

ABAC G-475

ABAC G-475 Pneumatic Chisel Hammer User Manual

Model: G-475

1. INTRODUCTION

The ABAC G-475 Pneumatic Chisel Hammer is a versatile and powerful tool designed for various DIY and semi-professional applications, such as tile and plaster removal. This manual provides essential information for the safe and efficient operation, setup, and maintenance of your new tool.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- ABAC G-475 Pneumatic Chisel Hammer
- Quick Guide
- 5 x 175mm Chisels (flat, pointed, cutting, end cutting, and bolt removal types)
- Retaining Spring
- Mini Lubricator
- Plastic Bottle for Tool Oil (empty)
- Threaded Cap Fitting
- Durable Plastic Carrying Case



Figure 2.1: ABAC G-475 kit in its plastic case.

3. SAFETY INFORMATION

Always observe basic safety precautions when using pneumatic tools to reduce the risk of injury. Read and understand all instructions before operation.

- **Wear Eye Protection:** Always wear ANSI-approved safety goggles or a face shield.
- **Wear Hearing Protection:** Prolonged exposure to noise can cause hearing damage.
- **Wear Hand Protection:** Use appropriate gloves to protect hands from vibrations and debris.
- **Secure Workpiece:** Always clamp or secure the workpiece to prevent movement during operation.
- **Maintain Proper Air Pressure:** Do not exceed the maximum recommended air pressure (6.3 bar).
- **Disconnect Air Supply:** Always disconnect the air supply before changing accessories, performing maintenance, or when the tool is not in use.

- **Inspect Tool:** Before each use, inspect the tool for any damage or loose parts. Do not use a damaged tool.
- **Keep Work Area Clean:** Cluttered work areas increase the risk of accidents.
- **Avoid Accidental Starting:** Ensure the trigger is not engaged when connecting to the air supply.

4. SETUP

4.1 Connecting to Air Supply

1. Ensure your air compressor is off and depressurized.
2. Attach the threaded cap fitting to the air inlet of the chisel hammer.
3. Connect a suitable air hose (recommended diameter: 9mm) to the fitting.
4. Ensure all connections are secure to prevent air leaks.
5. Turn on your air compressor and adjust the pressure regulator to the recommended operating pressure (max 6.3 bar).

4.2 Installing Chisels

1. Disconnect the tool from the air supply.
2. Slide the retaining spring over the chisel shank.
3. Insert the 10mm hexagonal shank of the desired chisel into the tool's chuck. The hexagonal shaft prevents rotation during use.
4. Push the chisel firmly until it clicks into place and is held securely by the retaining spring.
5. Reconnect the air supply.



Figure 4.1: ABAC G-475 Chisel Hammer and accessories.

5. OPERATING INSTRUCTIONS

5.1 Basic Operation

1. Ensure the chisel is properly installed and the air supply is connected and at the correct pressure.
2. Hold the tool firmly with both hands, utilizing the rubberized grip for improved hold and reduced vibration.
3. Position the chisel tip against the material to be worked on.
4. Press the trigger to activate the hammer. The tool delivers 4500 impacts per minute for high impact power.
5. Apply steady, controlled pressure and guide the tool along the desired path.
6. Release the trigger to stop the operation.

5.2 Adjusting Power

The ABAC G-475 features an air regulation valve to adapt the impact power. Locate the valve (usually a knob or screw near the air inlet) and turn it to increase or decrease the airflow, thereby adjusting the tool's power output to suit the task.



Figure 5.1: Close-up of the ABAC G-475 Chisel Hammer.

6. MAINTENANCE

6.1 Lubrication

Regular lubrication is crucial for the longevity and performance of your pneumatic tool. Use pneumatic tool oil (not included, but an empty bottle is provided for convenience).

1. Disconnect the tool from the air supply.
2. Add a few drops of pneumatic tool oil into the air inlet before each use.
3. Reconnect the air supply and run the tool for a few seconds to distribute the oil.
4. The included mini lubricator can be installed in-line with your air hose for automatic lubrication.

6.2 Cleaning and Storage

- After each use, disconnect the air supply and clean the tool and chisels of any debris, dust, or residue.
- Store the tool and accessories in the provided plastic carrying case in a dry, clean environment, away from direct sunlight and extreme temperatures.
- Ensure chisels are clean and lightly oiled before storage to prevent rust.



Figure 6.1: ABAC G-475 components, including the oil bottle and mini oiler.

7. TROUBLESHOOTING

If you encounter issues with your ABAC G-475, refer to the table below for common problems and their solutions.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Tool not operating or low power	Insufficient air pressure Air leaks Lack of lubrication Clogged air filter	Check compressor pressure and regulator setting. Inspect hose and connections for leaks. Add pneumatic tool oil. Clean or replace air filter on compressor/line.
Excessive vibration or noise	Worn chisel or retaining spring Loose parts Lack of lubrication	Replace chisel or retaining spring. Check for and tighten any loose screws. Lubricate the tool.
Chisel not held securely	Damaged retaining spring Incorrect chisel shank size	Replace retaining spring. Ensure chisel has a 10mm hexagonal shank.
Air leaking from tool body	Worn O-rings or seals Loose housing screws	Contact ABAC service for seal replacement. Tighten housing screws.

8. TECHNICAL SPECIFICATIONS

Feature	Specification
Model	G-475
Shank Size	10mm Hexagonal
Impacts Per Minute (IPM)	4500 s/min
Stroke Length	69 mm
Maximum Pressure	6.3 bar
Air Consumption	2 - 3 l/s
Weight	1.3 kg
Noise Level	84.5 dB(A)
Recommended Hose Diameter	9 mm
Dimensions (L x W x H)	185 x 48 x 148 mm
Material	Rubber (grip)

9. WARRANTY AND SUPPORT

ABAC products are manufactured to high-quality standards and are backed by a manufacturer's warranty. For specific warranty details, claims, or technical support, please refer to the warranty card included with your product or visit the official ABAC website. Ensure you have your product model number (G-475) and purchase information ready when contacting support.

ABAC is a leading company in compressed air solutions, offering quality, reliability, and simplicity in professional tools.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Example: How do I reset this device or fix this error?

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