

## HIKOKI PR-38E

# HiKOKI Hammer Drill PR-38E Instruction Manual

Model: PR-38E | Brand: HiKOKI

## 1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your HiKOKI Hammer Drill Model PR-38E. Please read this manual thoroughly before using the tool and keep it for future reference.

The HiKOKI PR-38E is a powerful hammer drill designed for heavy-duty drilling tasks. It features a 1050W motor, automatic oil supply, and a safety slip clutch for enhanced user protection. It is capable of drilling up to 38mm with a drill bit and 105mm with a core bit.

## 2. SAFETY INFORMATION

**WARNING:** Always follow basic safety precautions to reduce the risk of fire, electric shock, and serious personal injury.

- Wear appropriate personal protective equipment (PPE) such as safety glasses, hearing protection, and gloves.
- Ensure the work area is clean and well-lit. Cluttered or dark areas invite accidents.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.
- Always disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.
- Use the correct power tool for your application. Do not force the tool.
- Secure the workpiece. Use clamps or a vise to hold the workpiece.
- Maintain tools with care. Keep cutting tools sharp and clean.
- Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the tool's operation.

## 3. PRODUCT OVERVIEW

Familiarize yourself with the components of your HiKOKI Hammer Drill PR-38E.



Figure 1: HiKOKI Hammer Drill PR-38E main unit. This image shows the overall design of the hammer drill, including the main body, handle, and chuck area.

### Standard Accessories:

- Side Handle: Provides additional grip and control during operation.
- Oil Feeder: For maintaining the automatic oil supply system.
- Carrying Case: For convenient storage and transport.
- Spanner: For chuck adjustments or other maintenance tasks.

## 4. SETUP

---

### 4.1 Attaching the Side Handle

Loosen the side handle clamp and slide the handle onto the drill's neck. Adjust its position for comfortable and secure grip, then tighten the clamp firmly.

### 4.2 Installing Drill Bits

1. Ensure the tool is unplugged from the power source.
2. Open the chuck jaws by rotating the chuck key counter-clockwise.
3. Insert the drill bit fully into the chuck.
4. Tighten the chuck jaws securely by rotating the chuck key clockwise. Ensure the bit is centered and firmly held.

### 4.3 Power Connection

Connect the 3-pin plug to a compatible 100V single-phase power outlet. Ensure the power source matches the tool's voltage requirements.

## 5. OPERATING INSTRUCTIONS

---

### 5.1 Starting and Stopping

- To start the drill, press the trigger switch.
- To stop the drill, release the trigger switch.
- For continuous operation, press the trigger and then press the lock-on button. To release, press the trigger again.

## 5.2 Drilling Operation

1. Mark the drilling location on the workpiece.
2. Hold the drill firmly with both hands, using the side handle for stability.
3. Position the drill bit on the marked spot.
4. Start the drill and apply steady, even pressure. Do not force the drill.
5. Maintain a straight drilling angle.
6. Once the desired depth is reached, release the trigger and wait for the drill bit to stop before withdrawing it from the hole.

## 5.3 Automatic Oil Supply

The PR-38E features an automatic oil supply system. Regularly check the oil level and refill using the provided oil feeder as needed. Refer to the maintenance section for details on oil type and refilling procedure.

## 5.4 Dust Collector Attachment (Optional)

This model is designed to be attachable with a dust collector. For cleaner operation and to reduce dust exposure, consider attaching a compatible dust collection system (sold separately) according to its specific instructions.

## 6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your tool.

- **Cleaning:** Keep the tool's ventilation openings clean and free from dust and debris. Use a soft brush or compressed air.
- **Automatic Oil Supply:** Check the oil level before each use. Refill with the recommended oil type (refer to specifications or product label) using the oil feeder. Do not overfill.
- **Chuck Maintenance:** Periodically clean the chuck jaws to ensure proper grip on drill bits. Apply a small amount of lubricant if the chuck becomes stiff.
- **Cord Inspection:** Regularly inspect the power cord for any signs of damage, cuts, or fraying. Replace damaged cords immediately.
- **Storage:** Store the tool in its carrying case in a dry, secure location, out of reach of children.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not start.	No power supply. Damaged power cord. Faulty switch.	Check power outlet and connections. Inspect and replace power cord if damaged. Contact service center.
Drill bit slips in chuck.	Chuck not tightened properly. Worn chuck jaws. Dirty chuck jaws.	Retighten chuck securely. Replace chuck. Clean chuck jaws.

Problem	Possible Cause	Solution
Excessive vibration.	Bent drill bit. Loose components.	Replace drill bit. Check for loose screws or parts and tighten.
Overheating.	Blocked ventilation. Overloading the tool.	Clean ventilation openings. Reduce pressure and allow tool to cool.

## 8. SPECIFICATIONS

Feature	Detail
Model Number	PR-38E
Brand	HiKOKI
Power Source	Corded (Single Phase 100V, 3-Pin Plug)
Max Power	1050 Watts
Current	11 Amperes
Max Rotation Speed	400 RPM (revolutions per minute)
No-load Impact Rate	3,000 IPM (impacts per minute)
Drilling Capacity (Drill Bit)	38 mm
Drilling Capacity (Core Bit)	105 mm
Cord Length	5 meters
Item Weight	7.5 kg
Included Components	Side Handle, Oil Feeder, Carrying Case, Spanner

## 9. WARRANTY AND SUPPORT

For warranty information, service, or technical support, please refer to the official HiKOKI website or contact your local authorized HiKOKI dealer. Keep your purchase receipt as proof of purchase for warranty claims.

Official HiKOKI Website: <https://www.hikoki-powertools.jp/>