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**DEXTER 3276007131802**

# DEXTER 1500W SDS Plus Hammer Drill

Model: 3276007131802

## 1. INTRODUCTION

Thank you for choosing the DEXTER 1500W SDS Plus Hammer Drill. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your new tool. Please read this manual thoroughly before first use and keep it for future reference.



Figure 1: The DEXTER 1500W SDS Plus Hammer Drill, showcasing its robust design and ergonomic features.

## 2. SAFETY INSTRUCTIONS

Always follow basic safety precautions when using electrical tools to reduce the risk of fire, electric shock, and personal injury.

- **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.
- **Personal Safety:** Always wear eye protection, hearing protection, and suitable work gloves. 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.

### 3. PRODUCT OVERVIEW AND COMPONENTS

Familiarize yourself with the various parts of your DEXTER Hammer Drill and its included accessories.



Figure 2: The hammer drill along with its standard accessories, including the SDS Plus chuck, pointed chisel, flat chisel, side handle, key, and depth gauge.

#### Key Components:

- **SDS Plus Chuck:** For quick and secure bit changes.
- **Mode Selector Switch:** Allows selection between drilling, hammer drilling, chiseling, and chiseling with free accessory adjustment.
- **Variable Speed Trigger:** For precise control over drilling and chiseling speed.
- **Anti-Vibration Handles:** Designed to absorb shocks and reduce user fatigue.
- **Side Handle:** Provides additional grip and control during operation.
- **Depth Gauge:** For setting precise drilling depths.



Figure 3: Detailed view of the SDS Plus chuck, designed for quick and secure bit insertion.





Figure 4: Close-up of the mode selector switch, indicating the different operational modes of the hammer drill.



Figure 5: View of the anti-vibration handle, highlighting its design for improved user comfort and reduced fatigue.

## 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 of the tool until it is in the desired position.
3. Rotate the handle clockwise to tighten and secure it.

### 4.2 Inserting and Removing SDS Plus Bits

1. Clean the shank of the SDS Plus bit.
2. Insert the bit into the chuck until it clicks into place. Pull on the bit to ensure it is securely locked.
3. To remove, pull back the chuck collar and pull the bit out.

### 4.3 Attaching the Key Chuck (for standard drill bits)

For drilling with standard, non-SDS bits (e.g., for wood or metal), attach the included key chuck adapter to the SDS Plus

chuck.

1. Insert the key chuck adapter into the SDS Plus chuck as described in 4.2.
2. Insert the desired standard drill bit into the key chuck.
3. Tighten the key chuck using the provided chuck key to secure the bit.

#### 4.4 Setting the Depth Gauge

1. Insert the depth gauge into the hole on the side handle.
2. Adjust the gauge to the desired drilling depth.
3. Tighten the side handle to secure the depth gauge in place.

### 5. OPERATING

Your DEXTER Hammer Drill offers four primary functions for various applications.



Figure 6: Overview of the hammer drill's capabilities, including maximum drilling diameters and power specifications.

#### 5.1 Selecting Operating Mode

Rotate the mode selector switch to choose the appropriate function:

- **Drilling Mode (Drill Bit Symbol):** For drilling in wood (up to 40mm) and metal (up to 13mm). Use with the key chuck



and standard drill bits.

- **Hammer Drilling Mode (Drill Bit + Hammer Symbol):** For drilling in concrete or brick (up to 26mm). Use with SDS Plus drill bits.
- **Chiseling Mode (Hammer Symbol):** For chiseling applications, such as breaking concrete or removing tiles. The accessory is fixed in position.
- **Chiseling with Free Accessory Adjustment (Hammer + Rotating Arrow Symbol):** Allows the chisel to rotate freely, useful for adjusting the angle when removing tiles or similar tasks.

## 5.2 Variable Speed Control

The trigger features variable speed control. Press the trigger lightly for lower speeds and press harder for higher speeds. This allows for precise control depending on the material and application.

## 5.3 Continuous Operation

For extended use, the tool can be set to continuous operation. Press the trigger and then engage the lock-on button (if present, typically on the handle). To disengage, press the trigger again.



Figure 7: The hammer drill being used to chisel and break up a concrete floor, demonstrating its power in demolition tasks.





Figure 8: An operator using the hammer drill to efficiently remove floor tiles, utilizing the chiseling function.





Figure 9: The hammer drill in action, drilling into a brick wall, showcasing its capability for masonry work.

## 6. MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your tool.

- **Cleaning:** After each use, clean the tool with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Keep ventilation openings clear of dust and debris.
- **Chuck Maintenance:** Periodically clean and lightly lubricate the SDS Plus chuck to ensure smooth bit insertion and removal.
- **Carbon Brushes:** If the tool experiences reduced power or excessive sparking, the carbon brushes may need inspection or replacement. This should ideally be done by a qualified service technician.
- **Storage:** Store the tool in a dry, secure place out of reach of children.

## 7. TROUBLESHOOTING

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Below are common issues and their potential solutions.

Problem	Possible Cause	Solution
Tool does not start	No power supply; Faulty power cord/plug	Check power outlet and connections; Inspect power cord for damage.
Reduced power/performance	Worn carbon brushes; Overload; Incorrect mode selection	Have carbon brushes checked/replaced; Reduce load; Ensure correct mode is selected.
Bit not locking in chuck	Chuck dirty; Bit shank damaged	Clean chuck and bit shank; Use a new bit if damaged.
Excessive vibration	Damaged bit; Internal issue	Replace bit; If problem persists, seek professional service.

## 8. SPECIFICATIONS

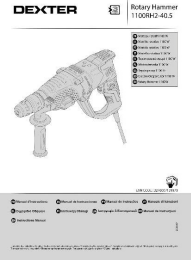


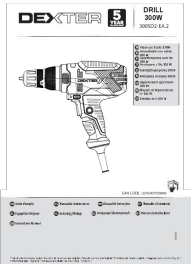
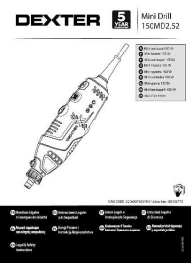

Feature	Specification
Model Number	3276007131802
Power Input	1500 W
Impact Energy	5.1 Joules
Max. Impact Rate	4500 bpm
No-Load Speed	0-850 rpm
Chuck Type	SDS Plus
Drilling Capacity (Wood)	40 mm
Drilling Capacity (Metal)	13 mm
Drilling Capacity (Concrete/Brick)	26 mm
Voltage	230 V
Product Dimensions	12 x 12 x 32 cm
Item Weight	8.2 kg
Cable Length	4 m

## 9. WARRANTY AND SUPPORT

DEXTER products are manufactured to high-quality standards. For warranty information, please refer to the warranty card included with your purchase or contact DEXTER customer support. Keep your proof of purchase for any warranty claims. For technical assistance, spare parts, or service, please contact your local DEXTER authorized service center or visit the official DEXTER website for contact details.



## Related Documents - 3276007131802

	<p><a href="#">Dexter Rotary Hammer 1100RH2-40.5 User Manual and Instructions</a></p> <p>Comprehensive user manual for the Dexter 1100RH2-40.5 Rotary Hammer, detailing assembly, operation, safety precautions, and component identification. Includes multilingual support information and warranty details.</p>
	<p><a href="#">DEXTER 20VID2-50A.11A Cordless Impact Drill User Manual &amp; Safety Instructions</a></p> <p>Download the official DEXTER 20VID2-50A.11A cordless impact drill user manual. Find detailed instructions, safety guidelines, technical specifications, and troubleshooting tips for your DEXTER power tool.</p>
	<p><a href="#">Dexter Impact Drill 900ID2.5: User Manual, Instructions &amp; Safety Guide</a></p> <p>Official user manual for the Dexter Impact Drill 900ID2.5. Find detailed instructions on assembly, operation, safety precautions, and maintenance. Includes product specifications and recycling information.</p>
	<p><a href="#">DEXTER 300W Electric Drill (300SD2-EA.2) User Manual and Instructions</a></p> <p>Comprehensive guide for the DEXTER 300W electric drill (model 300SD2-EA.2), covering assembly, usage, safety, and maintenance. Features 5-year guarantee.</p>
	<p><a href="#">Dexter Mini Drill 150W (150MD2.52) Safety Instructions</a></p> <p>This document provides essential safety instructions, operating guidelines, and maintenance information for the Dexter Mini Drill 150W, model 150MD2.52, ensuring safe and effective use.</p>
	<p><a href="#">Dexter Parts Kit Catalog: Trailer Brake and Hub Components</a></p> <p>Comprehensive catalog of Dexter trailer brake assemblies, hub components, and suspension parts. Find detailed part numbers and specifications for trailer maintenance and repair. Features products from Dexter Axle, a DexKo Global company.</p>

