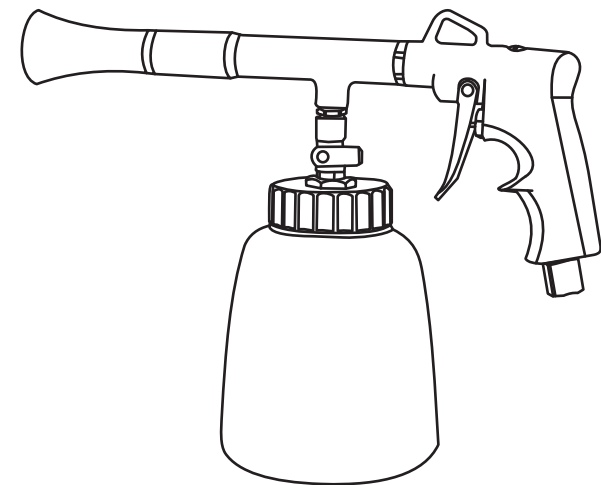


User's Manual



Air Cleaning Gun




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AIR CLEANING GUN

 Read and understand the owner's manual and labels affixed to the tool. Learn its application and limitations as well as the specific potential hazards peculiar to this tool.

A. OPERATION GUIDES

1. TIPS FOR USE

(Safety Regulations while using KI brand Air Cleaning Gun)

1.1. AIR PRESSURE

Always use the clean and dry air to operate the tool at 90 psi (6.2 bar) & do not operate exceed maximum working air pressure at 90 psi (6.2 bar) as recommended.

1.2. AIR LINE

Use a fitting air hose for connection between the compressor & tools.

The compressed air is cooled and its water content would be sorted when the air blow out from the compressor.

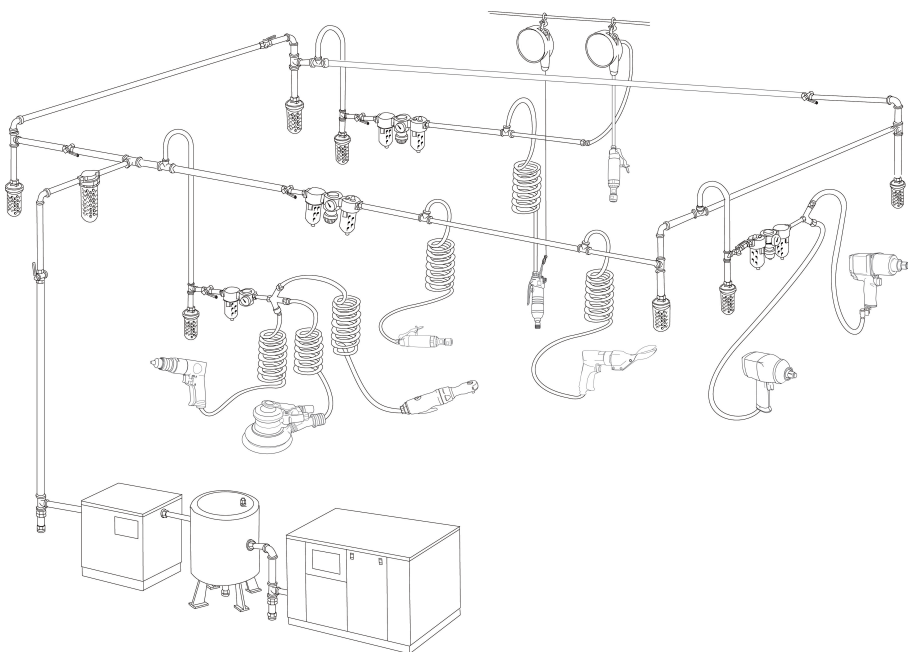
Part of the water could be compressed in the pipe and could permeate into the tool's mechanism to cause mechanical failures.

It would be strongly recommended to install an air filter, moisture separator, regulator and lubricator among the air supply and the air tools.


1.3. AIR HOSE

Before connecting the hose to air tools, please clean firstly the hoses with a blowout of compressed air.

This will prevent both moisture and dust contented within the hose from entering the tools and causing the possible rust and malfunction.



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B. Operational Method

1. The on/off device is designed inside or outside of the grip. It is a "plug-and-run" type device. This tool will stop operation/rotation in a few seconds after relieving the level control.
2. These accessories or attachments are recommended for use with your KUANI tool specified in this manual. The use of any other accessories or attachments might present a risk of injury to persons. Only use accessory or attachment for its stated purpose.
3. The speed set up device is indicated by an arrow mark and intergraded with an indication either marked by "H"(high) and "L"(low) or by "+"(high) and "-"(low), rotating the knob to desired speed.
4. Torque Regulator
To set up the torque by using the knob which is indicated by the numbers. Higher number indicates higher torque output setting.
5. Rotating Direction
Be sure the rotation direction before operating this tool. The "F" point out the direction of forward and the "R" indicates reserve direction. Forward direction is defined as clockwise direction seen from the operator's position.

C. Maintenance & Repairs

1. Lubrication

Before connecting the air hose, it should apply 4 to 5 drops of #60 spindle oil at air inlet. The repeat oiling after 3 to 4 hours operation will be necessary.

Do not lubricate tools with flammable or volatile liquids such as kerosene, diesel or jet fuel.

2. Fastening of parts

Do the regular check if all the connecting parts are fastened securely properly.

It is necessary to go through this check daily before starting your work.

3. Cleanness

Dusty and oiling surface on the handle will infected the grip which caused to the reaction torque. Clean the handle with dry clothing is strongly recommended before operation this tool.

4. Storage

Put the tool in dry and clean environment. If the tool shall not to be used for a period of time, the residual moisture inside of the instrument could cause the rust.

Before storing, oil the instrument at air inlet with spindle oil and operate it for a short period is strongly recommended.

D. Repairs

Do make use of the spare parts for all the maintenance and repairing job.

Do not invent or make any unnecessary temporary repairs. Major service of maintenance and repairs should be only carried out by well-trained persons or KI of its own authorized service representatives.

Make sure the free speed after each service.

E. Disposal

Following is the national legislation of waste disposal. Never dispose of the air tool into fire. Separate collection!! This product must not be disposed with normal household waste.



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WARNING

1. Please read, understand and follow all safety information contained in these instructions prior to the use of this tool.
2. Read, understand and follow the safety information contained in these instructions prior to the use of this tool.
Retain these instructions for future reference.
3. Only personnel who are properly trained should be allowed to service this tool.
4. Work alert, have proper attire, and do not operate tools under the influence of alcohol or drugs.
5. Operators and other personnel must always wear protection for eyes, ears, and respiratory protection when in the work area or while operating this product.
6. Wear protective apparel, taking into consideration the type of work being done.
7. Proper eye protection must be worn at all times.
8. If you notice any abnormal noise or vibration when operating the product, immediately discontinue its use and inspect for worn or damaged components (mounting hardware, abrasive product, etc).
9. Correct or replace component. repair or replacement. Refer to warranty instructions.
10. Prior to use, ensure guard is oriented to protect the operator from flying dust and fume hazards.
11. Make sure the tool is disconnected from its air source before servicing, inspecting, maintaining, cleaning.
12. Wear suitable protective gloves while operating tool.
13. Do not touch the rotating parts during operation for any reason.
14. Do not force tool or use excessive force when using tool.
15. If any physical hand/wrist discomfort is experienced, work should be stopped promptly to seek medical attention.
16. Hand, wrist and arm injury may result from repetitive work, motion and overexposure to vibration.
17. Compressed air used for cleaning in the workplace can be very dangerous if the necessary precautions are not taken.
18. Never exceed marked maximum input pressure (90psi / .62Mpa / 6.2Bars).
19. High-pressure injection of particles or liquids may damage eyes or skin.
20. Compressed air entering the bloodstream through a break in the skin or through a body.
21. Opening can create an air bubble (embolism), which is a dangerous (and potentially deadly) medical condition.
22. Excessive noise may cause hearing loss and rupture eardrums.
23. Dangling hoses can present a trip hazard.
24. Ensure all hoses and components are appropriately rated to handle the supplied pressure from the compressor.
25. ALWAYS use the lowest pressure that will do the job.
26. When there is a risk for particulate exposure, ALWAYS wear goggles or a face shield over safety glasses to protect the eyes.
27. Use a noise reducing air gun and wear hearing protection when peak noise levels are greater than 85 decibels.
28. NEVER use compressed air to clean your clothes or body.
29. NEVER tamper with air guns to modify them in any way.
30. NEVER point an air gun or direct air towards another individual or your skin.



INSTRUCTION FOR USER INFORMATION

1. Always wear protection for eyes, ears, and respiratory protection while operating this product. Follow your employer's safety policy local/national standards for eyewear and other personal protective equipment requirements.
2. To use only lubricants recommended by the manufacturer.
3. Do not operate the tool in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
4. Do not allow this tool to come into contact with electrical power sources as the tool is not insulated against electrical shock.
5. Ensure supply hose is oil resistant and is properly rated for required working pressure.
6. Do not use tools with loose or damaged air hoses and fittings.

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7. Be aware that incorrectly installed hoses and fittings might unexpectedly come loose at any time and create a whipping/impact hazard. Check hose and fittings regularly for wear.
8. Do not carry the tool by its hose; always be careful to prevent the tool from being started when carrying the tool with the air supply connected.
9. Dust can be highly combustible. Keep working area clean.
10. Do not exceed maximum recommended air pressure. Use safety equipment as recommended.
11. The tool is not electrically insulated. Do not use where there is a possibility of contact with live electricity, gas pipes, and/or water pipes.
12. Take care to avoid entanglement with the moving parts of the tool with clothing, ties, hair, cleaning rags or loose hanging objects. If entangled, stop air supply immediately to avoid contact with moving tool part.
13. Components and piping shall be selected, applied and installed in accordance with the manufacturer's recommendations.
14. It is recommended that wherever practicable, components and piping made in accordance with recognized International Standards should be used.
15. If the excessive pressure can cause a hazard.
16. The protection against excessive pressure.
17. Loss of pressure or pressure drop shall not expose to a hazard.
18. All pneumatic components shall vent into a non-hazardous area with a connection to the Atmosphere.
19. Airborne noise and structure-borne noise shall be considered.
20. Leakage (internal or external) shall not cause hazards.
21. Isolating the supply with a suitable shut-off device, which should be lockable.
22. Releasing or supporting mechanical loads when the system is pressurized.
23. During external cleaning and painting of machinery, sensitive materials shall be protected from incompatible liquids.
24. The operator instruction shall include a description of the correct use of the power tool and make reference to the appropriate tools.
25. The operator instruction shall state that any other use is forbidden.
26. Air motors and semi-rotary actuators shall be mounted where they are protected from predictable damage, or be suitably guarded. Rotating shafts and couplings shall be guarded to prevent hazard to personnel.

Warranty

All of KI serial pneumatic tools are provided with complete after service and product warranty to the product that manufactured by Kuani Gear Co. Ltd and sold by its worldwide authorized dealers.

KI professional air tools, unless otherwise specified are unconditionally guaranteed against defects in materials and workmanship for the life of tool, excluding any other inappropriate operation, modification or repair.

KI will repair or replace the tool that fails to give satisfaction service on the condition that tool has not been abused or modified and that it is returned to authorized warranty KI dealer.

If there is a defective product claim of KI, please contact the KI's authorized sales/service representatives.