

## Crivit PBH 1500 F6 (AD61245)

# Crivit Parkside PBH 1500 F6 SDS Rotary Hammer Drill 1500W User Manual

Model: PBH 1500 F6 (AD61245)

## 1. INTRODUCTION

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This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Crivit Parkside PBH 1500 F6 SDS Rotary Hammer Drill. This powerful tool is designed for demanding tasks such as drilling in concrete, stone, metal, and wood, as well as chiseling applications. Please read these instructions carefully before using the tool and keep them for future reference.

## 2. GENERAL SAFETY INSTRUCTIONS

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Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury. 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. Always wear appropriate personal protective equipment, including eye protection, hearing protection, and gloves. Ensure the tool is disconnected from the power source before making any adjustments, changing accessories, or storing the tool.

## 3. PRODUCT OVERVIEW

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The Crivit Parkside PBH 1500 F6 is a robust SDS rotary hammer drill featuring a powerful 1500W motor and a pneumatic hammer mechanism for high impact force. It is equipped with a central selector switch for various functions and a 360° rotatable auxiliary handle for enhanced control.

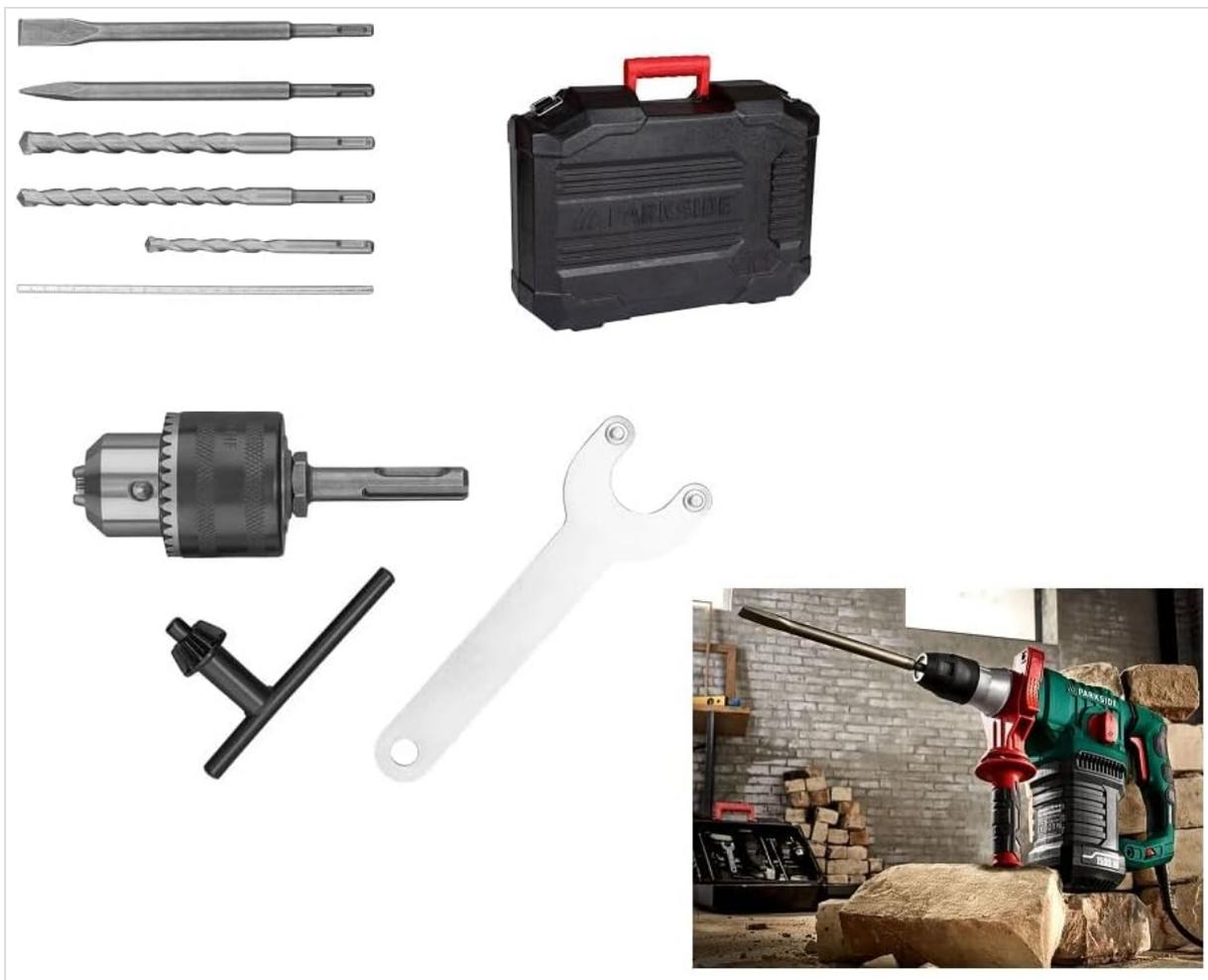


**Figure 1:** Crivit Parkside PBH 1500 F6 SDS Rotary Hammer Drill. This image shows the main rotary hammer drill unit, highlighting its ergonomic design and robust construction, ready for heavy-duty tasks.

### 3.1 Included Accessories

The tool comes with a comprehensive set of accessories to support various applications:

- 3 SDS drill bits (12 x 160 mm, 16 x 250 mm, 18 x 250 mm)
- 1 pointed chisel (14 x 250 mm)
- 1 flat chisel (14 x 25 x 21 mm)
- 1 metal depth stop
- 1 geared chuck for round shank drill bits with key
- 1 two-hole mounting key
- Storage case



**Figure 2:** Included accessories for the Crivit Parkside PBH 1500 F6. This image displays the various drill bits, chisels, chuck, key, depth stop, and the storage case that come with the rotary hammer drill.

## 4. SETUP

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### 4.1 Attaching the Auxiliary Handle

The auxiliary handle can be rotated 360° for optimal working position. Loosen the handle, adjust to the desired angle, and tighten securely.

### 4.2 Installing SDS Plus Drill Bits/Chisels

1. Ensure the tool is unplugged.
2. Clean the shank of the SDS Plus bit/chisel.
3. Insert the bit/chisel into the SDS Plus chuck until it clicks into place. Pull on the bit to ensure it is securely locked.
4. For chiseling, the chisel alignment can be continuously adjusted using the central selector switch.

### 4.3 Installing the Geared Chuck for Round Shank Bits

Use the included geared chuck for drilling with standard round shank drill bits (not suitable for hammer drilling or chiseling).

1. Ensure the tool is unplugged.
2. Insert the SDS Plus adapter of the geared chuck into the SDS Plus chuck of the hammer drill until it clicks.
3. Open the geared chuck jaws using the chuck key.

4. Insert the round shank drill bit and tighten the chuck jaws firmly with the chuck key.

## 4.4 Attaching the Depth Stop

Insert the metal depth stop into the designated hole on the auxiliary handle. Adjust it to the desired drilling depth and secure it.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Function Selector Switch

The central selector switch allows you to choose between different operating modes:

- **Drilling:** For drilling in wood, metal, and plastics without impact.
- **Hammer Drilling:** For drilling in concrete, masonry, and stone with impact.
- **Chiseling with Rotation Stop:** For chiseling and demolition work. The rotation is stopped, and only the hammer action is active.
- **Chisel Alignment Adjustment:** Allows continuous adjustment of the chisel's angle without engaging the hammer mechanism.

### 5.2 Speed Control

The tool features a speed adjustment wheel on the auxiliary handle to limit the rotational speed, providing better control for different materials and applications.

### 5.3 Starting and Stopping

To start the tool, press the ON/OFF switch. To stop, release the switch. For continuous operation, press the ON/OFF switch and then the lock-on button (if available). To release, press the ON/OFF switch again.

## 6. MAINTENANCE

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### 6.1 Cleaning

Keep the ventilation slots of the tool clean to prevent overheating. Regularly clean the tool housing with a soft, damp cloth. Do not use harsh cleaning agents or solvents. Clean the SDS chuck regularly to ensure smooth operation.

### 6.2 Carbon Brush Indicator

The tool is equipped with an indicator light to signal when the carbon brushes need replacement. When this light illuminates, contact qualified service personnel for brush replacement to ensure optimal performance and tool longevity.

### 6.3 Storage

Store the tool and its accessories in the provided case in a dry, secure place, out of reach of children. Ensure the tool is unplugged and cooled down before storage.

## 7. TROUBLESHOOTING

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Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Tool does not start	No power supply; ON/OFF switch faulty; Carbon brushes worn	Check power connection; Contact service; Replace carbon brushes (service)
Reduced impact force	Worn SDS chuck; Internal mechanism issue	Clean/lubricate SDS chuck; Contact service
Excessive vibration	Damaged bit/chisel; Internal component issue	Replace bit/chisel; Contact service
Carbon brush indicator light on	Carbon brushes are worn out	Have carbon brushes replaced by qualified service personnel

## 8. TECHNICAL SPECIFICATIONS

<b>Model Number</b>	PBH 1500 F6 (AD61245)
<b>Brand</b>	Crivit
<b>Rated Power</b>	1500 W (AC motor, aluminum winding)
<b>No-load Speed</b>	0-800 min <sup>-1</sup> (RPM)
<b>No-load Impact Rate</b>	0-3900 min <sup>-1</sup>
<b>Impact Energy</b>	5 J
<b>Max. Drilling Diameter (Concrete/Stone)</b>	32 mm
<b>Max. Drilling Diameter (Metal)</b>	13 mm
<b>Max. Drilling Diameter (Wood)</b>	40 mm
<b>Chuck Size (Max)</b>	10 mm (for geared chuck)
<b>Power Source</b>	Corded Electric
<b>Dimensions (L x W x H)</b>	16 x 8 x 25 cm
<b>Housing Material</b>	Polyamide, Glass Fiber (PA6 + GF30)
<b>Soft Grip Material</b>	Thermoplastic Elastomer (TPE)
<b>Case Material</b>	High-Density Polyethylene (HDPE)

## 9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or contact your retailer. For technical support, spare parts, or service inquiries, please contact Crivit customer service or an authorized service center. Always provide the model number (PBH 1500 F6 / AD61245) and serial number (if applicable) when contacting support.

**Manufacturer:** Crivit

