

PROFESSIONAL PNEUMATIC TOOLS

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Cat. #
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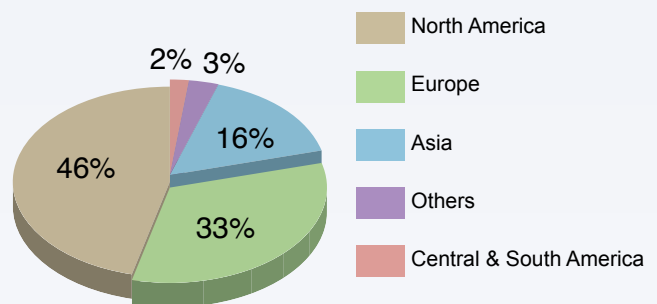
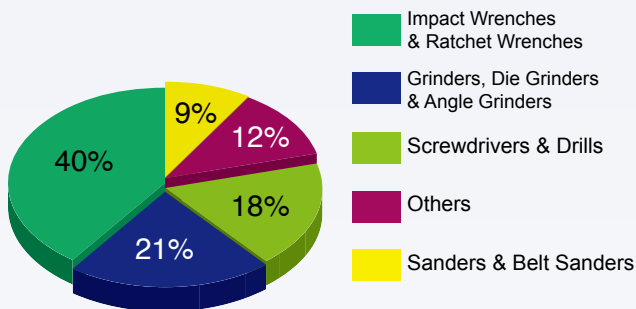


SUNMATCH
Professional Pneumatic Tools

Company Profile

- **Established** : in March 1985
- **Factory Location** : 296-1 Chung Shan Road, Chupei City, Hsinchu County 30281, Taiwan
- **Capital** : NT\$360,000,000.00 (US\$12,000,000.00)
- **Turnover** : US\$40,000,000.00
- **CEO** : Daniel Chen
- **Employee** : 180
- **Factory Land** : 6,600 m² (71,000 feet²)
- **Factory Floor** : 12,000 m² (130,000 feet²)

- > **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 Product Categories

▲ Sunmatch Sales Area



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 back grounds 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 back ground 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 lasts 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



Facilities



Contents

Part I

Impact Wrenches	6
1/2" Impact Wrench Kits	13
Mini Impact Wrenches	17
1/4" Hex Impact Drivers	17
Super Impact Wrench	19
1" Heavy Duty Impact Wrenches	21
Suspending Stands	26
Ratchet Wrenches & Impact Ratchet Wrenches	28
Impact Ratchet Wrenches	29
Stubby Ratchet Wrenches	29
Multi-Function Ratchet Wrench & Kit	30
Ratchet Wrenches & Kits	31
Utility Surface Blaster	34
Black Stripping Tool	35
Die Grinders - Heavy Industrial	38
Industrial Die Grinders	39
Mini Die Grinders	40
Family Looking Tools	44
Die Grinders - Industrial	49
Vertical Grinders - Heavy Industrial	51
Angle Grinders	52
Angle Grinders - Heavy Industrial	53
7" Angle Grinders	58
Angle Grinders & Sanders	59
7" Angle Sanders & Polishers	59
Water Feed Tools Series	60
Angle Sander, Angle Grinder & Cut-Off Tools	61
Mini Angle Grinder & Kit	62
Mini Angle Grinder / Cut-Off Tool & Kit	63
Mini Cut-Off Tools	64
Cut-Off Tools	65
3" Reversible Cut-Off Tool	68
3" Reversible Cut-Off Tools & Kit	69
Nib Removal Sanders	71
3" Buffers	71
3", 4" & 5" Gear-Driven Sanders / Polishers	72
5" & 6" Two-Hand Sanders	73
5" & 6" Oil-free Two-Hand Sanders	73
5" & 6" Random Orbital Palm Sanders	74
5" & 6" Random Oil-free Palm Sanders	76
5" & 6" & 8" Gear-Driven Sanders / Polishers	78
5" & 6" Vertical Sanders / Polishers	79
7" Vertical Sanders / Polishers	80
Reversible High Speed Sanders	80
Mini Tool Series - Composite	81
Mini Tool Series	85
Finger Sanders	91
Air Trimmer	91
Belt Sanders & Kit	92
Auto Shut-Off Screwdrivers	98
1/4" Air Screwdrivers - Direct Drive	105
1/4" Industrial Air Screwdrivers	107
1/4" Mini Air Drills	116
3/8" & 1/2" Air Drills	118
3/8" Heavy Duty Angle Drills	124
Air Metal Shears	124

Contents

<i>Spot Drill & Kit</i>	126
<i>Bead Breaker</i>	127
<i>Wheel Bolt Cleaner Kit</i>	128
<i>3/8" Heavy-Duty Air Drill</i>	129
<i>13mm & 16mm Heavy-Duty Industrial Pneumatic Drills</i>	130
<i>Four Bolt Chipping Hammers</i>	131
<i>Paving Breakers</i>	133
<i>Air Scribe and Engraving Chisel</i>	134
<i>Exhaust Hose Assembly</i>	135
<i>Comfort Grips</i>	136

■ ■ Part II

<i>Hammers & Kits</i>	138
<i>Hammers</i>	140
<i>Flux Chipper</i>	140
<i>Needle Scalars & Flux Chippers</i>	141
<i>Needle Scaler & Scaling Hammer</i>	142
<i>Ratchet Wrenches</i>	142
<i>Ratchet Wrenches & Kit</i>	143
<i>Impact Wrenches & Kit</i>	143
<i>Impact Wrenches</i>	146
<i>Air Straight Drills</i>	146
<i>Air Drills</i>	147
<i>Screwdrivers & Kit</i>	149
<i>Screwdrivers</i>	150
<i>Straight Air Screwdrivers</i>	151
<i>Air Screwdrivers</i>	152
<i>Stripping Tool & Tire Buffers</i>	152
<i>Family Looking Tools</i>	153
<i>Die Grinders</i>	154
<i>Die Grinders & Cut-Off Tool</i>	155
<i>Engraving Tools</i>	156
<i>Micro Die Grinders</i>	156
<i>Sanders</i>	157
<i>Air Riveters</i>	158
<i>Saws</i>	159
<i>Window Cut-Off Knives</i>	160
<i>Punches</i>	160
<i>Scraper</i>	161
<i>Spray Guns</i>	161
<i>Filer / Shears / Nibbler</i>	162
<i>Double Suction Cups & Kits</i>	163
<i>Other Tools & Accessories</i>	163
<i>Tools Index</i>	i



SUNMATCH
Professional Pneumatic Tools



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)



Forward

Reverse

► One Hand - Forward / Reverse

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

SM-41-4012P

3/8" Impact Wrench



SM-43-4012P

1/2" Mini Impact Wrench

> Breakaway Torque :
500 Ft-lbs (678 Nm)



SM-43-4033P

1/2" Impact Wrench

> Breakaway Torque :
1,300 Ft-lbs (1,756 Nm)



SM-43-4033PL

1/2" Impact Wrench

- with 2" Ext. Anvil



Specifications:

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Maximum Torque Ft-lbs (Nm) (Reverse)	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)	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)	820 (1,112)	50~580 (68~786)	1/4"	3/8 (10)	4 (113)	7-3/16 (183)	4 (1.9)	83
SM-43-4033PL	7,000	1/2 (13)	820 (1,112)	50~580 (68~786)	1/4"	3/8 (10)	4 (113)	9-1/4 (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) (Reverse)	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)	8-1/2 (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)	14-1/2 (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)	8-3/4 (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)	14-1/2 (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)
Reverse 624 Nm (460 ft.lbs) for SM-43-4012A
Reverse 1,112 Nm (820 ft.lbs) for SM-43-4033A
- Available Optional Exhaust Hose Assembly
- Handle Exhaust
- 360° Swivel Air Inlet
- **Lightweight 4 Lbs (1.9 Kg)**
- **Low Noise 83 dB(A)**

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



Torque Controlled

TORQUE CONTROLLED	
Forward	90-130 Nm (66-96 ft.lbs)
Reverse	1,112 Nm (820 ft.lbs)
MODEL : SM-43-4033A	



EH-43-4033SUB Exhaust Hose Assembly (Optional)



Connectable with Hose

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



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

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) (Reverse)	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-43-4012A	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-43-4033A	3,500 / 8,000	1/2 (13)	66~96 (90~130)	820 (1,112)	1/4"	3/8 (10)	4 (113)	7-3/16 (183)	4 (1.9)	83

* Recommended Air Pressure at 90 PSI (6.2 Bar)

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

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)	7-3/16 (183)	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)

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

> Breakaway Torque :
500 Ft-lbs (678 Nm)



SM-43-4034P

1/2" Impact Wrench

> Breakaway Torque :
1,300 Ft-lbs (1,756 Nm)



SM-43-4034PL

1/2" Impact Wrench

- with 2" Ext. Anvil



Specifications :

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Maximum Torque Ft-lbs (Nm) (Reverse)	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-41-4024P	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)	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)	820 (1,112)	50-580 (68-786)	1/4"	3/8 (10)	4 (113)	7-1/4 (183)	4 (1.9)	83
SM-43-4034PL	7,000	1/2 (13)	820 (1,112)	50-580 (68-786)	1/4"	3/8 (10)	4 (113)	9-1/4 (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 83 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) (Reverse)	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)	8-1/2 (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)	14-1/2 (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)	8-3/4 (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)	14-1/2 (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

Features:

- Composite Motor Housing
Double Injection
- Lightweight 1.9 Kg (4 Lbs)
- Handle Exhaust
- Low Noise 83 dB(A)
- **Twin Hammer Clutch Mechanism**
- Dial Style Forward / Reverse with 3 Speeds
in Forward and Full Power Reverse
- Available Optional Exhaust Hose Assembly

SM-43-4036P

1/2" Impact Wrench



Forward / Reverse
& Air Regulator

Composite



► EH-43-4033SUB (Option)



► Connectable with Hose (Option)

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-43-4036P	7,000	1/2 (13)	780 (1,054)	50~550 (68~746)	1/4"	3/8 (10)	4 (113)	7-1/4 (183)	4 (1.9)	83

* Recommended Air Pressure at 90 PSI (6.2 Bar)

1/2" Impact Wrench Kits

Features:

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

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

SM-43-4033PK2

1/2" Impact Wrench Kit



► Sockets set for **SM-43-4033PK2**

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

SM-43-4033PK

1/2" Impact Wrench Kit



► For **1/2" Impact Wrench Series.**

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)	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-43-4033P	7,000	1/2 (13)	820 (1,112)	50~580 (68~786)	1/4"	3/8 (10)	4 (113)	7-3/16 (183)	4 (1.9)	83

* Recommended Air Pressure at 90 PSI (6.2 Bar)

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

> Breakaway Torque :
1,300 Ft-lbs (1,756 Nm)



SM-43-4039PL

1/2" Impact Wrench

- with 2" Ext. Anvil



Specifications:

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Maximum Torque Ft-lbs (Nm) (Reverse)	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)	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)	820 (1,112)	50~580 (68~786)	1/4"	3/8 (10)	4 (113)	7-3/16 (183)	4 (1.9)	83
SM-43-4039PL	7,000	1/2 (13)	820 (1,112)	50~580 (68~786)	1/4"	3/8 (10)	4 (113)	9-1/4 (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-43-4033SUB (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) (Reverse)	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)	8-1/2 (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)	14-1/2 (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)	8-3/4 (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)	14-1/2 (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

Features:

- Composite Motor Housing
- **Twin Hammer Clutch Mechanism**
- Max. Torque : **Tightening 90-130 Nm** (66-96 ft.lbs)
Reverse 624 Nm (460 ft.lbs) for SM-43-4019A
Reverse 1,112 Nm (820 ft.lbs) for SM-43-4039A
- Available Optional Exhaust Hose Assembly
- Handle Exhaust
- 360° Swivel Air Inlet
- **Lightweight 4 Lbs (1.9 Kg)**
- **Low Noise 83 dB(A)**

Torque Controlled



SM-43-4019A

1/2" Mini Impact Wrench



SM-43-4039A

1/2" Impact Wrench



Specifications:

Model No.	Free Speed (F/R) (RPM)	Anvil Size Inch (mm)	Tightening Torque Ft-lbs (Nm)	Maximum Torque Ft-lbs (Nm) (Reverse)	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)	7-3/16 (183)	4 (1.9)	83

* 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

Patent No.
US D582,236 S / US D582,237 S
TW M346502 / M346497
Patent Pending in Multi-Countries

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



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 (154)	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 (154)	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 (154)	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 (154)	2.2 (1.0)	83

* Recommended Air Pressure at 90 PSI (6.2 Bar)

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)	25~70 (34~95)	1/4"	3/8 (10)	4 (113)	6-1/8 (155)	2.2 (1.0)	84
SM-48-7254P	11,000	1/4	75 (102)	25~70 (34~95)	1/4"	3/8 (10)	4 (113)	6-1/8 (155)	2.2 (1.0)	84

* Recommended Air Pressure at 90 PSI (6.2 Bar)

1/2" Impact Wrenches

Features:

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

SM-43-4131P2

1/2" Impact Wrench - Pin Clutch



SM-43-4131P1

1/2" Impact Wrench - Twin Hammer



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)	Length Inch (mm)	Weight Lbs (Kg)
SM-43-4131P1	9,000	780 (1,054)	50~550 (68~746)	1/4"	3/8 (10)	4.2 (120)	7-3/8 (186)	4.6 (2.1)
SM-43-4131P2	8,000	780 (1,054)	50~550 (68~746)	1/4"	3/8 (10)	4.2 (120)	7-5/8 (192)	4.6 (2.1)

*Recommended Air Pressure at 90 PSI (6.2 Bar)

Super Impact Wrench

SM-43-4038P

1/2" Super Impact Wrench

NEW

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



> Breakaway Torque : 1,300 Ft-lbs (1,756 Nm)

Specifications:

Model No.	Free Speed (RPM)	Anvil Size Inch (mm)	Maximum Torque Ft-lbs (Nm) (Reverse)	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)	950 (1,288)	50~580 (68~786)	1/4"	3/8 (10)	4 (113)	7-3/8 (185)	4.3 (1.94)	89

* Recommended Air Pressure at 90 PSI (6.2 Bar)

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) (Reverse)	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)	6-1/4 (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)	6-1/4 (156)	3.5 (1.6)
SM-43-4037G	8,000	1/2 (13)	900 (1,220)	50~700 (68~949)	1/4"	3/8 (10)	6 (170)	7-3/8 (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)	8-3/4 (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)	8-7/8 (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)	14-3/4 (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)	14 (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)	20 (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)	22 (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)	20.2 (514)	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)	22-1/2 (520)	24.3 (11)

* Recommended Air Pressure at 90 PSI (6.2 Bar)

1" Heavy 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**



Crank Back Handle Side Exhaust to Direct Exhaust Air away from the Side.



► Safe Twist Handle Design



SM-47-4073

1" Heavy Duty Impact Wrench

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



SM-47-4073L7

1" Heavy Duty 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" Heavy Duty 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" Heavy Duty Impact Wrench

- Twin Hammer
- Anvil Length : 7.1" (210 mm)
- Max. Torque : 1,600 Ft-lbs (2,170 Nm)
- Weight : 7.3 kgs

SM-47-4073L8Q (Lower Noise)

1" Heavy Duty Impact Wrench

- 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) (Reverse)	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)	12-3/4 (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)	17-3/16 (437)	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)	18-3/8 (467)	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)	17-3/16 (437)	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)	18-3/8 (467)	16.5 (7.5)	89

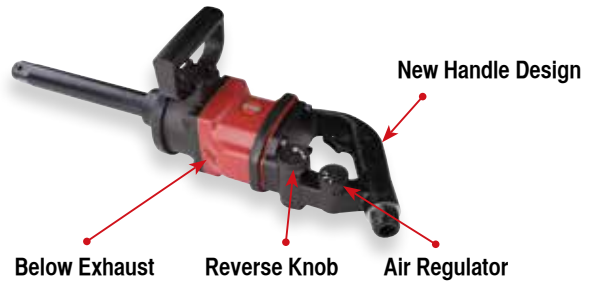
* Recommended Air Pressure at 90 PSI (6.2 Bar)

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

1" Heavy 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" Heavy Duty Impact Wrench

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



SM-47-4076L7

1" Heavy Duty 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" Heavy Duty 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) (Reverse)	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)	14-7/8 (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)	20-9/16 (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)	21-9/16 (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) (Reverse)	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-47-4075	5,000	1 (25.4)	2,500 (3,390)	360~1,600 (488~2,169)	1/2"	1/2 (13)	10 (282)	11-7/16 (290)	21.8 (9.9)
SM-47-4075L6	5,000	1 (25.4)	2,500 (3,390)	360~1,600 (488~2,169)	1/2"	1/2 (13)	10 (282)	15-3/8 (391)	23.6 (10.7)
SM-47-4075L8	5,000	1 (25.4)	2,500 (3,390)	360~1,600 (488~2,169)	1/2"	1/2 (13)	10 (282)	17-3/8 (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" 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-47-4074



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) (Reverse)	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-47-4074	6,000	1 (25.4)	1,800 (2,441)	220~1,450 (300~1,965)	1/2"	1/2 (13)	10 (282)	9-3/4 (247)	13.9 (6.3)
SM-47-4074L7	6,000	1 (25.4)	1,800 (2,441)	220~1,450 (300~1,965)	1/2"	1/2 (13)	10 (282)	15-3/8 (390)	15.7 (7.1)
SM-47-4074L8	6,000	1 (25.4)	1,800 (2,441)	220~1,450 (300~1,965)	1/2"	1/2 (13)	10 (282)	16-5/16 (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

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>



Patent No.

TAIWAN No. 158779
Patents pending in other countries

Specifications :

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

* Recommended Air Pressure at 90 PSI (6.2 Bar)

SM-0915

Suspending Stand

- Capacity 9 ~ 15 Kgs (19 ~ 33 Lbs)

SM-1522

Suspending Stand

- Capacity 15 ~ 22 Kgs (33 ~ 48 Lbs)

Cable

- Swivel freely
- Vertical movement resistance is adjustable

Swing Arm
Swivel 45°

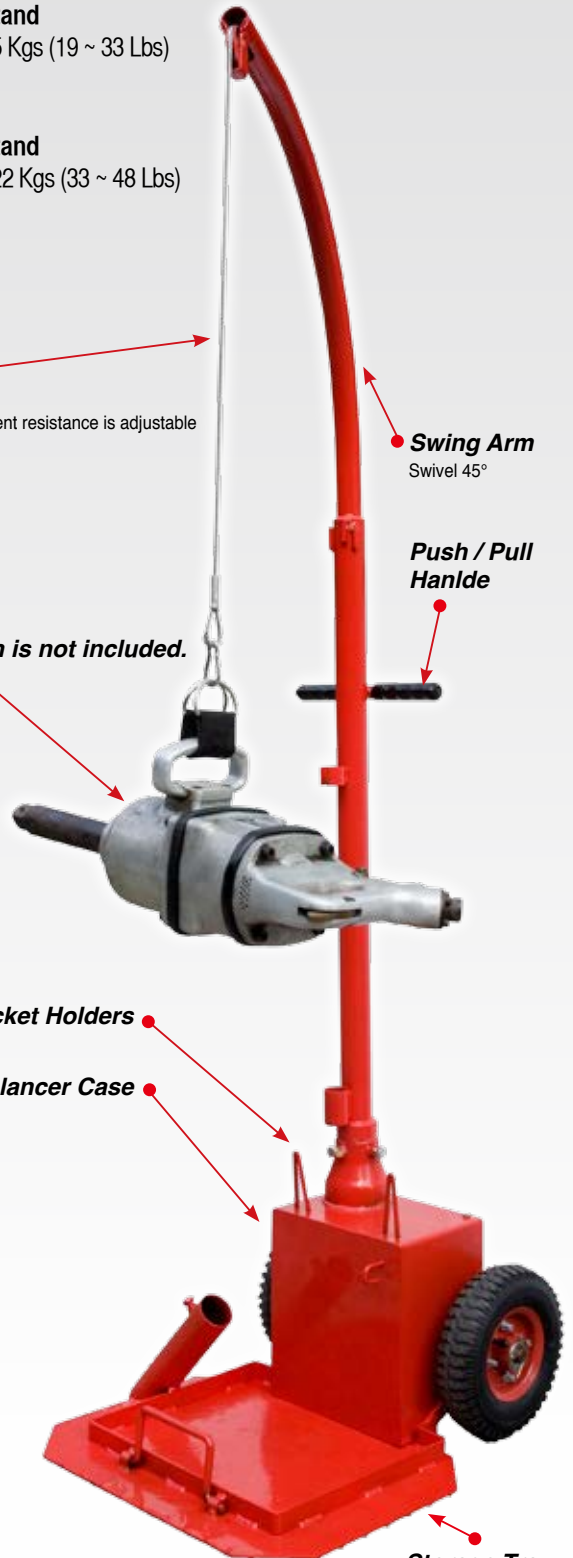
Push / Pull Handle

Impact Wrench is not included.

Socket Holders

Spring Balancer Case

Storage Tray
For nuts & bolts





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)	7-3/4 (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)	7-3/4 (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 (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 (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)**



SM-33-3117

3/8" Impact Ratchet Wrench

SM-34-3117

1/2" Impact Ratchet Wrench

Pin Clutch
Impact Mechanism

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)**

SM-32-3015

1/4" Stubby Ratchet Wrench



#32-301538
Standard Anvil



5-1/4" (133 mm)

SM-33-3015

3/8" Stubby Ratchet Wrench



#33-301538-11
Standard Anvil (Option)



#33-301538-12
Wobble Anvil



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-33-3117	600	3/8 (9.5)	90 (122)	1/4"	3/8 (10)	4 (113)	11 (280)	2.82 (1.28)	90
SM-34-3117	600	1/2 (12.7)	90 (122)	1/4"	3/8 (10)	4 (113)	11 (280)	2.82 (1.28)	90
SM-32-3015	350	1/4 (6)	30 (40.7)	1/4"	3/8 (10)	4 (113)	5-1/4 (133)	1.1 (0.5)	85
SM-33-3015	350	3/8 (10)	30 (40.7)	1/4"	3/8 (10)	4 (113)	5-1/4 (133)	0.9 (0.4)	85

* 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)	6-1/8 (155)	1.1 (0.5)	85

* Recommended Air Pressure at 90 PSI (6.2 Bar)

Ratchet Wrenches & Kits

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)**

Quiet Series



► Operation of Ratchet Wrench

SM-32-3022

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



SM-33-3022

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

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)	7-3/4 (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)	7-3/4 (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 (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 (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)**

Quiet Series

SM-32-3012

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

SM-33-3012

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



SM-32-3014

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

SM-33-3014

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



Rotating Air Inlet and Exhaust



SM-33-3013

3/8" Air Ratchet Wrench

SM-34-3013

1/2" Air Ratchet Wrench

Patent No.

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

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

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)	7-3/4 (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)	7-3/4 (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 (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 (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)	11 (280)	2.6 (1.2)	83
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)

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:

- Open Web Resists Loading Even from Soft Coating
- 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

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
- **SA-6903RW** Rubber Eraser
- **SA-6902RH** Adaptor for Rubber Eraser & 23mm Wire Brush
- **SA-6903RH** Adaptor for Rubber Eraser & 23mm Wire Brush
- **SA-6902WH** Adaptor for 11mm Wire Brush
- **SA-6903WH** Adaptor for 11mm Wire Brush

SM-6902

Utility Surface Blaster (Tool Only)



Everything in a carton box



▲ The White Box for SM-6902K-7

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



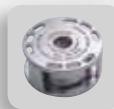
#0511
11mm Wire Brush
(Fine)



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



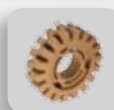
#0711
11mm Wire Brush
(Coarse)



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 / SCFM (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 - Heavy Industrial

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)

SM-50-241S

Die Grinder 24,000 RPM
(Front Exhaust)



- Safety Throttle Lever
- Built-in Comfort Grip

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)



- Ring Throttle

SM-50-281R

Die Grinder 24,000 RPM
(Front Exhaust)

SM-50-290S

Die Grinder 24,000 RPM
(Side Exhaust)



- Safety Throttle Lever

SM-50-291S

Die Grinder 24,000 RPM
(Front Exhaust)

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	Air Inlet	Hose Size ID Inch (mm)	Power		Capacity				Collet Size		Max Air Cons. m ³ /Min	Length		Weight		Noise Level dB(A)
		RPM			Watt	HP	Grinding Wheel		Burr Head		mm	in		Inch	mm	Lbs	Kg	
							mm	in	mm	in								
SM-50-240N	Lever	24,000	1/4	3/8 (10)	257	0.35	25	1	13	1/2	6	1/4	0.40	6.8	172	1.16	0.53	83
SM-50-241N	Lever	24,000	1/4	3/8 (10)	257	0.35	25	1	13	1/2	6	1/4	0.40	6.8	172	1.16	0.53	83
SM-50-240S	Lever	24,000	1/4	3/8 (10)	257	0.35	25	1	13	1/2	6	1/4	0.40	6.8	172	1.21	0.55	83
SM-50-241S	Lever	24,000	1/4	3/8 (10)	257	0.35	25	1	13	1/2	6	1/4	0.40	6.8	172	1.21	0.55	83
SM-50-250N	Lever	24,000	1/4	3/8 (10)	257	0.35	25	1	13	1/2	6	1/4	0.40	7.6	194	1.65	0.72	83
SM-50-250S	Lever	24,000	1/4	3/8 (10)	257	0.35	25	1	13	1/2	6	1/4	0.40	7.6	194	1.65	0.75	83
SM-50-250R	Ring	24,000	1/4	3/8 (10)	257	0.35	25	1	13	1/2	6	1/4	0.40	8	203	1.67	0.76	83
SM-50-280R	Ring	24,000	1/4	3/8 (10))	257	0.35	25	1	13	1/2	6	1/4	0.40	6.7	170	1.23	0.56	83
SM-50-281R	Ring	24,000	1/4	3/8 (10)	257	0.35	25	1	13	1/2	6	1/4	0.40	6.7	170	1.23	0.56	83
SM-50-290N	Lever	24,000	1/4	3/8 (10)	257	0.35	25	1	13	1/2	6	1/4	0.40	6.8	173	1.32	0.6	83
SM-50-291N	Lever	24,000	1/4	3/8 (10)	257	0.35	25	1	13	1/2	6	1/4	0.40	6.8	173	1.32	0.6	83
SM-50-290S	Lever	24,000	1/4	3/8 (10)	257	0.35	25	1	13	1/2	6	1/4	0.40	6.8	173	1.36	0.62	83
SM-50-291S	Lever	24,000	1/4	3/8 (10)	257	0.35	25	1	13	1/2	6	1/4	0.40	6.8	173	1.36	0.62	83
SM-5E-260N	Lever	24,000	1/4	3/8 (10)	257	0.35	25	1	13	1/2	6	1/4	0.40	11.8	300	2.2	0.98	83
SM-5E-261N	Lever	24,000	1/4	3/8 (10)	257	0.35	25	1	13	1/2	6	1/4	0.40	11.8	300	2.2	0.98	83
SM-5E-260S	Lever	24,000	1/4	3/8 (10)	257	0.35	25	1	13	1/2	6	1/4	0.40	11.8	300	2.2	1	83
SM-5E-261S	Lever	24,000	1/4	3/8 (10))	257	0.35	25	1	13	1/2	6	1/4	0.40	11.8	300	2.2	1	83
SM-5E-260R	Ring	24,000	1/4	3/8 (10))	257	0.35	25	1	13	1/2	6	1/4	0.40	11.7	297	1.98	0.9	83
SM-5E-261R	Ring	24,000	1/4	3/8 (10)	257	0.35	25	1	13	1/2	6	1/4	0.40	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)	Horse Power HP (Kw)
SM-5001	12,000	1/4 (6)	1/4"	3/8 (10)	4 (113)	-	12-1/2 (317.5)	2.9 (1.3)	0.5 (0.37)
SM-53-5530	32,000	1/4 (6)	1/4"	3/8 (10)	4 (113)	-	7 (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)	7.5 (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
- 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)



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)	6-7/16 (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)	6-7/16 (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)	6-1/2 (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)	6-1/2 (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)	7-15/16 (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)	7-15/16 (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)	10-1/4 (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)	10-1/4 (258)	1.5 (0.7)	79

* Recommended Air Pressure at 90 PSI (6.2 Bar)

Mini Die Grinders

Features:

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

Patent No.
US 525 500S / US 7073774B2
EU 000 345723
TW D1190499 / M263196



► Operation of Mini Die Grinder



EH-522SUB
Exhaust Hose Assembly (Optional)



SM-52-5227K

1/4" 90° Angle Die Grinder Kit



Kit Includes:

- > 1 pc SM-52-5227 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

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)	6-1/4 (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)	6-1/4 (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)	6-1/2 (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)	6-1/2 (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)	7-3/4 (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)	7-3/4 (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 (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 (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)**



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
Pin Strip 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
High Speed Tire Buffer

Patent No.
US 525 500S / DE20 2006 016 578U1
EU 000 345723
TW D1190499 / M302447 / M308838

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)	7-3/8 (188)	1.5 (0.7)	79
SM-54-3011B	4,000	1/4 (6)	1/4"	3/8 (10)	4 (113)	8-9/16 (218)	1.5 (0.7)	79
SM-5F-3011B	20,000	1/4 (6)	1/4"	3/8 (10)	4 (113)	13-11/16 (348)	3.0 (1.4)	79
SM-6K-3011B	4,000	-	1/4"	3/8 (10)	4 (113)	8-7/8 (226)	2.1 (0.95)	79
SM-6F-3011B	2,500	-	1/4"	3/8 (10)	4 (113)	10 (254)	2.4 (1.1)	79
SM-29-3011B	2,500	-	1/4"	3/8 (10)	4 (113)	10-3/8 (264)	2.7 (1.2)	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)	9-1/2 (241)	2.4 (1.1)	79
SM-7A-3011B	2,500	3/8 (10)	1/4"	3/8 (10)	4 (113)	9-5/16 (236)	2.2 (1.0)	79
SM-7B-3011B	4,000	3/8 (10)	1/4"	3/8 (10)	4 (113)	9-5/16 (236)	2.2 (1.0)	79
SM-7L-3011B	20,000	3/8 (10)	1/4"	3/8 (10)	4 (113)	9-5/16 (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



SM-54-3011X
1/4" Die Grinder

► Full-Cage Gear Design



SM-5F-3011X
1/4" Extended Die Grinder



SM-6K-3011X
Pin Strip 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
High Speed Tire Buffer

Patent No.
US 525 498S / US 525 499S / DE20 2006 016 578U1
EU 000 345707 / EU 000 345715
TW D115820 / M302447 / M308838

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)	7-3/8 (188)	1.5 (0.7)	79
SM-54-3011X	4,000	1/4 (6)	1/4"	3/8 (10)	4 (113)	8-9/16 (218)	1.5 (0.7)	79
SM-5F-3011X	20,000	1/4 (6)	1/4"	3/8 (10)	4 (113)	13-11/16 (348)	3.0 (1.4)	79
SM-6K-3011X	4,000	-	1/4"	3/8 (10)	4 (113)	8-7/8 (226)	2.1 (0.95)	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)	10-3/8 (264)	2.7 (1.2)	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)	9-1/2 (241)	2.4 (1.1)	79
SM-7A-3011X	2,500	3/8 (10)	1/4"	3/8 (10)	4 (113)	9-5/16 (236)	2.2 (1.0)	79
SM-7B-3011X	4,000	3/8 (10)	1/4"	3/8 (10)	4 (113)	9-5/16 (236)	2.2 (1.0)	79
SM-7L-3011X	20,000	3/8 (10)	1/4"	3/8 (10)	4 (113)	9-5/16 (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



SM-54-3011Y
1/4" Die Grinder

► Full-Cage Gear Design



SM-5F-3011Y
1/4" Extended Die Grinder



SM-6K-3011Y
Pin Strip 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
High Speed Tire Buffer

Patent No.

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

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)	7-3/8 (188)	1.5 (0.7)	79
SM-54-3011Y	4,000	1/4 (6)	1/4"	3/8 (10)	4 (113)	8-9/16 (218)	1.5 (0.7)	79
SM-5F-3011Y	20,000	1/4 (6)	1/4"	3/8 (10)	4 (113)	13-11/16 (348)	3.0 (1.4)	79
SM-6K-3011Y	4,000	-	1/4"	3/8 (10)	4 (113)	8-7/8 (226)	2.1 (0.95)	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)	10-3/8 (264)	2.7 (1.2)	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)	9-1/2 (241)	2.4 (1.1)	79
SM-7A-3011Y	2,500	3/8 (10)	1/4"	3/8 (10)	4 (113)	9-5/16 (236)	2.2 (1.0)	79
SM-7B-3011Y	4,000	3/8 (10)	1/4"	3/8 (10)	4 (113)	9-5/16 (236)	2.2 (1.0)	79
SM-7L-3011Y	20,000	3/8 (10)	1/4"	3/8 (10)	4 (113)	9-5/16 (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



SM-54-3011Z
1/4" Die Grinder

► Full-Cage Gear Design



SM-5F-3011Z
1/4" Extended Die Grinder



SM-6K-3011Z
Pin Strip 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
High Speed Tire Buffer

Patent No.

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

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)	7-3/8 (188)	1.5 (0.7)	79
SM-54-3011Z	4,000	1/4 (6)	1/4"	3/8 (10)	4 (113)	8-9/16 (218)	1.5 (0.7)	79
SM-5F-3011Z	20,000	1/4 (6)	1/4"	3/8 (10)	4 (113)	13-11/16 (348)	3.0 (1.4)	79
SM-6K-3011Z	4,000	-	1/4"	3/8 (10)	4 (113)	8-7/8 (226)	2.1 (0.95)	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)	10-3/8 (264)	2.7 (1.2)	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)	9-1/2 (241)	2.4 (1.1)	79
SM-7A-3011Z	2,500	3/8 (10)	1/4"	3/8 (10)	4 (113)	9-5/16 (236)	2.2 (1.0)	79
SM-7B-3011Z	4,000	3/8 (10)	1/4"	3/8 (10)	4 (113)	9-5/16 (236)	2.2 (1.0)	79
SM-7L-3011Z	20,000	3/8 (10)	1/4"	3/8 (10)	4 (113)	9-5/16 (236)	1.5 (0.7)	79

* Recommended Air Pressure at 90 PSI (6.2 Bar)

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	22,000	1/4 (6) or 1/8 (3)	1/4"	3/8 (10)	4 (113)	6-11/16 (170)	1.2 (0.5)	83
SM-575P	4,500	1/4 (6) or 1/8 (3)	1/4"	3/8 (10)	4 (113)	6-1/4 (210)	1.3 (0.6)	83
SM-572FP	22,000	1/4 (6) or 1/8 (3)	1/4"	3/8 (10)	4 (113)	12-31/32 (330)	2.6 (1.2)	83
SM-671P	2,600	-	1/4"	3/8 (10)	4 (113)	8-15/32 (215)	1.9 (0.9)	83
SM-576P	22,000	3 (75)	1/4"	3/8 (10)	4 (113)	7-9/32 (185)	1.5 (0.7)	83

* Recommended Air Pressure at 90 PSI (6.2 Bar)

Die Grinder - Industrial

SM-50-5200

Die Grinder - Industrial

Features:

- **1.0 HP** Motor
- Safety Throttle Lever
- Rear Exhaust
- Erickson Collet

NEW

1.0 HP



► Industry Standard Erickson Collet

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)	Horse Power HP (Kw)
SM-50-5200	22,000	1/4 (6)	1/4"	3/8 (10)	5.3 (150)	7-7/8 (200)	1.8 (0.8)	1.0 (0.7)

*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)	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)	12-3/4 (325)	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)	13 (328)	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)	11-3/4 (300)	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)	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)	13-1/8 (333)	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)	13-1/4 (337)	12.1 (5.5)

* Recommended Air Pressure at 90 PSI (6.2 Bar)

Angle Grinders

NEW

Features:

- With Speed Governor
- 9 Position Adjustable Swivel Guard
- Rear Exhaust
- **0.88 HP Motor**
- Lightweight **3.5 Lbs (1.6 Kgs)**

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)	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-5B-6414S/38	12,000	4 (100)	3/8"-24	1/4"	3/8 (10)	3.7 (105)	9-3/4 (246)	3.5 (1.6)
SM-5B-6414S/M10	12,000	4 (100)	M10x1.5	1/4"	3/8 (10)	3.7 (105)	9-3/4 (246)	3.5 (1.6)
SM-5C-6414S/38	12,000	4-1/2 (115)	3/8"-24	1/4"	3/8 (10)	3.7 (105)	9-3/4 (246)	3.5 (1.6)
SM-5C-6414S/M14	12,000	4-1/2 (115)	M14x2.0	1/4"	3/8 (10)	3.7 (105)	9-3/4 (246)	3.5 (1.6)
SM-5C-6414S/58	12,000	4-1/2 (115)	5/8"-11	1/4"	3/8 (10)	3.7 (105)	9-3/4 (246)	3.5 (1.6)
SM-5D-6414S/38	12,000	5 (125)	3/8"-24	1/4"	3/8 (10)	3.7 (105)	9-3/4 (246)	3.5 (1.6)
SM-5D-6414S/M14	12,000	5 (125)	M14x2.0	1/4"	3/8 (10)	3.7 (105)	9-3/4 (246)	3.5 (1.6)
SM-5D-6414S/58	12,000	5 (125)	5/8"-11	1/4"	3/8 (10)	3.7 (105)	9-3/4 (246)	3.5 (1.6)

*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
- 1.2 HP



SM-5D-6412R

5" Angle Grinder

- Roll Type
- 12,000 RPM
- 1.2 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)	Max. Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Vibration m/s ²
SM-5D-6412	12,000	895 (1.2)	5 x 1/4 x 7/8 (125 x 6 x 22.2)	3/8"	4.7 (133)	11-3/4 (296)	4.6 (2.1)	<2.5
SM-5D-6412R	12,000	895 (1.2)	5 x 1/4 x 7/8 (125 x 6 x 22.2)	3/8"	4.7 (133)	9-1/4 (232)	4.4 (2)	<2.5
SM-5G-6413	8,400	1,641 (2.2)	7 x 1/4 x 7/8 (180 x 6 x 22.2)	3/8"	6.9 (195)	12-3/4 (323)	6.6 (3)	<2.5
SM-5G-6413R	8,400	1,641 (2.2)	7 x 1/4 x 7/8 (180 x 6 x 22.2)	3/8"	6.9 (195)	10-7/8 (277)	6.6 (3)	<2.5

* Recommended Air Pressure at 90 PSI (6.2 Bar)

Angle Grinders - Heavy Industrial

- 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 0.8mm ~ 6mm 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)	Air Consumption CFM (L/Min)	Length Inch (mm)	Weight Lbs (Kg)	Vibration m/s ²	Noise Level dB(A)
SM-5B-6410/38	12,000	820 (1.1)	4 (100)	3/8"-24	3/8"	4 (113)	9-1/2 (240)	4.4 (2)	<2.5	90
SM-5C-6410/58	12,000	820 (1.1)	4-1/2 (115)	5/8"-11	3/8"	4 (113)	9-1/2 (240)	4.4 (2)	<2.5	90
SM-5C-6410/M14	12,000	820 (1.1)	4-1/2 (115)	M14x2.0	3/8"	4 (113)	9-1/2 (240)	4.4 (2)	<2.5	90
SM-5D-6410/38	12,000	820 (1.1)	5 (125)	3/8"-24	3/8"	4 (113)	9-1/2 (240)	4.4 (2)	<2.5	90
SM-5D-6410/58	12,000	820 (1.1)	5 (125)	5/8"-11	3/8"	4 (113)	9-1/2 (240)	4.4 (2)	<2.5	90
SM-5D-6410/M14	12,000	820 (1.1)	5 (125)	M14x2.0	3/8"	4 (113)	9-1/2 (240)	4.4 (2)	<2.5	90
SM-5B-6410R/38	12,000	820 (1.1)	4 (100)	3/8"-24	3/8"	4 (113)	9-1/4 (234)	4.4 (2)	<2.5	90
SM-5C-6410R/58	12,000	820 (1.1)	4-1/2 (115)	5/8"-11	3/8"	4 (113)	9-1/4 (234)	4.4 (2)	<2.5	90
SM-5C-6410R/M14	12,000	820 (1.1)	4-1/2 (115)	M14x2.0	3/8"	4 (113)	9-1/4 (234)	4.4 (2)	<2.5	90
SM-5D-6410R/38	12,000	820 (1.1)	5 (125)	3/8"-24	3/8"	4 (113)	9-1/4 (234)	4.4 (2)	<2.5	90
SM-5D-6410R/58	12,000	820 (1.1)	5 (125)	5/8"-11	3/8"	4 (113)	9-1/4 (234)	4.4 (2)	<2.5	90
SM-5D-6410R/M14	12,000	820 (1.1)	5 (125)	M14x2.0	3/8"	4 (113)	9-1/4 (234)	4.4 (2)	<2.5	90

* Recommended Air Pressure at 90 PSI (6.2 Bar)