

Ingersoll Rand 135MAX

Ingersoll Rand 135MAX Air Hammer Instruction Manual

This manual provides instructions for the safe operation, maintenance, and troubleshooting of the Ingersoll Rand 135MAX Vibration Reduced Heavy Duty Quick Change Air Hammer.

1. INTRODUCTION

The Ingersoll Rand 135MAX HD Air Hammer is designed for heavy-duty applications, offering an optimized combination of power and speed. It features a feather-able trigger for precise control and a quick-change retainer for efficient chisel changes. This tool is engineered for durability and performance in demanding environments.

1.1 Safety Information

Always read and understand all safety warnings and instructions before operating this tool. Failure to follow warnings and instructions may result in serious injury. Keep this manual for future reference.

- Wear appropriate personal protective equipment (PPE), including eye protection, hearing protection, and gloves.
- Ensure the air supply is disconnected before changing accessories or performing maintenance.
- Do not operate the tool if it is damaged.
- Keep work area clean and well-lit.
- Maintain a firm grip on the tool during operation.
- Use only accessories designed for this tool.

2. PRODUCT OVERVIEW

The Ingersoll Rand 135MAX Air Hammer is a robust tool featuring advanced design for enhanced performance and user comfort.



Figure 1: Ingersoll Rand 135MAX Air Hammer. This image shows the main unit of the air hammer, highlighting its compact design and ergonomic grip.

2.1 Key Features

- **High Power Output:** Delivers significant impact force for efficient material removal.
- **Enhanced Productivity:** Equipped with a quick-change retainer for rapid chisel attachment changes.
- **Precise Control:** Features a feather-able trigger for accurate power modulation across various tasks.
- **User Comfort:** Designed with shock reduction and an anti-slip grip to minimize user fatigue during extended use.



QUICK-CHANGE RETAINER

Allows you to change chisel attachments quickly for increased productivity and efficiency



MAX CONTROL

Has a featherable trigger to give you the ultimate control over every job

Figure 2: Close-up of the air hammer showing the quick-change retainer mechanism and the feather-able trigger for enhanced control.

3. SETUP

Proper setup ensures safe and efficient operation of your air hammer.

3.1 Air Supply Connection

1. Ensure your air compressor is capable of providing the required air pressure and volume (refer to specifications).
2. Attach a suitable air fitting to the air inlet of the tool.
3. Connect the air hose from the compressor to the tool's air fitting.
4. Ensure all connections are secure and leak-free.

3.2 Chisel Installation

1. Disconnect the air supply from the tool.

2. Pull back the quick-change retainer collar.
3. Insert the desired chisel into the tool's chuck until it seats firmly.
4. Release the quick-change retainer collar to lock the chisel in place. Gently pull on the chisel to ensure it is securely fastened.

4. OPERATING INSTRUCTIONS

Follow these steps for safe and effective operation of the Ingersoll Rand 135MAX Air Hammer.

1. Ensure the work piece is securely clamped or supported.
2. Select the appropriate chisel for the task.
3. Connect the air supply and set the air pressure to the recommended level.
4. Position the chisel tip against the work surface at the desired angle.
5. Press the feather-able trigger to begin operation. Start with light pressure and gradually increase as needed for the task.
6. Maintain a firm grip on the tool and guide the chisel along the work path.
7. Release the trigger to stop operation.
8. Disconnect the air supply when finished or before changing chisels.



Figure 3: An operator demonstrating the use of the 135MAX Air Hammer for automotive work, showcasing its application in a professional setting.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your air hammer.

5.1 Lubrication

- Apply a few drops of air tool oil into the air inlet before each use.
- If the tool is used continuously, lubricate every 2-3 hours of operation.

5.2 Cleaning and Storage

- After each use, disconnect the air supply and clean the tool with a dry cloth.
- Remove any debris from the chuck and retainer mechanism.
- Store the tool in a clean, dry environment, away from moisture and extreme temperatures.

5.3 Inspection

- Periodically inspect the air hose and fittings for wear or damage. Replace as necessary.
- Check chisels for sharpness and damage. Replace dull or damaged chisels.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your air hammer.

Problem	Possible Cause	Solution
Tool does not operate or operates weakly.	<ul style="list-style-type: none">• Insufficient air pressure.• Air supply disconnected.• Lack of lubrication.• Obstructed air inlet.	<ul style="list-style-type: none">• Check compressor and air line pressure.• Ensure air hose is securely connected.• Add air tool oil to the air inlet.• Clean the air inlet filter.
Excessive vibration.	<ul style="list-style-type: none">• Worn chisel or accessory.• Loose components.	<ul style="list-style-type: none">• Replace chisel.• Inspect tool for loose parts and tighten if possible. If issue persists, contact service.
Air leaks.	<ul style="list-style-type: none">• Loose fittings.• Damaged O-rings or seals.	<ul style="list-style-type: none">• Tighten all air connections.• Inspect and replace damaged O-rings or seals.

7. SPECIFICATIONS

Technical specifications for the Ingersoll Rand 135MAX Air Hammer.

Feature	Value
Brand	Ingersoll Rand

Feature	Value
Model Number	135MAX
Power Source	Air-powered
Maximum Blows Per Minute (BPM)	2600 BPM
Amperage	8 Amps <i>(Note: Typically for electric tools, included as provided)</i>
Product Dimensions (L x W x H)	8.67"L x 2.22"W x 6.89"H
Material	Metal
Item Weight	4.4 pounds (2 Kilograms)
Stroke Length	3 inches
Shank Type	Round Shank
Special Feature	Variable Speed (Feather-able Trigger)
Included Components	(1) 135MAX Air Hammer (Bare Tool)
UPC	663023168012

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The Ingersoll Rand 135MAX Air Hammer is backed by a **2-Year Warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, service, or warranty inquiries, please visit the official Ingersoll Rand website or contact their customer service department. Refer to the product packaging or the official brand website for the most current contact information.

You can find more information and support at the [Ingersoll Rand Store on Amazon](#).