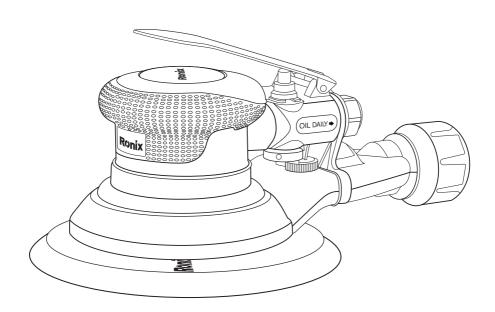


SELF-VACUUM AIR ORBIT SANDER RA-1601





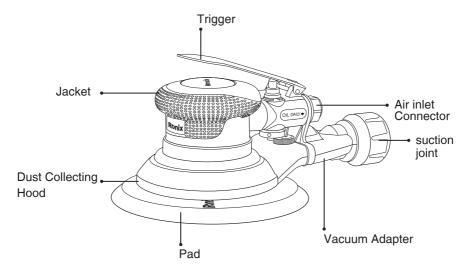


TECHNICAL SPECIFICATION

Model	RA-1601
Power Source	Pneumatic
Material	ADC12 aluminum alloy +TPE handle grip
Size	23.5×15×12cm
Free Speed	10500RPM
Air inlet	1/4 inch
Air Pressure	90Psi
Weight	1.5Kg (Including Parts)
Include	1pc-nipple 1pc-wrench 1pc-dust collecting hose 1pc-dust collecting bag



PART LIST



BEFORE EACH USE

- 1- Drain water from air compressor tank and condensation from air lines. (Please refer to air compressor's operation manual.)
- 2- Lubricate the tool. (Please refer to the "Maintenance" section in the manual.)
- 3- Select the necessary sockets. The socket has to match with the size of the drive on the air tools.
- 4- Connect air tools to air source with the hose of recommended size.

Operation

- 1- Turn on the air compressor and allow its tank to be filled.
- 2- Set the air compressor regulator to 90Psi. This air orbit sander operates at a maximum of 90Psi air pressure.
- 3- Depress the trigger to start operating the tool.
- 4- Release the trigger in order to stop the tool.
- 5- When changing sockets, always disconnect air supply to avoid injury.



6- When job is completed, turn off the air compressor and store the air tool after lubrication.

GENERAL SAFETY GUIDELINES

This product is a part of high pressure system and the following safety precautions must be followed at all time along with any other existing safety rules.

- 1- Read all manuals included with this product carefully. Be thoroughly familiar with the controls and the proper use of the equipment.
- 2- Only persons well acquainted with these rules of safe operation should be allowed to use the air tool.
- 3- Do not exceed any pressure rating of any component in the system.



A DANGER!

- DO NOT exceed the maximum operating pressure of the air tool (90 Psi.) The air tool could explode and result in death or serious injury.
- 4- Disconnect the air tool from air supply before changing tools or attachments and during non-operation.
- 5- Always wear safety glasses and ear protection during operation.



■ WARNING!

Always wear ANSI approved Z87.1 safety glasses with shields.



A WARNING!

Always wear ANSI S3.19 hearing protection.

- 6- Do not wear loose fitting clothing or apparel which contains loose straps or ties, etc. which could become entangled in moving parts of the tool and results in serious personal injury.
- 7- Do not wear jewelry, watches, identifications, bracelets, necklace, etc. when operating any tool, they may become caught in moving parts and result in serious injury.
- 8- Do not depress trigger when connecting the air supply hose.



A WARNING!

DO NOT use hand tool sockets. Use only quality sockets with air tools.

- 9- Never lever the tool when not applied to a work object. Attachments must be securely attached. Loose attachments can cause serious injury.
- 10- Protect air lines from damage or puncture.
- 11- Never point an air tool at oneself or any other person. Serious injury could occur.
- 12- Check air hoses for weak or worn condition before each use. Make sure all connections are secure.
- 13- Keep all nuts, bolts and screws tight and ensure equipment is in safe working condition.
- 14- Do not put hands near or under moving parts.



DO NOT misuse the product, excessive exposure to vibration, work in awkward position and repetitive work motion.

MIMPORTANT:

- 15-The warnings mentioned in this manual cannot cover all possible conditions and situations that may occur. Operators must have common sense in mind and use this tool with caution to avoid any injuries from happening.
- 16- Keep children and bystanders far away during operating this tool.
- 17- Maintain air tools. If the tools are damaged, have the tools repaired before use.
- 18- Do not smoke during use.
- 19- Always stay alert and keep an eye on what you are doing. Do not use the product if you feel tired or under the influence of drugs, alcohol, or medication. A moment of distraction when operating cranes may result in serious personal injury.



MAINTENANCE

LUBRICATION:

Air tools require lubrication throughout the lifetime of the tools. The air motor and bearing uses compressed air to power the tool, due to the moisture of the compressed air will rust the air motor and other parts in side of the tools, therefore lubrication is required daily. Failure to lubricate the air tool properly will dramatically shorten the life of the tool.



A CAUTION!

This air tool requires lubrication BEFORE initial use, also before and after each additional use. lubricate the air tool manually.

- 1- Remove any attachment on the drive of air tools, such as: sockets. chisels and etc.
- 2- Disconnect the tool from the air supply source, place the air inlet faces up.
- 3- Depress the trigger and place about 5 c.c. of air tool oil into the air inlet. (Depressing the trigger will help circulating oil in the motor.)

NOTE: Use SAE #10 weight oil if air tool oil is not available.



WARNING!

Keep out of the reach of children. If taken internally, do not induce vomiting, call a doctor immediately.

4- Connect the tool to air source, cover the exhaust end with a towel and run for about 20 to 30 seconds.



WARNING!

Any excess oil in the motor is immediately expelled from the exhaust port. Always direct exhaust port away from people or objects.

STORAGE:

The air tool must be lubricated before storing. Follow the "Lubrication" instruction.

