



# Air Tools for the Rail Industry



Robust Steel Housing  
OR  
Durable Aluminum Housing



Head Height 2.28"

**SWGS1AX124**

Steel or Aluminum Housing  
Available With Comfort Grip



**SWGS1AX124G**

For use with:

- Type 27 Depressed Center Wheels

'Drop In' Motor Assembly for Ease of Maintenance (SWG10M12)

## 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		
<b>1 hp (0.75 kw) – Lever Throttle – Aluminum Housing</b>												
SWGA1AX124	12,000	4.0	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
<b>1 hp (0.75 kw) – Lever Throttle – Aluminum Housing with Grip</b>												
SWGA1AX124G	12,000	4.0	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
<b>1 hp (0.75 kw) – Lever Throttle – Steel Housing</b>												
SWGS1AX124	12,000	4.0	100	3.9	1.8	10.5	267	86	35	17	3/8" - 24	Front
SWGS1AX1245	12,000	4.5	115	4.0	1.8	10.5	267	86	35	17	5/8" - 11	Front
<b>1 hp (0.75 kw) – Lever Throttle – Steel Housing with Grip</b>												
SWGS1AX124G	12,000	4.0	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

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**SDGS1S18**



**SDGS1S18G**

**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		
<b>1 hp (0.75 kw) – Lever Throttle – Aluminum Housing</b>										
SDGA1S12	12,000	1.5	0.7	6.9	175	91	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	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	30	14	1/4"	Front
SDGA1S25M6	25,000	1.5	0.7	6.9	175	86	30	14	6 mm	Front
<b>1 hp (0.75 kw) – Lever Throttle – Aluminum Housing with Grip</b>										
SDGA1S12G	12,000	1.4	0.6	6.9	175	91	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	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	30	14	1/4"	Front
SDGA1S25M6G	25,000	1.4	0.6	6.9	175	85	30	14	6 mm	Front
<b>1 hp (0.75 kw) – Lever Throttle – Steel Housing</b>										
SDGS1S12	12,000	2.2	1.0	6.9	175	90	30	14	1/4"	Front
SDGS1S12M6	12,000	2.2	1.0	6.9	175	90	30	14	6 mm	Front
SDGS1S18	18,000	2.2	1.0	6.9	175	85	30	14	1/4"	Front
SDGS1S18M6	18,000	2.2	1.0	6.9	175	85	30	14	6 mm	Front
SDGS1S25	25,000	2.2	1.0	6.9	175	85	30	14	1/4"	Front
SDGS1S25M6	25,000	2.2	1.0	6.9	175	85	30	14	6 mm	Front
<b>1 hp (0.75 kw) – Lever Throttle – Steel Housing with Grip</b>										
SDGS1S12G	12,000	1.8	0.8	6.9	175	92	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	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	82	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



**SAGA1AX12**



**SAGA1AX12G**



**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		
<b>1 hp (0.75 kw) – Lever Throttle – Aluminum Housing</b>										
SAGA1AX12	12,000	3.2	1.5	10.5	267	87	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
<b>1 hp (0.75 kw) – Lever Throttle – Aluminum Housing with Grip</b>										
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
<b>1 hp (0.75 kw) – Lever Throttle – Steel Housing</b>										
SAGS1AX12	12,000	3.8	1.7	10.5	267	87	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
<b>1 hp (0.75 kw) – Lever Throttle – Steel Housing with Grip</b>										
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



**SCOA1AX124**



**SCOA1AX124G**



For use with:  
 • Type 1 Cutoff Wheels

**Angle Cutoff Tool**

Model Number	Blade Diameter		Depth of Cut		Free Speed rpm	Weight		Length		Air Consumption		Sound Level dB(A)	Spindle Thread	Exhaust
	in	mm	in	mm		lb	kg	in	mm	cfm	l/s			
<b>1 hp (0.75 kw) – Lever Throttle – Aluminum Housing</b>														
SCOA1AX124	4.0	100	1	25	12,000	3.9	1.8	10.5	267	35	16.5	88	3/8" - 24	Front
<b>1 hp (0.75 kw) – Lever Throttle – Aluminum Housing with Grip</b>														
SCOA1AX124G	4.0	100	1	25	12,000	3.6	1.6	10.5	267	35	16.5	88	3/8" - 24	Front
<b>1 hp (0.75 kw) – Lever Throttle – Steel Housing</b>														
SCOS1AX124	4.0	100	1	25	12,000	4.5	2.0	10.5	267	35	16.5	89	3/8" - 24	Front
<b>1 hp (0.75 kw) – Lever Throttle – Steel Housing with Grip</b>														
SCOS1AX124G	4.0	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



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