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HIKOKI DH26PC2W1Z

HiKOKI SDS-Plus Drill and Chisel Hammer DH26PC2W1Z User Manual

Model: DH26PC2W1Z

1. INTRODUCTION AND OVERVIEW

Thank you for choosing the HiKOKI SDS-Plus Drill and Chisel Hammer DH26PC2W1Z. This powerful 830W tool is designed for demanding drilling and chiselling tasks in various materials including concrete, steel, and wood. It features a robust SDS-Plus tool holder, electronic control for continuous rotation and impact speed, and a safety slip coupling. This manual provides essential information for safe operation, setup, maintenance, and troubleshooting to ensure optimal performance and longevity of your tool.



Image 1: HiKOKI SDS-Plus Drill and Chisel Hammer DH26PC2W1Z

The DH26PC2W1Z offers three versatile modes: drilling, hammer drilling, and chiselling, making it suitable for a wide range of applications from precise drilling to heavy demolition work. Its ergonomic design with a soft-touch handle ensures comfortable and safe operation, even during extended use. The dust-proof construction, featuring labyrinth ventilation windows, minimizes the ingress of dust and dirt, contributing to the motor's lifespan and the tool's overall efficiency.

2. SAFETY INSTRUCTIONS

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury. Read all instructions before operating this tool.

- **Work Area Safety:** Keep your work area clean and well-lit. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Power tool plugs must match the outlet. Never modify the plug in any way. Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges, and refrigerators.
- **Personal Safety:** Always wear eye protection, hearing protection, and appropriate work gloves. Use a dust mask if operations create dust. Dress properly; do not wear loose clothing or jewelry.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.
- **Kickback and Related Warnings:** Always maintain a firm grip on the tool with both hands. Be aware of the potential for kickback, especially when drilling into hard materials or if the bit binds.
- **Vibration:** Prolonged use may cause vibration-related injuries. Take regular breaks and use anti-vibration accessories if available.

3. PRODUCT COMPONENTS AND FEATURES

3.1 Components

- Main Unit (Drill and Chisel Hammer)
- Side Handle
- Depth Stop
- HSC I (HIK-System Case I)

3.2 Key Features

- **Powerful 830W Motor:** Delivers robust performance for demanding tasks.
- **SDS-Plus Tool Holder:** Ensures quick and secure bit changes.
- **3-Mode Functionality:** Easily switch between Drilling, Hammer Drilling, and Chiselling modes.
- **Electronic Control:** Provides continuous rotation and impact speed control for precision.
- **Safety Slip Coupling:** Protects the user and tool in case of bit jamming.
- **Anti-Vibration Additional Handle:** Enhances user comfort and control.
- **Dust-Proof Construction:** Labyrinth ventilation windows minimize dust ingress, extending tool life.
- **Optimally Positioned Clockwise/Anti-Clockwise Switch:** For easy direction changes.



Image 2: Close-up of the mode selector and direction switch

4. SETUP

4.1 Attaching the Side Handle

1. Loosen the side handle by rotating it counter-clockwise.
2. Slide the handle onto the front barrel of the drill.
3. Adjust the handle to a comfortable and secure position for your grip.
4. Tighten the handle by rotating it clockwise until it is firmly secured.

4.2 Inserting the Depth Stop

1. Insert the depth stop rod into the hole on the side handle.
2. Adjust the depth stop to the desired drilling depth by sliding it in or out.
3. Secure the depth stop by tightening the locking mechanism on the side handle.

4.3 Installing SDS-Plus Drill Bits/Chisels

1. Clean the shank of the SDS-Plus bit/chisel.
2. Pull back the chuck collar on the tool.
3. Insert the bit/chisel into the chuck until it clicks into place.
4. Release the chuck collar.
5. Pull on the bit/chisel to ensure it is securely locked. There should be a slight axial play, which is normal for SDS-Plus systems.

5. OPERATING INSTRUCTIONS

5.1 Selecting Operating Mode

The mode selector switch is located on the side of the tool. Rotate the switch to select the desired operating mode:

- **Drilling Mode (Drill Bit Symbol):** For drilling into wood, metal, or plastic without hammer action.
- **Hammer Drilling Mode (Drill Bit + Hammer Symbol):** For drilling into concrete, masonry, and stone with hammer action.
- **Chiselling Mode (Chisel Symbol):** For light chiselling, chipping, or demolition work. The chisel can be rotated to the desired angle in this mode.

5.2 General Operation

1. Ensure the correct bit/chisel is installed and the side handle is securely fastened.
2. Connect the tool to a suitable power supply.
3. Select the appropriate operating mode.
4. Hold the tool firmly with both hands.
5. Position the bit/chisel on the workpiece.
6. Press the trigger switch to start the tool. The speed is variable depending on trigger pressure.
7. Apply steady, even pressure. Do not force the tool.
8. To stop the tool, release the trigger switch.

5.3 Drilling into Concrete/Masonry (Hammer Drilling Mode)



Image 3: Hammer drilling operation

- Select Hammer Drilling mode.
- Use appropriate SDS-Plus hammer drill bits.
- Apply moderate pressure. The hammer action will do most of the work.
- Clear dust from the hole periodically, especially for deep holes.

5.4 Chiselling Operations (Chiselling Mode)



Image 4: Chiselling operation

- Select Chiselling mode.
- Insert the desired chisel. In this mode, you can rotate the chisel to the desired working angle before locking it.
- Apply steady pressure and guide the chisel along the desired line.
- Do not use excessive force; let the tool's impact action perform the work.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your HiKOKI tool. Always disconnect the tool from the power supply before performing any maintenance.

- **Cleaning:** After each use, clean the tool's exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure ventilation openings are clear of dust and debris.
- **Chuck Maintenance:** Periodically clean the SDS-Plus chuck to remove dust and debris. Apply a small amount of grease to the SDS-Plus bit shanks before insertion to ensure smooth operation and reduce wear.
- **Carbon Brushes:** The carbon brushes are wear parts. If the motor performance decreases or excessive sparking occurs, have the carbon brushes checked and replaced by an authorized service center.
- **Cord Inspection:** Regularly inspect the power cord for any signs of damage, cuts, or fraying. If damaged, have it replaced by a qualified electrician.
- **Storage:** Store the tool in a dry, secure place, out of reach of children. Use the provided HSC I system case for protection during storage and transport.

7. TROUBLESHOOTING

This section addresses common issues you might encounter. If the problem persists, contact an authorized service center.

Problem	Possible Cause	Solution
Tool does not start	No power supply; Damaged power cord; Faulty switch	Check power connection; Inspect power cord for damage; Contact service center for switch replacement
Reduced power/impact	Worn carbon brushes; Overheating; Incorrect mode selection	Have carbon brushes checked/replaced; Allow tool to cool down; Ensure correct mode is selected
Bit not rotating/slipping	Bit not properly inserted; Damaged chuck; Safety slip coupling activated	Re-insert bit correctly; Contact service center for chuck repair; Reduce load on tool
Excessive vibration/noise	Worn internal components; Loose parts	Stop operation immediately; Contact service center for inspection

8. SPECIFICATIONS

Technical data for the HiKOKI SDS-Plus Drill and Chisel Hammer DH26PC2W1Z:

Specification	Value
Model Number	DH26PC2W1Z
Power Consumption	830 W
Impact Energy (EPTA 5.0)	2.9 J
No-load Speed	0-1100 min ⁻¹ (RPM)
Full-load Impact Rate	0-4300 min ⁻¹
Drilling Capacity (Concrete)	26 mm
Drilling Capacity (Steel)	13 mm
Drilling Capacity (Wood)	32 mm
Drilling Capacity (Crowns)	25-50 mm
Tool Holder	SDS-Plus
Dimensions (L x W x H)	349 x 78 x 194 mm
Weight	2.8 kg
Power Source	Corded Electric
Voltage	230 Volts
Colour	Green / Black
Material	Metal

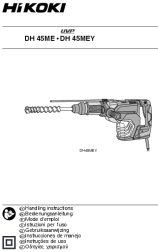

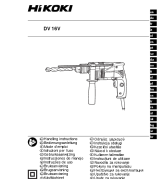
9. WARRANTY AND SUPPORT



Your HiKOKI SDS-Plus Drill and Chisel Hammer DH26PC2W1Z comes with a **2 Year Manufacturer Guarantee** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For warranty service, technical support, or to locate an authorized service center, please refer to the contact information provided on the HiKOKI official website or contact your local dealer.

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Related Documents - DH26PC2W1Z

<div data-bbox="126 616 284 866">  <p>HiKOKI DH 45ME • DH 45MEY</p> <p>取扱説明書 Handling Instructions Cordless Hammer Drill / Impact Drill DS 45ME / 45MEY</p> </div>	<div data-bbox="339 669 1447 819"> <p>HiKOKI DH 45ME / DH 45MEY Rotary Hammer User Manual and Safety Instructions</p> <p>Comprehensive guide for the HiKOKI DH 45ME and DH 45MEY Rotary Hammer, covering safety warnings, operating instructions, technical specifications, maintenance, and troubleshooting. Ensure safe and optimal use of your power tool.</p> </div>
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 <p>HiKOKI H 60MC</p> <p>Demolition Hammer Model H 60MC Power Source: AC Max. Impact Energy: 60 J Max. Impact Rate: 1800/min Max. Torque: 150 Nm Weight: 10.5 kg Length: 450 mm Width: 45 mm Height: 100 mm Accessories: 1x Bit, 1x Wrench, 1x Carrying Case Warranty: 3 Years</p>	<p>HiKOKI H 60MC Demolition Hammer User Manual and Safety Instructions</p> <p>Detailed user manual and safety instructions for the HiKOKI H 60MC Demolition Hammer, covering operation, maintenance, and safety precautions.</p>
 <p>HiKOKI DH 45ME - DH 45MEY</p> <p>Rotary Hammer Model DH 45ME - DH 45MEY Power Source: AC Max. Impact Energy: 45 J Max. Impact Rate: 1800/min Max. Torque: 150 Nm Weight: 4.5 kg Length: 250 mm Width: 45 mm Height: 100 mm Accessories: 1x Bit, 1x Wrench, 1x Carrying Case Warranty: 3 Years</p>	<p>HiKOKI DH 45ME / DH 45MEY Rotary Hammer User Manual</p> <p>Comprehensive user manual and safety instructions for the HiKOKI DH 45ME and DH 45MEY rotary hammers, detailing operation, maintenance, and safety precautions.</p>