ENEACRO 107HC

ENEACRO Demolition Jack Hammer 1700W User Manual

Model: 107HC
Brand: ENEACRO

1. Introduction

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your ENEACRO Demolition Jack Hammer 1700W. Please read this manual thoroughly before using the tool to ensure proper handling and to prevent injury or damage.
The ENEACRO Demolition Jack Hammer is a heavy-duty tool designed for demanding tasks such as home renovations, wall and floor demolition, and road surface breaking. It features a robust 1700W motor delivering 65 joules of impact energy.

2. Safety Information

Always prioritize safety when operating power tools. Failure to follow safety instructions can result in serious injury or property damage.

- Wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection, gloves, and sturdy footwear.
- Ensure the work area is clear of bystanders, especially children and pets.
- Inspect the tool and power cord for any damage before each use. Do not operate if damaged.
- Keep hands and loose clothing away from moving parts.
- Do not operate the tool in wet conditions or in the presence of flammable liquids or gases.
- Always unplug the tool before changing accessories, performing maintenance, or when not in use.
- Maintain a firm grip on the tool and be aware of potential kickback.
- Use only accessories specifically designed for this demolition hammer.

3. Package Contents

Verify that all items are present in the package:

- ENEACRO Demolition Jack Hammer (1700W)
- Pointed Chisel
- Flat Chisel
- Spare Carbon Brushes (2 pcs)

- Tube of Lubricant
- Oil Bottle Wrench
- Hex Wrenches (2 pcs)
- Heavy-duty Blow-molded Case with Wheels

Image: The ENEACRO Demolition Jack Hammer, its rolling carry case, and all included accessories: pointed chisel, flat chisel, carbon brushes, lubricant, oil wrench, and hex wrenches.

4. Product Overview

Familiarize yourself with the main components of the demolition hammer:

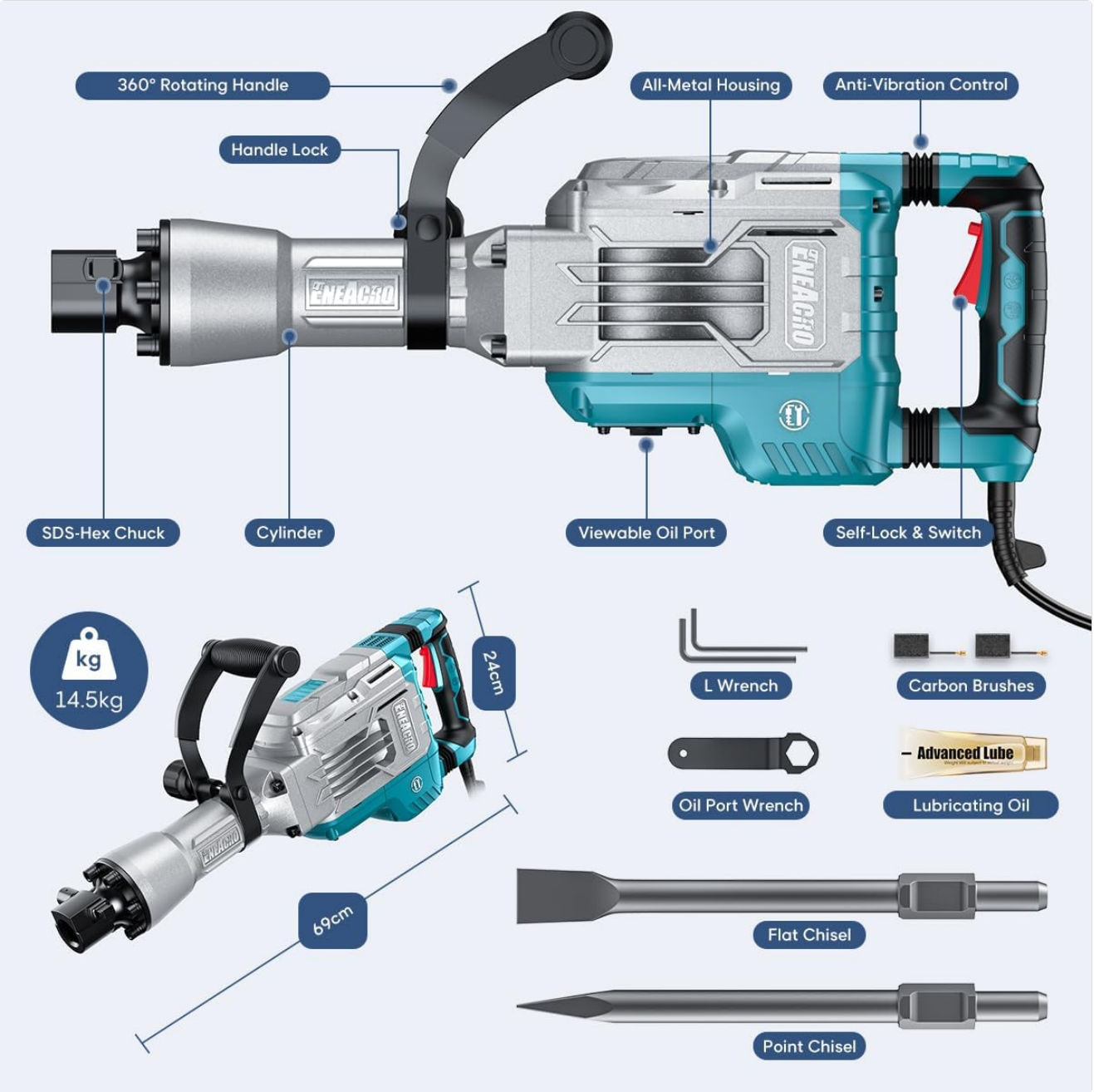

Image: Labeled diagram showing key components including the 360° rotating handle, handle lock, all-metal housing, anti-vibration control, SDS-Hex chuck, cylinder, viewable oil port, self-lock & switch, L wrench, carbon brushes, oil port wrench, advanced lube, lubricating oil, flat chisel, and point chisel. The overall dimensions and weight (14.5kg, 69cm length, 24cm height) are also indicated.

- **SDS-Hex Chuck:** For quick and secure bit changes.
- **360° Rotating Handle:** Provides flexibility for various working angles.
- **Self-Lock & Switch:** Allows continuous operation without holding the trigger.
- **Anti-Vibration Control:** Reduces user fatigue during extended use.
- **Viewable Oil Port:** For monitoring and adding lubricant.

5. Setup

5.1 Attaching the Handle

The 360° rotating handle can be adjusted to the most comfortable and effective position for your task. Loosen the handle lock, rotate the handle to the desired angle, and then securely tighten the lock.

Image: A close-up view of the demolition hammer's 360-degree adjustable handle, illustrating its rotational capability for optimal control and efficiency.

5.2 Installing/Changing Chisels

1. Ensure the tool is unplugged from the power source.
2. Clean the SDS-Hex chuck and the chisel shank.
3. Insert the chisel into the chuck, pushing and rotating it slightly until it locks into place. A slight pull on the chisel should confirm it is securely seated.
4. To remove, pull back the chuck collar and withdraw the chisel.

Image: A detailed view of the SDS-Hex chuck, highlighting the mechanism for tool-free bit changes and secure locking of chisels.

6. Operating Instructions

6.1 Starting and Stopping

- Connect the power cord to a suitable 120V power outlet.
- To start, press the trigger switch.
- For continuous operation, press the self-lock button while the trigger is engaged. Release the trigger, and the tool will continue to run.
- To stop, press the trigger switch again (if self-lock is engaged) or release the trigger.

Image: A close-up of the demolition hammer's handle, showing the red self-lock switch for continuous operation.

6.2 Demolition Techniques

Hold the tool firmly with both hands. Apply steady pressure and allow the hammer to do the work. Avoid forcing the tool, as this can reduce efficiency and increase wear.

Image: A worker using the demolition hammer for house demolition, breaking through a brick wall.

Image: A worker using the demolition hammer to break apart a large stone or rock formation.

Image: A worker using the demolition hammer to break up asphalt or concrete on a road surface.

Image: A worker using the demolition hammer to break down a rocky or mountainous terrain.

The advanced shock-absorbing system helps reduce vibration, minimizing hand fatigue and ensuring a more stable and comfortable grip during extended use.

Image: An internal diagram illustrating the anti-vibration system within the demolition hammer, designed to reduce user fatigue.

7. Maintenance

7.1 Lubrication

Regular lubrication is crucial for the longevity and performance of your demolition hammer. Check the viewable oil port periodically. Use the provided lubricant and oil bottle wrench to add oil as needed.

Image: A close-up view of the viewable oil port on the demolition hammer, indicating where to check and add lubricant.

7.2 Carbon Brush Replacement

The carbon brushes are wear items and will need replacement over time. The package includes spare carbon brushes. Refer to the diagram for the location of the carbon brush covers. Ensure the tool is unplugged before attempting replacement.

Image: A close-up view showing the carbon brush access points on the demolition hammer, along with spare carbon brushes.

7.3 Cleaning and Storage

After each use, clean the tool to remove dust and debris. Store the demolition hammer and its accessories in the provided heavy-duty blow-molded case with wheels. This case ensures organization and protection during transport and storage.

Image: A person pulling the heavy-duty blow-molded case with wheels, demonstrating its portability for the demolition hammer.

8. Troubleshooting

Problem	Possible Cause	Solution
Tool does not start	No power supply; damaged cord; faulty switch; worn carbon brushes.	Check power connection; inspect cord for damage; test switch; replace carbon brushes.
Reduced impact power	Insufficient lubrication; worn chisel; worn internal components.	Add lubricant; replace chisel; contact service for inspection.
Excessive vibration/noise	Loose parts; damaged internal components; worn chisel.	Check for loose parts; replace chisel; contact service for inspection.
Chisel not locking	Chuck mechanism dirty or damaged; incorrect chisel type.	Clean chuck; ensure correct SDS-Hex chisel is used; contact service if mechanism is damaged.

9. Specifications

Feature	Detail
Brand	ENEACRO
Model Number	107HC
Power Source	Corded Electric
Voltage	120 Volts
Amperage	14.5 Amps
Wattage	1700 Watts
Impact Energy	65 Joules (48 ft/lbs)
Chuck Type	SDS-Hex
Product Dimensions	14.17"L x 7.09"W x 28.55"H
Item Weight	30 Pounds
Material	Metal
Special Features	Adjustable Handle, Rolling Toolbox, Self-Lock Button, Vibration Control

10. Warranty and Support

For warranty information or technical support, please refer to the contact details provided with your purchase documentation or visit the official ENEACRO website. Keep your purchase receipt as proof of purchase. ENEACRO is committed to providing quality tools and customer satisfaction. For any inquiries or assistance, please reach out to our support team.