

ART 102259_{ST-AS10N3R}



SPECIFICATIONS

Free Speed	18,000 r/min
Pad Size	3" (76 mm)
Air Consumption	10 CFM (283 L/min)
Overall Length	6-2/3" (170 mm)
Air Inlet (PT)	1/4" (6.35 mm)
Air Hose (I.D.)	3/8" (10 mm)
Air Pressure	90 psi (6.3 bar)
Net Weight	1.8 lbs (0.8 kg)

NOISE AND VIBRATION

Vibration EN ISO 28927-3	Noise EN ISO 15744	Remark
No-Load: 1.13 m/s ²	Sound Pressure Level No load: 86 dB(A)	Please always wear ear protector at environment noise level > 80 dB(A) due to risk of impaired hearing
	Sound power level No load: 97 dB	
Uncertainty K= 1.5 m/s ²	Uncertainty K= 3dB	



2006/42/EC

And conforms to the following EN Standard

EN ISO 12100:2010	Safety of machinery
EN ISO 11148-8:2011	Hand-held non-electric power tools

DECLARATION OF CONFORMITY

IRONSIDE INTERNATIONAL declares that this new product complies with the following regulations:

ART 102259_{ST-AS10N3R}

Designation:

ANGLE SANDER 3" 18000 RPM

Specifications:

Motor power 0.5HP

1/4 20T for pad

Rear exhaust

RPM: 18000 Rpm

Length: 170 mm

Air inlet: 1/4

Air Hose: 3/8

Air consumption: 283l/min

Weight: 0.8 Kg

Noise: 86 dB(A)

Vibration No-Load: 1.13 m/s²



2006/42/EC

And conforms to the following EN Standard

EN ISO 12100:2010
EN ISO 11148-8:2011

Safety of machinery
Hand-held non-electric power tools

Name and signature

Date and place
01/04/2019

Stéphane DERRIEN



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Foreword

IRONSIDE is a manufacturer and exporter of air tools since established. We have devote all our efforts in improving quality and tools' life. As well as the noise and vibration of tools. Bring all of you working efficiencies, profits, and enjoy using the tool is our principle.

Operator's instruction

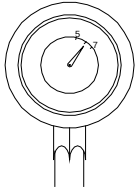
1. Main Applications

Finishing metal carts and products.
Finishing welded surface.
Trimming parts.
Finishing steel cabinets and furniture.
Foundation finishing prior to coating.
Finishing plastic products, glass, and earthenware.
Finishing stone and decorative wood products.
Finishing sashes and other building material.
Light and medium duty auto, ship and aircraft finishing.

2. Cautions for Use

2-1 Air pressure

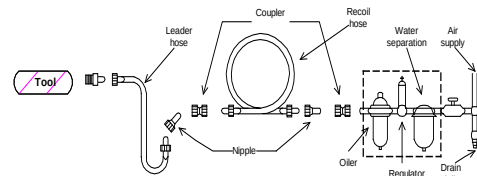
Maximum performance is displayed at the proper sanding speed, obtainable at a gauge pressure of 6.2 bar. Range-wise, this is an air pressure from 5 to 7 bar (70 to 100 psi)



2-2 Air line

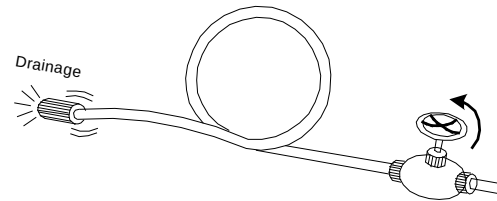
Use a 3/8" air hose between the compressor and the tool. Compressed air is cooled and its water content separated, as soon as the air leaves the compressor. A portion of the water content, however, is condensed in the piping, and can enter the tool mechanism,

and may cause trouble. So, install an air filter and on oiler between the compressor and the tool. Use a 3 HP or larger compressor for each sander.



2-3 Air hose

Clean the hose with a blast of compressed air before connecting the hose to air tool. This will prevent both moisture and dust within the hose from entering the tool and causing possible rust or malfunction. To compensate for unusually long hose (over 25 ft), the line pressure should be increased accordingly.



2-4 Sandpaper

The specification of sandpaper ranges from # 40 to # 200. Also note that, the maximum operating speed which the sandpaper can afford shall be higher than the rotation speed of this tool.

2-5 The approved eye protector, ear-muff, mouth-muffle, and gloves shall be worn when operate this tool.

2-6 The working place shall be ventilative.

2-7 Release the on-off device in the case of energy supply failure.

3. Operation, Adjusting And

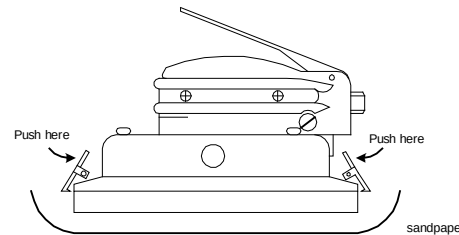
Replacing Method

3.1 On-off device

The on-off device is on the top of this tool. It is a "hold-to-run" type. You can also adjusting the running speed by raising or lowering the lever. This tool stops rotation within few sec, after releasing the lever. For the sake of safety, put it on a soft cloth or on hanger after it completely stops.

3.2 Sandpad

There are two clips on both ends of this tool. Push lever toward the center of this tool to open the clip. Put a sandpaper, which should be longer than the pad by 3 to 4 inches in length, even flat and clip the sandpaper properly.



4. Maintenance

4-1 Lubrication

Before connecting the hose, apply 4 or 5 drops of #60 spindle oil at the air inlet. Use of a thicker oil can lead to reduced performance or malfunction. If a thicker oil is used by accident, wash it away immediately. Also, every 3 or 4 hours of operation, oiling is necessary.

4-2 Storage

Avoid storing the tool in a location subject to high humidity. If the tool is left as it is used, the residual moisture inside the tool can cause rust. Before storing and after operation, oil the tool at the air inlet with spindle oil and run it for a short time.

4-3 Disposal

If the tool is too seriously damaged to be used anymore, drop it in a resource

recycling can. Never drop it into fire.

4-4 Ordering service Parts

For further operational and handling information or for replacement of parts and components, contact the sale agent from whom you purchased the tool or the service division of our company.

- In ordering parts and components, give each part number, name and quantity.

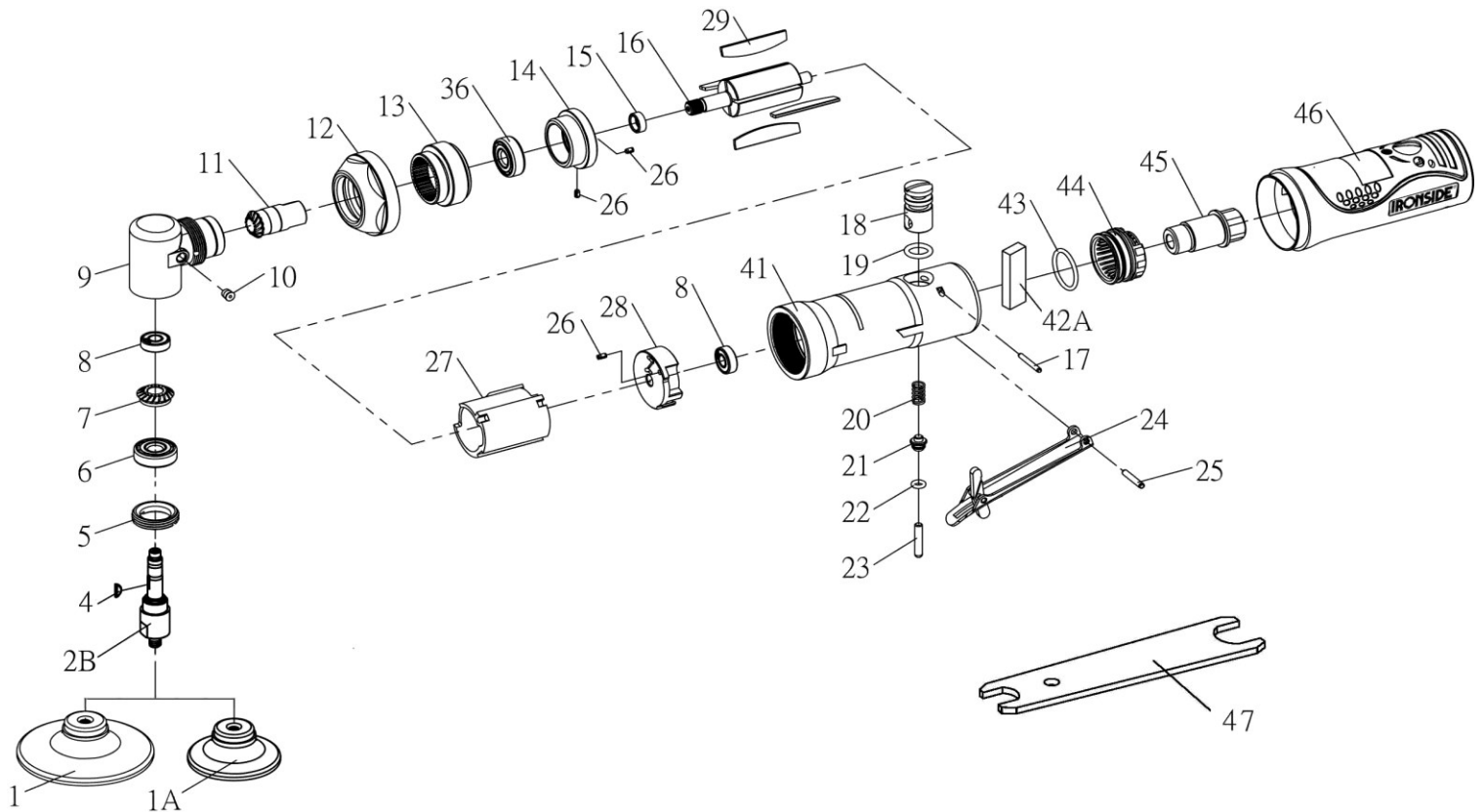
Warning

1. This tool is not insulated for coming into contact with electric power source.
2. It is forbidden to use this tool in explosive atmospheres and do not put any combustible material near the workpiece since it emit sparks when grind with metal material.
3. Prevent long hair or loose clothing from drawing in while operate this tool.
4. Never carry the tool by hose and beware of a whipping compressed air hose.
5. Rotating action can cause this tool to become hot. Allow to cool and disconnect air hose before any changing or adjusting.
6. It is not designed for wax polish.
7. This tool stops rotation within several sec, after releasing the lever. For the sake of safety, put it on a stable position after completely stop.



SANDER

ART 102259 EXPLODING VIEW



PARTS LIST

No.	Parts No.	Description	Q'ty
1	201485	3" Pad	1
1A	201487	2" Hook Pad	1
2B	AS10N2R-02B	Spindle Nut For Shorter	1
4	AS10N2R-04	Woodruff Key	1
5	AS10N2R-05	Clamp Nut	1
6	102260 repair kit	Bearing (608ZZ)	1
7	102260 repair kit	Spindle Gear	1
8	102260 repair kit	Ball Bearing (696ZZ)	2
9	AS10N2R-09	Angle Head Housing	1
10	AS10N2R-10	Grease Fitting	1
11	AS10N2R-11	Pinion	1
12	AS10N2R-12	Coupling Nut	1
13	AS10N2R-13	Lock Ring	1
14	AS10N2R-14	Front End Plate	1
15	AS10N2R-15	Bearing Space	1
16	AS10N2R-16	Rotor	1
17	DG1002L-17	Spring Pin (Φ2.5x20)	1
18	DG1002L-18	Valve Screw	1
19	DG1002L-19	O-Ring (ID9.8x2.4)	1

No.	Parts No.	Description	Q'ty
20	DG1002L-20	Valve Spring	1
21	DG1002L-21	Throttle Valve	1
22	DG1002L-22	O-Ring (P4)	1
23	DG1002L-23	Valve Shaft	1
24	DG1002L-24	Throttle Lever Assy	1
25	DG1002L-25	Spring Pin (M3x18)	1
26	AS10N2R-26	Spring Pin (Φ2.5x4)	3
27	AS10N2R-27	Cylinder	1
28	AS10N2R-28	Rear End Plate	1
29	102260 repair kit	Rotor Blade	4
36	102260 repair kit	Bearing (608ZZ)	1
41	DG1002L-41	Housing	1
42A	DG1002L-42A	Muffler	1
43	DG1002L-43	O-Ring (S022.4)	1
44	DG1002L-44	Exhaust Sleeve	1
45	DG1002L-45	Inlet Bushing	1
46	DG1002L-46-IRONSIDE	Housing Cover [IRONSIDE]	1
47	AS10N2R-47	Spanner Wrench (#17)	1