

5" Industrial Angle Sander W/O Lever Lock 102692 ST-GD505L3-PL

Specification:

Free Speed	12,000 r/min
Sanding Pad	5" (125mm)
Spindle Thread	M14x2.0
Motor	2.3HP
Air Consumption	29 CFM (820 L/min)
Overall Length	10-3/7" (265 mm)
Air Inlet (PT)	3/8" (10 mm)
Air Hose (I.D.)	1/2" (13 mm)
Air Pressure	90 psi (6.3 bar)
Net Weight	3.4 lbs (1.55 kg)

Noise and Vibration:

Vibration EN ISO 28927-3	Noise EN ISO 15744	Remark
Load: 5.2 m/s ²	Sound Pressure Level load: 79 dB(A)	Please always wear ear protector at environment noise level > 80 dB(A) due to risk of impaired hearing!
	Sound power level load: 90 dB(A)	
	Uncertainty K= 1.5 m/s ²	
	Uncertainty K= 3dB	

DECLARATION OF CONFORMITY

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

ART 102692 ST-GD505L3-PL

Designation:

PNEUMATIC ANGLE SANDER



Machinery Directive: 2006/42/EU

And conforms to the following EN Standard

EN ISO 12100: 2010
EN ISO 11148-7:2012

Name and signature

Stéphane DERRIEN

Date and place
18/01/2021

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.

Features

1. Finishing of flat wide surfaces.
2. It cause no dust for its accessory dust collector.
3. The grinding speed can be freely adjusted by raising or lowering the lever according to the application.
4. Rear exhaust eliminates flying dust and noise.

Operator's instruction

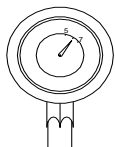
1. Main Applications

Durability, versatility and power make this high-speed sander excellent for paint removal, shaping filler patches, weld smoothing, and rust removal. Ability to precisely control speed makes tool useful for a variety of surface conditions and contours.

2. Cautions for Use

2-1 Air pressure

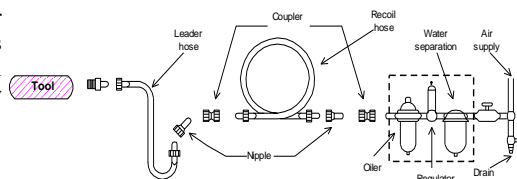
Maximum performance is displayed at the proper sanding speed, obtainable at a gauge pressure of 6.2 bar. Range-wise, this is an air pressure from 5 to 7 bar (70 to 100 psi)



2-2 Air line

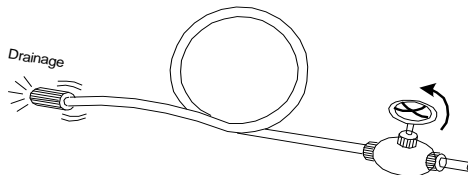
Use a 3/8" air hose between the compressor and the tool. Compressed air is cooled and its water content separated, as soon as the air leaves the compressor. A portion of the water content, however, is condensed in the piping, and can enter the tool mechanism, and may cause trouble. So, install an air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

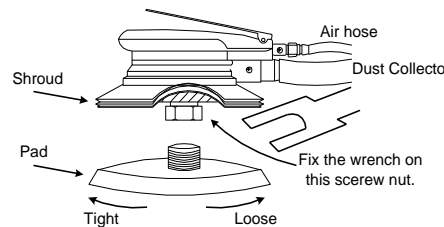
3.1 On-off device

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 Sand pad

If the sanding pad is no longer adhesive, you should change to a new one. To change for it, turn up the shroud and insert the supplied wrench to fix the screw bolt in the central then turn the pad as shown in the illustration below.



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

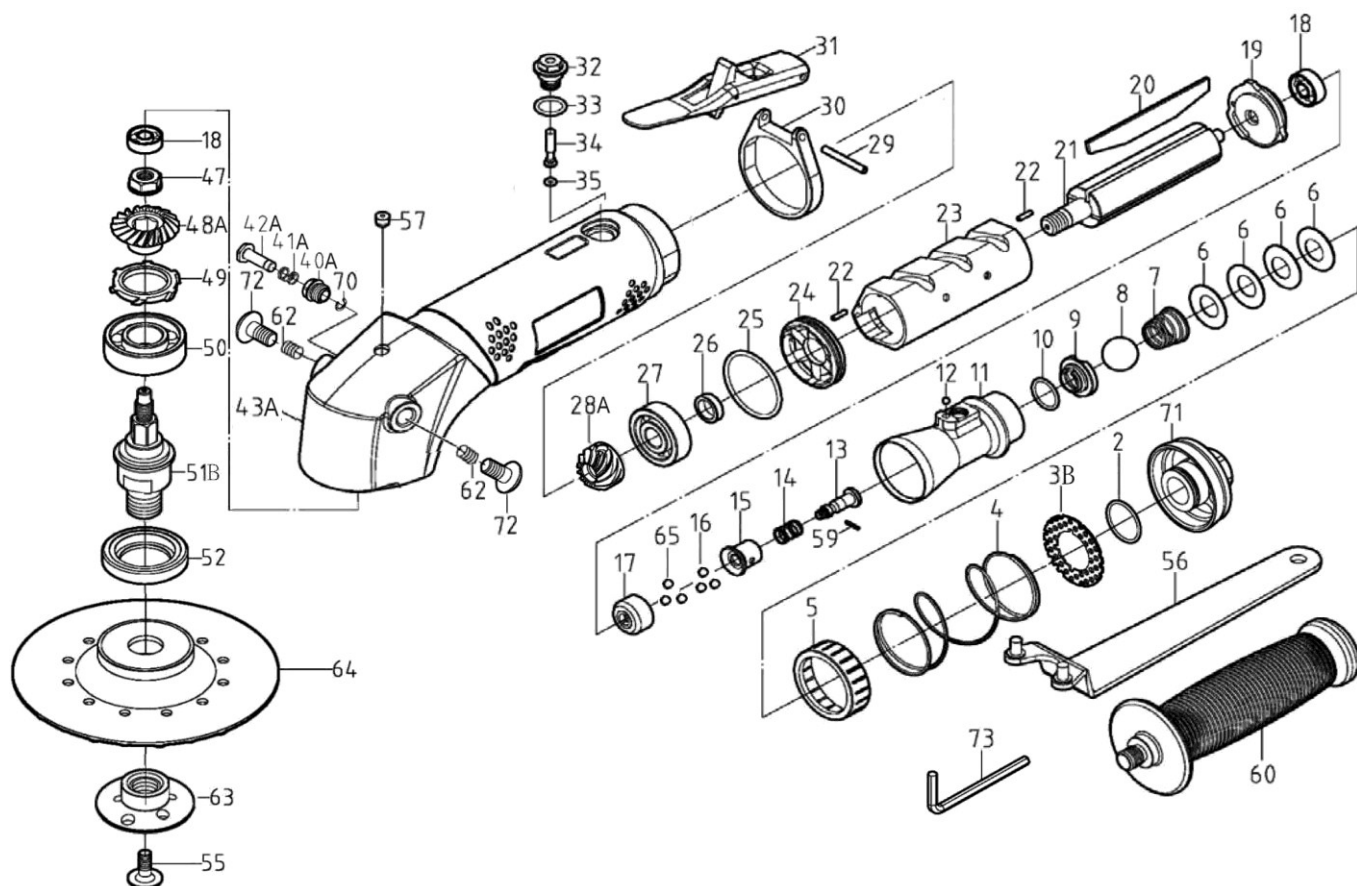
part number, name and quantity.

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.



SANDER



PARTS LIST

No.	Parts No.	Description	Q'ty
2	102751	O-Ring	1
3B	GD505L-03B	Exhaust Deflector	1
4	GD505L-04	Spring	1
5	GD505L-05	Bushing	1
6	GD505L-06	Washer	4
7	GD505L-07	Cone Spring	1
8	GD505L-08	Steel Ball	1
9	GD505L-09	Washer	1
10	102751	O-Ring	1
11	GD505L-11	Reverse Valve	1
12	GD505L-12	Steel Ball	1
13	GD505L-13	Screw	1
14	GD505L-14	Spring	1
15	GD505L-15	Bushing	1
16	GD505L-16	Steel Ball	3
17	GD505L-17	Regulator Valve	1
18	102751	Ball Bearing	2
19	GD505L-19	Rear Plate	1
20	102751	Blade	4
21	GD505L-21	Rotor	1
22	GD505L-22	Spring Pin	2
23	GD505L-23	Cylinder	1
24	GD505L-24	Front Plate	1
25	102751	O-Ring	1
26	GD505L-26	Washer	1
27	102751	Ball Bearing	1
28A	102751	Driving Gear Spindle	1
29	GD505L-29	Spring Pin	1
30	GD505L-30	Bolt Holder	1

31	GD505L-31	Trigger	1
32	GD505L-32	Screw	1
33	102751	O-Ring	1
34	GD505L-34	Pin Valve Rod	1
35	102751	O-Ring	1
40A	GD505L-40A	Screw	1
41A	GD505L-41A	Spring	1
42A	102751	Lock Pin	1
43A	GD505L-43A	Housing	1
47	GD505L-47	Lock Nut	1
48A	102751	Bevel Gear	1
49	GD505L-49	Washer	1
50	102751	Ball Bearing	1
51B	GD505L-51B	Anvil (M14)	1
52	GD505L-52	Cylinder Set Screw	1
55	GD505L-55	Screw	1
56	GD505L-56	Wrench	1
57	GD505L-57	Oil Drop	1
59	GD505L-59	Pin	1
60	GD505L-60	Handle	1
62	GD505L-62	Heli Sert	2
64	GD505L-64	5" Pad [Incl. 63 Lock Nut]	1
65	GD505L-65	Plastic Ball	3
70	GD505L-70	Retaining Ring	1
71	GD505L-71A	Air Inlet (PT19)	1
	GD505L-71B	Air Inlet (NPT18)	1
	GD505L-71C	Air Inlet (PS19)	1
72	GD505L-72	Screw	2
73	GD505L-73	Allen Wrench	1