

Eastwood[®]

DO THE JOB RIGHT.

Part #30072

PNEUMATIC NIBBLER

INSTRUCTIONS



Your **Eastwood Pneumatic Metal Nibbler** is a heavy-duty, professional quality tool ruggedly designed for many years of reliable service. It features a high-performance, high-torque, ball bearing motor design with a hardened planetary gear reduction for quick and efficient operation and long life. Easily cuts up to 18 GA steel and aluminum.

WARNINGS

- Do not exceed 90 PSI of tool inlet air pressure. Permanent tool damage and or personal injury could occur.
- Do not force tool or exert side forces on tool as the body can suddenly kick back or twist causing severe hand or wrist injury. Nibbling blades can also break with excessive side force causing them to shatter and eject sharp pieces at high velocity.
- Wear approved eye gear at all times when operating the tool for protection from ejected metal chips or shards created from cutting.
- Keep fingers away from reciprocating blades. Serious injury can result. Two-handed operation is recommended.
- Keep loose clothing, jewelry and long hair away from moving components as serious personal injury can occur.
- Always disconnect Nibbler from air supply when changing blades to prevent accidental tool starting and potential injury.
- Always make sure the work piece being cut is securely clamped or anchored to allow two handed operation of the tool.
- Avoid running the Nibbler freely without a work load or internal tool damage can occur.

SPECIFICATIONS

- Maximum Material Thickness: 18 Ga (0.050" [1.2mm]).
- Strokes per minute: 3,600
- Air Consumption: 4.0 CFM @ 90 PSI
- Max. Operating air pressure: 90 PSI
- Inlet thread size: 1/4" FNPT.
- Motor Construction: 4 Vane Air Motor with Planetary Gear Set.

SET UP & CONNECTION

- Be sure that the air supply to the Nibbler is clean and dry. Moisture in the supply line will quickly damage the motor and valves.
- A minimum 3/8" I.D. air line should be used for optimal performance.
- Install a 1/4" NPT Air Fitting to the tool and connect to air line.

OPERATION

- Before each use add 4-5 drops of air tool oil to the air inlet of the tool and add some cutting lubricant to the nibbler die by removing the threaded cap on the top of the tool. Oiling is necessary every 1-2 hours of operation.
- Place the cutting die against the edge of the work piece and depress trigger to actuate cutting. Only moderate pressure is required for tool to cleanly cut through metal. Do not force. Always use two hands to control tool.
- Avoid running the Nibbler freely without a workload, permanent internal tool damage can occur.

CUTTING DIE / PUNCH REPLACEMENT

The cutting die and punch on an air nibbler is a wear item and will need to be replaced with use due to excessive wear or damage. The replacement die and punch are available from Eastwood (#30074).

To replace the die:

1. Disconnect from the air line.
2. Unscrew and remove the die by loosening the large locking nut.
3. Remove the plastic plug from the top of the tool and loosen the screw holding the punch and remove the punch.
4. Install the parts in the reverse order they were disassembled using the new parts included in the kit.

MAINTENANCE

- Add several drops of air tool oil before each use by dropping directly into the air inlet.
- If tool is to be unused for an extended period, add 10 drops of air tool oil directly into the air inlet then store the tool handle up.

TROUBLESHOOTING

- **Nibbler doesn't respond to trigger depression:**
 - Verify sufficient air supply to tool.
 - Check for moisture in air line and tool inlet.
- **Nibbler performance is slow or sluggish:**
 - Verify sufficient air supply to tool.
 - Check for moisture in air line and tool inlet.
 - Stop use immediately and check for bent cutting blades.
- **Nibbler emits excessive noise during use:**
 - Stop use immediately and add air tool oil directly into air inlet.
- **When the trigger is depressed, air flows through the tool but the die does not move:**
 - It is possible for the Cutting Die to be stuck in the end position and will not allow starting. Disconnect the air supply and use a small tool or punch to move the die. Once the die has been moved reconnect air supply and the tool should now respond to the trigger.
 - Excessive oil has been added to the tool. If too much oil is put on the punch and die, it will cause a hydro lock condition, to fix this condition you can use a blow gun to blow out some of the excess oil and trigger the tool on and off.

If you have any questions about the use of this product, please contact

The Eastwood Technical Assistance Service Department: 800.544.5118 >> email: techhelp@eastwood.com

PDF version of this manual is available online >> eastwood.com/30072manual

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