SUB**  
Cam Assembly  
Torque Range : 5~19 In-lbs



**AS000149-13SUB**  
Cam Assembly  
Torque Range : 2~8 In-lbs



**AS000149-11**  
Strong Spring (ø 3.5 mm)  
(Good for SM-AS004, SM-AS104)



**AS000149-11**  
Medium Spring (ø 2.8 mm)  
(Good for SM-AS204)



**AS000149-13**  
Light Spring (ø 2.0 mm)

## SM-AS002 / SM-AS102 / SM-AS202

Auto Shut-off Screwdriver (600 / 1,000 / 1,800 RPM)



## SM-AS002A / SM-AS102A / SM-AS202A

Auto Shut-off Screwdriver (600 / 1,000 / 1,800 RPM)



## SM-AS005 / SM-AS105 / SM-AS205 / SM-AS305

Auto Shut-off Screwdriver (650 / 1,100 / 1,800 / 2,300 RPM)



## Specifications:

Model No.	Free Speed (RPM)	Torque Range In-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
<b>SM-AS002 / SM-AS002A</b>	600	4~45 (0.5~5.1)	1/4"	3/8 (10)	4 (113)	8.7 (222)	1.98 (0.9)	<b>83</b>
<b>SM-AS102 / SM-AS102A</b>	1,000	3~40 (0.3~4.5)	1/4"	3/8 (10)	4 (113)	8.3 (212)	1.98 (0.9)	<b>83</b>
<b>SM-AS202 / SM-AS202A</b>	1,800	3~26 (0.3~2.9)	1/4"	3/8 (10)	4 (113)	8.6 (218)	1.98 (0.9)	<b>83</b>
<b>SM-AS005</b>	650	4~45 (0.5~5.1)	1/4"	3/8 (10)	4 (113)	9.3 (237)	1.54 (0.7)	<b>83</b>
<b>SM-AS105</b>	1,100	3~40 (0.3~4.5)	1/4"	3/8 (10)	4 (113)	8.9 (227)	1.54 (0.7)	<b>83</b>
<b>SM-AS205</b>	1,800	3~26 (0.3~2.9)	1/4"	3/8 (10)	4 (113)	9.1 (232)	1.54 (0.7)	<b>83</b>
<b>SM-AS305</b>	2,500	3~26 (0.3~2.9)	1/4"	3/8 (10)	4 (113)	8.9 (227)	1.54 (0.7)	<b>83</b>

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# 1/4" Air Screwdrivers

## Features:

- Ergonomic Handle Design
- **Variable Speed Trigger**
- **Forward and Reverse Control on Top**
- Built-in Comfort Grip
- Rotating Air Inlet
- Handle Exhaust

### SM-88-7251

1/4" Air Screwdriver (1,800 RPM)  
- Direct Drive



### SM-89-7251

1/4" Air Screwdriver (800 RPM)  
- Direct Drive



## Features:

- Ergonomic Handle Design
- **Variable Speed Trigger**
- **Built-in Comfort Grip**
- Forward and Reverse Control Bar
- Handle Exhaust

### SM-88-8225

1/4" Air Screwdriver (1,800 RPM)  
- Direct Drive



### SM-89-8225

1/4" Air Screwdriver (800 RPM)  
- Direct Drive



### SM-88-8020

1/4" Air Screwdriver (1,800 RPM)  
- Direct Drive



### SM-89-8020

1/4" Air Screwdriver (800 RPM)  
- Direct Drive



## Specifications:

Model No.	Free Speed (RPM)	Hex Drive Capacity (Inch)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SM-88-7251	1,800	1/4	1/4"	3/8 (10)	4 (113)	7.2 (182)	2.4 (1.1)
SM-89-7251	800	1/4	1/4"	3/8 (10)	4 (113)	7.9 (200)	2.9 (1.3)
SM-88-8225	1,800	1/4	1/4"	3/8 (10)	4 (113)	6.8 (172)	2.4 (1.1)
SM-89-8225	800	1/4	1/4"	3/8 (10)	4 (113)	7.9 (200)	2.9 (1.3)
SM-88-8020	1,800	1/4	1/4"	3/8 (10)	4 (113)	7.1 (180)	2.2 (1)
SM-89-8020	800	1/4	1/4"	3/8 (10)	4 (113)	8 (202)	2.6 (1.2)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# 1/4" Air Screwdrivers

## Features:

- **Composite Motor Housing Double Injection**
- Planetary Gear System with Needle Bearings (Option)
- Reversing Bar on the Both Sides
- **Two Speed Trigger**  
(Slow speed when pulled halfway)
- **Patented Silencer 83 dB(A)**
- **0.5 HP**

### SM-88-7253P

1/4" Air Screwdriver (1,800 RPM)  
- Direct Drive



### SM-89-7253P

1/4" Air Screwdriver (800 RPM)  
- Direct Drive



## Features:

- **Composite Motor Housing**
- Planetary Gear System with Needle Bearings (Option)
- Reversing Bar on the Both Sides
- **Two Speed Trigger**  
(Slow speed when pulled halfway)
- **Patented Silencer 83 dB(A)**
- **0.5 HP**

### SM-88-7254P

1/4" Air Screwdriver (1,800 RPM)  
- Direct Drive



### SM-89-7254P

1/4" Air Screwdriver (800 RPM)  
- Direct Drive



## Specifications:

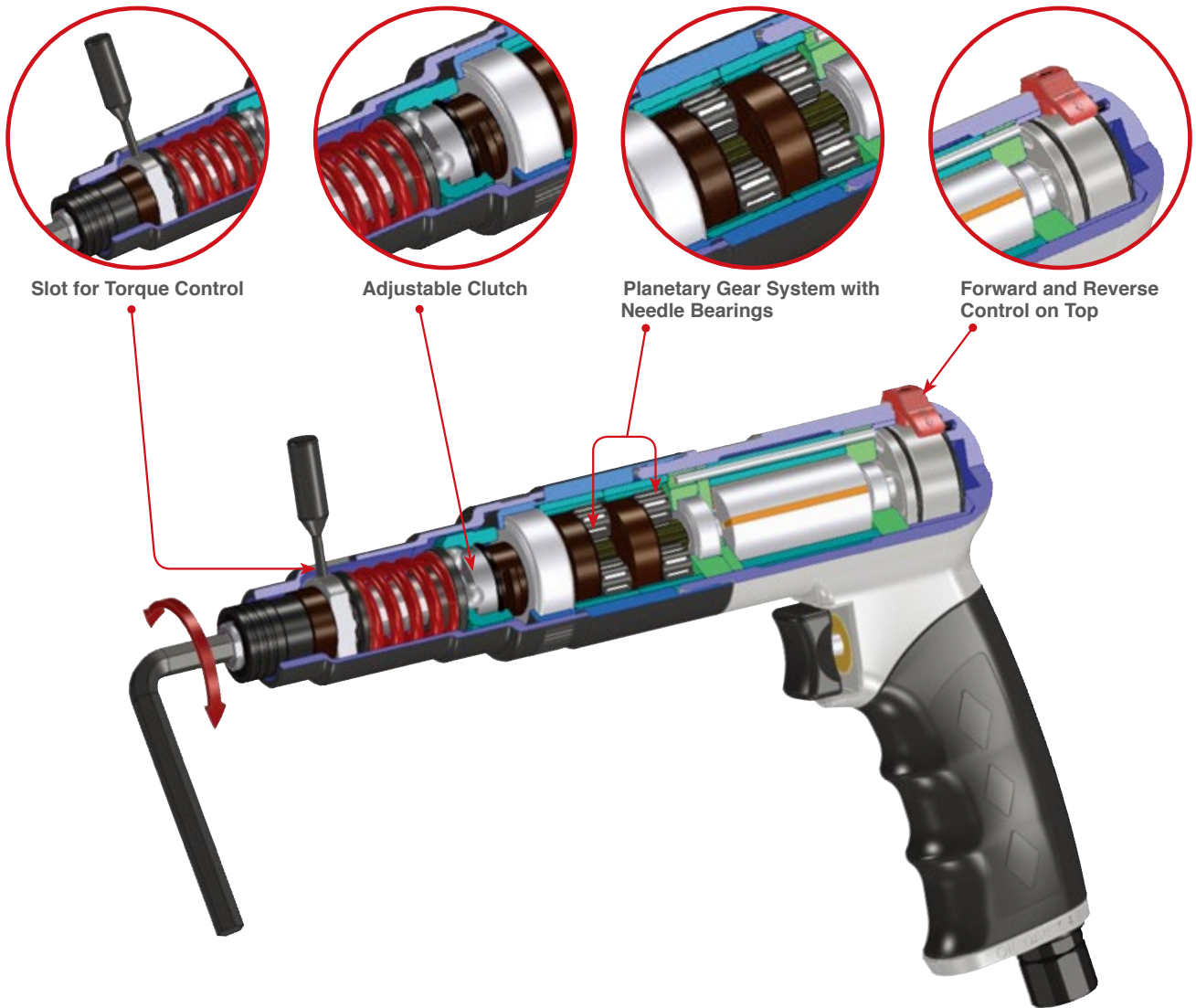
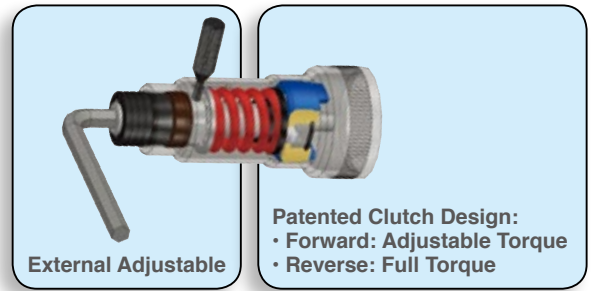
Model No.	Free Speed (RPM)	Hex Drive Capacity (Inch)	Torque In-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-88-7253P	1,800	1/4	52 (6)	1/4"	3/8 (10)	4 (113)	7.2 (182)	2.4 (1.1)	83
SM-89-7253P	800	1/4	130 (15)	1/4"	3/8 (10)	4 (113)	7.9 (200)	2.8 (1.3)	83
SM-88-7254P	1,800	1/4	52 (6)	1/4"	3/8 (10)	4 (113)	7.2 (182)	2.4 (1.1)	83
SM-89-7254P	800	1/4	130 (15)	1/4"	3/8 (10)	4 (113)	7.9 (200)	2.8 (1.3)	83

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# 1/4" Industrial Air Screwdrivers

## Features:

- **External Adjustable**
- **Forward: Adjustable Torque**  
**Reverse: Full Torque**
- Planetary Gear System with Needle Bearings (Option)
- Variable Speed Trigger
- Muffler in Handle



# 1/4" Industrial Air Screwdrivers

## Features:

- **Cushion Clutch with External Clutch Adjustment**
- **Forward : Adjustable Torque**  
**Reverse : Full Torque**
- **Composite Motor Housing**
- **Low Noise 83 dB(A)**
- Planetary Gear System with Needle Bearings (Option)
- Reversing Bar on Both Sides
- Two Speed Trigger (Slow speed when pulled halfway)
- **0.5 HP**

*Quiet Series*

### SM-82-7253P

1/4" Air Screwdriver (1,800 RPM)  
- Adjustable Clutch



### SM-83-7253P

1/4" Air Screwdriver (800 RPM)  
- Adjustable Clutch



### SM-84-7253P

1/4" Air Screwdriver (1,800 RPM)  
- Positive Clutch



### SM-86-7253P

1/4" Air Screwdriver (800 RPM)  
- Positive Clutch



### SM-82-7253PF

1/4" Air Screwdriver (1,800 RPM)  
- External Adjustable Clutch



▲ External Adjustable

### SM-83-7253PF

1/4" Air Screwdriver (800 RPM)  
- External Adjustable Clutch



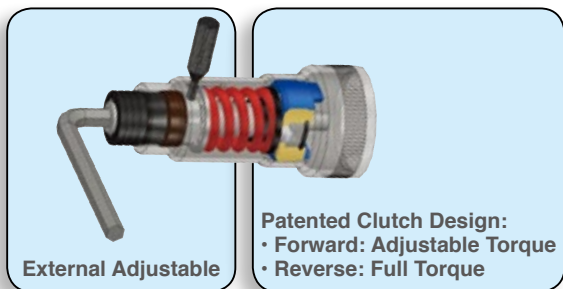
▲ External Adjustable

## Specifications:

Model No.	Free Speed (RPM)	Hex Drive Capacity (Inch)	Torque In-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-82-7253P	1,800	1/4	30~70 (3~8)	1/4"	3/8 (10)	4 (113)	8.2 (208)	2.2 (1.0)	83
SM-83-7253P	800	1/4	30~95 (3~11)	1/4"	3/8 (10)	4 (113)	9 (228)	2.6 (1.2)	83
SM-84-7253P	1,800	1/4	115 (13)	1/4"	3/8 (10)	4 (113)	7.7 (196)	2.2 (1.0)	83
SM-86-7253P	800	1/4	145 (16)	1/4"	3/8 (10)	4 (113)	7.9 (200)	2.4 (1.1)	83
SM-82-7253PF	1,800	1/4	20~50 (2~6)	1/4"	3/8 (10)	4 (113)	8.2 (208)	2.2 (1.0)	83
SM-83-7253PF	800	1/4	45~80 (5~9)	1/4"	3/8 (10)	4 (113)	9 (228)	2.6 (1.2)	83

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# 1/4" Industrial Air Screwdrivers



**#802F37-11**

Red Spring (ø 3.2 mm)  
Torque Range : 20~50 In-lbs



**#802F37-12**

Blue Spring (ø 3.5 mm)  
Torque Range : 40~85 In-lbs

▲ Adjusting springs of 2 different tensions are available for external adjustment of torque.

## SM-82-7254P

1/4" Air Screwdriver (1,800 RPM)  
- Adjustable Clutch



## SM-83-7254P

1/4" Air Screwdriver (800 RPM)  
- Adjustable Clutch



## SM-84-7254P

1/4" Air Screwdriver (1,800 RPM)  
- Positive Clutch



## SM-86-7254P

1/4" Air Screwdriver (800 RPM)  
- Positive Clutch



## SM-82-7254PF

1/4" Air Screwdriver (1,800 RPM)  
- External Adjustable Clutch



▲ External Adjustable

## SM-83-7254PF

1/4" Air Screwdriver (800 RPM)  
- External Adjustable Clutch



▲ External Adjustable

### Specifications:

Model No.	Free Speed (RPM)	Hex Drive Capacity (Inch)	Torque In-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-82-7254P	1,800	1/4	30~70 (3~8)	1/4"	3/8 (10)	4 (113)	8.2 (208)	2.2 (1.0)	83
SM-83-7254P	800	1/4	30~95 (3~11)	1/4"	3/8 (10)	4 (113)	9 (228)	2.6 (1.2)	83
SM-84-7254P	1,800	1/4	115 (13)	1/4"	3/8 (10)	4 (113)	7.7 (196)	2.2 (1.0)	83
SM-86-7254P	800	1/4	145 (16)	1/4"	3/8 (10)	4 (113)	7.9 (200)	2.4 (1.1)	83
SM-82-7254PF	1,800	1/4	20~50 (2~6)	1/4"	3/8 (10)	4 (113)	7.7 (196)	2.2 (1.0)	83
SM-83-7254PF	800	1/4	40~85 (5~9)	1/4"	3/8 (10)	4 (113)	8.4 (214)	2.6 (1.2)	83

\* Recommended Air Pressure at 90 PSI (6.2 Bar)



# 1/4" Industrial Air Screwdrivers

## Features:

- **Ergonomic Handle Design**
- **Variable Speed Trigger**
- Planetary Gear System with Needle Bearings (Option)
- Built-in Comfort Grip
- Forward and Reverse Control on Top & Painted in Red
- Rotating Air Inlet
- Handle Exhaust
- **Low Noise 83 dB(A)**

*Quiet Series*



**SM-82-7251**  
1/4" Air Screwdriver (1,800 RPM)  
- Adjustable Clutch



**SM-83-7251**  
1/4" Air Screwdriver (800 RPM)  
- Adjustable Clutch



**SM-84-7251**  
1/4" Air Screwdriver (1,800 RPM)  
- Positive Clutch



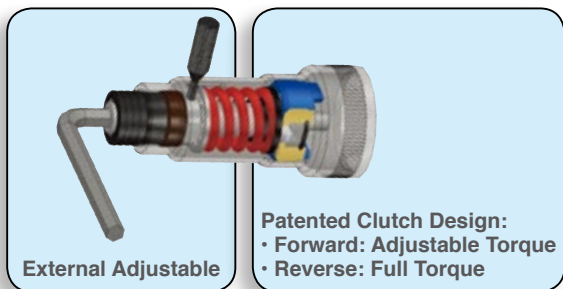
**SM-86-7251**  
1/4" Air Screwdriver (800 RPM)  
- Positive Clutch

## Specifications:

Model No.	Free Speed (RPM)	Hex Drive Capacity (Inch)	Torque In-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
<b>SM-82-7251</b>	1,800	1/4	30~70 (3~8)	1/4"	3/8 (10)	4 (113)	7.7 (196)	2.9 (1.3)	<b>83</b>
<b>SM-83-7251</b>	800	1/4	30~95 (3~11)	1/4"	3/8 (10)	4 (113)	8.4 (214)	3.1 (1.4)	<b>83</b>
<b>SM-84-7251</b>	1,800	1/4	115 (13)	1/4"	3/8 (10)	4 (113)	7.2 (182)	2.6 (1.2)	<b>83</b>
<b>SM-86-7251</b>	800	1/4	145 (16)	1/4"	3/8 (10)	4 (113)	7.4 (188)	3.5 (1.6)	<b>83</b>

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# 1/4" Industrial Air Screwdrivers



**#802F37-11**  
Red Spring (ø 3.2 mm)  
Torque Range : 20~50 In-lbs



**#802F37-12**  
Blue Spring (ø 3.5 mm)  
Torque Range : 40~85 In-lbs

▲ Adjusting springs of 2 different tensions are available for external adjustment of torque.

## SM-82-7251F

1/4" Air Screwdriver (1,800 RPM)  
- External Adjustable Clutch



▲ External Adjustable



## SM-83-7251F

1/4" Air Screwdriver (800 RPM)  
- External Adjustable Clutch



▲ External Adjustable



## SM-80-7251

1/4" Air Screwdriver (1,800 RPM)  
- External Adjustable Clutch



▲ External Adjustable



## SM-85-7251

1/4" Air Screwdriver (800 RPM)  
- External Adjustable Clutch



▲ External Adjustable



## SM-81-7251

1/4" Air Screwdriver (1,800 RPM)  
- External Adjustable Clutch

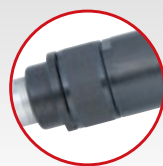


▲ External Adjustable



## SM-87-7251

1/4" Air Screwdriver (800 RPM)  
- External Adjustable Clutch



▲ External Adjustable



### Specifications:

Model No.	Free Speed (RPM)	Hex Drive Capacity (Inch)	Torque In-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-82-7251F	1,800	1/4	20~50 (2~6)	1/4"	3/8 (10)	4 (113)	7.7 (196)	2.9 (1.3)	83
SM-83-7251F	800	1/4	40~85 (5~10)	1/4"	3/8 (10)	4 (113)	8.4 (214)	3.1 (1.4)	83
SM-80-7251	1,800	1/4	20~62 (2~7)	1/4"	3/8 (10)	4 (113)	8.8 (224)	3.3 (1.5)	83
SM-85-7251	800	1/4	20~100 (2~11)	1/4"	3/8 (10)	4 (113)	9.5 (242)	3.5 (1.6)	83
SM-81-7251	1,800	1/4	26~71 (3~8)	1/4"	3/8 (10)	4 (113)	7.7 (196)	3.2 (1.45)	83
SM-87-7251	800	1/4	44~100 (5~11)	1/4"	3/8 (10)	4 (113)	8.4 (214)	3.5 (1.6)	83

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# 1/4" Industrial Air Screwdrivers

## Features:

- **Ergonomic Handle Design**
- **Variable Speed Trigger**
- Planetary Gear System with Needle Bearings (Option)
- Built-in Comfort Grip
- Handle Exhaust
- **Low Noise 83 dB(A)**



**SM-8225**  
1/4" Air Screwdriver (1,800 RPM)  
- Adjustable Clutch



**SM-8235**  
1/4" Air Screwdriver (800 RPM)  
- Adjustable Clutch



**SM-8245**  
1/4" Air Screwdriver (1,800 RPM)  
- Positive Clutch



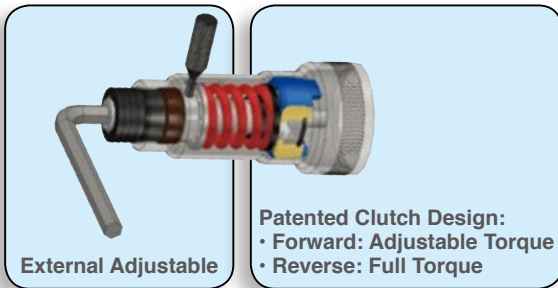
**SM-8265**  
1/4" Air Screwdriver (800 RPM)  
- Positive Clutch

## Specifications:

Model No.	Free Speed (RPM)	Hex Drive Capacity (Inch)	Torque In-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
<b>SM-8225</b>	1,800	1/4	30~70 (3~8)	1/4"	3/8 (10)	4 (113)	7.8 (197)	2.6 (1.2)	<b>83</b>
<b>SM-8235</b>	800	1/4	30~95 (3~11)	1/4"	3/8 (10)	4 (113)	8.5 (216)	3 (1.4)	<b>83</b>
<b>SM-8245</b>	1,800	1/4	115 (13)	1/4"	3/8 (10)	4 (113)	7.2 (184)	2.8 (1.3)	<b>83</b>
<b>SM-8265</b>	800	1/4	145 (16)	1/4"	3/8 (10)	4 (113)	7.8 (197)	2.8 (1.3)	<b>83</b>

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# 1/4" Industrial Air Screwdrivers



**#802F37-11**  
Red Spring (ø 3.2 mm)  
Torque Range : 20~50 In-lbs



**#802F37-12**  
Blue Spring (ø 3.5 mm)  
Torque Range : 40~85 In-lbs

▲ Adjusting springs of 2 different tensions are available for external adjustment of torque.



## Specifications:

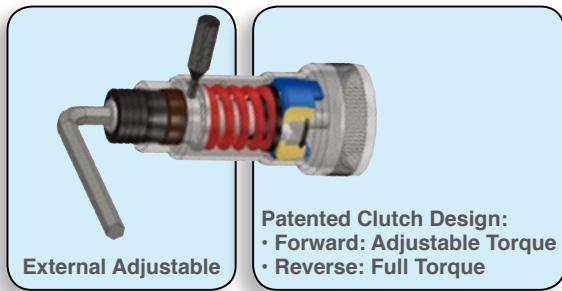
Model No.	Free Speed (RPM)	Hex Drive Capacity (Inch)	Torque In-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-8225F	1,800	1/4	20~50 (2~6)	1/4"	3/8 (10)	4 (113)	7.7 (196)	2.9 (1.3)	83
SM-8235F	800	1/4	40~85 (5~10)	1/4"	3/8 (10)	4 (113)	8.4 (214)	3 (1.4)	83
SM-9825	1,800	1/4	20~62 (2~7)	1/4"	3/8 (10)	4 (113)	8.7 (222)	3.3 (1.5)	83
SM-9835	800	1/4	20~100 (2~11)	1/4"	3/8 (10)	4 (113)	9.5 (241)	3.5 (1.6)	83

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# 1/4" Industrial Air Screwdrivers

## Features:

- **External Adjustable Clutch**
- **Forward: Adjustable Torque**  
**Reverse: Full Torque**
- Planetary Gear System with Needle Bearings (Option)
- **Low Noise 85 dB(A)**  
(SM-82-8423F & SM-83-8423F)



**#802F37-11**

Red Spring (ø 3.2 mm)  
Torque Range : 20~50 In-lbs



**#802F37-12**

Blue Spring (ø 3.5 mm)  
Torque Range : 40~85 In-lbs

▲ Adjusting springs of 2 different tensions are available for external adjustment of torque.



**SM-842F**

1/4" Straight Air Screwdriver (1,800 RPM)  
- External Adjustable Clutch

▲ External Adjustable



**SM-843F**

1/4" Straight Air Screwdriver (800 RPM)  
- External Adjustable Clutch

▲ External Adjustable



**SM-82-8423F**

1/4" Straight Air Screwdriver (1,800 RPM)  
- External Adjustable Clutch

▲ External Adjustable



**SM-83-8423F**

1/4" Straight Air Screwdriver (800 RPM)  
- External Adjustable Clutch

▲ External Adjustable

## Specifications:

Model No.	Free Speed (RPM)	Hex Drive Capacity (Inch)	Torque In-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
<b>SM-842F</b>	1,800	1/4	20~50 (2~6)	1/4"	3/8 (10)	4 (113)	9.6 (244)	2.4 (1.1)	<b>90</b>
<b>SM-843F</b>	800	1/4	40~85 (5~10)	1/4"	3/8 (10)	4 (113)	10.2 (260)	2.6 (1.2)	<b>90</b>
<b>SM-82-8423F</b>	1,800	1/4	20~50 (2~6)	1/4"	3/8 (10)	4 (113)	10.0 (254)	2.6 (1.2)	<b>85</b>
<b>SM-83-8423F</b>	800	1/4	40~85 (5~10)	1/4"	3/8 (10)	4 (113)	10.7 (272)	3 (1.4)	<b>85</b>

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Composite Housing Series



*NEW*

# Impact Wrenches, Impact Driver, Screwdrivers

## Features:

- **Composite Motor Housing**
- Handle Exhaust

**SM-40-7500**  
1/4" Mini Impact Wrench



**SM-41-7500**  
3/8" Mini Impact Wrench



**SM-48-7500**  
1/4" Impact Driver



### Patent No.

US D727,706 S  
TW D159601 M510220  
Patent Pending in Multi-Countries

### Specifications:

Model No.	Free Speed (RPM)	Anvil (or Chuck) Size Inch (mm)	Maximum Torque Ft-lbs (Nm)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Average Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
<b>SM-40-7500</b>	12,000	1/4 (6)	75 (102)	25~70 (34-95)	1/4"	3/8 (10)	4 (113)	6.7 (170)	2.2 (1.0)
<b>SM-41-7500</b>	12,000	3/8 (10)	100 (136)	25~90 (34~122)	1/4"	3/8 (10)	4 (113)	6.9 (174)	2.2 (1.0)
<b>SM-48-7500</b>	12,000	1/4 (Hex)	75 (102)	25~40 (34~54)	1/4"	3/8 (10)	4 (113)	7.1 (181)	2.2 (1.0)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

## Features:

- **Composite Motor Housing**
- Planetary Gear System with Needle Bearings (Option)
- **Variable Speed Trigger**
- **0.5 HP**

**SM-88-7500**  
1/4" Air Screwdriver (1,800 RPM)  
- Direct Drive



**SM-89-7500**  
1/4" Air Screwdriver (800 RPM)  
- Direct Drive



### Patent No.

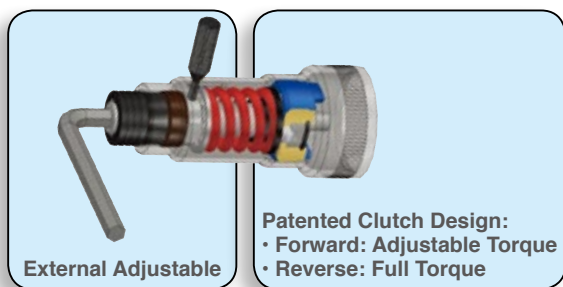
US D727,706 S  
TW D159601 M510220  
Patent Pending in Multi-Countries

### Specifications:

Model No.	Free Speed (RPM)	Hex Drive Capacity (Inch)	Torque In-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
<b>SM-88-7500</b>	1,800	1/4	52 (6)	1/4"	3/8 (10)	4 (113)	7.1 (181)	2.0 (0.9)
<b>SM-89-7500</b>	800	1/4	130 (15)	1/4"	3/8 (10)	4 (113)	7.8 (199)	2.4 (1.1)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Screwdrivers



▼ Adjusting springs of 2 different tensions are available for external adjustment of torque.



**#802F37-11**

Red Spring (ø 3.2 mm)  
Torque Range : 20~50 In-lbs



**#802F37-12**

Blue Spring (ø 3.5 mm)  
Torque Range : 40~85 In-lbs

**Patent No.**

US D727,706 S  
TW D159601 M510220  
Patent Pending in Multi-Countries

## SM-82-7500

1/4" Air Screwdriver (1,800 RPM)  
- Adjustable Clutch



## SM-83-7500

1/4" Air Screwdriver (800 RPM)  
- Adjustable Clutch



## SM-84-7500

1/4" Air Screwdriver (1,800 RPM)  
- Positive Clutch



## SM-86-7500

1/4" Air Screwdriver (800 RPM)  
- Positive Clutch



## SM-82-7500F

1/4" Air Screwdriver (1,800 RPM)  
- External Adjustable Clutch



▲ External Adjustable



## SM-83-7500F

1/4" Air Screwdriver (800 RPM)  
- External Adjustable Clutch



▲ External Adjustable



### Specifications:

Model No.	Free Speed (RPM)	Hex Drive Capacity (Inch)	Torque In-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SM-82-7500	1,800	1/4	30~70 (3~8)	1/4"	3/8 (10)	4 (113)	8.3 (210)	2.4 (1.1)
SM-83-7500	800	1/4	30~95 (3~11)	1/4"	3/8 (10)	4 (113)	9 (229)	2.6 (1.2)
SM-84-7500	1,800	1/4	115 (13)	1/4"	3/8 (10)	4 (113)	7.4 (187)	2.2 (1.0)
SM-86-7500	800	1/4	145 (16)	1/4"	3/8 (10)	4 (113)	8.1 (205)	2.4 (1.1)
SM-82-7500F	1,800	1/4	20~50 (2~6)	1/4"	3/8 (10)	4 (113)	8.3 (210)	2.4 (1.1)
SM-83-7500F	800	1/4	40~85 (5~10)	1/4"	3/8 (10)	4 (113)	9 (229)	2.6 (1.2)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)



## Features:

- **Composite Motor Housing**
- **Variable Speed Trigger**
- Planetary Gear System with Needle Bearings (Option)
- **0.5 HP**



#10035-11  
3/8" Standard keyed chuck



#10035-12  
3/8" Standard keyless chuck



#10035-13  
3/8" Industrial keyed chuck



#10035-14  
3/8" Industrial keyless chuck



#75-725139-11S  
Side Handle



#822339-11S  
Side Handle



#10033-11  
1/2" Standard keyed chuck



#10033-12  
1/2" Standard keyless chuck



#10033-13  
1/2" Industrial keyed chuck



#10033-14  
1/2" Industrial keyless chuck

## Patent No.

US D727,706 S  
TW D159601 M510220  
Patent Pending in Multi-Countries

## Specifications:

Model No.	Free Speed (RPM)	Chuck Size Inch (mm)	Spindle Thread	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
<b>SM-75-7500-02</b>	2,000	3/8 (10)	3/8"-24	1/4"	3/8 (10)	4 (113)	7.7 (195)	2.2 (1.0)
<b>SM-74-7500-02</b>	800	1/2 (13)	3/8"-24	1/4"	3/8 (10)	4 (113)	8.6 (219)	2.9 (1.3)
<b>SM-77-7500-02</b>	400	1/2 (13)	3/8"-24	1/4"	3/8 (10)	4 (113)	9.1 (231)	3.3 (1.5)
<b>SM-71-7100-01</b>	2,200	3/8 (10)	3/8"-24	1/4"	3/8 (10)	4 (113)	7.4 (189)	2.2 (1.0)
<b>SM-76-7100-01</b>	2,600	3/8 (10)	3/8"-24	1/4"	3/8 (10)	4 (113)	7.3 (186)	2.2 (1.0)
<b>SM-73-7100-01</b>	500	1/2 (13)	3/8"-24	1/4"	3/8 (10)	4 (113)	9 (228)	3.3 (1.5)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

### SM-75-7500-02

3/8" Reversible Air Drill (2,000 RPM)  
- Standard Keyless Chuck

▶ Reversible



### SM-74-7500-02

1/2" Reversible Air Drill (800 RPM)  
- Standard Keyless Chuck

▼ Reversible



### SM-77-7500-02

1/2" Reversible Air Drill (400 RPM)  
- Standard Keyless Chuck

▼ Reversible



### SM-71-7100-01

3/8" Non-Reversible Air Drill (2,200 RPM)  
- Standard Keyed Chuck

▶ 2-Gears Type



### SM-76-7100-01

3/8" Non-Reversible Air Drill (2,600 RPM)  
- Standard Keyed Chuck

▶ 3-Gears Type



### SM-73-7100-01

1/2" Non-Reversible Air Drill (500 RPM)  
- Standard Keyed Chuck





**SUNMATCH**  
Professional Pneumatic Tools



# 1/4" Mini Air Drills

## Features:

- Full-Cage Gear Design for Better Durability
- Variable Speed Trigger
- Built-In Comfort Grip
- Front Exhaust



**SM-7281**  
1/4" Mini Air Drill (2,800 RPM)  
- Standard Keyed Chuck



**SM-78-7281R**  
1/4" Mini Reversible Air Drill (2,500 RPM)  
- Standard Keyed Chuck

## Features:

- Full-Cage Gear Design for Better Durability
- Variable Speed Trigger
- Built-In Comfort Grip
- Handle Exhaust



**SM-7282**  
1/4" Mini Air Drill (2,800 RPM)  
- Standard Keyed Chuck



**SM-7282NK**  
1/4" Mini Air Drill (2,800 RPM)  
- Standard Keyless Chuck



**SM-7283**  
1/4" Mini Air Drill (2,800 RPM)  
- Standard Keyed Chuck



**SM-7283NK**  
1/4" Mini Air Drill (2,800 RPM)  
- Standard Keyless Chuck

## Specifications:

Model No.	Free Speed (RPM)	Chuck Size Inch (mm)	Spindle Thread	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
<b>SM-7281</b>	2,800	1/4 (6)	3/8"-24	1/4"	3/8 (10)	4 (113)	5.5 (140)	1.5 (0.7)
<b>SM-78-7281R</b>	2,500	1/4 (6)	3/8"-24	1/4"	3/8 (10)	4 (113)	6.1 (155)	1.8 (0.8)
<b>SM-7282</b>	2,800	1/4 (6)	3/8"-24	1/4"	3/8 (10)	4 (113)	5.4 (137)	1.5 (0.7)
<b>SM-7282NK</b>	2,800	1/4 (6)	3/8"-24	1/4"	3/8 (10)	4 (113)	5.6 (142)	1.5 (0.7)
<b>SM-7283</b>	2,800	1/4 (6)	3/8"-24	1/4"	3/8 (10)	4 (113)	5.4 (137)	1.5 (0.7)
<b>SM-7283NK</b>	2,800	1/4 (6)	3/8"-24	1/4"	3/8 (10)	4 (113)	5.6 (142)	1.5 (0.7)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# 1/4" Mini Air Drills

## Features:

- **Composite Motor Housing**
- **1/4" Keyed Chuck or 1/4" Keyless Chuck**
- **Two Speed Trigger**  
(Slow speed when pulled halfway)
- Planetary Gear System with Needle Bearings
- Compact Size
- **Patented Silencer 84 dB(A)**



**SM-78-7284P-01**  
with 1/4" Standard keyed chuck



**SM-78-7284P-02**  
with 1/4" Standard keyless chuck



**SM-78-7284P-03**  
with 1/4" Industrial keyed chuck

*Composite*



**SM-78-7284PR-01**  
with 1/4" Standard keyed chuck



**SM-78-7284PR-02**  
with 1/4" Standard keyless chuck



**SM-78-7284PR-03**  
with 1/4" Industrial keyed chuck

### SM-78-7284P

1/4" Non-Reversible Mini Air Drill  
(2,600 RPM)  
- Standard Keyed Chuck



### SM-78-7284P-02

1/4" Non-Reversible Mini Air Drill  
(2,600 RPM)  
- Standard Keyless Chuck



### SM-78-7284PR

1/4" Reversible Mini Air Drill  
(2,600 RPM)  
- Standard Keyed Chuck



### SM-78-7284PR-02

1/4" Reversible Mini Air Drill  
(2,600 RPM)  
- Standard Keyless Chuck



## Specifications:

Model No.	Free Speed (RPM)	Chuck Size Inch (mm)	Spindle Thread	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
<b>SM-78-7284P</b>	2,600	1/4 (6)	3/8"-24	1/4"	3/8 (10)	4 (113)	5.8 (148)	1.3 (0.6)	<b>84</b>
<b>SM-78-7284PR</b>	2,600	1/4 (6)	3/8"-24	1/4"	3/8 (10)	4 (113)	5.8 (148)	1.3 (0.6)	<b>84</b>
<b>SM-78-7284P-02</b>	2,600	1/4 (6)	3/8"-24	1/4"	3/8 (10)	4 (113)	5.8 (148)	1.3 (0.6)	<b>84</b>
<b>SM-78-7284PR-02</b>	2,600	1/4 (6)	3/8"-24	1/4"	3/8 (10)	4 (113)	5.8 (148)	1.3 (0.6)	<b>84</b>

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

## Features:

- **Composite Motor Housing Double Injection**
- **Two Speed Trigger**  
(Slow speed when pulled halfway)
- Reversing Bar on Both Sides
- Planetary Gear System with Needle Bearings (Option)
- **Patented Silencer 83 dB(A)**
- **0.5 HP**



**SM-75-7253P-01**  
with 3/8" Standard keyed chuck



**SM-75-7253P-02**  
with 3/8" Standard keyless chuck



**SM-75-7253P-03**  
with 3/8" Industrial keyed chuck



**SM-75-7253P-04**  
with 3/8" Industrial keyless chuck



**#75-725139-11S**  
Side Handle



**SM-74-7253P-01**  
with 1/2" Standard keyed chuck



**SM-74-7253P-02**  
with 1/2" Standard keyless chuck



**SM-74-7253P-03**  
with 1/2" Industrial keyed chuck



**SM-74-7253P-04**  
with 1/2" Industrial keyless chuck

### SM-76-7253P

3/8" Non-Reversible Air Drill  
(2,600 RPM)  
- Standard Keyless Chuck



#### Patent No.

US D582,237 S  
TW M346502 / M346497 / M350449

### SM-75-7253P

3/8" Reversible Air Drill  
(1,800 RPM)  
- Standard Keyless Chuck



### SM-72-7253P

1/2" Non-Reversible Air Drill  
(1,000 RPM)  
- Standard Keyless Chuck



### SM-74-7253P

1/2" Reversible Air Drill  
(800 RPM)  
- Standard Keyless Chuck



## Specifications:

Model No.	Free Speed (RPM)	Chuck Size Inch (mm)	Spindle Thread	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
<b>SM-76-7253P</b>	2,600	3/8 (10)	3/8"-24	1/4"	3/8 (10)	4 (113)	7.8 (197)	2.4 (1.1)	<b>83</b>
<b>SM-75-7253P</b>	1,800	3/8 (10)	3/8"-24	1/4"	3/8 (10)	4 (113)	7.8 (197)	2.4 (1.1)	<b>83</b>
<b>SM-72-7253P</b>	1,000	1/2 (13)	3/8"-24	1/4"	3/8 (10)	4 (113)	8.6 (218)	2.9 (1.3)	<b>83</b>
<b>SM-74-7253P</b>	800	1/2 (13)	3/8"-24	1/4"	3/8 (10)	4 (113)	8.6 (218)	2.9 (1.3)	<b>83</b>

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

## Features:

- **Composite Motor Housing**
- **Two Speed Trigger**  
Slow speed when pulled halfway
- Reversing Bar on Both Sides
- Planetary Gear System with Needle Bearings (Option)
- **Patented Silencer 83 dB(A)**
- **0.5 HP**



**SM-75-7254P-01**  
with 3/8" Standard keyed chuck



**SM-75-7254P-02**  
with 3/8" Standard keyless chuck



**SM-75-7254P-03**  
with 3/8" Industrial keyed chuck



**SM-75-7254P-04**  
with 3/8" Industrial keyless chuck



**#75-725139-11S**  
Side Handle



**SM-74-7254P-01**  
with 1/2" Standard keyed chuck



**SM-74-7254P-02**  
with 1/2" Standard keyless chuck



**SM-74-7254P-03**  
with 1/2" Industrial keyed chuck



**SM-74-7254P-04**  
with 1/2" Industrial keyless chuck

### SM-76-7254P

3/8" Non-Reversible Air Drill  
(2,600 RPM)  
- Standard Keyless Chuck



#### Patent No.

US D582,236 S  
TW M346502 / M346497 / M350449

### SM-75-7254P

3/8" Reversible Air Drill  
(1,800 RPM)  
- Standard Keyless Chuck



### SM-72-7254P

1/2" Non-Reversible Air Drill  
(1,000 RPM)  
- Standard Keyless Chuck



### SM-74-7254P

1/2" Reversible Air Drill  
(800 RPM)  
- Standard Keyless Chuck



## Specifications:

Model No.	Free Speed (RPM)	Chuck Size Inch (mm)	Spindle Thread	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
<b>SM-76-7254P</b>	2,600	3/8 (10)	3/8"-24	1/4"	3/8 (10)	4 (113)	7.8 (197)	2.4 (1.1)	<b>83</b>
<b>SM-75-7254P</b>	1,800	3/8 (10)	3/8"-24	1/4"	3/8 (10)	4 (113)	7.8 (197)	2.4 (1.1)	<b>83</b>
<b>SM-72-7254P</b>	1,000	1/2 (13)	3/8"-24	1/4"	3/8 (10)	4 (113)	8.6 (218)	2.9 (1.3)	<b>83</b>
<b>SM-74-7254P</b>	800	1/2 (13)	3/8"-24	1/4"	3/8 (10)	4 (113)	8.6 (218)	2.9 (1.3)	<b>83</b>

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

## Features:

- Composite Motor Housing
- Lightweight



### SM-751P-02

3/8" Heavy Duty Air Drill (2,200 RPM)  
- Standard Keyless Chuck

- ▶ Full-Cage Gear Design



### SM-751P-04

3/8" Heavy Duty Air Drill (2,200 RPM)  
- Industrial Keyless Chuck

- ▶ Full-Cage Gear Design



### SM-7951P-02

3/8" Reversible Air Drill (1,800 RPM)  
- Standard Keyless Chuck



### SM-7951P-04

3/8" Reversible Air Drill (1,800 RPM)  
- Industrial Keyless Chuck



### SM-7941P-02

1/2" Reversible Air Drill (800 RPM)  
- Standard Keyless Chuck



### SM-7941P-04

1/2" Reversible Air Drill (800 RPM)  
- Industrial Keyless Chuck

## Specifications:

Model No.	Free Speed (RPM)	Chuck Size Inch (mm)	Spindle Thread	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SM-751P-02	2,200	3/8 (10)	3/8"-24	1/4"	3/8 (10)	4 (113)	7.1 (180)	2.5 (1.1)
SM-751P-04	2,200	3/8 (10)	3/8"-24	1/4"	3/8 (10)	4 (113)	7 (179)	2.5 (1.1)
SM-7951P-02	1,800	3/8 (10)	3/8"-24	1/4"	3/8 (10)	4 (113)	7 (179)	3 (1.4)
SM-7951P-04	1,800	3/8 (10)	3/8"-24	1/4"	3/8 (10)	4 (113)	7 (177)	3 (1.4)
SM-7941P-02	800	1/2 (13)	3/8"-24	1/4"	3/8 (10)	4 (113)	8 (203)	4 (1.8)
SM-7941P-04	800	1/2 (13)	3/8"-24	1/4"	3/8 (10)	4 (113)	8.1 (205)	4 (1.8)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

## Features:

- **Ergonomic Handle Design**
- **Variable Speed Trigger**
- Planetary Gear System with Needle Bearings (Option)
- Built-in Comfort Grip
- Forward and Reverse Control on Top & Painted in Red
- Rotating Air Inlet
- Handle Exhaust
- **Low Noise 83 dB(A)**



### SM-76-7063-03

3/8" Non-Reversible Air Drill (2,600 RPM)  
- Industrial Keyed Chuck



### SM-75-7251-03

3/8" Reversible Air Drill (1,800 RPM)  
- Industrial Keyed Chuck



### SM-72-7063-03

1/2" Non-Reversible Air Drill (1,000 RPM)  
- Industrial Keyed Chuck



### SM-73-7063-03

1/2" Non-Reversible Air Drill (500 RPM)  
- Industrial Keyed Chuck



### SM-73-7251-03

1/2" Reversible Air Drill (400 RPM)  
- Industrial Keyed Chuck



### SM-74-7251-03

1/2" Reversible Air Drill (800 RPM)  
- Industrial Keyed Chuck

## Specifications:

Model No.	Free Speed (RPM)	Chuck Size Inch (mm)	Spindle Thread	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-76-7063-03	2,600	3/8 (10)	3/8"-24	1/4"	3/8 (10)	4 (113)	7.4 (187)	2.6 (1.2)	83
SM-75-7251-03	1,800	3/8 (10)	3/8"-24	1/4"	3/8 (10)	4 (113)	7.4 (187)	2.9 (1.3)	83
SM-72-7063-03	1,000	1/2 (13)	3/8"-24	1/4"	3/8 (10)	4 (113)	8.8 (224)	3.5 (1.6)	83
SM-73-7063-03	500	1/2 (13)	3/8"-24	1/4"	3/8 (10)	4 (113)	9.2 (233)	4 (1.8)	83
SM-73-7251-03	400	1/2 (13)	3/8"-24	1/4"	3/8 (10)	4 (113)	9.2 (233)	4 (1.8)	83
SM-74-7251-03	800	1/2 (13)	3/8"-24	1/4"	3/8 (10)	4 (113)	8.8 (224)	3.7 (1.7)	83

\* Recommended Air Pressure at 90 PSI (6.2 Bar)



## Features:

- Built-in Comfort Grip
- Rear Exhaust
- Variable Speed Trigger



### SM-7915

3/8" Standard Duty Air Drill (2,600 RPM)  
- Standard Keyed Chuck

- ▶ 3 Gears



### SM-7955

3/8" Reversible Air Drill (1,800 RPM)  
- Standard Keyed Chuck



### SM-7985

3/8" Heavy Duty Air Drill (4,800 RPM)  
- Standard Keyed Chuck

- ▶ Full-Cage Gear Design



### SM-7511

3/8" Heavy Duty Air Drill (2,200 RPM)  
- Standard Keyed Chuck

- ▶ Full-Cage Gear Design



### SM-7531

1/2" Heavy Duty Air Drill (500 RPM)  
- Standard Keyed Chuck

- ▶ Full-Cage Gear Design



### SM-7935

1/2" Air Drill (1,000 RPM)  
- Standard Keyed Chuck

## Specifications:

Model No.	Free Speed (RPM)	Chuck Size Inch (mm)	Spindle Thread	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SM-7915	2,600	3/8 (10)	3/8"-24	1/4"	3/8 (10)	4 (113)	7.2 (184)	2.6 (1.2)
SM-7955	1,800	3/8 (10)	3/8"-24	1/4"	3/8 (10)	4 (113)	7.2 (184)	2.6 (1.2)
SM-7985	4,800	3/8 (10)	3/8"-24	1/4"	3/8 (10)	4 (113)	7.2 (184)	3.5 (1.6)
SM-7511	2,200	3/8 (10)	3/8"-24	1/4"	3/8 (10)	4 (113)	7.5 (191)	2.6 (1.2)
SM-7531	500	1/2 (13)	3/8"-24	1/4"	3/8 (10)	4 (113)	9.3 (235)	3.5 (1.6)
SM-7935	1,000	1/2 (13)	3/8"-24	1/4"	3/8 (10)	4 (113)	8.5 (216)	3.3 (1.5)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

## Features:

- Triple Full-Cage Design and Gears with Oilless Bushing to Ensure of Heavy Duty Gearing System
- Spring Loaded Rotor Vanes to Ensure of the Rotor Blades Fully Functioned (SM-7952-04 & SM-7942-03)
- Ergonomic Handle Design
- Built-in Comfort Grip
- Short Gear Case Design in the Front of Motor Housing
- with Dead Handle
- Handle Exhaust
- **Low Noise** (SM-7845-02, SM-7945-02, SM-7955-02)



**SM-7955-02**  
3/8" Reversible Air Drill (1,650 RPM)  
- Standard Keyless Chuck

▼ Short Gear Case Design in the Front of Motor Housing



**SM-7942-03**  
1/2" Reversible Air Drill (500 RPM)  
- Industrial Keyed Chuck

▼ Short Gear Case Design in the Front of Motor Housing



**SM-7952-04**  
3/8" Reversible Air Drill (1,800 RPM)  
- Industrial Keyless Chuck



**SM-7845-02**  
1/2" Reversible Air Drill (350 RPM)  
- Standard Keyless Chuck



**SM-7945-02**  
1/2" Reversible Air Drill (650 RPM)  
- Standard Keyless Chuck

## Specifications:

Model No.	Free Speed (RPM)	Chuck Size Inch (mm)	Spindle Thread	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SM-7845-02	350	1/2 (13)	3/8"-24	1/4"	3/8 (10)	4 (113)	8.3 (210)	3.5 (1.6)
SM-7945-02	650	1/2 (13)	3/8"-24	1/4"	3/8 (10)	4 (113)	7.8 (197)	3.0 (1.4)
SM-7955-02	1,650	3/8 (10)	3/8"-24	1/4"	3/8 (10)	4 (113)	7 (178)	2.6 (1.2)
SM-7942-03	500	1/2 (13)	3/8"-24	1/4"	3/8 (10)	4 (113)	9 (229)	3.8 (1.7)
SM-7952-04	1,800	3/8 (10)	3/8"-24	1/4"	3/8 (10)	4 (113)	8 (203)	3.2 (1.5)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# 3/8" Heavy Duty Angle Drills

## Features:

- 90 Degree Angle Head
- **with Industrial Keyed Chuck** (Optional)
- Rear Exhaust
- Built-in Comfort Grip (SM-79-8423R)
- **Low Noise**



▲ Operation of 3/8" Reversible Angle Drill

### SM-7091R

3/8" Reversible Angle Drill (1,200 RPM)  
- Industrial Keyed Chuck



▲ Forward and Reverse

### SM-79-8423R

3/8" Reversible Angle Drill (1,400 RPM)  
- Industrial Keyed Chuck



▲ Forward and Reverse

## Specifications:

Model No.	Free Speed (RPM)	Chuck Size Inch (mm)	Spindle Thread	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
<b>SM-7091R</b>	1,200	3/8 (10)	3/8"-24	1/4"	3/8 (10)	4 (113)	8 (203)	2.5 (1.1)	-
<b>SM-79-8423R</b>	1,400	3/8 (10)	3/8"-24	1/4"	3/8 (10)	4 (113)	8.4 (214)	2.6 (1.2)	<b>85</b>

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Air Metal Shears

## Features:

- **Cutting Capacity Steel 1.2 mm**
- Built-in Comfort Grip
- Variable Speed Trigger
- Rear Exhaust



▲ Operation of Air Metal Shear

### SM-28-7063

Air Metal Shear



### SM-2945

Air Metal Shear



## Specifications:

Model No.	Free Speed (RPM)	Cutting Capacity Steel (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
<b>SM-28-7063</b>	2,600	1.2	1/4"	3/8 (10)	4 (113)	8.5 (217)	2.9 (1.3)
<b>SM-2945</b>	2,600	1.2	1/4"	3/8 (10)	4 (113)	8.5 (217)	3 (1.4)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# 0.5 HP & 1.0 HP Air Drills

## Features:

- **Two Speed Trigger**  
(Slow speed when pulled halfway)
- Planetary Gear System
- **0.5 HP & 1.0 HP**

### SM-7029B

3/8" Air Drill  
- 3,200 RPM  
- 0.5 HP

### SM-7038B

3/8" Air Drill  
- 3,900 RPM  
- 0.5 HP

### SM-7138B

1/4" Air Drill  
- 3,900 RPM  
- 0.5 HP



### SM-7017B

3/8" Air Drill  
- 1,900 RPM  
- 0.5 HP



*Optional!*



#7017B56-11S  
Side Handle  
(Optional)

### SM-7026A

3/8" Air Drill  
- 2,600 RPM  
- 1.0 HP

### SM-7032A

3/8" Air Drill  
- 3,200 RPM  
- 1.0 HP

### SM-7060A

3/8" Air Drill  
- 6,000 RPM  
- 1.0 HP

### SM-7160A

1/4" Air Drill  
- 6,000 RPM  
- 1.0 HP



### SM-7005A

1/2" Air Drill  
- 500 RPM  
- 1.0 HP

### SM-7009A

1/2" Air Drill  
- 900 RPM  
- 1.0 HP



#75-725139-11S  
Side Handle

## Specifications:

Model No.	Free Speed (RPM)	Chuck Size Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min) Free Speed	Spindle Thread	Length Inch (mm)	Weight Lbs (Kg)	Power HP (Watt)
SM-7029B	3,200	3/8 (10)	1/4"	3/8 (10)	24.7 (700)	3/8"-24	7.6 (194)	1.5 (0.7)	0.5 (373)
SM-7038B	3,900	3/8 (10)	1/4"	3/8 (10)	24.7 (700)	3/8"-24	7.6 (194)	1.5 (0.7)	0.5 (373)
SM-7138B	3,900	1/4 (6)	1/4"	3/8 (10)	24.7 (700)	3/8"-24	6.5 (165)	1.3 (0.6)	0.5 (373)
SM-7017B	1,900	3/8 (10)	1/4"	3/8 (10)	24.7 (700)	3/8"-24	8.9 (225)	2.2 (1.0)	0.5 (373)
SM-7026A	2,600	3/8 (10)	1/4"	3/8 (10)	29.7 (840)	3/8"-24	7.9 (200)	2.2 (1.0)	1.0 (746)
SM-7032A	3,200	3/8 (10)	1/4"	3/8 (10)	29.7 (840)	3/8"-24	7.9 (200)	2.2 (1.0)	1.0 (746)
SM-7060A	6,000	3/8 (10)	1/4"	3/8 (10)	29.7 (840)	3/8"-24	7.9 (200)	2.2 (1.0)	1.0 (746)
SM-7160A	6,000	1/4 (6)	1/4"	3/8 (10)	29.7 (840)	3/8"-24	7.6 (193)	2.0 (0.9)	1.0 (746)
SM-7005A	500	1/2 (13)	1/4"	3/8 (10)	29.7 (840)	3/8"-24	9.6 (243)	2.9 (1.3)	1.0 (746)
SM-7009A	900	1/2 (13)	1/4"	3/8 (10)	29.7 (840)	3/8"-24	9.6 (243)	2.9 (1.3)	1.0 (746)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# 0.5 HP Air Drills

## SM-7017C-03

3/8" Air Drill (1,900 RPM)

- Industrial Keyed Chuck
- 0.5 HP



## SM-7029C-03

3/8" Air Drill (3,200 RPM)

- Industrial Keyed Chuck
- 0.5 HP

## SM-7038C-03

3/8" Air Drill (3,900 RPM)

- Industrial Keyed Chuck
- 0.5 HP

## SM-7138C-03

1/4" Air Drill (3,900 RPM)

- Industrial Keyed Chuck
- 0.5 HP



## Features:

- Long Life Time
- Planetary Gear System
- Side Handle (Optional)
- 0.5 HP

Optional!



#7017B56-12S  
Side Handle  
(Optional)

## SM-7017C-08

3/8" Air Drill (1,900 RPM)

- Industrial Keyless Chuck
- 0.5 HP



## SM-7029C-08

3/8" Air Drill (3,200 RPM)

- Industrial Keyless Chuck
- 0.5 HP

## SM-7038C-08

3/8" Air Drill (3,900 RPM)

- Industrial Keyless Chuck
- 0.5 HP



## Specifications:

Model No.	Free Speed (RPM)	Chuck Size Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min) Free Speed	Spindle Thread	Length Inch (mm)	Weight Lbs (Kg)	Power HP (Watt)
SM-7017C-03	1,900	3/8(10)	1/4"	3/8 (10)	24.7 (700)	3/8"-24	8.9 (226)	2.2 (1.0)	0.5 (373)
SM-7029C-03	3,200	3/8(10)	1/4"	3/8 (10)	24.7 (700)	3/8"-24	7.7 (195)	1.8 (0.8)	0.5 (373)
SM-7038C-03	3,900	3/8(10)	1/4"	3/8 (10)	24.7 (700)	3/8"-24	7.7 (195)	1.8 (0.8)	0.5 (373)
SM-7138C-03	3,900	3/8(10)	1/4"	3/8 (10)	24.7 (700)	3/8"-24	7.3 (186)	1.5 (0.7)	0.5 (373)
SM-7017C-08	1,900	3/8(10)	1/4"	3/8 (10)	24.7 (700)	3/8"-24	9.6 (244)	2.4 (1.1)	0.5 (373)
SM-7029C-08	3,200	3/8(10)	1/4"	3/8 (10)	24.7 (700)	3/8"-24	8.4 (213)	2.0 (0.9)	0.5 (373)
SM-7038C-08	3,900	3/8(10)	1/4"	3/8 (10)	24.7 (700)	3/8"-24	8.4 (213)	2.0 (0.9)	0.5 (373)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Spot Drill

- with Enforced Lever



- Low Speed **800 RPM**
- High Torque
- 360° Swivel Steady Frame
- Tungsten Carbide Drill Bit (Optional)
- Low Noise **84 dB(A)**



## Features:

- Low Speed **800 RPM** / High Torque
- **360° Swivel** on The Steady Frame
- **Tungsten Carbide Drill Bit** (Optional)
- Built-in Comfort Grip
- Handle Exhaust
- **Low Noise 84 dB(A)**



▲ Operation of Spot Drill



▲ Operation of Spot Drill

📺 **Demonstration on website :** <http://www.sunmatch.com/video.html>

### SM-71-7802K

Spot Drill Kit



**Accessories (Optional) :**

**3-Edge Cutter Tungsten Carbide Drill Bit**

-  **#71-780139**  
ø 10.3 x 47 mm
-  **#71-780140**  
ø 8.3 x 47 mm
-  **#71-780141**  
ø 6.3 x 47 mm

### SM-71-7802

Spot Drill  
- with Enforced Lever  
(Drill Bit not included)



**Patent No.**

US 8292552 B2 / DE 20 2008 015 552 U1  
TW M349809 / TW M349810  
Patent Pending in Multi-Countries

▼ **Steps to use Spot Drill**



**Step 1**

Adjust the steady frame position and point drill bit at the metal plate.



**Step 2**

Push the enforced lever to have drill bit touch the metal plate easily.



**Step 3**

Push the throttle lever to start and use enforced lever to move the drill bit forward.

### SM-721K

Spot Weld Drill Kit

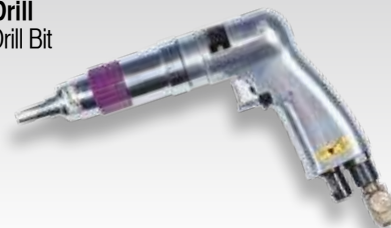


**Kit Includes:**

- 1 pc SM-721 Spot Weld Drill
- 3 pcs 8 mm Drill Bit
- 1 pc 6.5 mm Drill Bit
- 1 pc Mini Oiler
- 1 pc 1/4" x 1/4" Swivel Joint
- 1 pc Nipple
- 1 pc Hex. Wrench
- 1 pc Blow Case

### SM-721

Spot Weld Drill  
- with 8 mm Drill Bit



▲ **Optional : 6.5 mm Drill Bit**

## Specifications:

Model No.	Free Speed (RPM)	Drill Bit Size (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Noise Level dB(A)
SM-71-7802	800	ø 6.3 , ø 8.3 , ø 10.3 x 47 (L)	1/4"	3/8 (10)	4 (113)	13.7 (349)	5.5 (2.5)	84
SM-721	2,000	ø 6.5 , ø 8 x 44 (L)	1/4"	3/8 (10)	4 (113)	9.8 (249)	5.6 (2.5)	84

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Bead Breaker

## Features:

- Easy to Use Gain Time Assured
- Intervention Directly on Vehicle
- Handle Exhaust
- Air Regulator

## SM-4040

### Bead Breaker

- Special Agricultural

- Race Actuator 3.1" (80 mm)
- Opening Jaw 2.7" (68 mm)
- Length 15.6" (396 mm)
- Weight 10.2 lbs (4.6 kg)



📺 Demonstration on website : <http://www.sunmatch.com/video.html>



▲ Operation of Bead Breaker



**Easy to use  
Gain time assured!**

## Specifications:

Model No.	Opening Jaw Inch (mm)	Race Actuator Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SM-4040	2.7 (68)	3.1 (80)	1/4"	3/8 (10)	4 (113)	15.6 (396)	10.2 (4.6)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)



# Wheel Bolt Cleaner Kit

## Features:

- Free Speed 1,800 R.P.M.
- Cleaning Tool for Rust & Dirt of Heavy Vehicle's Wheel
- For Precise Fastening Torque Control

## Improvement in Efficiency with Wheel Bolt Cleaner



📺 **Demonstration on website :**  
<http://www.sunmatch.com/video.html>



**SM-88-7251WB**  
 Wheel Bolt Cleaner Kit

Driver retainer for quick accessories change



Reverse Lever

### Wire Brushes

(For Outer Nuts & Inside of Inner Nuts)



**BM-203713-11** M20 (Optional)    **BM-223713-11** M22    **BM-243713-11** M24    **BM-306013-11** M30

### Bolt Hole Cleaner



**BM-306017-11** M30 (Optional)

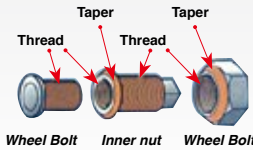
### Screw Cleaners

(For Inner Nut, Inner Bolt, Hub Bolt)



**SA-BM-2037-0011** M20    **SA-BM-2237-0013** M22    **SA-BM-2437-0015** M24    **SA-BM-3060-0018** M30

### A Part Applies Oil



Wheel Bolt    Inner nut    Wheel Bolt

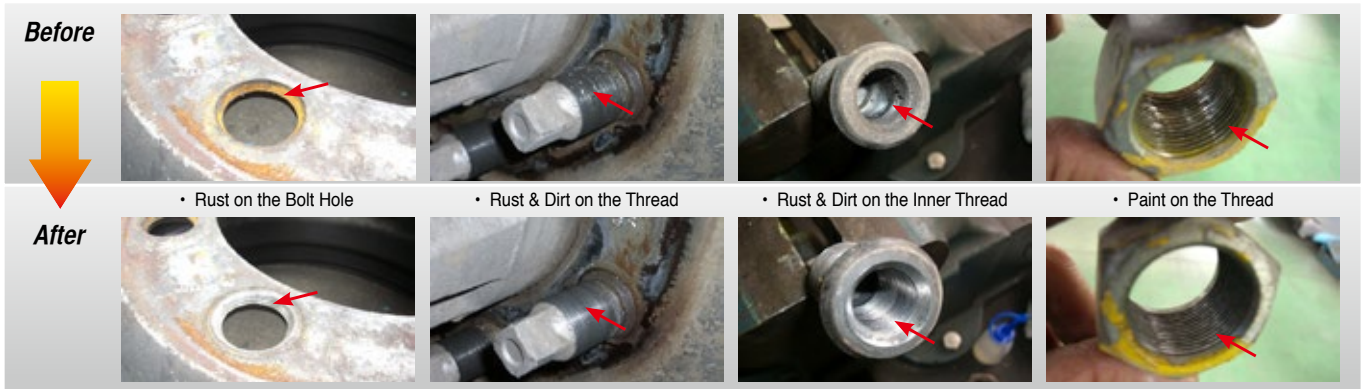
Please apply the oil to the thread after cleaning

Road trucking vehicle law has been amended in order to avoid the accident by run off the tire.

(Inspection when mounting wheels)

### Patent No.

DE 20 2009 006 267 U1  
 TW M365294  
 JP 3155174  
 US 8,032,970 B2  
 Patent Pending in Multi-Countries



Before

After

• Rust on the Bolt Hole

• Rust & Dirt on the Thread

• Rust & Dirt on the Inner Thread

• Paint on the Thread

# Heavy-Duty Air Drill

## Features:

- Free Speed 2,800 RPM
- Gears with Needle Bearings
- **Oil Free** Rotor Blades
- **0.75 HP**

**0.75 HP**



**SM-706L**  
3/8" Heavy-Duty Air Drill

## Specifications :

Model No.	Free Speed (RPM)	Chuck Size Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Spindle Thread	Length Inch (mm)	Weight Lbs (Kg)	Horse Power (HP)
<b>SM-706L</b>	2,800	3/8 (10)	1/4"	3/8 (10)	4 (113)	3/8"-24	8 (203)	2.9 (1.3)	<b>0.75</b>

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Heavy-Duty Industrial Pneumatic Drills

## Features:

- Dead Handle on Either Side of Motor Housing
- D-type Handle with Inside Trigger

**SM-7H-7535**  
Industrial Air Drill (13 mm)



**SM-7H-7538**  
Industrial Air Drill (16 mm)



**SM-7H-7535**  
with 1/2" (13 mm) Industrial Keyed Chuck



**SM-7H-7538**  
with 5/8" (16 mm) Industrial Keyed Chuck

## Specifications:

Model No.	Free Speed (RPM)	Chuck Size Inch (mm)	Spindle Thread	Power (Watt)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
<b>SM-7H-7535</b>	1,200	1/2 (13)	1/2"-20	820W	3/8"	1/2 (13)	5 (142)	14.1 (358)	7.1 (3.2)
<b>SM-7H-7538</b>	800	5/8 (16)	1/2"-20	820W	3/8"	1/2 (13)	5 (142)	14.5 (369)	7.9 (3.6)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Four Bolt Chipping Hammers

## Features:

- Heat Treated Precision Cylinder and Piston for Long Life
- Heavy-duty Hammer Provides Hard-hitting Powerful Blows
- Replaceable Bushing, Hex and Round Types
- Available with Four Different Stroke Lengths, Wide Selection to Suit the Job

### SM-DR-100V

1" Chipping Hammer  
- Bushing Size: 0.680 Round

### SM-DH-100V

1" Chipping Hammer  
- Bushing Size: 0.580 Hex



### SM-DR-200V

2" Chipping Hammer  
- Bushing Size: 0.680 Round

### SM-DH-200V

2" Chipping Hammer  
- Bushing Size: 0.580 Hex



### SM-DR-300V

3" Chipping Hammer  
- Bushing Size: 0.680 Round

### SM-DH-300V

3" Chipping Hammer  
- Bushing Size: 0.580 Hex



### SM-DR-400V

4" Chipping Hammer  
- Bushing Size: 0.680 Round

### SM-DH-400V

4" Chipping Hammer  
- Bushing Size: 0.580 Hex



## Specifications:

Model No.	Bushing Size (Inch)	Blows Per Minute	Bore Size Inch (mm)	Stroke Length	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SM-DR-100V	0.680 Round	2,450	1-1/8 (28)	2.5"	3/8"	1/2 (13)	6 (150)	13.6 (345)	16 (7.3)
SM-DH-100V	0.580 Hex	2,450	1-1/8 (28)	2.5"	3/8"	1/2 (13)	6 (150)	13.6 (345)	16 (7.3)
SM-DR-200V	0.680 Round	2,300	1-1/8 (28)	3.0"	3/8"	1/2 (13)	6.5 (165)	14.5 (369)	17 (7.7)
SM-DH-200V	0.580 Hex	2,300	1-1/8 (28)	3.0"	3/8"	1/2 (13)	6.5 (165)	14.5 (369)	17 (7.7)
SM-DR-300V	0.680 Round	2,100	1-1/8 (28)	3.75"	3/8"	1/2 (13)	7.5 (190)	15.6 (397)	18 (8.4)
SM-DH-300V	0.580 Hex	2,100	1-1/8 (28)	3.75"	3/8"	1/2 (13)	7.5 (190)	15.6 (397)	18 (8.4)
SM-DR-400V	0.680 Round	1,700	1-1/8 (28)	4.25"	3/8"	1/2 (13)	8.3 (211)	16.8 (426)	19 (8.9)
SM-DH-400V	0.580 Hex	1,700	1-1/8 (28)	4.25"	3/8"	1/2 (13)	8.3 (211)	16.8 (426)	19 (8.9)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

## Features:

- Large Diameter, Smooth Stroke Piston
- All Shank Sizes Accommodate Standard Steel
- Four-Bolt Head-to-Cylinder Construction
- Efficient Valve Chest for Low-Maintenance
- Replaceable Front Head Bushing
- **Full Control Throttle**
- **Drop-Forged Cylinder**
- Chisel Retainer Latch
- Rubber Handle Grips

### SM-P611

Paving Breaker

Shank Size : 1-1/8"x6"

### SM-P612

Paving Breaker

Shank Size : 1-1/4"x6"



26.5" (672 mm)

### SM-P911

Paving Breaker

Shank Size : 1-1/8"x6"

### SM-P912

Paving Breaker

Shank Size : 1-1/4"x6"



29.6" (752 mm)

## Specifications :

Model No.	Piston Diameter Inch (mm)	Piston Stroke Inch (mm)	Blow Per Min. (BPM)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Shank Size Inch (mm)	Air Consumption CFM (L/Min)	Overall Length Inch (mm)	Weight Lbs (Kg)
SM-P611	2-1/4 (57.15)	4 (100)	1,400	3/4"	3/4 (19)	1-1/8x6 (28x152)	70 (2,000)	26.5 (672)	66 (30)
SM-P612	2-1/4 (57.15)	4 (100)	1,400	3/4"	3/4 (19)	1-1/4x6 (32x152)	70 (2,000)	26.5 (672)	66 (30)
SM-P911	2-5/8 (66.67)	6 (152)	1,250	3/4"	3/4 (19)	1-1/8x6 (28x152)	77 (2,200)	29.6 (752)	92.4 (42)
SM-P912	2-5/8 (66.67)	6 (152)	1,250	3/4"	3/4 (19)	1-1/4x6 (32x152)	77 (2,200)	29.6 (752)	92.4 (42)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Air Scribe and Engraving Chisel

## Features:

- Provides Sufficient Power for Engraving & Mini Chipping Applications
- High Precision Throttle Ensures Critical Control
- Best for : Precision Engraving of Metals, Stone and Marble

### SM-10-1001

Scribe / Engraving Chisel



### SM-10-1001K

Scribe / Engraving Chisel Kit

#### In Blow Molded Case Complete with:

- 1 pc SM-10-1001 Scribe / Engraving Chisel
- 1 pc #100113-11S Air Filter Assembly
- 1 pc #100108-11S Chisel Joint for Use with Chisels
- 1 pc #10-100109 Pen Chisel - Tungsten Carbide Tipped / Writing & Engraving
- 1 pc #10-100110 Chisel A / Customize to Suit
- 1 pc #10-100111 Chisel B / Cutting & Deburring
- 1 pc #10-100112 Chisel C / Scaling & Deburring



**#10-100113-11S**  
Air Filter Assembly



**#10-100108-11S**  
Chisel Joint



**#10-100109**  
Pen Chisel



**#10-100110**  
Chisel A



**#10-100111**  
Chisel B



**#10-100112**  
Chisel C

## Specifications :

Model No.	Blows Per Min. (BPM)	Bushing Size Inch (mm)	Bore Size Inch (mm)	Stroke Length Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
<b>SM-10-1001</b>	13,500	1/8" (3.175)	0.228 (5.8)	0.323 (8.2)	1/4"	1/4" (6.35)	1.1 (31)	4.8 (122)	0.3 (0.14)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Wheel Bolt Cleaner Kit

## Features:

- Easy to Work with 1/2" Impact Wrenches, Drills or Screwdrivers
- Cleaning Tool for Rust & Dirt of Heavy Vehicle's Wheel
- Multi-Functioned

## SM-B4WSA Wheel Bolt Cleaner Kit



**Best at  
2,000 RPM**



### Wire Brushes

(For Outer Nuts & Inside of Inner Nuts)



**BM-20A02-11**  
Adapter to 1/2" SQ. Dr.  
Easy to Work with Impact Wrenches

### Screw Cleaners

(For Inner Nut, Inner Bolt, Hub Bolt)

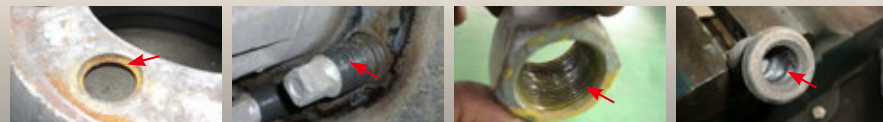


**BM-136010**  
Adapter to Hex. Dr.  
Easy to Work with  
Screwdrivers & Drills

### Spare Brushes (For Screw Cleaners)

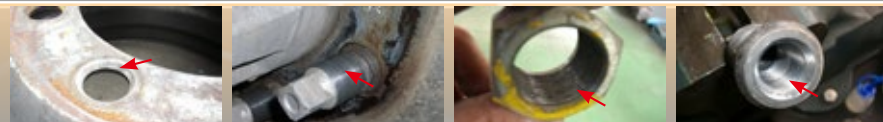
**BM-136012** For B4-1360  
**BM-243712** For B4-2437  
**BM-203712** For B4-2037  
**BM-306012** For B4-3060  
**BM-223712** For B4-2237 & B4-2285

Before



• Rust on the Bolt Hole • Rust & Dirt on the Thread • Paint on the Thread • Rust & Dirt on the Inner Thread

After



# Wheel Hub Bolt Grinder Kit

## Features:

- Easy to work with 1/2" Impact Wrenches
- Special grinder is used to clean the wheel rim  
Contact surface, designed for vehicles with stud bolts
- Remove corrosion quickly and easily
- Wear-resistant : approx. 50 vehicles per wheel
- Suitable for stud bolt size : M12, M14, 1/2" & 9/16"



## B4-14K

### Wheel Hub Bolt Grinder Kit

#### Kit Includes:

- 1 pc B4-1401 Impact driven holder
- 3 pcs B4-1440 Spare grinding wheel Dia. 40 mm
- 3 pcs B4-1450 Spare grinding wheel Dia. 50 mm



**Best at  
2,000 RPM**



**B4-1401**  
Impact driven holder



40 mm

**B4-1440**  
Spare grinding wheel  
Dia. 40 mm



50 mm

**B4-1450**  
Spare grinding wheel  
Dia. 50 mm

#### Patent No.

TW M532925  
Patent Pending in Multi-Countries



# Utility Sanding Kit

## Features:

- Easy to work with 1/2" Impact Wrenches
- Multi-Functioned

### Patent No.

TW M532925  
Patent Pending in Multi-Countries



**Best at**  
**2,000 RPM**

### Spare Grinding Wheels



**B4-1440**  
Spare grinding wheel  
Dia. 40 mm



**B4-1450**  
Spare grinding wheel  
Dia. 50 mm

### Velcro Sanding Pads



**B4-1425**  
2" Velcro Sanding Pad



**B4-1426**  
3" Velcro Sanding Pad



▲ 1/2" Drive

**B4-1401**  
Impact driven holder

### Sanding Backup Pads



**B4-1427**  
2" Sanding Backup Pad



**B4-1428**  
3" Sanding Backup Pad

# Wheel Hub Grinder

## Features:

- Easy to work with 1/2" Impact Wrenches, Drills or Screwdrivers
- Special grinder is used to clean the wheel and hub contact surface
- Remove corrosion quickly and easily
- Hook and loop back for quick changing of grinding wheels
- Wear-resistant : approx. 100 vehicles per wheel

**Best at  
1,500 RPM**



▲ to Work with 1/2" Impact Wrenches



## B4-160/65

Wheel Hub Grinder  $\phi$ 160 mm  
1 holder + 1 spare wheel (hole : 65 mm)



▲ to Work with Screwdrivers / Drills

## B4-160/75

Wheel Hub Grinder  $\phi$ 160 mm  
1 holder + 1 spare wheel (hole : 75 mm)

### Accessories (Optional) :



**BM-136010**  
Adapter to Hex. Dr.  
Easy to Work with Drills  
& Screwdrivers

*Optional!*



**#B4-16065**  
Spare wheel  $\phi$ 160 mm x  $\phi$ 65 mm  
**#B4-16075**  
Spare wheel  $\phi$ 160 mm x  $\phi$ 75 mm

*Optional!*

### Patent No.

TW M531352  
Patent Pending in Multi-Countries

# Exhaust Hose Assembly



**SM-522SH**  
1/4" Mini Angle Die Grinder  
- with Exhaust Hose Kit



**EH-522SUB**  
Exhaust Hose Assembly (Optional)

▲ For Use on All Series Mini Die Grinders  
and SM-6102P Angle Polisher



**SM-55-5227SH**  
1/4" 115° Mini Angle Die Grinder  
- with Exhaust Hose Kit



**SM-512SH**  
1/4" Die Grinder (Full Size)  
- with Exhaust Hose Kit



**EH-512SUB**  
Exhaust Hose Assembly (Optional)

▲ For Use on All Series Die Grinders  
and Straight Screwdrivers



**SM-705SH**  
3/8" Reversible Drill  
- with Exhaust Hose Kit



**EH-701SUB**  
Exhaust Hose Assembly (Optional)

▲ For Use on All Series Pistol Grip Drills  
and Screwdrivers



**SM-5B-6192PSH**  
4" Angle Grinder  
- with Exhaust Hose Kit



**EH-6192SUB**  
Exhaust Hose Assembly (Optional)

▲ For Use on All Series SM-5D-6192P  
and SM-5D-6192A Series Tools

# Comfort Grips



**#82252-108**  
Comfort Grip

▲ For Use on  
SM-751 Series Pistol Grip Drills  
SM-822 / SM-8221 Series Pistol Grip  
Screwdrivers

**SM-751RG**



**SM-822RG**



**SM-8221RG**



**#81352-108**  
Comfort Grip



**#81352-105**  
Comfort Grip

▲ For Use on  
SM-725 Series Pistol Grip Drills  
SM-812 Series Pistol Grip Screwdrivers

**SM-725RG**



**SM-812RG**



**#80253-108**  
Comfort Grip



**#80253-105**  
Comfort Grip



**#80253-103**  
Comfort Grip

▲ For Use on  
SM-701 Series Pistol Grip Drills  
SM-802 Series Pistol Grip Screwdrivers  
SM-751 Series Pistol Grip Drills  
SM-822 Series Pistol Grip Screwdrivers  
SM-8221 Series Pistol Grip Screwdrivers

**SM-701RG**



**SM-802RG**





# Vibro Impact Air Hammers & Kits

## Accessories (Optional)



**SA-0101S**  
Spring Retainer



**G-118R**  
Quick Change Retainer

### SM-108

#### Vibro Impact Air Hammer

- Shank Opening : 10.2 mm
- Round Shank

### SM-108H

#### Vibro Impact Air Hammer

- Shank Opening : 10.2 mm
- Hex. Shank

### SM-108H1

#### Vibro Impact Air Hammer

- Shank Opening : 11.1 mm
- Hex. Shank



## Features:

- Dual Elastomer Cushions Absorb Shock and Vibration to Reduce User Fatigue
- Direct Multi-Port Front Exhaust Keeps Air and Debris Away from User
- High Grade Steel Barrel Provides Greater Strength
- Hardened Steel Piston Deliver Harder Blows for Maximum Impact

*Vibration Damped*



### Kit Includes:

- 1 pc SM-108 Vibro Impact Air Hammer
- 5 pcs Chisel 7"
- 1 pc Quick Change Retainer
- 1 pc Spring Retainer
- 1 pc Blow Case

### SM-108K

#### Vibro Impact Air Hammer Kit

- Shank Opening : 10.2 mm
- Round Shank

### SM-108HK

#### Vibro Impact Air Hammer Kit

- Shank Opening : 10.2 mm
- Hex. Shank

### SM-108H1K

#### Vibro Impact Air Hammer Kit

- Shank Opening : 11.1 mm
- Hex. Shank

## Specifications:

Model No.	Bore Size	Blows Per Minute	Stroke Length Inch (mm)	Shank Opening Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SM-108	3/4"	2,500	2.9 (73)	0.401 (10.2)	1/4"	5/16 (8)	1.8 (51)	9.1 (232)	5.7 (2.6)
SM-108H	3/4"	2,500	2.9 (73)	0.401 (10.2)	1/4"	5/16 (8)	1.8 (51)	9.1 (232)	5.7 (2.6)
SM-108H1	3/4"	2,500	2.9 (73)	0.437 (11.1)	1/4"	5/16 (8)	1.8 (51)	9.1 (232)	5.7 (2.6)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Vibro Impact Air Hammer Kit

## Features:

- Dual Elastomer Cushions Absorb Shock and Vibration to Reduce User Fatigue
- Direct Multi-Port Front Exhaust Keeps Air and Debris Away from User
- High Grade Steel Barrel Provides Greater Strength
- Hardened Steel Piston Deliver Harder Blows for Maximum Impact

## SM-108K2

### Vibro Impact Air Hammer Kit

- Shank Opening : 10.2 mm
- Round Shank

### Kit Includes:

- 1 pc SM-108 Vibro Impact Air Hammer
- 4 pcs Special Vibro Chisel
- 1 pc Quick Change Retainer
- 1 pc Spring Retainer
- 1 pc Blow Case



### Special Vibro Chisels



**CRA-51036**  
Universal Joint Chisel



**CRA-51038**  
Smoothing Hammer Chisel



**CRA-51053**  
3/8" Drive Air Hammer  
Socket Adapter



**CRA-51056**  
1/2" Drive Air Hammer  
Socket Adapter

### Specifications :

Model No.	Bore Size	Blows Per Minute	Stroke Length Inch (mm)	Shank Opening Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
<b>SM-108</b>	3/4"	2,500	2.9 (73)	0.401 (10.2)	1/4"	5/16 (8)	1.8 (51)	9.1 (232)	5.7 (2.6)

\*Recommended Air Pressure at 90 PSI (6.2 Bar)

## Features:

- Cylinder: Alloyed Steel, Heat-treated & Honed
- Piston: Alloyed Steel, Heat-treated & Ground
- Air Regulator for Speed Control
- for Heavy Duty Use



### SM-103S

#### Short Barrel Hammer

- Shank Opening : 10.2 mm
- Round Shank

### SM-103SH

#### Short Barrel Hammer

- Shank Opening : 10.2 mm
- Hex. Shank

### SM-103SH1

#### Short Barrel Hammer

- Shank Opening : 11.1 mm
- Hex. Shank



### SM-103

#### Long Barrel Hammer

- Shank Opening : 10.2 mm
- Round Shank

### SM-103H

#### Long Barrel Hammer

- Shank Opening : 10.2 mm
- Hex. Shank

### SM-103H1

#### Long Barrel Hammer

- Shank Opening : 11.1 mm
- Hex. Shank



*Speed Control*



### SM-103K

#### Long Barrel Hammer Kit

- Shank Opening : 10.2 mm
- Round Shank

### SM-103HK

#### Long Barrel Hammer Kit

- Shank Opening : 10.2 mm
- Hex. Shank

### SM-103H1K

#### Long Barrel Hammer Kit

- Shank Opening : 11.1 mm
- Hex. Shank

### Kit Includes:

- 1 pc Long Barrel Hammer
- 5 pcs Chisel 7"
- 1 pc Spring Retainer
- 1 pc Blow Case

## Specifications:

Model No.	Blows Per Minute	Stroke length Inch (mm)	Shank Opening Inch (mm)	Air Inlet (NPT)	Hose Size Inch (mm)	Air Consumption CFM (L/Min)	Overall Length Inch (mm)	Weight Lbs (Kg)
SM-103	2,600	2.9 (73)	0.401 (10.2)	1/4"	3/8 (10)	4 (113)	8.3 (211)	4.8 (2.2)
SM-103H	2,600	2.9 (73)	0.401 (10.2)	1/4"	3/8 (10)	4 (113)	8.3 (211)	4.8 (2.2)
SM-103H1	2,600	2.9 (73)	0.437 (11.1)	1/4"	3/8 (10)	4 (113)	8.3 (211)	4.8 (2.2)
SM-103S	3,000	2.2 (56)	0.401 (10.2)	1/4"	3/8 (10)	4 (113)	6.9 (175)	4.2 (1.9)
SM-103SH	3,000	2.2 (56)	0.401 (10.2)	1/4"	3/8 (10)	4 (113)	6.9 (175)	4.2 (1.9)
SM-103SH1	3,000	2.2 (56)	0.437 (11.1)	1/4"	3/8 (10)	4 (113)	6.9 (175)	4.2 (1.9)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)



# Chipping Hammer

## Features:

- Easy to Handle - Good Weight Balance
- Least Vibration at Handle to Reduce Fatigue
- Precision Spool Valve Design System to Ensure Maximum Power Against Light Body Weight

### SM-TH-1830

Air Chipping Hammer  
- Hex. Shank



*Vibration Damped*

#### Accessories (Optional)



**G-118R**  
Quick Change Retainer

#### Accessories (Optional)

- Chisel Length : 7" (180 mm)



**#H1118006-11**  
Tail Pipe Cutter



**#H1118013-11**  
Double Edge Cutter



**#H1118002-11**  
Flat Chisel



**#H1118003-11**  
Spot Weld Bracket



**#H1118025-11**  
Shred Metal Trimmer

## Specifications:

Model No.	Bore Size	Blows Per Minute	Stroke Length Inch (mm)	Shank Opening Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
<b>SM-TH-1830</b>	18 mm	5,000	1.2 (30)	0.437 (11.1)	1/4"	3/8 (10)	3 (85)	7.7 (196)	5.1 (2.3)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

### Accessories (Optional)



**G-102**  
Quick Change Retainer

### SG-0101R

Short Air Hammer  
- Round Shank



### SG-0101H

Short Air Hammer  
- Hex. Shank

### SG-0102R

135mm Air Hammer  
- Round Shank



### SG-0102H

135mm Air Hammer  
- Hex. Shank

### SG-0204R

Medium Air Hammer  
- Round Shank



### SG-0204H

Medium Air Hammer  
- Hex. Shank

### SG-0304R

Long Air Hammer  
- Round Shank



### SG-0304H

Long Air Hammer  
- Hex. Shank

### SG-0204PSR

Medium Air Hammer Kit



### In Blow Molded Case Complete with:

- 1 pc SG-0204R Medium Air Hammer (Round Shank)
- 5 pcs Chisel 5"
- 1 pc Oiler (Optional)
- 1 pc Blow Case

### SG-0304PSR

Long Air Hammer Kit



### In Blow Molded Case Complete with:

- 1 pc SG-0304R Long Air Hammer (Round Shank)
- 5 pcs Long Chisels 7"
- 1 pc Oiler (Optional)
- 1 pc Blow Case

### Specifications :

Model No.	Bore Size	Blows Per Minute (BPM)	Stroke length Inch (mm)	Shank Opening Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Overall Length Inch (mm)	Weight Lbs (Kg)
SG-0101R	3/4"	5,000	1.6 (41)	0.401 (10.2)	1/4"	3/8 (10)	4 (113)	5.7 (145)	3 (1.4)
SG-0101H	3/4"	5,000	1.6 (41)	0.401 (10.2)	1/4"	3/8 (10)	4 (113)	5.7 (145)	3 (1.4)
SG-0102R	3/4"	4,500	1.6 (41)	0.401 (10.2)	1/4"	3/8 (10)	4 (113)	5.8 (148)	3.3 (1.5)
SG-0102H	3/4"	4,500	1.6 (41)	0.401 (10.2)	1/4"	3/8 (10)	4 (113)	5.8 (148)	3.3 (1.5)
SG-0204R	3/4"	3,200	2.6 (67)	0.401 (10.2)	1/4"	3/8 (10)	4 (113)	7.4 (187)	3.5 (1.6)
SG-0204H	3/4"	3,200	2.6 (67)	0.401 (10.2)	1/4"	3/8 (10)	4 (113)	7.4 (187)	3.5 (1.6)
SG-0304R	3/4"	2,000	3.5 (89)	0.401 (10.2)	1/4"	3/8 (10)	4 (113)	8 (202)	4 (1.9)
SG-0304H	3/4"	2,000	3.5 (89)	0.401 (10.2)	1/4"	3/8 (10)	4 (113)	8 (202)	4 (1.9)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Hammers & Kits

## SG-2711R

Heavy Duty Medium Hammer  
- Round Shank



## SG-2711H

Heavy Duty Medium Hammer  
- Hex. Shank

## SG-2715R

Heavy Duty Long Hammer  
- Round Shank



## SG-2715H

Heavy Duty Long Hammer  
- Hex. Shank

## SG-0218-2X

Riveting Hammer

## SG-0218-3X

Riveting Hammer

## SG-0218-4X

Riveting Hammer



## SG-0218-5X

Riveting Hammer

## SG-0218-7X

Riveting Hammer

## SG-0218-9X

Riveting Hammer



## SG-2711PSR

Heavy Duty Medium Hammer Kit



### In Blow Molded Case Complete with:

- 1 pc SG-2711R Heavy Duty Medium Hammer
- 5 pcs Chisel 7"
- 1 pc Oiler (Optional)
- 1 pc Blow Case

## SG-2715PSR

Heavy Duty Long Hammer Kit



### In Blow Molded Case Complete with:

- 1 pc SG-2715R Heavy Duty Long Hammer
- 5 pcs Chisel 7"
- 1 pc Oiler (Optional)
- 1 pc Blow Case

### Specifications:

Model No.	Bore Size	Blows Per Minute (BPM)	Stroke Length Inch (mm)	Shank Opening Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Overall Length Inch (mm)	Weight Lbs (Kg)
SG-2711R	3/4"	3,000	2.2 (57)	0.401 (10.2)	1/4"	3/8 (10)	2.6 (73.6)	7.2 (184)	3.5 (1.6)
SG-2711H	3/4"	3,000	2.2 (57)	0.401 (10.2)	1/4"	3/8 (10)	2.6 (73.6)	7.2 (184)	3.5 (1.6)
SG-2715R	3/4"	2,500	3.4 (87)	0.401 (10.2)	1/4"	3/8 (10)	2.8 (79.2)	9.2 (233)	4.2 (1.9)
SG-2715H	3/4"	2,500	3.4 (87)	0.401 (10.2)	1/4"	3/8 (10)	2.8 (79.2)	9.2 (233)	4.2 (1.9)
SG-0218-2X	1/2"	2,580	2.2 (57)	0.401 (10.2)	1/4"	3/8 (10)	4 (113)	6 (152)	2.7 (1.2)
SG-0218-3X	1/2"	2,160	2.9 (73)	0.401 (10.2)	1/4"	3/8 (10)	4 (113)	6.9 (175)	2.9 (1.3)
SG-0218-4X	1/2"	2,300	3.1 (78)	0.401 (10.2)	1/4"	3/8 (10)	4 (113)	7.7 (196)	3.1 (1.4)
SG-0218-5X	3/4"	1,600	2.7 (68)	0.498 (12.6)	1/4"	3/8 (10)	6 (170)	8.1 (205)	4.8 (2.2)
SG-0218-7X	3/4"	1,140	3.9 (98)	0.498 (12.6)	1/4"	3/8 (10)	6 (170)	10.2 (258)	5.1 (2.3)
SG-0218-9X	3/4"	900	5.8 (148)	0.498 (12.6)	1/4"	3/8 (10)	6 (170)	11.1 (282)	5.7 (2.6)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Hammers

## SM-102

Short Air Hammer  
- Hex. Shank



## SG-0123R

Mini Chipping Hammer  
- Round Shank



(SG-0123H - Hex. Shank)

## SG-0122R-1

1" Chipping Hammer  
- Round Shank

(SG-0122H-1 - Hex. Shank : 0.580")

## SG-0122R-3

3" Chipping Hammer  
- Round Shank

(SG-0122H-3 - Hex. Shank : 0.580")

## SG-0122R-2

2" Chipping Hammer  
- Round Shank

(SG-0122H-2 - Hex. Shank : 0.580")

## SG-0122R-4

4" Chipping Hammer  
- Round Shank

(SG-0122H-4 - Hex. Shank : 0.580")



### Specifications:

Model No.	Bore Size	Blows Per Minute (BPM)	Stroke length Inch (mm)	Shank Opening Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Overall Length Inch (mm)	Weight Lbs (Kg)
SM-102	3/4"	5,000	1.6 (41)	0.437 (11.1)	1/4"	3/8 (10)	4 (113)	6.7 (169)	3.4 (1.5)
SG-0123R	25/32"	3,000	1.5 (38)	0.551 (14)	1/4"	3/8 (10)	4 (113)	10.9 (277)	5.1 (2.3)
SG-0122R-1	1-1/8"	2,100	1 (25.4)	0.680 (17.3)	3/8"	1/2 (12.7)	6 (170)	12.5 (318)	14.5 (6.6)
SG-0122R-2	1-1/8"	1,900	2 (50)	0.680 (17.3)	3/8"	1/2 (12.7)	7 (198)	13.3 (337)	15.2 (6.9)
SG-0122R-3	1-1/8"	1,700	3 (75)	0.680 (17.3)	3/8"	1/2 (12.7)	8 (226)	15.3 (388)	16 (7.3)
SG-0122R-4	1-1/8"	1,400	3.9 (100)	0.680 (17.3)	3/8"	1/2 (12.7)	8 (226)	16.5 (420)	18 (8.2)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Flux Chipper

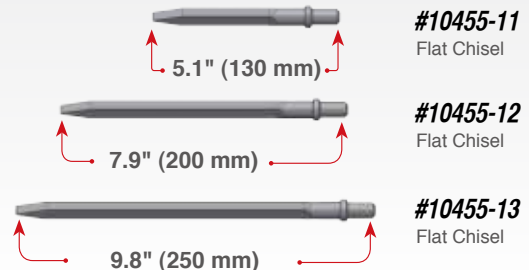
## SM-104

Flux Chipper  
(Chisel not Included)



• Shank Size : 0.43" (10.9 mm)

### Accessories (Optional)



### Specifications:

Model No.	Blows Per Min. (BPM)	Piston Size Dia Inch (mm)	Stroke Length Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SM-104	5,400	3/4 (20)	0.75 (19)	1/4"	3/8 (10)	1 (28.33)	6.9 (174)	1.78 (0.8)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Needle Scalers & Flux Chippers

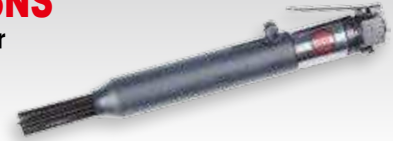
**SG-0315**

Flux Chipper



**SG-0315NS**

Needle Scaler



**SG-2288**

Flux Chipper



**SG-2288NS**

Needle Scaler



**SG-9121**

Flux Chipper



**SG-9121NS**

Needle Scaler



**SG-2280**

Needle Scaler



**SG-2100NS**

Needle Scaler



**SG-2110NS**

Needle Scaler



**SG-2111NS**

Needle Scaler



## Specifications:

Model No.	Blows Per Min. (BPM)	Needle Dia. (mm)	Needle Per Tool (Pc)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Overall Length Inch (mm)	Weight Lbs (Kg)
<b>SG-0315</b>	5,000	-	-	1/4"	3/8 (10)	7 (198)	13.1 (334)	4 (1.8)
<b>SG-0315NS</b>	4,600	3	19	1/4"	3/8 (10)	6 (170)	16.3 (414)	6 (2.7)
<b>SG-2288</b>	4,800	-	-	1/4"	3/8 (10)	2 (57)	8.5 (217)	2.4 (1.1)
<b>SG-2288NS</b>	5,000	3	12	1/4"	3/8 (10)	1.7 (48)	11.5 (291)	2.9 (1.3)
<b>SG-9121</b>	4,800	-	-	1/4"	3/8 (10)	8.5 (241)	14.2 (362)	4.6 (2.1)
<b>SG-9121NS</b>	4,600	3	19	1/4"	3/8 (10)	8.2 (232)	18 (458)	6.2 (2.8)
<b>SG-2280</b>	3,500	3 or 4	28 or 14	3/8"	3/8 (10)	7.4 (210)	13.3 (337)	7.9 (3.6)
<b>SG-2100NS</b>	3,700	2 or 3	29 or 19	1/4"	3/8 (10)	3 (85)	14.6 (370)	6.2 (2.8)
<b>SG-2110NS</b>	3,700	3	19	1/4"	3/8 (10)	3 (85)	13 (331)	6 (2.7)
<b>SG-2111NS</b>	2,500	2 or 3	66 or 49	1/4"	3/8 (10)	7.4 (210)	18 (457)	13.2 (6)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Needle Scaler & Scaling Hammer

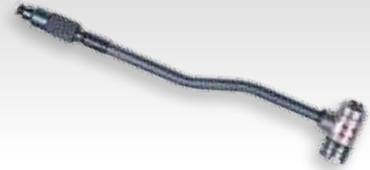
## SG-0204RNS

Needle Scaler



## SG-2200

Scaling Hammer



### Specifications:

Model No.	Blows Per Min. (BPM)	Needle Dia. (mm)	Needle Per Tool (Pc)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Overall Length Inch (mm)	Weight Lbs (Kg)
SG-0204RNS	3,200	3	19	1/4"	3/8 (10)	4 (113)	15.7 (400)	4.2 (2.2)
SG-2200	7,000	-	-	1/4"	3/8 (10)	4 (113)	22.3 (566)	4.8 (1.9)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Ratchet Wrenches

## SM-30

3/8" Ratchet Wrench

## SM-31

1/2" Ratchet Wrench



## SM-33-3100

3/8" Stubby Ratchet Wrench



## SM-32-3100

1/4" Stubby Ratchet Wrench



## SG-0735

1/2" Heavy Duty Ratchet Wrench



### Specifications:

Model No.	Free Speed (RPM)	Torque (Ft-lbs)	Square Drive	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SM-30	200	50	3/8"	1/4"	3/8 (10)	4 (113)	10.4 (265)	2.5 (1.1)
SM-31	200	50	1/2"	1/4"	3/8 (10)	4 (113)	10.4 (265)	2.5 (1.1)
SM-33-3100	300	30	3/8"	1/4"	1/4 (6)	2.5 (62)	6.6 (168)	1.1 (0.5)
SM-32-3100	300	30	1/4"	1/4"	1/4 (6)	2.5 (62)	6.6 (168)	1.1 (0.5)
SG-0735	150	90	1/2"	1/4"	3/8 (10)	5 (142)	14.4 (365)	4.4 (2)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Ratchet Wrenches Kit

## SM-31K

1/2" Ratchet Wrench Kit



### In Blow Molded Case Complete with:

- 1 pc SM-31 1/2" Ratchet Wrench
- 7 pcs Sockets : 9, 11, 12, 13, 14, 17, 19 mm
- 1 pc 3" Extension Bar
- 1 pc Universal Joint
- 1 pc Screwdriver Extension Bar
- 3 pcs Screwdriver Bit
- 1 pc Screwdriver Adaptor
- 1 pc Blow Case

# Impact Wrenches & Kit

## SG-0775

3/8" Impact Wrench

▶ Single Hammer



## SM-401

3/8" Butterfly Impact Wrench

▶ Single Hammer



## SM-401A

3/8" Butterfly Impact Wrench

## SM-4011A

1/2" Butterfly Impact Wrench



◀ with Grip

◀ Heavy-Duty

◀ Single Hammer

## SM-401AK

3/8" Butterfly Impact Wrench Kit



### In Blow Molded Case Complete with:

- 1 pc SM-401A 3/8" Butterfly Impact Wrench
- 7 pcs Socket : 8, 10, 11, 12, 13, 14, 17 & 19 mm
- 1 pc 3" Extension Bar
- 1 pc Bit Holder
- 1 pc Blow Mold Case

### Specifications:

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Maximum Torque Ft-lbs (Nm)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SG-0775	10,000	3/8 (10)	75 (101)	5~50 (7~68)	1/4"	3/8 (10)	3 (85)	5.3 (135)	2 (0.9)
SM-401	12,000	3/8 (10)	75 (101)	5~50 (7~68)	1/4"	3/8 (10)	3 (85)	5.9 (150)	2 (0.9)
SM-401A	10,000	3/8 (10)	75 (101)	5~50 (7~68)	1/4"	3/8 (10)	3 (85)	5.9 (150)	2 (0.9)
SM-4011A	10,000	1/2 (13)	75 (101)	5~50 (7~68)	1/4"	3/8 (10)	3 (85)	6.1 (156)	2 (0.9)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Impact Wrenches & Kit

## SG-0717

1/2" Impact Wrench



## SG-0717L

1/2" Impact Wrench  
- with 2" Ext. Anvil

► Pin Clutch

## SM-403

1/2" Impact Wrench



## SM-403L

1/2" Impact Wrench  
- with 2" Ext. Anvil

► Single Hammer

## SG-0716

1/2" Impact Wrench



## SG-0716L

1/2" Impact Wrench  
- with 2" Ext. Anvil

► Pin Clutch

## SG-0740

3/4" Impact Wrench



## SG-0740L

3/4" Impact Wrench  
- with 6" Ext. Anvil

► Single Hammer

## SG-0750

3/4" Impact Wrench



## SG-0750L

3/4" Impact Wrench  
- with 6" Ext. Anvil

► Pin Clutch

## SG-0751

3/4" Impact Wrench



## SG-0751L

3/4" Impact Wrench  
- with 6" Ext. Anvil

► Pin Clutch

## SM-403K-17

1/2" Impact Wrench W/Socket Set



### In Blow Molded Case Complete with:

- 1 pc SM-403 1/2" Impact Wrench
- 10 pcs Sockets : 9, 10, 11, 13, 14, 17, 19, 22, 24, 27 mm
- 1 pc 5" Extension Bar
- 1 pc Oil Pot
- 1 pc Mini Oiler
- 1 pc Hex. Wrench
- 1 pc Nipple
- 1 pc Blow Case

### Specifications:

Model No.	Bolt Capacity	Free Speed (RPM)	Maximum Torque Ft-lbs (Nm)	Square Drive	Air Inlet (NPT)	Hose Size ID Inch (mm)	Average Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SG-0717	5/8"	7,000	380 (513)	1/2"	1/4"	3/8 (10)	4.2 (119)	7.5 (191)	5.7 (2.6)
SG-0717L	5/8"	7,000	380 (513)	1/2"	1/4"	3/8 (10)	4.2 (119)	9.5 (241)	6.9 (3.1)
SM-403	5/8"	8,000	250 (339)	1/2"	1/4"	3/8 (10)	4 (113)	7.2 (182)	5.25 (2.4)
SM-403L	5/8"	8,000	250 (339)	1/2"	1/4"	3/8 (10)	4 (113)	8.3 (210)	6.25 (2.8)
SG-0716	5/8"	7,000	280 (378)	1/2"	1/4"	3/8 (10)	4 (113)	7.2 (184)	5.25 (2.4)
SG-0716L	5/8"	7,000	280 (378)	1/2"	1/4"	3/8 (10)	4 (113)	9.3 (235)	6.25 (2.8)
SG-0740	7/8"	4,500	500 (675)	3/4"	1/4"	3/8 (10)	7 (198)	9.6 (245)	10.6 (4.8)
SG-0740L	7/8"	4,500	500 (675)	3/4"	1/4"	3/8 (10)	7 (198)	15.5 (394)	11.6 (5.3)
SG-0750	1"	4,200	700 (945)	3/4"	1/4"	3/8 (10)	7 (198)	9.5 (241)	10.6 (4.8)
SG-0750L	1"	4,200	700 (945)	3/4"	1/4"	3/8 (10)	7 (198)	15.5 (394)	11.6 (5.3)
SG-0751	1"	4,800	700 (945)	3/4"	1/4"	3/8 (10)	7 (198)	9.8 (248)	11 (5)
SG-0751L	1"	4,800	700 (945)	3/4"	1/4"	3/8 (10)	7 (198)	15.7 (400)	11.6 (5.3)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)



# Impact Wrenches

## SG-0704S

1" Impact Wrench  
- with 2" Ext. Anvil

## SG-0704L

1" Impact Wrench  
- with 6" Ext. Anvil



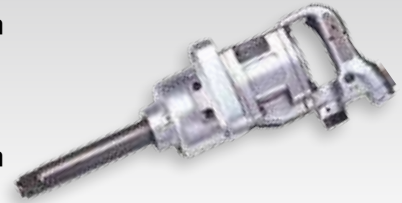
▲ Twin Hammer

## SG-0705S

1" Impact Wrench  
- with 2" Ext. Anvil

## SG-0705L

1" Impact Wrench  
- with 6" Ext. Anvil



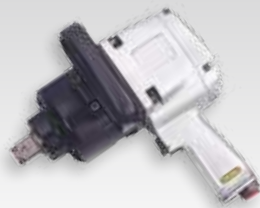
▲ Rocking Dog

## SG-0706S

1" Impact Wrench  
- with 2" Ext. Anvil

## SG-0706L

1" Impact Wrench  
- with 6" Ext. Anvil



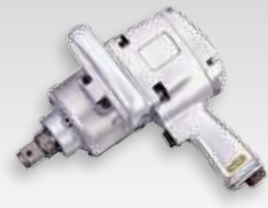
▲ Twin Hammer

## SG-0707S

1" Impact Wrench  
- with 2" Ext. Anvil

## SG-0707L

1" Impact Wrench  
- with 6" Ext. Anvil



▲ Rocking Dog

## SG-0708S

1" Impact Wrench  
- with 2" Ext. Anvil

## SG-0708L

1" Impact Wrench  
- with 6" Ext. Anvil



▲ Rocking Dog

## SG-0709S

1" Impact Wrench  
- with 2" Ext. Anvil

## SG-0709L

1" Impact Wrench  
- with 6" Ext. Anvil



▲ Rocking Dog

### Specifications:

Model No.	Bolt Capacity	Free Speed (RPM)	Maximum Torque Ft-lbs (Nm)	Square Drive	Air Inlet (NPT)	Hose Size ID Inch (mm)	Average Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SG-0704S	1-3/4"	3,500	1,800 (2,430)	1"	1/2"	1/2 (13)	12 (340)	17 (432)	24.25 (11.1)
SG-0704L	1-3/4"	3,500	1,800 (2,430)	1"	1/2"	1/2 (13)	12 (340)	22.9 (581)	24.2 (11)
SG-0705S	1-1/2"	3,500	1,200 (1,620)	1"	1/2"	1/2 (13)	12 (340)	11.9 (302)	26.6 (12)
SG-0705L	1-1/2"	3,500	1,200 (1,620)	1"	1/2"	1/2 (13)	12 (340)	16.9 (429)	27.1 (12.3)
SG-0706S	1-3/4"	3,500	1,800 (2,430)	1"	1/2"	1/2 (13)	12 (340)	11.9 (302)	19.8 (9)
SG-0706L	1-3/4"	3,500	1,800 (2,430)	1"	1/2"	1/2 (13)	12 (340)	16.9 (429)	22.2 (10)
SG-0707S	1-1/2"	3,500	1,200 (1,620)	1"	1/2"	1/2 (13)	12 (340)	11.9 (302)	24.25 (11)
SG-0707L	1-1/2"	3,500	1,200 (1,620)	1"	1/2"	1/2 (13)	12 (340)	22.9 (581)	28.4 (13)
SG-0708S	1-1/4"	4,000	1,200 (1,620)	1"	1/2"	1/2 (13)	12 (340)	14.2 (361)	22.5 (10)
SG-0708L	1-1/4"	4,000	1,200 (1,620)	1"	1/2"	1/2 (13)	12 (340)	19.2 (488)	23.5 (10.7)
SG-0709S	1-1/4"	3,500	1,200 (1,620)	1"	1/2"	1/2 (13)	12 (340)	11.1 (282)	20.5 (9.3)
SG-0709L	1-1/4"	3,500	1,200 (1,620)	1"	1/2"	1/2 (13)	12 (340)	15.6 (397)	21.5 (9.8)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Impact Wrenches

## SM-43-231F

- 1/2" Impact Wrench  
- Twin Hammer  
- Front Exhaust



## SM-43-231FRG

- 1/2" Impact Wrench  
- Twin Hammer  
- Front Exhaust  
- with Handle Grip



## SM-43-231H

- 1/2" Impact Wrench  
- Twin Hammer  
- Handle Exhaust



## SM-43-231HL

- 1/2" Impact Wrench  
- Twin Hammer  
- Handle Exhaust  
- with 2" Ext. Anvil



## SM-43-231HRG

- 1/2" Impact Wrench  
- Twin Hammer  
- Handle Exhaust  
- with Handle Grip



## SM-43-231HRGK3

- 1/2" Impact Wrench Kit



### Kit Includes:

- 1 pc SM-43-231HRG 1/2" Impact Wrench - Twin Hammer
- 10 pcs Sockets set  
incl : 9, 10, 11, 13, 14, 17, 19, 22, 24, 27 mm
- 1 pc Extension Bar
- 1 pc Universal Joint
- 1 pc Nipple
- 1 pc Blow Molded Case

## SM-43-4137

- 1/2" Impact Wrench  
- Twin Hammer  
- Handle Exhaust



**Air Regulator**

(4 Different Speeds of Forward / Reverse)

### Specifications :

Model No.	Free Speed (RPM)	Maximum Torque Ft-lbs (Nm)	Working Torque Range Ft-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Average Air Consumption CFM (L/Min)	Square Drive Inch (mm)	Length Inch (mm)	Weight Lbs (Kg)
SM-43-231F	9000	680 (922)	25~400 (34~542)	1/4"	3/8 (10)	4.2 (119)	1/2"(12.7)	7.3 (185)	5.8 (2.63)
SM-43-231FRG	9000	680 (922)	25~400 (34~542)	1/4"	3/8 (10)	4.2 (119)	1/2"(12.7)	7.3 (185)	5.8 (2.63)
SM-43-231H	8000	680 (922)	25~400 (34~542)	1/4"	3/8 (10)	4.2 (119)	1/2"(12.7)	7.3 (185)	5.8 (2.63)
SM-43-231HL	8000	680 (922)	25~400 (34~542)	1/4"	3/8 (10)	4.2 (119)	1/2"(12.7)	9.3 (237)	6 (2.7)
SM-43-231HRG	8000	680 (922)	25~400 (34~542)	1/4"	3/8 (10)	4.2 (119)	1/2"(12.7)	7.3 (185)	5.8 (2.63)
SM-43-4137	8000	820 (1,112)	25~580 (34~787)	1/4"	3/8 (10)	4.2 (119)	1/2"(12.7)	8.1 (205)	6.6 (2.98)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

## SM-701

3/8" Air Drill (2,200 RPM)  
- 2-Gears Type



## SM-748

3/8" Air Drill (4,800 RPM)  
- Full-Cage Gear Design



## SM-705

3/8" Reversible Air Drill (2,000 RPM)



## SM-706

3/8" Air Drill (2,600 RPM)  
- 3-Gear Type



## SM-703

1/2" Air Drill (500 RPM)



## SM-704

1/2" Reversible Air Drill (800 RPM)

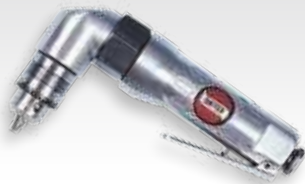


## SM-734

1/2" Reversible Air Drill (400 RPM)

## SM-709

3/8" Angle Drill (1,900 RPM)



## SM-709R

3/8" Reversible Angle Drill (1,600 RPM)



### Specifications:

Model No.	Free Speed (RPM)	Chuck Size	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Spindle Thread	Length Inch (mm)	Weight Lbs (Kg)
SM-701	2,200	3/8"	1/4"	3/8 (10)	4 (113)	3/8"-24	7.1 (180)	2.5 (1.1)
SM-748	4,800	3/8"	1/4"	3/8 (10)	4 (113)	3/8"-24	7.1 (180)	2.5 (1.1)
SM-705	2,000	3/8"	1/4"	3/8 (10)	4 (113)	3/8"-24	7.2 (183)	2.5 (1.1)
SM-706	2,600	3/8"	1/4"	3/8 (10)	4 (113)	3/8"-24	7.2 (183)	2.5 (1.1)
SM-703	500	1/2"	1/4"	3/8 (10)	4 (113)	3/8"-24	8.9 (225)	3.3 (1.5)
SM-704	800	1/2"	1/4"	3/8 (10)	4 (113)	3/8"-24	8.3 (210)	3.1 (1.4)
SM-734	400	1/2"	1/4"	3/8 (10)	4 (113)	3/8"-24	8.7 (222)	3.6 (1.6)
SM-709	1,900	3/8"	1/4"	3/8 (10)	4 (113)	3/8"-24	7.6 (193)	2 (0.9)
SM-709R	1,600	3/8"	1/4"	3/8 (10)	4 (113)	3/8"-24	8.1 (205)	2.5 (1.1)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

## SM-728

1/4" Mini Air Drill (2,800 RPM)  
- Full-Cage Gear Design



## SM-720

3/8" Air Drill (2,600 RPM)  
- Full-Cage Gear Design



## SM-725

3/8" Reversible Drill (1,800 RPM)



## SM-724

1/2" Reversible Drill (800 RPM)



## SM-702

3/8" Air Drill (2,000 RPM)  
- Full-Cage Gear Design



## SM-712

1/2" Air Drill (400 RPM)  
- Full-Cage Gear Design



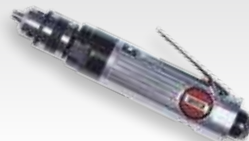
## SM-502

3/8" High Speed Drill (22,000 RPM)



## SM-710

3/8" Straight Air Drill (2,600 RPM)



## SM-746

3/8" Straight Air Drill (4,500 RPM)  
- Full-Cage Gear Design



### Specifications:

Model No.	Free Speed (RPM)	Chuck Size	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Spindle Thread	Length Inch (mm)	Weight Lbs (Kg)
SM-728	2,800	1/4"	1/4"	3/8 (10)	4 (113)	3/8"-24	5.2 (132)	1.3 (0.6)
SM-720	2,600	3/8"	1/4"	3/8 (10)	4 (113)	3/8"-24	7.9 (200)	2.6 (1.2)
SM-725	1,800	3/8"	1/4"	3/8 (10)	4 (113)	3/8"-24	7.3 (186)	2.5 (1.1)
SM-724	800	1/2"	1/4"	3/8 (10)	4 (113)	3/8"-24	8.3 (210)	3 (1.4)
SM-702	2,000	3/8"	1/4"	3/8 (10)	4 (113)	3/8"-24	6.9 (175)	2.6 (1.2)
SM-712	400	1/2"	1/4"	3/8 (10)	4 (113)	3/8"-24	8.4 (214)	3.5 (1.6)
SM-502	22,000	3/8"	1/4"	3/8 (10)	4 (113)	3/8"-24	7.8 (198)	1.7 (0.8)
SM-710	2,600	3/8"	1/4"	3/8 (10)	4 (113)	3/8"-24	8.3 (210)	2 (0.9)
SM-746	4,500	3/8"	1/4"	3/8 (10)	4 (113)	3/8"-24	8.1 (206)	2 (0.9)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Screwdrivers & Kit

## SM-802

1/4" Air Screwdriver (1,800 RPM)  
- Adjustable Clutch



## SM-803

1/4" Air Screwdriver (800 RPM)  
- Adjustable Clutch



## SM-84-8020

1/4" Air Screwdriver (1,800 RPM)  
- Positive Clutch



## SM-806

1/4" Air Screwdriver (800 RPM)  
- Positive Clutch



## SM-832

1/4" Air Screwdriver (1,800 RPM)  
- Positive Clutch



## SM-833

1/4" Air Screwdriver (800 RPM)  
- Positive Clutch



## SM-802K

Air Screwdriver Kit



### Kit Includes:

- 1 pc SM-802 1/4" Air Screwdriver
  - 7 pcs Bits
  - 1 pc Hex. Wrench
  - 1 pc Wrench
- Packed in a Carton Box.

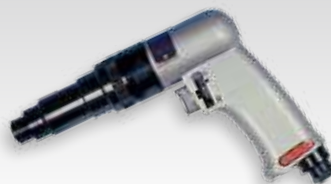
### Specifications:

Model No.	Free Speed (RPM)	Hex Drive Capacity (Inch)	Torque In-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SM-802	1,800	1/4	30-70 (3-8)	1/4"	3/8 (10)	4 (113)	8.1 (205)	2.4 (1.1)
SM-803	800	1/4	30-95 (3-11)	1/4"	3/8 (10)	4 (113)	8.9 (225)	2.9 (1.3)
SM-84-8020	1,800	1/4	115 (13)	1/4"	3/8 (10)	4 (113)	7.6 (192)	2.6 (1.2)
SM-806	800	1/4	145 (16)	1/4"	3/8 (10)	4 (113)	8 (203)	2.6 (1.2)
SM-832	1,800	1/4	115 (13)	1/4"	3/8 (10)	4 (113)	8.1 (205)	2.5 (1.1)
SM-833	800	1/4	145 (16)	1/4"	3/8 (10)	4 (113)	8.8 (223)	2.9 (1.3)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

## SM-812

1/4" Air Screwdriver (1,800 RPM)  
- Adjustable Clutch



## SM-813

1/4" Air Screwdriver (800 RPM)  
- Adjustable Clutch



## SM-84-8140

1/4" Air Screwdriver (1,800 RPM)  
- Positive Clutch



## SM-816

1/4" Air Screwdriver (800 RPM)  
- Positive Clutch



## SM-820

1/4" Air Screwdriver (2,000 RPM)  
- Positive Clutch



## SM-852

1/4" Air Screwdriver (1,800 RPM)  
- Positive Clutch



## SM-853

1/4" Air Screwdriver (800 RPM)  
- Positive Clutch



### Specifications:

Model No.	Free Speed (RPM)	Hex Drive Capacity (Inch)	Torque In-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SM-812	1,800	1/4	30-70 (3-8)	1/4"	3/8 (10)	4 (113)	8.3 (211)	2.6 (1.2)
SM-813	800	1/4	30-95 (3-11)	1/4"	3/8 (10)	4 (113)	9 (228)	2.9 (1.3)
SM-84-8140	1,800	1/4	115 (13)	1/4"	3/8 (10)	4 (113)	7.6 (194)	2.6 (1.2)
SM-816	800	1/4	145 (16)	1/4"	3/8 (10)	4 (113)	8.3 (212)	2.6 (1.2)
SM-820	2,000	1/4	115 (13)	1/4"	3/8 (10)	4 (113)	8 (203)	2.6 (1.2)
SM-852	1,800	1/4	115 (13)	1/4"	3/8 (10)	4 (113)	8 (204)	2.5 (1.1)
SM-853	800	1/4	145 (16)	1/4"	3/8 (10)	4 (113)	8.7 (222)	2.9 (1.3)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Straight Air Screwdrivers

## SM-842

1/4" Air Screwdriver (1,800 RPM)  
- Adjustable Clutch



## SM-843

1/4" Air Screwdriver (800 RPM)  
- Adjustable Clutch



## SM-844

1/4" Air Screwdriver (1,800 RPM)  
- Positive Clutch



## SM-846

1/4" Air Screwdriver (800 RPM)  
- Positive Clutch



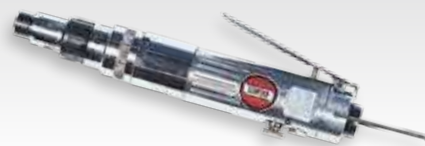
## SM-862

1/4" Air Screwdriver (1,800 RPM)  
- Positive Clutch



## SM-863

1/4" Air Screwdriver (800 RPM)  
- Positive Clutch



## SG-0905

1/4" Air Screwdriver (8,000 RPM)  
- Impact Type Clutch



## SG-0909

1/4" Air Screwdriver (1,500 RPM)  
- Adjustable Clutch



### Specifications:

Model No.	Free Speed (RPM)	Hex Drive Capacity (Inch)	Torque In-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SM-842	1,800	1/4	30-70 (3-8)	1/4"	3/8 (10)	4 (113)	9.5 (242)	2.5 (1.1)
SM-843	800	1/4	30-95 (3-11)	1/4"	3/8 (10)	4 (113)	10.2 (260)	2.6 (1.2)
SM-844	1,800	1/4	115 (13)	1/4"	3/8 (10)	4 (113)	9.1 (230)	2.5 (1.1)
SM-846	800	1/4	145 (16)	1/4"	3/8 (10)	4 (113)	9.3 (236)	2.6 (1.2)
SM-862	1,800	1/4	45-115 (5-13)	1/4"	3/8 (10)	4 (113)	9.4 (240)	2.5 (1.1)
SM-863	800	1/4	45-145 (5-16)	1/4"	3/8 (10)	4 (113)	10.2 (258)	2.6 (1.2)
SG-0905	8,000	1/4	20-60 (2-7)	1/4"	3/8 (10)	4 (113)	7 (177)	1.5 (0.7)
SG-0909	1,500	1/4	10-30 (1-3)	1/4"	3/8 (10)	4 (113)	9.1 (231)	1.33 (0.6)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Air Screwdrivers

## SM-872

1/4" Straight Air Screwdriver (1,800 RPM)  
- External Adjustable Clutch



## SM-873

1/4" Straight Air Screwdriver (800 RPM)  
- External Adjustable Clutch



## SM-882

1/4" Air Screwdriver (1,800 RPM)  
- External Adjustable Clutch



## SM-883

1/4" Air Screwdriver (800 RPM)  
- External Adjustable Clutch



### Specifications:

Model No.	Free Speed (RPM)	Hex Drive Capacity (Inch)	Torque In-lbs (Nm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SM-872	1,800	1/4	45-115 (5-13)	1/4"	3/8 (10)	4 (113)	10.6 (268)	3 (1.4)
SM-873	800	1/4	45-145 (5-16)	1/4"	3/8 (10)	4 (113)	11.3 (288)	3.3 (1.5)
SM-882	1,800	1/4	45-115 (5-13)	1/4"	3/8 (10)	4 (113)	9.2 (234)	3 (1.4)
SM-883	800	1/4	45-145 (5-16)	1/4"	3/8 (10)	4 (113)	9.9 (252)	3.3 (1.5)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Stripping Tool & Tire Buffers

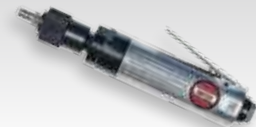
## SM-645

Stripping Tool  
- Full-Cage Gear Design



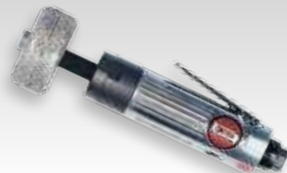
## SM-661

Tire Buffer



## SM-662

Tire Buffer



## SM-747

Tire Buffer  
- Full-Cage Gear Design



### Specifications:

Model No.	Free Speed (RPM)	Pad Size (Inch)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SM-645	4,000	3-1/2"	1/4"	3/8 (10)	3 (85)	8.5 (217)	1.7 (0.8)
SM-661	2,600	-	1/4"	3/8 (10)	4 (113)	9.3 (237)	1.25 (0.5)
SM-662	2,600	-	1/4"	3/8 (10)	4 (113)	8.2 (208)	2 (0.9)
SM-747	4,500	-	1/4"	3/8 (10)	4 (113)	33 (838)	2.6 (1.2)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)



# Family Looking Tools

## SM-582

1/4" Die Grinder - Full Size



## SM-582F

1/4" Extended Die Grinder



## SM-585

1/4" Die Grinder



▲ Full-Cage Gear Design

## SM-681

Air Tire Buffer



▲ 3-Gear Type

## SM-682

Air Tire Buffer



## SM-683

Air Tire Buffer



▲ Full-Cage Gear Design

## SM-580

3/8" High Speed Straight Air Drill



## SM-780

3/8" Straight Air Drill



## SM-781

3/8" Straight Air Drill



▲ Full-Cage Gear Design

## SM-786

3/8" Straight Air Drill



▲ Full-Cage Gear Design

## SM-284S

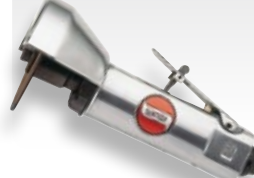
Straight Air Shear



▲ Cutting Capacity Steel 1.2mm

## SM-586

3" Cut-Off Tool



▲ Cutting Wheel : 3"

## SM-586A

3" Cut-Off Tool



▲ Swivel Guard  
▲ Cutting Wheel : 3"

### Specifications:

Model No.	Free Speed (RPM)	Collet (or Chuck) Size Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SM-582	23,000	1/4 (6)	1/4"	3/8 (10)	4 (113)	6.7 (171)	1.3 (0.6)
SM-582F	23,000	1/4 (6)	1/4"	3/8 (10)	4 (113)	13 (330)	2.2 (1.0)
SM-585	4,500	1/4 (6)	1/4"	3/8 (10)	4 (113)	8.1 (206)	1.8 (0.8)
SM-681	2,600	-	1/4"	3/8 (10)	4 (113)	9.5 (241)	2.2 (1.0)
SM-682	2,600	-	1/4"	3/8 (10)	4 (113)	8.3 (210)	2.1 (0.95)
SM-683	2,600	-	1/4"	3/8 (10)	4 (113)	9.3 (235)	2.2 (1.0)
SM-580	22,000	3/8 (10)	1/4"	3/8 (10)	4 (113)	7.9 (200)	1.8 (0.8)
SM-780	2,600	3/8 (10)	1/4"	3/8 (10)	4 (113)	8.7 (222)	2.0 (0.9)
SM-781	2,600	3/8 (10)	1/4"	3/8 (10)	4 (113)	8.1 (205)	2.0 (0.9)
SM-786	4,500	3/8 (10)	1/4"	3/8 (10)	4 (113)	8.3 (210)	2.0 (0.9)
SM-284S	2,800	-	1/4"	3/8 (10)	4 (113)	10 (254)	2.5 (1.1)
SM-586	22,000	-	1/4"	3/8 (10)	4 (113)	7.4 (188)	1.8 (0.8)
SM-586A	22,000	-	1/4"	3/8 (10)	4 (113)	7.5 (191)	1.8 (0.8)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

## SM-512

1/4" Die Grinder



## SM-532

1/4" Mini Die Grinder



## SM-512K

1/4" Die Grinder Kit



### Kit Includes:

- 1 pc SM-512 1/4" Die Grinder
- 1 pc 1/4"(6mm) Collet installed
- 1 pc Extra 1/8"(3mm) Collet
- 10 pcs Mounted Wheels
- 1 pc Blow Case

## SM-532K

1/4" Mini Die Grinder Kit



### Kit Includes:

- 1 pc SM-532 1/4" Mini Die Grinder
- 1 pc 1/4"(6mm) Collet installed
- 1 pc Extra 1/8"(3mm) Collet
- 10 pcs Mounted Wheels
- 1 pc Blow Case

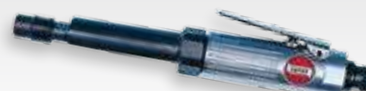
## SM-512F

1/4" Extended Die Grinder



## SM-532E

1/4" Extended Mini Die Grinder



### Specifications:

Model No.	Free Speed (RPM)	Collet Size Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SM-512	23,000	1/4 (6)	1/4"	3/8 (10)	4 (113)	6.8 (172)	1.3 (0.6)
SM-532	25,000	1/4 (6)	1/4"	3/8 (10)	4 (113)	6 (153)	0.8 (0.4)
SM-512F	23,000	1/4 (6)	1/4"	3/8 (10)	4 (113)	13.2 (335)	2.6 (1.2)
SM-532E	25,000	1/4 (6)	1/4"	3/8 (10)	4 (113)	9.7 (246)	1.3 (0.6)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Die Grinders & Cut-Off Tool

## SM-522

1/4" Angle Die Grinder



## SM-545

1/4" Hand Die Grinder



## SM-562

1/4" Mini Angle Die Grinder  
- Front Exhaust



## SM-552

1/4" Mini Die Grinder  
- Front Exhaust



▲ Full-Cage Gear Design

## SM-542

1/4" Heavy Duty Mini Angle Die Grinder



## SM-501C

1/4" Die Grinder  
- Front Exhaust



## SM-526

Cut-Off Tool  
- Metal Guard



## Features:

- **Compact, Lightweight Design**
- 90° Head for **Flexibility in Tight Spaces**
- For High-Speed Blending, Smoothing, Porting and Deburring
- 1/4" (6 mm) Collet

## SM-562K

1/4" Mini Die Grinder Kit



## Kit Includes:

- 1 pc SM-562 1/4" Mini Angle Die Grinder
- 1 pc 1/4" Collet (Installed)
- 1 pc 6 mm Collet
- 2 pcs 52227-11SUB Spanner Wrench
- 1 pc 2" Backing Pad (1/4"-20 Thread)
- 2 pcs 2" Coarse Surface Prep Pads
- 2 pcs 2" Med Surface Prep Pads
- 2 pcs 2" Fine Surface Prep Pads
- 2 pcs 2" #24 Grit Sanding Discs
- 2 pcs 2" #36 Grit Sanding Discs
- 2 pcs 2" #50 Grit Sanding Discs
- 1 pc Blow Case

## Specifications:

Model No.	Free Speed (RPM)	Collet Size Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SM-522	22,000	1/4 (6)	1/4"	3/8 (10)	4 (113)	6.1 (155)	1.1 (0.5)
SM-545	4,500	1/4 (6)	1/4"	3/8 (10)	4 (113)	8 (203)	1.4 (0.6)
SM-562	22,000	1/4 (6)	1/4"	3/8 (10)	4 (113)	5 (126)	1 (0.4)
SM-552	25,000	1/4 (6)	1/4"	3/8 (10)	4 (113)	4.8 (121)	0.6 (0.3)
SM-542	20,000	1/4 (6)	1/4"	3/8 (10)	4 (113)	5.2 (133)	1.1 (0.5)
SM-501C	22,000	1/4 (6)	1/4"	3/8 (10)	4 (113)	6.9 (174)	1.1 (0.5)
SM-526	22,000	-	1/4"	3/8 (10)	4 (113)	7.4 (188)	1.8 (0.8)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

## Features:

- Lightweight for Easy Operation
- Piston Operation for Trouble Free Use
- Simple on/off Power
- Will Write on Materials up to 60Rc Hardness

### SG-0573

Engraving Tool (3,800 BPM)  
- Steel Housing



### SG-0574

Engraving Tool (3,400 BPM)  
- Plastic Housing



### SG-0575

Engraving Tool (13,000 BPM)  
- Steel Housing



## Specifications:

Model No.	Blows Per Min. (BPM)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Hose Length Inch (mm)	Length Inch (mm)	Weight Lbs (Kg)
SG-0573	3,800	1/4"	1/4 (6)	2 (57)	59 (1,500)	6.7 (171)	0.4 (0.2)
SG-0574	3,400	1/4"	1/4 (6)	2 (57)	59 (1,500)	6.7 (171)	0.4 (0.2)
SG-0575	13,000	1/4"	1/4 (6)	1.1 (31)	58 (1,480)	6.3 (159)	0.33 (0.15)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Micro Die Grinders

### SG-0570

Micro Die Grinder (70,000 RPM)

### SG-0582

Micro Die Grinder (82,000 RPM)



### SG-0570A

Micro Angle Die Grinder (70,000 RPM)



## Specifications:

Model No.	Free Speed (RPM)	Collet Size Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SG-0570	70,000	1/8 (3)	1/4"	1/4 (6)	1.5 (42.5)	5.5 (140)	0.4 (0.2)
SG-0582	82,000	1/8 (3)	1/4"	1/4 (6)	1.5 (42.5)	5.5 (140)	0.4 (0.2)
SG-0570A	70,000	1/8 (3)	1/4"	1/4 (6)	1.5 (42.5)	7.1 (181)	0.31 (0.14)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

## SM-516

Micro Die Grinder (56,000 RPM)



## SM-516K

Micro Die Grinder Kit (56,000 RPM)

### Kit Includes:

- 1 pc SM-516 Micro Die Grinder
- 1 pc 3 mm Collet Installed
- 10 pcs 3 mm Mounted Points
- 2 pcs Collet Wrench
- 1 pc Nipple
- 1 pc Blow Case



## SM-516K-B

Micro Die Grinder Kit (56,000 RPM)

### Kit Includes:

- 1 pc SM-516 Micro Die Grinder
- 1 pc 3 mm Collet Installed
- 5 pcs 3 mm Mounted Points
- 5 pcs 3 mm Carbide Burrs
- 2 pcs Collet Wrench
- 1 pc Nipple
- 1 pc Blow Case

### Specifications:

Model No.	Free Speed (RPM)	Collet Size Inch (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SM-516	56,000	1/8 (3)	1/4"	1/4 (6)	1.5 (42.5)	5.5 (140)	0.25 (0.1)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

## SG-0404

Dual Action Quiet Sander



## SG-0420

Dual Action Sander



## SG-0416

Jitterbug Sander



## SG-0430

Straight Line Sander  
- Dual Piston



## SM-603-5

5" Random Orbital Sander  
- Orbit Dia. 5 mm



## SM-603V-5

5" Random Orbital Sander  
- Orbit Dia. 5 mm



## SM-603-6

6" Random Orbital Sander  
- Orbit Dia. 5 mm

## SM-603V-6

6" Random Orbital Sander  
- Orbit Dia. 5 mm

▲ Dust Free Type

## SG-0402

5" High Speed Sander



## SM-660

5" High Speed Sander with Regulator



### Specifications:

Model No.	Free Speed (RPM)	Pad Size (Inch)	Spindle Thread	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SG-0404	10,000	6"	5/16"-24	1/4"	3/8 (10)	4 (113)	8.2 (209)	4.4 (2)
SG-0420	10,000	6"	5/16"-24	1/4"	3/8 (10)	4 (113)	8.9 (225)	3.8 (1.7)
SG-0416	8,000	3-2/3" x 6-1/2"	-	1/4"	3/8 (10)	4 (113)	7.1 (180)	4 (1.8)
SG-0430	3,000	2-1/2" x 15-3/4"	-	1/4"	3/8 (10)	4 (113)	15.8 (401)	6.25 (3.1)
SM-603-5	10,000	5"	5/16"-24	1/4"	3/8 (10)	18 (457)	5.5 (140)	3 (1.4)
SM-603-6	10,000	6"	5/16"-24	1/4"	3/8 (10)	18 (457)	5.5 (140)	4 (1.8)
SM-603V-5	10,000	5"	5/16"-24	1/4"	3/8 (10)	18 (457)	5.2 (133)	3 (1.4)
SM-603V-6	10,000	6"	5/16"-24	1/4"	3/8 (10)	18 (457)	5.2 (133)	4 (1.8)
SG-0402	18,000	3", 4-1/2", 5-1/2"	7/16"-20	1/4"	3/8 (10)	4 (113)	5.1 (130)	2.2 (1.0)
SM-660	14,000	3", 4-1/2", 5-1/2"	7/16"-20	1/4"	3/8 (10)	4 (113)	6.1 (155)	2 (0.9)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Air Riveters

## SG-0250M

Air Rivet Nut Tool (M12)



## SG-0250U

Air Rivet Nut Tool (1/2"-13 UNC)

## SG-0300M

Air Rivet Nut Tool (M12)



## SG-0300U

Air Rivet Nut Tool (1/2"-13 UNC)

## SG-0810

Air Riveter (3/16")



## SG-0811

Air Riveter (3/16")



## SG-0814

Heavy Duty Air Riveter (1/4")



## SG-0814M

Heavy Duty Air Riveter (1/4")



## SG-0810K

Air Riveter Kit



### Specifications:

Model No.	Blind Rivet Setting Capacity	Traction Power (Lbs)	Stroke Length (Inch)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Length Inch (mm)	Weight Lbs (Kg)
SG-0250M	M12	4,800	1/4	1/4"	3/8 (10)	12.2 (310)	5.3 (2.4)
SG-0250U	1/2"-13 UNC	4,800	1/4	1/4"	3/8 (10)	12.2 (310)	5.3 (2.4)
SG-0300M	M12	6,000	1/4	1/4"	3/8 (10)	12.2 (310)	5.1 (2.3)
SG-0300U	1/2"-13 UNC	6,000	1/4	1/4"	3/8 (10)	12.2 (310)	5.1 (2.3)
SG-0810	3/16"	1,940	9/16	1/4"	3/8 (10)	10.6 (270)	4.4 (1.9)
SG-0811	3/16"	1,983	11/16	1/4"	3/8 (10)	11.8 (300)	3.3 (1.5)
SG-0814	1/4"	3,055	5/8	1/4"	3/8 (10)	11.8 (300)	4.6 (2)
SG-0814M	1/4"	3,099	5/8	1/4"	3/8 (10)	12.6 (320)	4.6 (2)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

## SG-0822

Air Body Saw



### SA-24S

24 Teeth Saw Blade for SG-0822 (Optional)

### SA-32S

32 Teeth Saw Blade for SG-0822 (Optional)

## SG-0827

Air Body Saw & Filer



## SG-0828

Air Body Saw

- with Exhaust Hose



## SG-0829

Air Body Saw



## SG-0829H

Air Body Saw

- with Exhaust Hose



## SG-0831

Air Body Saw

- Composite  
- Vibration Reduced



## SG-0832

Air Pipe Saw

- Composite  
- Vibration Reduced



## SG-0833

Air Mini Body Saw



### Specifications:

Model No.	Strokes Per Minute	Stroke Length (mm)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SG-0822	9,000	10	1/4"	3/8 (10)	4 (113)	9.3 (235)	1.2 (0.5)
SG-0827	8,000	10	1/4"	3/8 (10)	6 (150)	39.5 (1,003)	1.9 (0.7)
SG-0828	5,000	10	1/4"	3/8 (10)	4 (113)	9.8 (249)	2.4 (1.1)
SG-0829	9,000	10	1/4"	3/8 (10)	4 (113)	10.4 (263)	1.5 (0.7)
SG-0829H	9,000	10	1/4"	3/8 (10)	4 (113)	10.4 (263)	1.5 (0.7)
SG-0831	9,500	10	1/4"	3/8 (10)	3 (90)	11.8 (300)	1.1 (0.5)
SG-0832	5,000	25	1/4"	3/8 (10)	2.8 (80)	13.5 (343)	1.7 (0.8)
SG-0833	10,000	10	1/4"	3/8 (10)	2 (57)	8.2 (208)	1.0 (0.45)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)



# Window Cut-Off Knives

## SM-518 & SM-519

Auto Window Cut-Off Knife

### Accessories (Optional):

- #51851 2-1/4" Blade (57mm)
- #51854 3-1/2" Blade (90mm)
- #51852 1-3/8" Short Blade (35mm)
- #51853 1-1/4" Curved Blade (30mm)
- #51860 5/16" Scraper Blade (8mm)
- #51861 1-3/8" Serrated Blade (35mm)
- #51862 1-3/8" Blade (35mm)
- #51855 3/4" Blade (18mm)
- #51857 1-1/2" Blade (36mm)
- #51858 2-1/2" Blade (63mm)
- #51859 3-1/2" Blade (90mm)



**#51851**  
2-1/4" Blade (57mm)



**#51854**  
3-1/2" Blade (90mm)



**#51852**  
1-3/8" Short Blade (35mm)



**#51853**  
1-1/4" Curved Blade (30mm)



**#51860**  
5/16" Scraper Blade (8mm)



**#51861**  
1-3/8" Serrated Blade (35mm)



**#51862**  
1-3/8" Blade (35mm)

**#51855**  
3/4" Blade (18mm)

**#51858**  
2-1/2" Blade (63mm)

**#51857**  
1-1/2" Blade (36mm)

**#51859**  
3-1/2" Blade (90mm)



### Specifications:

Model No.	Oscillation (Cycles) Per Min.	Stroke Arc.	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
<b>SM-518</b>	20,000	3 °	1/4"	3/8 (10)	4 (113)	7.9 (200)	2.25 (1)
<b>SM-519</b>	20,000	3 °	1/4"	3/8 (10)	4 (113)	8.2 (208)	2.7 (1.2)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Punches

## SG-0692

Air Punch / Flange Tool - 5mm

## SG-0693

Air Punch / Flange Tool - 8mm



### Specifications:

Model No.	Capacity Steel (mm)	Punch (mm)	Flange Width (mm)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
<b>SG-0692</b>	0.8-1.4	5	12	3/8 (10)	4 (113)	10 (254)	2.9 (1.3)
<b>SG-0693</b>	0.8-1.4	8	12	3/8 (10)	4 (113)	10 (254)	3.1 (1.4)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Scraper

## SG-0815

Air Scraper



### Specifications:

Model No.	Bore Diameter (mm)	Blows Per Min. (BPM)	Stroke Length (mm)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SG-0815	12.7	4,500	57	3/8 (10)	4.5 (115)	9.8 (248)	1.5 (0.7)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Spray Guns

## SG-1042

Air Spray Gun



## SG-1043

Air Spray Gun



## SG-1046

Air Spray Gun



## SG-1047

Air Spray Gun



## SG-1048

Air Spray Gun



### Specifications:

Model No.	Fluid Tip Size (I.D.) (mm)	Nozzle Size (mm)	Cup Capacity	Fluid Inlet	Air Inlet (NPT)	Air Pressure (PSI)	Air Consumption CFM (L/Min)	Height Inch (mm)	Weight Lbs (Kg)	Type
SG-1042	Ø 1.5	Ø 1.5, Ø 2.0 & Ø 2.5	0.3L	1/4"	1/4"	50-70	8 (226)	11 (279)	2 (0.9)	Gravity
SG-1043	Ø 1.5	Ø 1.5, Ø 2.0 & Ø 2.5	1L	3/8"	1/4"	50-70	8 (226)	11.2 (284)	2 (0.9)	Suction
SG-1046	Ø 1.6	Ø 1.5, Ø 1.6, Ø 1.8 & Ø 2.0	1L	3/8"	1/4"	50-70	8 (226)	11.5 (292)	2.3 (1)	Suction
SG-1047	Ø 0.8	Ø 0.5, Ø 0.8 & Ø 1.5	0.25L	M14 x 1.0	1/4"	35	4.5 (127)	12.8 (325)	0.7 (0.3)	Gravity
SG-1048	Ø 1.4	Ø 1.4, Ø 1.7 & Ø 2.0	0.6L	M16 x 1.5	1/4"	50-70	8.8-11.3 (249-320)	9.5 (241)	1.6 (0.7)	Gravity

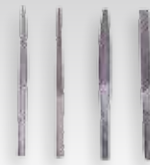
\* Recommended Air Pressure at 90 PSI (6.2 Bar)

## SG-0825

Air Filer



Accessories (Optional):



SA-0825S

4 pcs File Set

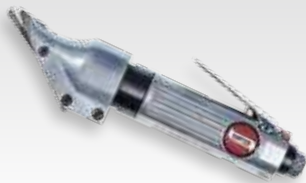
### Specifications:

Model No.	Stroke Speed (cycles/Min.)	Max. Shank Dia. Of Points	Stroke Length (mm)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SG-0825	3,700	1/4"	9	3/8 (10)	8.5 (216)	7.1 (180)	2.2 (1)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

## SM-204S

Straight Air Shear



## SM-204RG

Air Shear



## SM-204

Air Shear



### Specifications:

Model No.	Free Speed (RPM)	Cutting Capacity Steel (Gauge)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SM-204S	2,800	18	1/4"	3/8 (10)	4 (113)	10.1 (256)	2.2 (1)
SM-204RG	2,800	18	1/4"	3/8 (10)	4 (113)	9.1 (230)	2.9 (1.3)
SM-204	2,800	18	1/4"	3/8 (10)	4 (113)	9.1 (230)	2.9 (1.3)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

## SM-213

Air Nibbler  
- Pull Type



### Specifications:

Model No.	Capacity Steel (mm)	Cutting Speed (MPM)	Air Inlet (NPT)	Hose Size ID Inch (mm)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)
SM-213	1.2	2.6	1/4"	3/8 (10)	4 (113)	6.9 (176)	2 (0.9)

\* Recommended Air Pressure at 90 PSI (6.2 Bar)

# Double Suction Cups & Kits

## Features:

- Double Suction Pads for Secure Grip.
- Standard With Ratchet Tie Down for One Person Auto Glass Repair.
- Can Be Used on Glass, Plastic, Appliance, Steel, Alumium, etc.
- Each Double Pad Handle Can Lift Approximatly 240 Lbs.

### SM-911

Double Suction Cup  
- Plastic Cup



### SM-911K

Double Suction Cup Kit with Strap  
- Plastic Cup

### SM-911KNH

Double Suction Cup Kit without Strap  
- Plastic Cup



### SM-9111

Double Suction Cup  
- Big Plastic Cup



### SM-9111K

Double Suction Cup Kit with Strap  
- Big Plastic Cup



# Two Way Gun & Kit

### SG-1222

Two Way Gun



### SG-1222K

Two Way Gun Kit



#### Kit Includes:

- 1 pc SG-1222 Two Way Gun
- 1 pc Small Bore Vacuum Tube
- 1 pc Brush
- 1 pc Flat Tube



# Other Tools & Accessories

## SG-9907

Air Caulking Gun



- ▶ Capacity of Cartridge : 310 ml
- ▶ Recommended Air Pressure at 65 PSI (4.5 Bar)

## SG-025

Mini Grease Gun



- ▶ Capacity Bulk 80 cc
- ▶ Working Pressure 1000 PSI
- ▶ Chrome Plated Finish for Long Service Life



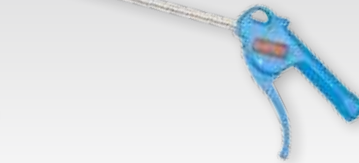
**SG-1072-1**  
1" Air Duster (25mm)



**SG-1072-4**  
4" Air Duster (130mm)



**SG-1072-10**  
10" Air Duster (250mm)



**SG-1072-20**  
20" Air Duster (500mm)



**SG-9052**  
1/4" Air Regulator (Brass)



**#61558-21**  
1/4" Air Regulator (Aluminum)



**G-301**  
Mini Oiler



**SA-12**  
Universal Air Connectors - 1/2" NPT  
**SA-14**  
Universal Air Connectors - 1/4" NPT  
**SA-38**  
Universal Air Connectors - 3/8" NPT



**SA-225**  
Nylon Air Recoil Hoses (Swivel Head) - 1/4" NPT x 25'

**SA-250**  
Nylon Air Recoil Hoses (Swivel Head) - 1/4" NPT x 50'

**SA-325**  
Nylon Air Recoil Hoses (Swivel Head) - 3/8" NPT x 25'

**SA-350**  
Nylon Air Recoil Hoses (Swivel Head) - 3/8" NPT x 50'



**SA-225PU**  
1/4" P.U. Air Recoil Hoses (Swivel Head)  
- 5mm(ID) x 8mm(OD) x 7.5m

**SA-250PU**  
1/4" P.U. Air Recoil Hoses (Swivel Head)  
- 5mm(ID) x 8mm(OD) x 15m

**SA-325PU**  
1/4" P.U. Air Recoil Hoses (Swivel Head)  
- 6.5mm(ID) x 9.5mm(OD) x 7.5m

**SA-350PU**  
1/4" P.U. Air Recoil Hoses (Swivel Head)  
- 6.5mm(ID) x 9.5mm(OD) x 15m

**SA-430PU**  
1/4" P.U. Air Recoil Hoses (Swivel Head)  
- 8mm(ID) x 12mm(OD) x 9m

**SA-450PU**  
1/4" P.U. Air Recoil Hoses (Swivel Head)  
- 8mm(ID) x 12mm(OD) x 15m

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A series of horizontal dotted lines for writing notes.

# Piping System

Air mains and lines should be large enough to avoid excessive pressure loss under conditions of maximum flow.

In air lines, as in aftercoolers, water is continually precipitated as the air cools. For this reason pipe lines should be provided with a means of draining or trapping this water before it reaches the hose outlets.

It is advisable to pitch the mains in the direction of air flow so that both gravity and air flow will carry the water to traps or water legs located at frequent intervals. These should be drained regularly and never allowed to become full and inoperative. Use of automatic traps will eliminate manual draining and the possibility of traps becoming full.

However traps which drain to sewers can waste a considerable amount of air unless regularly inspected and kept in good working order.

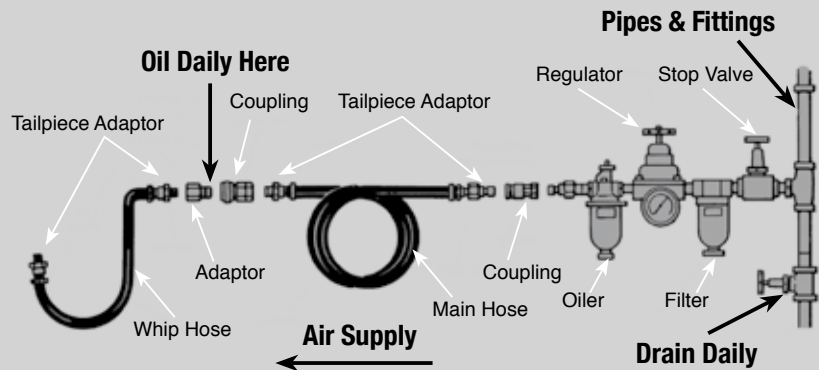
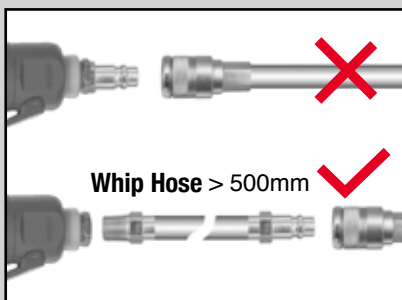
Provision for quick and positive inspection of operation and for leakage should be made when traps are installed.

Three-way cocks or stop and waste cocks in the drains are usually provided for this purpose.

To aid in preventing condensed moisture from reaching the tools, down pipes or hose connections should never be taken directly from the bottom of air pipes or mains.

Connection should be made at the top of the main and a long radius return bend used.

Leaders, valves and hose connections should be large enough to pass the maximum amount of air required by the tool or tools on the line. This is particularly important if manifolds, from which several hose lines run, are used.



## Air Regulators

Clean, dry, lubricated air at the proper pressure is the most important requirement for proper operation of air tools. SUNTECH tools are designed to operate at 90 PSI unless otherwise specified.

## Moisture Separators

On installations where the piping system does not provide clean, dry air, the use of filters at hose connection points is recommended. A good filter, kept properly drained, will remove nearly all entrained water whereas a poor one is practically useless. Most filters do not have adequate water storage capacity and, unless provided with an auxiliary storage receiver or automatic trap, soon cease to function.

## Strainers

Many tools are provided with air strainers. To eliminate air restriction these strainers must be kept clean and free of obstructions. Strainers or filters should be used at each hose outlet, particularly where pipe lines are old or are used intermittently.

## Lubrication

Many pneumatic tools, because of weight and space limitations, do not contain built-in lubricators. With such tools are line lubricators must always be used and their use is recommended with all air tools.

## Moisture Elimination

The amount of moisture carried by compressed air varies with the temperature drops after compression, water is precipitated. In order to eliminate as much water as possible, compressors should be equipped with intercoolers, aftercoolers, and full size receivers. These should be kept drained and in good working condition.

## Compressor Intake

Locate the intake to obtain the coolest, driest and cleanest air available. Intakes should be of ample size and as direct as possible. Avoid steam pipes, escaping steam and dusty or wet locations (as near roofs, floors, ground, etc...). When practical, take air from out-of-door on the north side of the building. Provide proper screening and protection. Intake filters of suitable size should be used.

# One Year Limited Warranty

The manufacturer warrants this equipment to the original user against defective material or workmanship for a period of **one year** from the date of purchase on repair parts and labor. The manufacturer's responsibility under this warranty is limited to the repair or replacement of defective part or parts.

The manufacturer reserves the right to determine whether the part or parts failed because of defective material, workmanship or other causes. Failures caused by accident, alteration, misuse or improper packaging or purposely damage or attempted to repair or returned units are not covered by this warranty.

All warranty repairs must be done by SUNTECH Pneumatic Tool Service Representative or by SUNTECH factory. Any repair to the equipment other than by these authorized facilities voids this warranty. The rights under this warranty are limited to the original user and may not be transferred to subsequent owners.

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