

# ABRASIVE



## Index

Grinders. . . . .	39 – 49
Abrasive Accessories. . . . .	50

# ABRASIVE

## Make Easy Work Out Of A Daily Grind

As manufacturing materials advance, so do the requirements for the tools to work on them. This means new speeds and attachments to handle the demands of increased precision and waste reduction.

### The right tool for the job

When selecting a grinder and accessories for your application, be sure to choose one with enough horsepower to drive the abrasive wheel you are using. This will allow the grinder's speed to work for you. When the operator bears down on an under-powered tool, it slows the rpm output and reduces overall efficiency.



### Industrial Grinders

Sioux has a great selection of inline and right angle grinders with collet sizes from 1/4" to 1/2" & 3 mm – 8 mm for a variety of applications. Speeds range up to 25,000 rpm to get the job done quickly and efficiently. Some models offer a choice of throttle control that is most convenient and comfortable for the operator. We also have extended models that fit into tight, hard to reach places.

### Abrasive Grinders Principles of Operation

When wheels, pads or other accessories are attached to the spindle, the tool can be used to remove metal or composites in a variety of ways.

### Abrasive Safety

Grinders can cause flying particles. Proper eye protection must be worn at all times by tools user and bystanders.

Under improper use and wear, Air grinders can cause serious injury and death. The following instructions are important and should be followed explicitly but cannot cover all contingencies. Good judgment is always required.

Using a grinder without a guard can cause injury. The grinder is to be operated with an appropriate guard at all times when a grinding wheel is used. Replace a damaged guard. The guard is to be the proper one for the wheel being used.

Damaged grinding wheels can explode. Check the wheel for damage before mounting, such as chips and cracks. Handle wheels carefully to avoid dropping or bumping. Protect wheels from extremes of temperature and humidity. Check wheels immediately after any unusual occurrence that may damage wheels.



Over speeding wheels can explode. Check the speed rating of the accessory or the speed printed on the wheel. This speed must be greater than the name plate speed of the grinder/sander and the actual speed of the grinder/sander as measured with a tachometer.

Unsecured work can move violently when grinding. Secure work; use clamps or vise to hold work.

Grinders may coast for a short time after the trigger is released. Be sure tool has come to a complete stop before setting it aside.

Grinding wheels that malfunction or spin off can cause injury. Be certain that all wheel, flanges, nuts and related equipment are in good shape, the proper ones for the type and size of wheel being used, and are securely fastened.

Exploding wheels can cause injury or death. If the normal sound of the grinder changes, or if it vibrates excessively, shut it off immediately, remove the wheel, and check speed with tachometer.

Unexpected starts can cause injury. Be sure actuator is off before hooking up air.

Breathing grinding dust can cause injury. Do not breathe grinding dust. Use approved mask.

Explosions and fire can cause injury. Only grind metals if the area is free of combustible or explosive materials or vapors.

Contact with rotating grinding wheels can cause injury. Keep hands and other body parts away from grinding wheels and sanding pads and disks to prevent cutting or pinching. Wear protective clothing and gloves to protect hands.

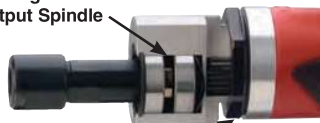
Tools starting unexpectedly can cause injury. Always remove tool from air supply and activate trigger to bleed air line before making any adjustments, changing accessories, or doing any maintenance or service on the tool.

Flying grinding wheels or accessories can cause injury. Tighten collet securely. Match wheel or accessory shaft diameter to chuck or collet.

Exploding or flying parts can cause injury. Do not use cut off wheels or router bits with die grinders.

## HIGH TORQUE DIE GRINDERS

Double Ball Bearing  
Support On Output Spindle



Offset Gear Box For  
Increased Torque



SDG10SHT08



SDG10SHT12



### High Torque Die Grinders

Model Number	Free Speed	Weight		Length		Sound Level	Air Consumption		Collet Size	Exhaust
	rpm	lb	kg	in	mm	dB(A)	cfm	l/s		
1 hp (0.75 kW) – Lever Throttle – High Torque										
SDG10SHT08	8000	2	0.90	9.5	240	85.1	35	16.5	1/4"	Rear
SDG10SHT08M6	8000	2	0.90	9.5	240	85.6	35	16.5	6 mm	Rear
SDG10SHT12	12,000	2	0.90	9.5	240	81.8	35	16.5	1/4"	Rear
SDG10SHT12M6	12,000	2	0.90	9.5	240	84	35	16.5	6 mm	Rear

#### General:

Air Inlet Size: 1/4" NPT • Recommended Hose Size: 3/8" (10 mm) • Performance rated @ 90 psig (6.2 bar) air pressure

#### Standard Equipment:

Parts List • Safety and Instruction Manual • Collet & Wrenches

#### Accessories:

Grinder Accessories, see page 50

## STRAIGHT DIE GRINDERS



RT1985

#### Performance:

Power: 1.5 hp (1.1 kW)  
Speed: 20,000 rpm  
Collet Size: 1/4" – 1/2" & 6 mm

#### Features:

Twist Throttle  
Side Exhaust  
Built-in Speed Control

### Straight Die Grinders



Model Number	Free Speed	Weight		Length		Sound Level	Air Consumption		Collet Size	Exhaust
	rpm	lb	kg	in	mm	dB(A)	cfm	l/s		
1.5 hp (1.1 kW) – Twist Throttle										
RT1985 <sup>1</sup>	20,000	4.3	2	7.6	193	84	38	18	1/4"	Side
1985-1/2	20,000	4.3	2	7.6	193	84	38	18	1/2"	Side
1985A	20,000	4.3	2	7.6	193	84	38	18	3/8"	Side

<sup>1</sup>Not CE Certified

#### General:

Air Inlet Size: 1/4" NPT • Recommended Hose Size: 3/8" (10 mm) • Performance rated @ 90 psig (6.2 bar) air pressure

#### Standard Equipment:

Parts List • Safety and Instruction Manual • Collet & Wrenches • Collet Guard (1DS series)

#### Accessories:

Grinder Accessories, see page 50



**SAFETY PRECAUTION:** Read and follow all safety and operating instructions.  
**WARNING:** Face & eye protection must be worn while operating power tools, per ANSI B186.1



## STRAIGHT DIE GRINDERS



SDG03S25



SDG05S23



SDG7S25F



SDG10S25F

### Performance:

Power: 0.3 hp (0.2 kW) – 1 hp (0.75 kW)  
Speed: 12,000 rpm – 25,000 rpm  
Collet Size: 1/4" & 6 mm

### Features:

Lockoff Lever  
Front or Rear Exhaust  
Built-in Speed Control

### Straight Die Grinders



Model Number	Free Speed	Weight		Length		Sound Level	Air Consumption		Collet Size	Exhaust
	rpm	lb	kg	in	mm	dB(A)	cfm	l/s		
0.3 hp (0.22 kW) – Lever Throttle – 200 Series Collet										
SDG03S25	25,000	1	0.45	6.25	160	84.3	11	5.2	1/4"	Rear
SDG03S25M6	25,000	1	0.45	6.25	160	83.3	11	5.2	6 mm	Rear
0.3 hp (0.22 kW) – Lever Throttle – 300 Series Collet										
SDG03S25S	25,000	1	0.45	6.25	160	83.3	11	5.2	1/4"	Rear
SDG03S25M6S	25,000	1	0.45	6.25	160	83.3	11	5.2	6mm	Rear
0.5 hp (0.37 kW) – Lever Throttle – 200 Series Collet										
SDG05S18	18,000	1.2	0.54	7	180	82.4	23	10.9	1/4"	Rear
SDG05S18M6	18,000	1.2	0.54	7	180	87.4	23	10.9	6 mm	Rear
SDG05S23	23,000	1.2	0.54	7	180	87.7	23	10.9	1/4"	Rear
SDG05S23M6	23,000	1.2	0.54	7	180	85.1	23	10.9	6 mm	Rear
0.5 hp (0.37 kW) – Lever Throttle – 300 Series Collet										
SDG05S18S	18,000	1.2	0.54	7	180	87.4	23	10.9	1/4"	Rear
SDG05S18M6S	18,000	1.2	0.54	7	180	87.4	23	10.9	6mm	Rear
SDG05S23S	23,000	1.2	0.54	7	180	85.1	23	10.9	1/4"	Rear
SDG05S23M6S	23,000	1.2	0.54	7	180	85.1	23	10.9	6mm	Rear
0.7 hp (0.52 kW) – Lever Throttle – 200 Series Collet										
SDG7S18F	18,000	1.2	0.6	6	150	85	25	12	1/4"	Front
SDG7S18M6F	18,000	1.2	0.6	6	150	82	25	12	6 mm	Front
SDG7S25F	25,000	1.2	0.6	6	150	82.3	25	12	1/4"	Front
SDG7S25FS	25,000	1.2	0.6	6	150	82	25	12	1/4"	Front
SDG7S25M6F	25,000	1.2	0.6	6	150	82	25	12	6 mm	Front
1 hp (0.75 kW) – Lever Throttle – 200 Series Collet										
SDG10S12F	12,000	1.7	0.8	7.5	190	85.1	30	14	1/4"	Front
SDG10S12M6F	12,000	1.7	0.8	7.5	190	78	30	14	6 mm	Front
SDG10S12R	12,000	1.7	0.8	7.5	190	84.4	30	14	1/4"	Rear
SDG10S12M6R	12,000	1.7	0.8	7.5	190	78	30	14	6 mm	Rear
SDG10S18F	18,000	1.7	0.8	7.5	190	81.5	30	14	1/4"	Front
SDG10S18M6F	18,000	1.7	0.8	7.5	190	78	30	14	6 mm	Front
SDG10S18R	18,000	1.7	0.8	7.5	190	81.1	30	14	1/4"	Rear
SDG10S18M6R	18,000	1.7	0.8	7.5	190	78	30	14	6 mm	Rear
SDG10S25F	25,000	1.7	0.8	7.5	190	86.8	30	14	1/4"	Front
SDG10S25M6F	25,000	1.7	0.8	7.5	190	78	30	14	6 mm	Front
SDG10S25R	25,000	1.7	0.8	7.5	190	83.2	30	14	1/4"	Rear
SDG10S25M6R	25,000	1.7	0.8	7.5	190	78	30	14	6 mm	Rear

### General:

Air Inlet Size: 1/4" NPT • Recommended Hose Size: 3/8" (10 mm) • Performance rated @ 90 psig (6.2 bar) air pressure

### Standard Equipment:

Parts List • Safety and Instruction Manual • Collet & Wrenches • Collet Guard (1DS series)

### Accessories:

Grinder Accessories, see page 50





## STRAIGHT DIE GRINDERS



SDGS1S18



SDGS1S18G

**Performance:**

Power: 1 hp (0.75 kW)  
 Speed: 12,000 rpm – 25,000 rpm  
 Collet Size: 1/4" & 6 mm

**Features:**

Lockoff Lever  
 Front or Rear Exhaust  
 Built-in Speed Control

**Straight Metal Body Die Grinders**


Model Number	Free Speed	Weight		Length		Sound Level	Air Consumption		Collet Size	Exhaust
	rpm	lb	kg	in	mm	dB(A)	cfm	l/s		
1 hp (0.75 kW) – Lever Throttle – Aluminum Housing										
SDGA1S12	12,000	1.5	0.7	6.9	175	90.9	30	14	1/4"	Front
SDGA1S12M6	12,000	1.5	0.7	6.9	175	91	30	14	6 mm	Front
SDGA1S18	18,000	1.5	0.7	6.9	175	87.4	30	14	1/4"	Front
SDGA1S18M6	18,000	1.5	0.7	6.9	175	87	30	14	6 mm	Front
SDGA1S25	25,000	1.5	0.7	6.9	175	86.2	30	14	1/4"	Front
SDGA1S25M6	25,000	1.5	0.7	6.9	175	86	30	14	6 mm	Front
1 hp (0.75 kW) – Lever Throttle – Aluminum Housing with Grip										
SDGA1S12G	12,000	1.4	0.6	6.9	175	91.3	30	14	1/4"	Front
SDGA1S12M6G	12,000	1.4	0.6	6.9	175	91	30	14	6 mm	Front
SDGA1S18G	18,000	1.4	0.6	6.9	175	86.8	30	14	1/4"	Front
SDGA1S18M6G	18,000	1.4	0.6	6.9	175	86	30	14	6 mm	Front
SDGA1S25G	25,000	1.4	0.6	6.9	175	85.4	30	14	1/4"	Front
SDGA1S25M6G	25,000	1.4	0.6	6.9	175	85	30	14	6 mm	Front
1 hp (0.75 kW) – Lever Throttle – Steel Housing										
SDGS1S12	12,000	2.2	1	6.9	175	90.4	30	14	1/4"	Front
SDGS1S12M6	12,000	2.2	1	6.9	175	90	30	14	6 mm	Front
SDGS1S18	18,000	2.2	1	6.9	175	85.8	30	14	1/4"	Front
SDGS1S18M6	18,000	2.2	1	6.9	175	85	30	14	6 mm	Front
SDGS1S25	25,000	2.2	1	6.9	175	85.1	30	14	1/4"	Front
SDGS1S25M6	25,000	2.2	1	6.9	175	85	30	14	6 mm	Front
1 hp (0.75 kW) – Lever Throttle – Steel Housing with Grip										
SDGS1S12G	12,000	1.8	0.8	6.9	175	92.8	30	14	1/4"	Front
SDGS1S12M6G	12,000	1.8	0.8	6.9	175	92	30	14	6 mm	Front
SDGS1S18G	18,000	1.8	0.8	6.9	175	86.5	30	14	1/4"	Front
SDGS1S18M6G	18,000	1.8	0.8	6.9	175	86	30	14	6 mm	Front
SDGS1S25G	25,000	1.8	0.8	6.9	175	85.4	30	14	1/4"	Front
SDGS1S25M6G	25,000	1.8	0.8	6.9	175	82	30	14	6 mm	Front

**General:**

Air Inlet Size: 1/4" NPT • Recommended Hose Size: 3/8" (10 mm) • Performance rated @ 90 psig (6.2 bar) air pressure

**Standard Equipment:**

Parts List • Safety and Instruction Manual • Collet & Wrenches

**Accessories:**

Grinder Accessories, see page 50



**SAFETY PRECAUTION:** Read and follow all safety and operating instructions.  
**WARNING:** Face & eye protection must be worn while operating power tools, per ANSI B186.1

## EXTENDED DIE GRINDERS



**SXG05S23**



**STXG10S23**

### Performance:

Power: 0.5 hp (0.37 kW) – 1 hp (0.75 kW)  
Speed: 12,000 rpm – 23,000 rpm  
Collet Size: 1/4" (6 mm)

### Features:

Heavy duty double tapered collet  
Ergonomic comfort grip  
Teasing throttle for maximum control  
Lever throttle with lock-off  
Ball bearing construction  
Adjustable speed control

### Extended Die Grinders



Model Number	Free Speed	Weight		Length		Sound Level	Air Consumption		Collet Size	Exhaust
	rpm	lb	kg	in	mm	dB(A)	cfm	l/s		
0.5 hp (0.37 kW) – Lever Throttle – Extended – 200 Series Collet										
SXG05S18	18,000	2.1	0.95	11	280	85.8	23	10.9	1/4"	Rear
SXG05S18M6	18,000	2.1	0.95	11	280	86.7	23	10.9	6 mm	Rear
SXG05S23	23,000	2.1	0.95	11	280	89.8	23	10.9	1/4"	Rear
SXG05S23M6	23,000	2.1	0.95	11	280	85.9	23	10.9	6 mm	Rear
0.5 hp (0.37 kW) – Extended Die Grinder Lever Throttle – 300 Series Collet										
SXG05S18S	18,000	2.1	0.95	11	280	86.7	23	10.9	1/4"	Rear
SXG05S18M6S	18,000	2.1	0.95	11	280	86.7	23	10.9	6mm	Rear
SXG05S23S	23,000	2.1	0.95	11	280	85.9	23	10.9	1/4"	Rear
SXG05S23M6S	23,000	2.1	0.95	11	280	85.9	23	10.9	6mm	Rear
1 hp (0.75 kW) – Lever Throttle – Extended – 200 Series Collet										
STXG10S12	12,000	2.2	1	12.1	308	84.5	30	14	1/4"	Rear
STXG10S12M6	12,000	2.2	1	12.1	308	78	30	14	6 mm	Rear
STXG10S18	18,000	2.2	1	12.1	308	82	30	14	1/4"	Rear
STXG10S18M6	18,000	2.2	1	12.1	308	78	30	14	6 mm	Rear
STXG10S23	23,000	2.2	1	12.1	308	78	30	14	1/4"	Rear
STXG10S23M6	23,000	2.2	1	12.1	308	81.6	30	14	6 mm	Rear
1 hp (0.75 kW) – Lever Throttle – Extended – Cone Wheel										
STXG10S18CW	18,000	2.2	1	12.2	310	82	30	14	N/A	Rear

### General:

Air Inlet Size: 1/4" NPT • Recommended Hose Size: 3/8" (10 mm) • Performance rated @ 90 psig (6.2 bar) air pressure

### Standard Equipment:

Parts List • Safety and Instruction Manual • Collet & Wrenches • Collet Guard (1DS series)

### Accessories:

Grinder Accessories, see page 50



**SAFETY PRECAUTION:** Read and follow all safety and operating instructions.  
**WARNING:** Face & eye protection must be worn while operating power tools, per ANSI B186.1

## RIGHT ANGLE DIE GRINDERS



SAG03S20



SAG03S12S



SAG05S23



SAG7S15



SAG10S18

**Performance:**

Power: 0.33 hp (0.25 kW) – 1 hp (0.75 kW)

Speed: 12,000 rpm – 20,000 rpm

Collet Size: 1/4" &amp; 6 mm

**Features:**

Lockoff Lever

Rear Exhaust

Built-in Speed Control

**Right Angle Die Grinders**


Model Number	Free Speed	Weight		Length		Sound Level	Air Consumption		Collet Size	Exhaust
	rpm	lb	kg	in	mm	dB(A)	cfm	l/s		
0.3 hp (0.22 kW) – Lever Throttle – 200 Series Collet										
SAG03S12	12,000	1.2	0.55	5.625	140	81.5	11	5.2	1/4"	Rear
SAG03S12M6	12,000	1.2	0.55	5.625	140	82.3	11	5.2	6 mm	Rear
SAG03S20	20,000	1.2	0.55	5.625	140	86.4	11	5.2	1/4"	Rear
SAG03S20M6	20,000	1.2	0.55	5.625	140	85.9	11	5.2	6 mm	Rear
0.3 hp (0.22 kW) – Lever Throttle – 300 Series Collet										
SAG03S12S	12,000	1.15	0.52	5.625	143	82.3	11	5.2	1/4"	Rear
SAG03S12M6S	12,000	1.15	0.52	5.625	143	82.3	11	5.2	6mm	Rear
SAG03S20S	20,000	1.15	0.52	5.625	143	85.9	11	5.2	1/4"	Rear
SAG03S20M6S	20,000	1.15	0.52	5.625	143	85.9	11	5.2	6mm	Rear
0.5 hp (0.37 kW) – Lever Throttle – 200 Series Collet										
SAG05S23	23,000	1.4	0.64	6.375	160	86	23	10.8	1/4"	Rear
SAG05S23M6	23,000	1.4	0.64	6.375	160	86	23	10.8	6 mm	Rear
0.5 hp (0.37 kW) – Lever Throttle – 300 Series Collet										
SAG05S23S	23,000	1.35	0.61	6.375	162	89.1	23	10.8	1/4"	Rear
SAG05S23M6S	23,000	1.35	0.61	6.375	162	86	23	10.8	6mm	Rear
0.70 hp (0.52 kW) – Lever Throttle – 200 Series Collet										
SAG7S12	12,000	2	0.90	6.500	165	84.3	25	12	1/4"	Front
SAG7S12M6	12,000	2	0.90	6.500	165	84.3	25	12	6mm	Front
SAG7S15	15,000	2	0.90	6.500	165	85.3	25	12	1/4"	Front
SAG7S15M6	15,000	2	0.90	6.500	165	85.3	25	12	6mm	Front
SAG7S18	18,000	2	0.90	6.500	165	85	25	12	1/4"	Front
SAG7S18M6	18,000	2	0.90	6.500	165	85	25	12	6mm	Front
1 hp (0.75 kW) – Lever Throttle – 200 Series Collet										
SAG10S12	12,000	2.7	1.2	9	230	87.4	30	14	1/4"	Rear
SAG10S12M6	12,000	2.7	1.2	9	230	78	30	14	6 mm	Rear
SAG10S15	15,000	2.7	1.2	9	230	84.2	30	14	1/4"	Rear
SAG10S15M6	15,000	2.7	1.2	9	230	78	30	14	6 mm	Rear
SAG10S18	18,000	2.7	1.2	9	230	83.2	30	14	1/4"	Rear
SAG10S18M6	18,000	2.7	1.2	9	230	78	30	14	6 mm	Rear

**General:**

Air Inlet Size: 1/4" NPT • Recommended Hose Size: 3/8" (10 mm) • Performance rated @ 90 psig (6.2 bar) air pressure

**Standard Equipment:**

Parts List • Safety and Instruction Manual • Collet, Support Handle (1 HP only) &amp; Wrenches

**Accessories:**

Grinder Accessories, see page 50



**SAFETY PRECAUTION:** Read and follow all safety and operating instructions.  
**WARNING:** Face & eye protection must be worn while operating power tools, per ANSI B186.1



## RIGHT ANGLE EXTENDED DIE GRINDERS

### Performance:

Power: 0.7 hp (0.52 kW) – 1 hp (0.75 kW)  
Speed: 12,000 rpm – 18,000 rpm  
Collet Size: 1/4" & 6 mm

### Features:

Heavy duty double tapered collet  
Teasing throttle  
Lock-off lever  
Heavy Duty spiral bevel gearing for durability and smooth operation  
Compact angle head allows access into tight spaces  
Adjustable speed control  
Grease zerk in gear case



### Right Angle Extended Die Grinders



Model Number	Free Speed	Weight		Length		Sound Level	Air Consumption		Collet Size	Exhaust
	rpm	lb	kg	in	mm	dB(A)	cfm	l/s		
1 hp (0.75 kW) – Lever Throttle – 200 Series Collet										
SAG10AX12	12,000	3.20	1.45	11.25	286	81.6	30	14.2	1/4"	Rear
SAG10AX12M6	12,000	3.20	1.45	11.25	286	79.5	30	14.2	6mm	Rear
SAG10AX15	15,000	3.20	1.45	11.25	286	81.6	30	14.2	1/4"	Rear
SAG10AX15M6	15,000	3.20	1.45	11.25	286	84	30	14.2	6mm	Rear
SAG10AX18	18,000	3.20	1.45	11.25	286	83.7	30	14.2	1/4"	Rear
SAG10AX18M6	18,000	3.20	1.45	11.25	286	80.5	30	14.2	6mm	Rear
0.7 hp (0.52 kW) – Lever Throttle										
SAG7AX13	13,000	2.9	1.3	10	254	85	25	12	1/4"	Front
SAG7AX13M6	13,000	2.9	1.3	10	254	85	25	12	6 mm	Front
SAG7AX16	16,000	2.9	1.3	10	254	89.8	25	12	1/4"	Front
SAG7AX16M6	16,000	2.9	1.3	10	254	89.8	25	12	6 mm	Front
SAG7AX20	20,000	2.9	1.3	10	254	89.8	25	12	1/4"	Front
SAG7AX20M6	20,000	2.9	1.3	10	254	89.8	25	12	6 mm	Front

#### General:

Air Inlet Size: 1/4" NPT • Recommended Hose Size: 3/8" (10 mm) • Performance rated @ 90 psig (6.2 bar) air pressure

#### Standard Equipment:

Parts List • Safety and Instruction Manual • Collet, Support Handle (1 HP only) & Wrenches

#### Accessories:

Grinder Accessories, see page 50



**SAFETY PRECAUTION:** Read and follow all safety and operating instructions.  
**WARNING:** Face & eye protection must be worn while operating power tools, per ANSI B186.1



**SAGA1AX12G**



**SAGA1AX12**

**Performance:**

Power: 1 hp (0.75 kW)  
 Speed: 12,000 rpm – 18,000 rpm  
 Collet Size: 1/4" & 6 mm

**Features:**

Lockoff Lever  
 Robust Steel or Durable Aluminum Housing  
 Available With Comfort Grip  
 Head Height 2.28"

**Right Angle Extended Metal Body Die Grinders**



Model Number	Free Speed	Weight		Length		Sound Level	Air Consumption		Collet Size	Exhaust
	rpm	lb	kg	in	mm	dB(A)	cfm	l/s		
1 hp (0.75 kW) – Lever Throttle – Aluminum Housing										
SAGA1AX12	12,000	3.2	1.5	10.5	267	87.4	30	14.2	1/4"	Front
SAGA1AX12M6	12,000	3.2	1.5	10.5	267	87	30	14.2	6mm	Front
SAGA1AX15	15,000	3.2	1.5	10.5	267	87	30	14.2	1/4"	Front
SAGA1AX15M6	15,000	3.2	1.5	10.5	267	87	30	14.2	6mm	Front
SAGA1AX18	18,000	3.2	1.5	10.5	267	87	30	14.2	1/4"	Front
SAGA1AX18M6	18,000	3.2	1.5	10.5	267	87	30	14.2	6mm	Front
1 hp (0.75 kW) – Lever Throttle – Aluminum Housing with Grip										
SAGA1AX12G	12,000	2.9	1.3	10.5	267	87	30	14.2	1/4"	Front
SAGA1AX12M6G	12,000	2.9	1.3	10.5	267	87	30	14.2	6mm	Front
SAGA1AX15G	15,000	2.9	1.3	10.5	267	87	30	14.2	1/4"	Front
SAGA1AX15M6G	15,000	2.9	1.3	10.5	267	87	30	14.2	6mm	Front
SAGA1AX18G	18,000	2.9	1.3	10.5	267	87	30	14.2	1/4"	Front
SAGA1AX18M6G	18,000	2.9	1.3	10.5	267	87	30	14.2	6mm	Front
1 hp (0.75 kW) – Lever Throttle – Steel Housing										
SAGS1AX12	12,000	3.8	1.7	10.5	267	86.9	30	14.2	1/4"	Front
SAGS1AX12M6	12,000	3.8	1.7	10.5	267	87	30	14.2	6mm	Front
SAGS1AX15	15,000	3.8	1.7	10.5	267	87	30	14.2	1/4"	Front
SAGS1AX15M6	15,000	3.8	1.7	10.5	267	87	30	14.2	6mm	Front
SAGS1AX18	18,000	3.8	1.7	10.5	267	87	30	14.2	1/4"	Front
SAGS1AX18M6	18,000	3.8	1.7	10.5	267	87	30	14.2	6mm	Front
1 hp (0.75 kW) – Lever Throttle – Steel Housing with Grip										
SAGS1AX12G	12,000	3.4	1.5	10.5	267	87	30	14.2	1/4"	Front
SAGS1AX12M6G	12,000	3.4	1.5	10.5	267	87	30	14.2	6mm	Front
SAGS1AX15G	15,000	3.4	1.5	10.5	267	87	30	14.2	1/4"	Front
SAGS1AX15M6G	15,000	3.4	1.5	10.5	267	87	30	14.2	6mm	Front
SAGS1AX18G	18,000	3.4	1.5	10.5	267	87	30	14.2	1/4"	Front
SAGS1AX18M6G	18,000	3.4	1.5	10.5	267	87	30	14.2	6mm	Front

**General:**

Air Inlet Size: 1/4" NPT • Recommended Hose Size: 3/8" (10 mm) • Performance rated @ 90 psig (6.2 bar) air pressure

**Standard Equipment:**

Parts List • Safety and Instruction Manual • Collet, Support Handle & Wrenches

**Accessories:**

Grinder Accessories, see page 50



**SAFETY PRECAUTION:** Read and follow all safety and operating instructions.  
**WARNING:** Face & eye protection must be worn while operating power tools, per ANSI B186.1

## RIGHT ANGLE TYPE 27 WHEEL GRINDERS

### Performance:

Power: 0.7 hp (0.52 kW) – 1 hp (0.75 kW)  
Speed: 12,000 rpm – 18,000 rpm  
Wheel Capacity: 3" (75 mm) – 5" (127 mm)

### Features:

Non-Governed  
Lockoff Lever  
Adjustable Guard



### Right Angle Type 27 Extended Wheel Grinders



Model Number	Free Speed	Wheel Capacity		Weight		Length		Sound Level	Air Consumption		Spindle Thread	Exhaust
	rpm	In	mm	lb	kg	in	mm	dB(A)	cfm	l/s		
1 hp (0.75 kW) – Lockoff Lever Throttle												
SWG10AX124	12,000	4	100	3.6	1.63	11.25	285	91	35	17	3/8" - 24	Rear
SWG10AXL124	12,000	4	100	3.5	1.59	11.25	285	83.7	35	17	3/8" - 24	Rear
SWG10AX1245	12,000	4.5	115	3.7	1.68	11.25	285	86	35	17	5/8" - 11	Rear
SWG10AX125	12,000	5	127	3.8	1.72	11.25	285	83.7	35	17	5/8" - 11	Rear
0.7 hp (0.52 kW) – Lever Throttle												
SWG7AX134	13,300	4	100	3.5	1.6	10	254	87.4	25	12	3/8" - 24	Front
SWG7AX1345	13,300	4.5	115	3.5	1.6	10	254	88	25	12	5/8" - 11	Front
SWG7AX203	20,000	3	75	3.5	1.6	10	254	TBD	25	12	3/8" - 24	Front

### General:

**1 HP models:** Air Inlet Size: 3/8" NPT • Recommended Hose Size: 3/8" (10 mm) • Performance rated @ 90 psig (6.2 bar) air pressure

**0.7 HP models:** Air Inlet Size: 1/4" NPT • Recommended Hose Size: 3/8" (10 mm) • Performance rated @ 90 psig (6.2 bar) air pressure

### Standard Equipment:

Parts List • Safety and Instruction Manual • Spindle Wrenches • Wheel Guard • Support Handle • Mounting Flange & Nut

### Accessories:

Grinder Accessories, see page 50



### Performance:

Power: 1 hp (0.75 kW)  
Speed: 12,000 rpm  
Wheel Capacity: 4" (100 mm) – 4.5" (115 mm)

### Features:

Non-Governed  
Lockoff Lever  
Adjustable Guard  
Robust Steel or Durable Aluminum Housing  
Available With Comfort Grip  
Head Height 2.28"

### Right Angle Type 27 Extended Wheel Grinders



Model Number	Free Speed	Wheel Capacity		Weight		Length		Sound Level	Air Consumption Free Speed		Spindle Thread	Exhaust
	rpm	In	mm	lb	kg	in	mm	dB(A)	cfm	l/s		
1 hp (0.75 kW) – Lever Throttle – Aluminum Housing												
SWGA1AX124	12,000	4	100	3.3	1.5	10.5	267	88	35	17	3/8" - 24	Front
SWGA1AX1245	12,000	4.5	115	3.4	1.5	10.5	267	88	35	17	5/8" - 11	Front
1 hp (0.75 kW) – Lever Throttle – Aluminum Housing with Grip												
SWGA1AX124G	12,000	4	100	3.2	1.5	10.5	267	86	35	17	3/8" - 24	Front
SWGA1AX1245G	12,000	4.5	115	3.3	1.5	10.5	267	86	35	17	5/8" - 11	Front
1 hp (0.75 kW) – Lever Throttle – Steel Housing												
SWGS1AX124	12,000	4	100	3.9	1.8	10.5	267	86	35	17	3/8" - 24	Front
SWGS1AX1245	12,000	4.5	115	4	1.8	10.5	267	86	35	17	5/8" - 11	Front
1 hp (0.75 kW) – Lever Throttle – Steel Housing with Grip												
SWGS1AX124G	12,000	4	100	3.7	1.7	10.5	267	87	35	17	3/8" - 24	Front
SWGS1AX1245G	12,000	4.5	115	3.8	1.7	10.5	267	87	35	17	5/8" - 11	Front

### General:

**1 HP models:** Air Inlet Size: 3/8" NPT • Recommended Hose Size: 3/8" (10 mm) • Performance rated @ 90 psig (6.2 bar) air pressure

### Standard Equipment:

Parts List • Safety and Instruction Manual • Spindle Wrenches • Wheel Guard • Support Handle • Mounting Flange & Nut

### Accessories:

Grinder Accessories, see page 50



**SAFETY PRECAUTION:** Read and follow all safety and operating instructions.  
**WARNING:** Face & eye protection must be worn while operating power tools, per ANSI B186.1





**SWG10A1245**



**1285L**



**SWG10S183**



**SWG10S1245**

**Performance:**

Power: 1 hp (0.75 kW)  
 Speed: 6000 rpm – 18,000 rpm  
 Wheel Capacity: 3" (75 mm) – 7" (175 mm) diameter

**Features:**

Governed & Non-Governed  
 Lockoff Lever Throttle  
 Side Exhaust: 1285L  
 Rear Exhaust: SWG Series

**Right Angle Type 27 Wheel Grinders**



Model Number	Free Speed	Wheel Capacity		Weight		Length		Sound Level	Air Consumption Under Load		Air Consumption Free Speed		Spindle Thread
	rpm	in	mm	lb	kg	in	mm	dB(A)	cfm	l/s	cfm	l/s	
0.7 hp (0.52 kW)													
SWG7S183	18,000	3	7.5	2.1	0.95	6.4	163	TBD	N/A	N/A	25	12	3/8"-24
1 hp (0.75 kW) – Lockoff Lever Throttle													
SWG10S124	12,000	4	100	3	1.6	8.3	210	77	N/A	N/A	35	17	3/8"-24
SWG10S1245	12,000	4.5	115	3	1.6	8.3	210	77	N/A	N/A	35	17	5/8"-11
SWG10S125	12,000	5	127	3.1	1.6	8.3	210	TBD	N/A	N/A	35	17	5/8"-11
SWG10S183	18,000	3	75	2.5	1.1	7.5	190	77	N/A	N/A	35	17	3/8"-24
1 hp (0.75 kW) – Lockoff Lever Throttle													
SWG10A124	12,000	4	100	2.5	1.1	7.75	195	86.4	N/A	N/A	35	17	3/8" - 24
SWG10A1245	12,000	4.5	115	2.6	1.17	7.75	195	84.9	N/A	N/A	35	17	5/8"-11
SWG10A125	12,000	5	127	2.7	1.22	7.75	195	83.7	N/A	N/A	35	17	5/8" - 11
1 hp (0.75 kW) – Governed Speed – Lockoff Lever Throttle													
1285L <sup>1</sup>	6000	7	175	5.9	2.7	12.4	315	85	35	17	18	8	5/8"-11

<sup>1</sup>Not CE Certified

**General:**

Air Inlet Size: 1/4" NPT • Recommended Hose Size: 3/8" (10 mm) • Performance rated @ 90 psig (6.2 bar) air pressure

**Standard Equipment:**

Parts List • Safety and Instruction Manual • Spindle Wrenches • Wheel Guard • Support Handle • Mounting Flange & Nut

**Accessories:**

Grinder Accessories, see page 50



**SAFETY PRECAUTION:** Read and follow all safety and operating instructions.  
**WARNING:** Face & eye protection must be worn while operating power tools, per ANSI B186.1

## VERTICAL TYPE 27 WHEEL GRINDERS

### Performance:

Power: 1 hp (0.75 kW) – 3 hp (2.2 kW)  
Speed: 4500 rpm – 6000 rpm  
Wheel Capacity: 7" (175 mm) – 9" (230 mm) diameter

### Features:

Governed & Non-Governed  
Lockoff Lever & Thumb Throttle  
Side Exhaust



### Vertical Type 27 Wheel Grinders

Model Number	Free Speed	Wheel Capacity		Weight		Length		Sound Level	Air Consumption Under Load		Air Consumption Free Speed		Spindle Thread
	rpm	in	mm	lb	kg	in	mm	dB(A)	cfm	l/s	cfm	l/s	
1 hp (0.75 kW) – Non-Governer Speed – Thumb Throttle													
1291L	6000	7	175	5	2.3	7.2	183	80	30	14	38	18	5/8"-11
1 hp (0.75 kW) – Non-Governer Speed – Thumb Throttle													
1291	6000	7	175	5	2.3	7.2	183	80	30	14	38	18	5/8"-11
2 hp (1.5 kW) – Class Vertical Grinders – Governed Speed – Lever Throttle													
VG20AL-45D9	4500	9	230	7.4	3.3	5.5	145	85	75	35	26	12	5/8"-11
VG20AL-60D7	6000	7	175	7.4	3.3	5.5	145	85	75	35	26	12	5/8"-11
VG20AL-60D9	6000	9	230	7.4	3.3	5.5	145	85	75	35	26	12	5/8"-11
3 hp (2.2 kW) – Class Vertical Grinders – Governed Speed – Lever Throttle													
VG30AL-45D7	4500	7	175	9.5	4.3	6.4	165	84	90	42	39	18	5/8"-11
VG30AL-45D9	4500	9	230	9.5	4.3	6.4	165	84	90	42	39	18	5/8"-11
VG30AL-60D7	6000	7	175	9.5	4.3	6.4	165	84	90	42	39	18	5/8"-11
VG30AL-60D9	6000	9	230	9.5	4.3	6.4	165	84	90	42	39	18	5/8"-11

### General:

Air Inlet Size: 1/4" NPT (1290 series); 1/2" NPT (V series) • Recommended Hose Size: 3/8" (10 mm) (1290 series); 1/2" (13 mm) (V series)  
Performance rated @ 90 psig (6.2 bar) air pressure

### Standard Equipment:

Parts List • Safety and Instruction Manual • Spindle Wrenches • Wheel Guard • Mounting Flange & Nut

### Accessories:

Grinder Accessories, see page 50

## VERTICAL TYPE 6 & 11 WHEEL GRINDERS

### Performance:

Power: 2 hp (1.5 kW) – 3 hp (2.2 kW)  
Speed: 6000 rpm  
Wheel Capacity: 6" (150 mm)

### Features:

Governed Speed  
Lockoff Lever  
Side Exhaust



### Vertical Type 6 & 11 Wheel Grinders

Model Number	Free Speed	Wheel Capacity		Weight		Length		Sound Level	Air Consumption Under Load		Air Consumption Free Speed		Spindle Thread
	rpm	in	mm	lb	kg	in	mm	dB(A)	cfm	l/s	cfm	l/s	
2 hp (1.5 kW) – Class Vertical Grinders – Governed Speed – Lever Throttle													
VG20AL-60C6	6000	6	150	7.4	3.3	5.5	145	85	75	35	26	12	5/8"-11
3 hp (2.2 kW) – Class Vertical Grinders – Governed Speed – Lever Throttle													
VG30AL-60C6	6000	6	150	9.5	4.3	6.4	165	84	90	42	39	18	5/8"-11

### General:

Air Inlet Size: 1/2" NPT • Recommended Hose Size: 1/2" (13 mm) • Performance rated @ 90 psig (6.2 bar) air pressure

### Standard Equipment:

Parts List • Safety and Instruction Manual • Spindle Wrenches • Wheel Guard • Mounting Flange & Nut

### Accessories:

Grinder Accessories, see page 50



**HORIZONTAL GRINDERS**

**Performance:**

Power: 2 hp (1.5 kW) – 3 hp (2.2 kW)  
Speed: 4500 rpm – 8000 rpm  
Wheel Capacity: 3" (75 mm) – 8" (200 mm)

**Features:**

Governed Speed  
Lever Throttle  
Side Exhaust



**HG30AL-60S6**



**HG20AL-80P3**



**Horizontal Wheel Grinders**

Model Number	Free Speed	Wheel Capacity		Weight		Length		Sound Level	Air Consumption Under Load		Air Consumption Free Speed		Spindle Thread
	rpm	in	mm	lb	kg	in	mm	dB(A)	cfm	l/s	cfm	l/s	
2 hp (1.5 kW) – Class Horizontal Grinders – Governed Speed – Lever Throttle													
HG20AL-45S8	4500	8	200	10.5	4.8	20.8	530	85	75	35	26	12	5/8"-11
HG20AL-60S6	6000	6	150	10.5	4.8	20.8	530	85	75	35	26	12	5/8"-11
HG20AL-80P3	8000	3	75	10.5	4.8	20.8	530	85	75	35	26	12	5/8"-11
3 hp (2.2 kW) – Class Horizontal Grinders – Governed Speed – Lever Throttle													
HG30AL-45S8	4500	8	200	12.5	5.6	21.8	550	84	90	42	39	18	5/8"-11
HG30AL-60S6	6000	6	150	12.5	5.6	21.8	550	84	90	42	39	18	5/8"-11
HG30AL-80P3	8000	3	75	12.5	5.6	21.8	550	84	90	42	39	18	5/8"-11

**General:**

Air Inlet Size: 1/2" NPT • Recommended Hose Size: 1/2" (13 mm) • Performance rated @ 90 psig (6.2 bar) air pressure

**Standard Equipment:**

Parts List • Safety and Instruction Manual • Spindle Wrenches • Wheel Guard • Mounting Flange & Nut

**Accessories:**

Grinder Accessories, see page 50

**MATERIAL REMOVAL TOOL**

**Performance:**

Power: 0.5 hp (0.37 kW)  
Speed: 35000 rpm

**Features:**

Removable Support Handle  
Lockoff Lever  
Planetary Gear for Increased Torque



**SMR05S354**



**Material Removal Tool**

Model Number	Free Speed	Weight		Length		Sound Level	Air Consumption		Exhaust
	rpm	lb	kg	in	mm	dB(A)	cfm	l/s	
SMR05S354	3500	2.4	1.08	12	304.8	85	28	132	Rear

**General:**

Air Inlet Size: 1/4" NPT • Recommended Hose Size: 3/8" (10 mm) • Performance rated @ 90 psig (6.2 bar) air pressure

**Standard Equipment:**

Parts List • Safety and Instruction Manual • Fine Belt (68813) • Coarse Belt (68814) • Eraser (68815) • Support Handle

**Accessories:**

Material Removal Tool Accessories, see page 50



**SAFETY PRECAUTION:** Read and follow all safety and operating instructions.  
**WARNING:** Face & eye protection must be worn while operating power tools, per ANSI B186.1



## RIGHT ANGLE SANDERS



SAS03S122-20



SAS05S232-20



SAS10A182-20



77016 Threaded Arbor



300 Series Collet

**Performance:**

Power: 0.33 hp (0.25 kW) –  
1 hp (0.75 kW)  
Speed: 12,000 rpm – 23,000 rpm

**Features:**

Lockoff Lever Throttle  
Front, Rear, and Vacuum Exhaust  
Comfort Grip

## Right Angle Disc Sanders



Model Number	Free Speed	Weight		Length		Air Consumption Free Speed		Sound Level	Spindle Thread
	rpm	lb	kg	in	mm	cfm	l/s	dB(A)	
0.3 hp (0.22 kW) – Lever Throttle									
SAS03S122-20	12,000	1.1	0.5	5.625	143	11	5.2	82.2	1/4"-20
SAS03S202-20	20,000	1.1	0.5	5.625	143	11	5.2	82.9	1/4"-20
0.5 hp (0.37 kW) – Lever Throttle									
SAS05S232-20	23,000	1.3	0.59	5.625	143	23	10.3	88.6	1/4"-20
1 hp (0.75 kW) – Lever Throttle									
SAS10A122-20	12,000	2.15	0.98	7.5	190	30	14	84.6	1/4"-20
SAS10A152-20	15,000	2.15	0.98	7.5	190	30	14	TBD	1/4"-20
SAS10A182-20	18,000	2.15	0.98	7.5	190	30	14	83.4	1/4"-20
SAS10A324	3200	TBD	TBD	TBD	TBD	35	17	TBD	3/8"-24

**General:**

Air Inlet Size: 1/4" NPT • Recommended Hose Size: 3/8" (10 mm) • Performance rated @ 90 psig (6.2 bar) air pressure

**Standard Equipment:**

Parts List • Safety and Instruction Manual • Support Handle (1 hp Models) • Spindle Wrenches, 300 Series Collet, 1/4"-20 Threaded Arbor

**Accessories:**

Sander Accessories, see pages 59 – 61



**SAFETY PRECAUTION:** Read and follow all safety and operating instructions.  
**WARNING:** Face & eye protection must be worn while operating power tools, per ANSI B186.1

## RIGHT ANGLE SANDERS



SAS10S125



SAS10A125



SAS10AX125



1287L



### Performance:

Power: 1 hp (0.75 kW)  
Speed: 6000 rpm – 12,000 rpm

### Features:

Governed & Non-Governed  
Lockoff Lever Throttle  
Rear Exhaust on SAS Series

### Right Angle Sanders

Model Number	Free Speed	Pad Diameter		Weight		Length		Air Consumption Under Load		Air Consumption Free Speed		Sound Level	Spindle Thread
	rpm	in	mm	lb	kg	in	mm	cfm	l/s	cfm	l/s	dB(A)	
1 hp (0.75 kW) – Lockoff Lever Throttle – Rear Exhaust													
SAS10S125	12,000	5	125	3.5	1.6	8.3	210	N/A	N/A	35	17	77	5/8"-11
SAS10A125	12,000	5	125	2.2	1	7.75	134	N/A	N/A	35	17	84.1	5/8"-11
SAS10AX125	12,000	5	125	3.2	1.45	11.25	285	N/A	N/A	35	17	83.2	5/8"-11
1 hp (0.75 kW) – Governed Speed Control – Lockoff Lever Throttle													
1287L <sup>1</sup>	6000	7	175	5.9	2.7	11.3	287	35	17	18	8	85	5/8"-11

<sup>1</sup>Not CE certified.

### General:

Air Inlet Size: 1/4" NPT • Recommended Hose Size: 3/8" (10 mm) • Performance rated @ 90 psig (6.2 bar) air pressure

### Standard Equipment:

Parts List • Safety and Instruction Manual • Support Handle • Spindle Wrenches • Backing Pad & Nut

### Accessories:

Sander Accessories, see pages 59 – 61

## VERTICAL SANDERS



1290



1290L



VS20AL-727

### Performance:

Power: 1 hp (0.75 kW) – 2 hp (1.5 kW)  
Speed: 6000 rpm – 7200 rpm

### Features:

Governed & Non-Governed  
Lever & Thumb Throttle  
Side Exhaust  
Overspeed Shutoff Protection (V Series)

### Vertical Sanders

Model Number	Free Speed	Pad Diameter		Weight		Length		Air Consumption Under Load		Air Consumption Free Speed		Sound Level	Spindle Thread
	rpm	in	mm	lb	kg	in	mm	cfm	l/s	cfm	l/s	dB(A)	
1 hp (0.75 kW) – Thumb Throttle													
1290	6000	7	175	4.1	1.9	7.2	183	30	14	38	18	80	5/8"-11
1 hp (0.75 kW) – Lever Throttle													
1290L	6000	7	175	4.1	1.9	7.2	183	30	14	38	18	80	5/8"-11
2 hp (1.5 kW) Class Vertical Sanders – Governed Speed Control – Lockoff Lever Throttle													
VS20AL-609	6000	9	230	7.4	3.3	5.5	145	75	35	26	12	85	5/8"-11
VS20AL-727	7200	7	175	7.4	3.3	5.5	145	75	35	26	12	85	5/8"-11

### General:

Air Inlet Size: 1/4" NPT • Recommended Hose Size: 3/8" (10 mm) • Performance rated @ 90 psig (6.2 bar) air pressure

### Standard Equipment:

Parts List • Safety and Instruction Manual • Spindle Wrenches • Backing Pad & Nut

### Accessories:

Sander Accessories, see pages 59 – 61



**SAFETY PRECAUTION:** Read and follow all safety and operating instructions.  
**WARNING:** Face & eye protection must be worn while operating power tools, per ANSI B186.1

## CUTOFF TOOL (TYPE 1)

### Performance:

Power: 1 hp (0.75 kW)  
Free Speed: 18,000 rpm – 25,000 rpm

### Features:

Inline  
Lockoff Lever Start  
Front or Rear Exhaust



**SCO10S253F**



### Cutoff Tool

Model Number	Blade Diameter		Depth of Cut		Free Speed	Weight		Length		Air Consumption		Sound Level	Exhaust
	in	mm	in	mm	rpm	lb	kg	in	mm	cfm	l/s	dB(A)	
1 hp (0.75 kW) – Cutoff Tool – Inline – Lockoff lever Start													
SCO10S184F	4	100	1.1	28	18,000	2	0.9	8.3	210	30	14	89.1	Front
SCO10S184R	4	100	1.1	28	18,000	2	0.9	8.3	210	30	14	87.8	Rear
SCO10S204F	4	100	1.1	28	20,000	2	0.9	8.3	210	30	14	90.3	Front
SCO10S204R	4	100	1.1	28	20,000	2	0.9	8.3	210	30	14	91.6	Rear
SCO10S253F	3	76	1	25	25,000	2	0.9	8.3	210	30	14	89	Front
SCO10S253R	3	76	1	25	25,000	2	0.9	8.3	210	30	14	87.8	Rear

### General:

Air Inlet Size: 1/4" NPT • Recommended Hose Size: 3/8" (10 mm) • Performance rated @ 90 psig (6.2 bar) air pressure

### Standard Equipment:

Parts List • Safety and Instruction Manual • 1 Blade • Spindle Wrenches & Guard

### Accessories:

Panel and Cutoff Saw Accessories, see pages 81 – 82

## ANGLE CUTOFF TOOLS (TYPE 1)

### Features:

Heavy duty spiral bevel gearing for durability and smooth operation

4 position indexable angle head  
360 degree rotatable guard  
Grease zerk in gear case



**SCO10A106**



### Angle Cutoff Tool

Model Number	Blade Diameter		Depth of Cut		Free Speed	Weight		Length		Air Consumption		Sound Level	Spindle Thread	Exhaust
	in	mm	in	mm		lb	kg	in	mm	cfm	l/s			
SCO7A184	4	100	1.2	30	18,000	2.5	1.4	6.4	163	25	12	TBD	3/8"-24	Front
SCO10A106	6	150	2	51	10,000	3.7	1.7	8.75	220	35	16.5	91.2	5/8"-11	Rear
SCO10A125	5	125	1.5	38	12,000	3.5	1.6	8.75	220	35	16.5	87.3	5/8"-11	Rear
SCO10A184	4	100	1.2	30	18,000	2.5	1.4	7.75	195	35	16.5	TBD	3/8"-24	Rear
SCO10AXL124	4	100	1	25	12,000	3.6	1.6	11.25	285	35	17	83.7	3/8"-24	Rear

### General:

Air Inlet Size: 1/4" NPT • Recommended Hose Size: 3/8" (10 mm) • Performance rated @ 90 psig (6.2 bar) air pressure

### Standard Equipment:

Parts List • Safety and Instruction Manual • 1 Blade • Spindle Wrenches & Guard

### Accessories:

Angle Cutoff Tool Accessories, see page 81 – 82



**SCO10AX124**



**SCO10AX124G**



### Angle Metal Body Extended Cutoff Tool

Model Number	Blade Diameter		Depth of Cut		Free Speed	Weight		Length		Air Consumption		Sound Level	Spindle Thread	Exhaust
	in	mm	in	mm	rpm	lb	kg	in	mm	cfm	l/s	dB(A)		
1 hp (0.75 kW) – Lever Throttle – Aluminum Housing														
SCOA1AX124	4	100	1	25	12,000	3.9	1.8	10.5	267	35	16.5	88	3/8" - 24	Front
1 hp (0.75 kW) – Lever Throttle – Aluminum Housing with Grip														
SCOA1AX124G	4	100	1	25	12,000	3.6	1.6	10.5	267	35	16.5	88	3/8" - 24	Front
1 hp (0.75 kW) – Lever Throttle – Steel Housing														
SCOS1AX124	4	100	1	25	12,000	4.5	2	10.5	267	35	16.5	89	3/8" - 24	Front
1 hp (0.75 kW) – Lever Throttle – Steel Housing with Grip														
SCOS1AX124G	4	100	1	25	12,000	4.1	1.9	10.5	267	35	16.5	87	3/8" - 24	Front

### General:

Air Inlet Size: 1/4" NPT • Recommended Hose Size: 3/8" (10 mm) • Performance rated @ 90 psig (6.2 bar) air pressure

### Standard Equipment:

Parts List • Safety and Instruction Manual • 1 Blade • Spindle Wrenches & Guard

### Accessories:

Angle Cutoff Tool Accessories, see page 81 – 82

