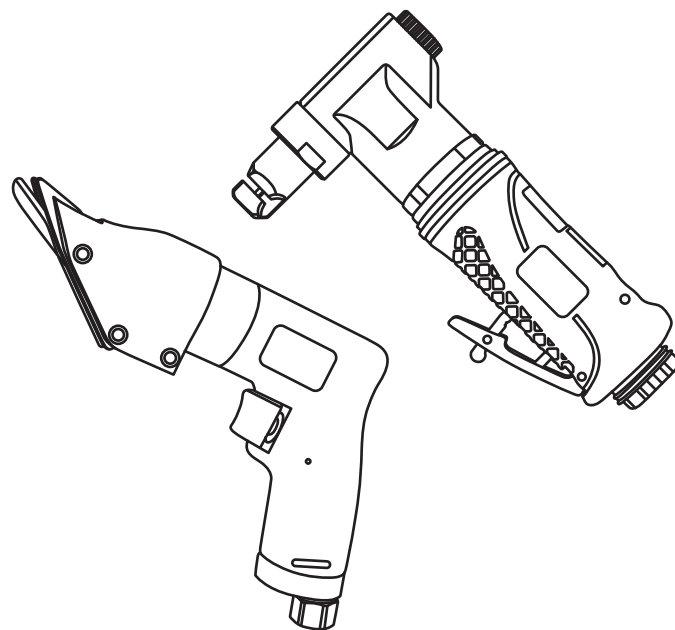


User's Manual



Air Nibbler, Shear



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AIR NIBBLER, SHEAR

 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 Nibbler, Shear)

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.

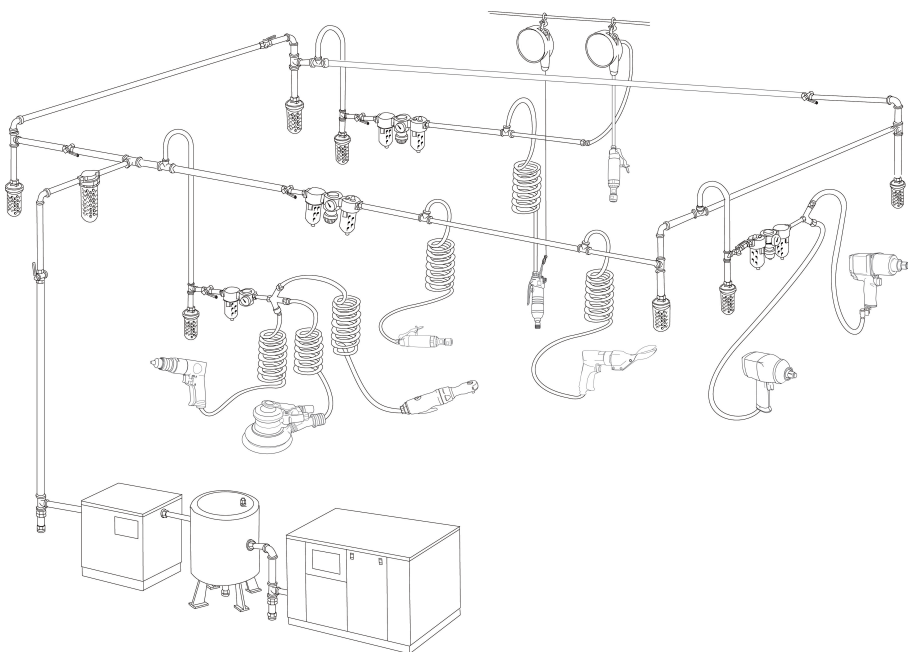
Part of the water could be compressed in the pipe and could permeate into the tool's mechanism to cause mechanical failures.

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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2. 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.



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.

7. Use care in attaching abrasive product and mounting hardware; following the instructions to ensure that they are securely attached to the tool before use.

8. Be aware that incorrectly installed hoses and fittings might unexpectedly come loose at any time and create a whipping/impact hazard.



9. The tool is intended to be operated as a hand held tool. It is always recommended that while using the tool, operators stand on a solid floor, in a secure position with a firm grip and footing.

10. Check hose and fittings regularly for wear.



11. 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.

12. Dust can be highly combustible. Keep working area clean.



13. Do not exceed maximum recommended air pressure. Use safety equipment as recommended.

14. 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.



15. 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.

16. Immediately release the start handle in the event of any disruption of pressure; do not attempt to re-start until the disruption has been corrected.



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B. Operational Method

- For multiple hazards, read and understand the safety instructions before installing, operating, repairing, maintaining, changing accessories on, or working near the nibbler or shear. Failure to do so can result in serious bodily injury.
- Only qualified and trained operators should install, adjust or use the nibbler or shear.
- Do not modify this nibbler or shear. Modifications can reduce the effectiveness of safety measures and increase the risks to the operator.
- Do not discard the safety instructions; give them to the operator.
- Do not use the nibbler or shear if it has been damaged.
- Tools shall be inspected periodically to verify that the ratings and markings required are legibly marked on the tool. The employer/user shall contact the manufacturer to obtain replacement marking labels when necessary.
- Disconnect the nibbler or shear from the energy source when changing inserted tool or accessories.
- Be aware that failure of the workpiece or accessories, or even of the inserted tool itself can generate high-velocity projectiles.
- Always wear impact-resistant eye protection during operation of the tool. The grade of protection required should be assessed for each use.
- Ensure that the workpiece is securely fixed.
- Ensure that metal cuttings are directed so as not to cause a hazard
- Avoid contact with the cutter whenever the nibbler or shear is connected to the power supply.
- Cutting with nibblers and shears creates sharp edges.
- Wear relevant protective equipment such as gloves.
- Operators and maintenance personnel shall be physically able to handle the bulk, weight and power of the tool.
- Hold the tool correctly; be ready to counteract normal or sudden movements and have both hands available.

C. Maintenance & Warning

- Maintain a balanced body position and secure footing.
- Use only lubricants recommended by the manufacturer.
- Release the start-and-stop device in the case of an interruption of the energy supply.
- Avoid direct contact with the inserted tool during and after use as it can become hot.
- Avoid unsuitable postures as it is likely for these positions not to allow counteracting of normal or unexpected movement of the tool.
- Unexpected tool movement or breakage of cutters can cause injuries.
- Warnings shall be given against the risk of explosion or fire due to the material being processed.
- When using a nibbler or shear to perform work-related activities, the operator can experience discomfort in the hands, arms, shoulders, neck or other parts of the body.
- The operator should adopt a comfortable posture whilst maintaining secure footing and avoiding awkward or off-balance postures. The operator should change posture during extended tasks; this can help avoid discomfort and fatigue.
- If the operator experiences symptoms such as persistent or recurring discomfort, pain, throbbing, aching, tingling, numbness, burning sensations or stiffness, these warning signs should not be ignored. The operator should tell the employer and consult a qualified health professional.
- Disconnect the nibbler or shear from the energy supply before fitting or changing the inserted tool or accessory.
- Use only sizes and types of accessories and consumables that are recommended by the manufacturer of nibblers or shears; do not use other types or sizes of accessories or consumables.

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- Cutters can become hot during use; do not touch.
- Slips, trips and falls are major causes of workplace injury. Be aware of slippery surfaces caused by use of the tool and also of trip hazards caused by the air line or hydraulic hose.
- The nibbler or shear is not intended for use in potentially explosive atmospheres and is not insulated against contact with electric power.
- Ensure that there are no electrical cables, gas pipes, etc., which can cause a hazard if damaged by use of the tool.
- Dust and fumes generated when using nibblers and shears can cause ill health (for example cancer, birth defects, asthma and/or dermatitis).
- Exposure to high noise levels can cause permanent, disabling hearing loss and other problems, such as tinnitus (ringing, buzzing, whistling or humming in the ears).
- Use hearing protection in accordance with employer's instructions and as required by occupational health and safety regulations.
- Exposure to vibration can cause disabling damage to the nerves and blood supply of the hands and arms.
- If you experience numbness, tingling, pain or whitening of the skin in your fingers or hands, stop using the nibbler or shear, tell your employer and consult a physician.
- Air under pressure can cause severe injury
- Always shut off air supply, drain hose of air pressure and disconnect tool from air supply when not in use, before changing accessories or when making repairs.
- Never direct air at yourself or anyone else.
- Whipping hoses can cause severe injury. Always check for damaged or loose hoses and fittings.
- Cold air shall be directed away from hands.
- Do not exceed the maximum air pressure stated on the tool.
- Never carry an air tool by the hose.

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.

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.