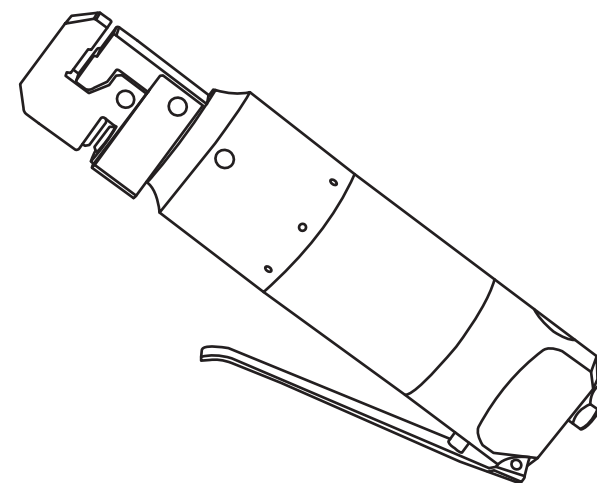


# User's Manual



Air Punch & Flange Tool



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## AIR PUNCH & FLANGE TOOL



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.

For multiple hazards, read and understand the safety instructions before installing, operating, repairing, maintaining, changing accessories on, or working near the power tool. Failure to do so can result in serious bodily injury.

### A. OPERATION GUIDES

#### 1. TIPS FOR USE

(Safety Regulations while using KI brand Air Punch & Flange Tool)

##### 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.

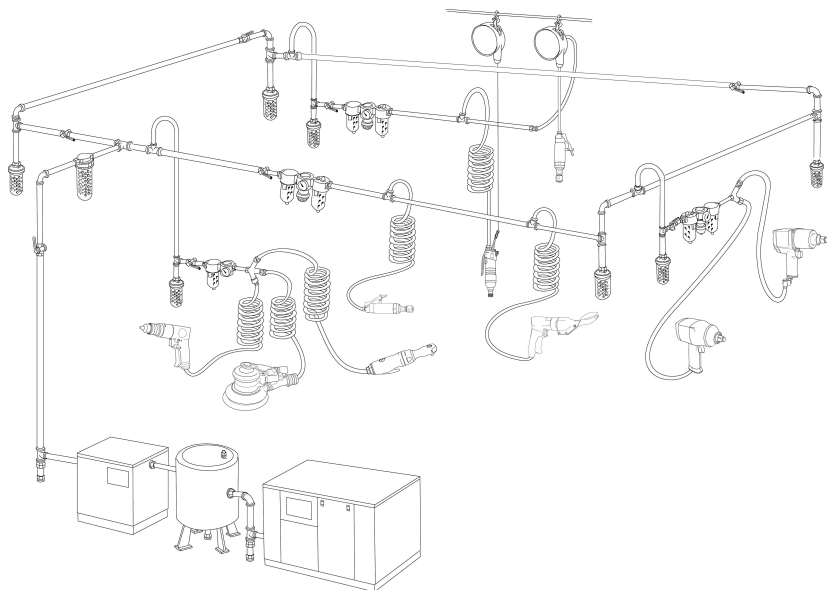
Part of the water could be compressed in the pipe and could permeate into the tool's mechanism to cause mechanical failures.

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.



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#### 2. Inserter Tools

Any other use is prohibited.



#### 3. Personal Protecting Devices

It is necessary to wear a approved eye and hearing protector, mouth-muffle and safety gloves when operating the tools.



#### 4. When operating the tool

Choose a fixed footing position to grip the tool sufficiently to overcome any incoming reaction forces that may occurred from the tool during operation.  
Do not over grip the tool.



5. If the tool is to be used with a balancer or other suspension devise ensure that the tool is firmly attached to the suspension/support device.

6. To turn off the air supply to the tool and press the on/off valve to exhaust the air from the feed hose before installing, removing or adjusting any accessory on this tool.



7. Be aware of entanglement of the moving parts of he tool with clothing neckties, long hair, jewelry, watches and etc. This could cause the body or parts of the body to be drawn toward and in contact with the moving parts and may be very dangerous.



8. Be aware of the exhaust air does not point toward to any other person or material that could be contaminated by oil droplets.

9. This tool is not electrically insulated. Never use the tool if there is any opportunity or any coming into contact with live electricity.

10. Do not lay down the tool until the working attachment has stopped moving completely.



11. The working places shall keep ventilating.

12. If any air supply break down then relieve the on-off device.



13. Use only the lubricant which recommended by the original manufacturer.

14. It is possible to attach a second handle on the tool to fix the tool to a suspension device, even if it is not delivered with tool.  
Please contact the sale agent for details.



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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. Use accessories recommended by KUANI. To use the accessories other than recommended by KUANI may cause safety risk, decrease of tool performance.
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.

### C. Maintenance & Repairs

1. Air supply not connected.
2. Air hose/hoses not securely connected, or damaged and leaking air.
3. Possible dirt or debris gathered in moving parts.
4. Check, make sure air supply is properly connected to the tool.
5. Check all air hose and connections, if any air hose damage is found, replace the damaged hose/hoses.
6. Do not apply duct tape or wraps of any kind to the damaged area.
7. Make sure Punch are wiped clean of any dirt or debris.
8. Check all compressor components and air delivery lines for leaks.
9. Check air line whether there is dirt, water or rust in the lines.
10. Check whether the impact mechanism or the air motor is over oiled.
11. Check whether the compressor and the pressure is as required by the tool.



### WARNING

1. Read and understand this manual before operating this product.
2. It is your responsibility to make this safety information available to others that will operate this product.
3. Failure to observe the following warnings could result in injury.
4. Keep your work area clean and well lit. Cluttered benches and dark areas invite accidents.
5. Keep bystanders, children, and visitors away while operating. Distractions can cause you to lose control. Provide barriers or shields as needed.
6. Stay alert. Watch what you are doing, and use common sense when operating.  
Do not use this Air Punch/Flange Tool while tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating may result in serious personal injury.
7. Dress properly. Do not wear loose clothing or jewelry. Contain long hair. Keep your hair, clothing, and gloves away from moving parts. Loose clothes, jewelry, or long hair can be caught in moving parts.
8. Avoid accidental starting before attaching to air supply. Carrying the tool with your finger.
9. Do not over reach. Keep proper footing and balance at all times.  
Proper footing and balance enables better control in unexpected situations.
10. Use safety equipment. Always wear eye protection. Nonskid safety shoes, hard hat, or hearing protection must be used for appropriate conditions. Always wear ANSI approved safety goggles and heavy-duty work gloves when using or performing maintenance on this tool. Use clamps or other practical ways to secure and support the work piece to a stable platform. Holding the work by hand or against your body is unstable and may lead to loss of control.
11. Disconnect the air supply before making any adjustments, changing accessories, or storing the Air Punch/Flange Tool. Such preventive safety measures reduce the risk of starting the tool accidentally.
12. Store idle tools out of reach of children and other untrained persons.
13. This Air Punch/Flange Tool is dangerous in the hands of untrained users. Never allow children to come in contact with this product. Maintain tools with care. Keep the Air Punch/Flange Tool clean. Properly maintained tools are less likely to bind and are easier to control.
14. Do not use a damaged tool. Tag damaged tools "Do not use" until repaired.
15. Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the tool's operation.



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16. If damaged, have the tool serviced by a qualified technician before using. Many accidents are caused by poorly maintained tools.
17. When servicing a tool, use only identical replacement parts.
18. Use of unauthorized parts or failure to follow maintenance instructions may create a risk damage to your project and/or personal injury.
19. Wear heavy-duty gloves and keep hands away from moving parts.
20. Use compressed air only. Clean, dry, regulated compressed air at no more than 90 PSI. Never use oxygen, carbon dioxide, combustible gasses, or any other bottled gas as a power source for this tool. Do not exceed 90 PSI.
21. Maintain labels and nameplates on the tool. These carry important information.
22. Maintain a safe working environment. Make sure there is adequate surrounding workspace.
23. Never leave the tool unattended when it is plugged into an air supply. Unplug it from its air supply before leaving.
24. Be sure to read and follow all safety warnings and instructions in the manual provided by the manufacturer of the air compressor you are using with this Air Punch/Flange Tool.
25. When unpacking, check to make sure that the item is intact and undamaged.
26. WARNING! Make sure the Air Punch/Flange Tool is "OFF" and the tool is disconnected from its air supply before making any adjustments.
27. Inspect the general condition of the tool. Check for loose screws, misalignment or binding of moving parts, cracked or broken parts, and any other condition that may affect its safe operation. If abnormal noise or vibration.
28. Never carry the tool by the hose.
29. Do not touch moving parts.
30. Keep tool away from your body while working.
31. Always wear ear-protection.
32. Only disconnect the machine without pressure of the air, to avoid infractions by uncontrollable movement of the air hose.
33. Only to use the machine for the described application. Rodcraft debar liability for consequences for alienated applications or contravention against the safety rules.
34. Air tools require lubrication. Most workshops have an automatic oiler incorporated in the air supply system you will need to lubricate the air tools daily. Apply a few drops of oil to the inlet of the air tool before you use it.
35. Wear safety protection. Make sure you are wearing the correct safety gear before you start. Goggles and ear protectors are usually sufficient.
36. Attach the workshop's air hose to the drill, and check the hose and fittings for any damage or obstruction.
37. Check the hose and fittings for any damage or obstruction.
38. Work slowly and carefully, being careful not to snag the air hose to touch any components other than the one you are working on.
39. Clean up the work area, then dismantle the air drill and put the cleaned attachments away securely.

### 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.