



## URD Series

### OPERATION INSTRUCTIONS

It is the responsibility of the employer to place the information on this instruction sheet into the hands of the operator.

#### **WARNING**

Always operate, inspect, and maintain this tool in accordance with the American National Standards Institute Safety Code for Portable Air Tools (ANSI B186.1) and any other applicable safety codes and regulations.

Always turn off and disconnect the air supply before installing, removing, or adjusting any accessory on this tool, or before performing any maintenance on the tool. Failure to do so could result in injury.

#### **IMPORTANT**

Make sure that these instructions are fully understood before operating this tool. The tool, its attachments, and accessories must only be used for their designed purpose. For product liability and safety reasons, any modifications of the tool and its accessories must be agreed upon by the technical authority of the manufacturer. All locally legislated safety rules, with regard to installation, operation, and maintenance shall be respected at all times.

#### **SAFETY RULES**

1. Inspect and lubricate throttle handle regularly to assure that it operates freely and shuts the tool off consistently when released.
2. Always operate the tool so that body and arm position will allow releasing the throttle in case the drill or reamer binds in the hole.
3. Do not use a wrench or other aid to operate the throttle.
4. Do not use the throttle handle to maintain body balance. Use personnel safety harness if the drill is used on elevated work.
5. Always use safety goggles to prevent eye injury.
6. Keep all bits, drills, and reamers properly sharpened to minimize possibility of seizing in the work.
7. Use 85 PSI (6kg/cm<sup>2</sup>) air supply at the tool and the recommended hose size to help prevent drill seizing.
8. Make sure that hose and fittings are securely fastened to prevent injury from a disconnected whipping hose.
9. Check for utility lines before drilling into partitions or through flooring.
10. Do not allow loose clothing like cuffs, shirt sleeves, and shirt tails that could get tangled in the drill bit or spindle.
11. Use intermittent drill pressure to prevent long, sharp chips.
12. This drill produces enough torque to cause serious injury. Have the tool secured or held so that if the bit binds in the hole, the torque will not cause injury and the throttle can be released.

#### **AIR SUPPLY**

**AIR PRESSURE:** 85 PSI (6 kgf/cm<sup>2</sup>) air pressure is recommended for the most efficient performance.

**CAUTION:** Never use higher air pressure to increase the output of the tool. Overloading will drastically shorten the life of all internal parts.

#### **LUBRICATION**

**FOR AIR MOTOR:** Supply light Turbine Oil properly through Air Inlet or line lubricator before and after every operations. For example, Mobil Turbine Oil #32, Shell Turbine Oil #32 and/or equivalent.

**FOR GEARS AND BEARINGS:** Supply recommended high-quality grease (e.g., Shell Alvania No. 2, Mobilplex 2 and or equivalents) once every three months and when the tool is overhauled. Over-greasing will cause dull motion or heating.

#### **MAINTENANCE**

**DRY AND CLEAN AIR:** Drain daily and install filter at or near the take off point to prevent trouble from foreign matter.

**AIR HOSE AND JOINTS:** Use air hose (the shorter, the better), joints, and other fittings of good condition and of proper size to avoid pressure drop.

**REGULAR OVERHAUL:** At least once every three months, a regular or periodical overhaul by a competent person is needed for best performance, trouble free operation, and maximum tool life.

**GENUINE PARTS:** The use of other than genuine AIMCO replacement parts may result in safety hazards, decreased tool performance, and increased maintenance, and may invalidate all warranties. Use only Uryu's genuine spare parts for replacement.

AIMCO is not responsible for customer modification of tools for applications on which AIMCO was not consulted. Repairs should be made only by an authorized AIMCO Service Center. Contact AIMCO at 1-800-852-1368 for the authorized Service Center in your area.