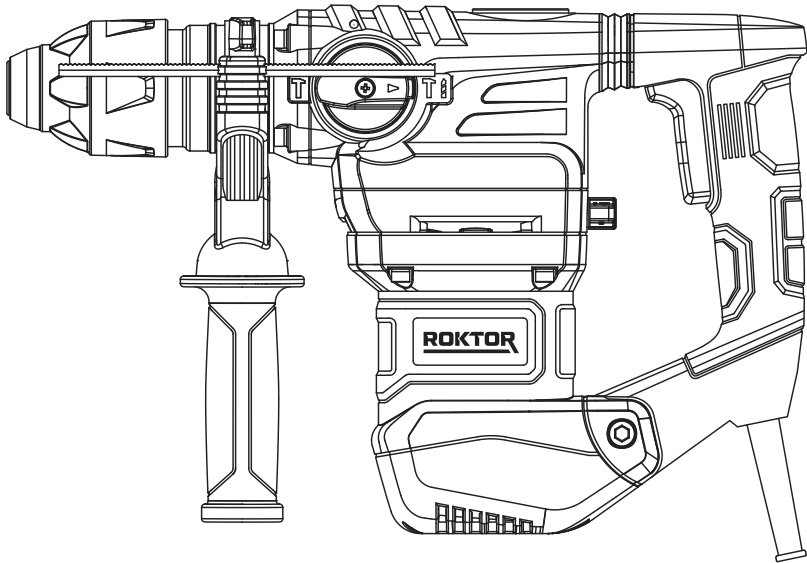




ORIGINAL USER INSTRUCTIONS

1500W SDS+ ROTARY HAMMER DRILL

SKU: AB743



READ BEFORE USE

PLEASE KEEP THESE INSTRUCTIONS FOR FURTHER REFERENCE

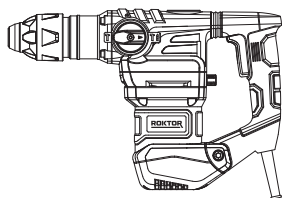
Helpline: +44 3331 880059

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WHAT'S IN THE BOX



Rotary hammer drill



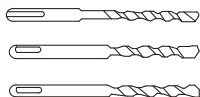
Auxiliary handle



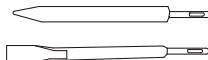
Metal depth gauge



Spanner



SDS drill bits (8/10/12X150mm)



SDS Chisel (flat & pointed
250mm)



Dust cover



User instruction manual

SPECIFICATIONS

- 230V~50Hz
- Aluminum gear box
- Three functions: Drill, Hammer drill, Chisel
- SDS-plus quick-change system

TECHNICAL DATA

SKU/Model		AB743 (PDH32GS1)
Rated Voltage		230V~50Hz
Rated Power Rate		1500W
No-load speed		850 /min
Plug		BS plug
Protection class		□ /II
Impact energy		6.0J
Chuck type		SDS-Plus
Impact rate		4200 bpm
Max. drilling capacity	Wood	40mm
	Masonry	32mm
	Steel	13mm
Net Weight approx.(kg)		5.4kg
A weighted sound pressure L_{pA} ($K_{pA}=3dB(A)$)		96,2dB(A)
A weighted sound power L_{wA} ($K_{wA}=3dB(A)$)		104,2dB(A)
Vibration level a_h ($K=1,5m/s^2$) Hammer drilling into concrete Chiseling		$a_{h,HD} = 17,540 \text{ m/s}^2$ $a_{h,CHeq} = 13,365 \text{ m/s}^2$

The declared vibration total value and the declared noise emission value have been measured in accordance with a standard test method and may be used for comparing one tool with another. The declared vibration total value and the declared noise emission value may also be used in a preliminary assessment of exposure.

⚠ WARNING: The vibration and noise emissions during actual use of the power tool can differ from the declared value depending on the ways in which the tool is used, especially what kind of workpiece is processed dependant on the following examples and other variations on how the tool is used:

- How the tool is used and the materials being cut or drilled.
- The tool being in good condition and well maintained.
- The use of the correct accessory for the tool and ensuring it is sharp and in good condition.
- The tightness of the grip on the handles and if any anti vibration and noise accessories are used.
- And the tool is being used as intended by its design and these instructions.

This tool may cause hand-arm vibration syndrome if its use is not adequately managed.

⚠ WARNING: To be accurate, an estimation of exposure level in the actual conditions of use should also take account of all parts of the operating cycle, such as the times when the tool is switched off and when it is running idle but not actually doing the job. This may significantly reduce the exposure level over the total working period, helping to minimise your vibration and noise exposure risk.

Always use sharp chisels, drills and blades.

Maintain this tool in accordance with these instructions and keep well lubricated (where appropriate).

If the tool is to be used regularly then invest in anti vibration and noise accessories.

Plan your work schedule to spread any high vibration tool use across a number of days.

EXPLANATIONS AND SYMBOLS, CAUTIONS AND WARNINGS



To reduce the risk of injury, user must read instruction manual



Class II device - Double Insulation



Risk of damage or injury if the instructions in this manual are not followed



Immediately disconnect the plug from the power outlet if it is damaged, and for all maintenance operations.



Wear eye protection



Wear ear protection



Wear dust mask



The product complies with the applicable European Directives and an evaluation method of conformity for these Directives was carried out.



UK Conformity Assessed

IMPORTANT SAFETY WARNINGS



CAUTION – To reduce risk of injury, user must read instruction manual

GENERAL SAFETY RULES FOR POWER TOOL



WARNING: Read all safety warnings, instructions, illustrations and specifications provided with this power tool. *Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.*

Save all warnings and instructions for future reference.

The term “power tool” in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

1) Work area safety

- a) **Keep work area clean and well lit.** *Cluttered or dark areas invite accidents.*
- b) **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** *Power tools create sparks which may ignite the dust or fumes.*
- c) **Keep children and bystanders away while operating a power tool.** *Distractions can cause you to lose control.*

2) Electrical safety

- a) **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adaptor plugs with earthed (grounded) power tools.** *Unmodified plugs and matching outlets will reduce risk of electric shock.*
- b) **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** *There is an increased risk of electric shock if your body is earthed or grounded.*
- c) **Do not expose power tools to rain or wet conditions.** *Water entering a power tool will increase the risk of electric shock.*
- d) **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** *Damaged or entangled cords increase the risk of electric shock.*
- e) **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** *Use of a cord suitable for outdoor use reduces the risk of electric shock.*
- f) **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** *Use of an RCD reduces the risk of electric shock.*

3) Personal safety

- a) **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** *A moment of inattention while operating power tools may result in serious personal injury.*
- b) **Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.**
- c) **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.**

- d) **Remove any adjusting key or wrench before turning the power tool on.** *A wrench or a key left attached to a rotating part of the power tool may result in personal injury.*
 - e) **Do not overreach. Keep proper footing and balance at all times.** *This enables better control of the power tool in unexpected situations.*
 - f) **Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts.** *Loose clothes, jewellery or long hair can be caught in moving parts.*
 - g) **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** *Use of dust collection can reduce dust-related hazards.*
 - h) **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** *A careless action can cause severe injury within a fraction of a second.*
- 4) Power tool use and care**
- a) **Do not force the power tool. Use the correct power tool for your application.** *The correct power tool will do the job better and safer at the rate for which it was designed.*
 - b) **Do not use the power tool if the switch does not turn it on and off.** *Any power tool that cannot be controlled with the switch is dangerous and must be repaired.*
 - c) **Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools.** *Such preventive safety measures reduce the risk of starting the power tool accidentally.*
 - d) **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** *Power tools are dangerous in the hands of untrained users.*
 - e) **Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** *Many accidents are caused by poorly maintained power tools.*
 - f) **Keep cutting tools sharp and clean.** *Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.*
 - g) **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** *Use of the power tool for operations different from those intended could result in a hazardous situation.*
 - h) **Keep handles and grasping surfaces dry, clean and free from oil and grease.** *Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.*
- 5) Service**
- a) **Have your power tool serviced by a qualified repair person using only identical replacement parts.** *This will ensure that the safety of the power tool is maintained.*

ROTARY HAMMER DRILL SAFETY WARNINGS

1) Safety instructions for all operations

- a) **Wear ear protectors.** *Exposure to noise can cause hearing loss.*
- b) **Use auxiliary handle(s), if supplied with the tool.** *Loss of control can cause personal injury.*
- c) **Hold power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring or its own cord.** *Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.*

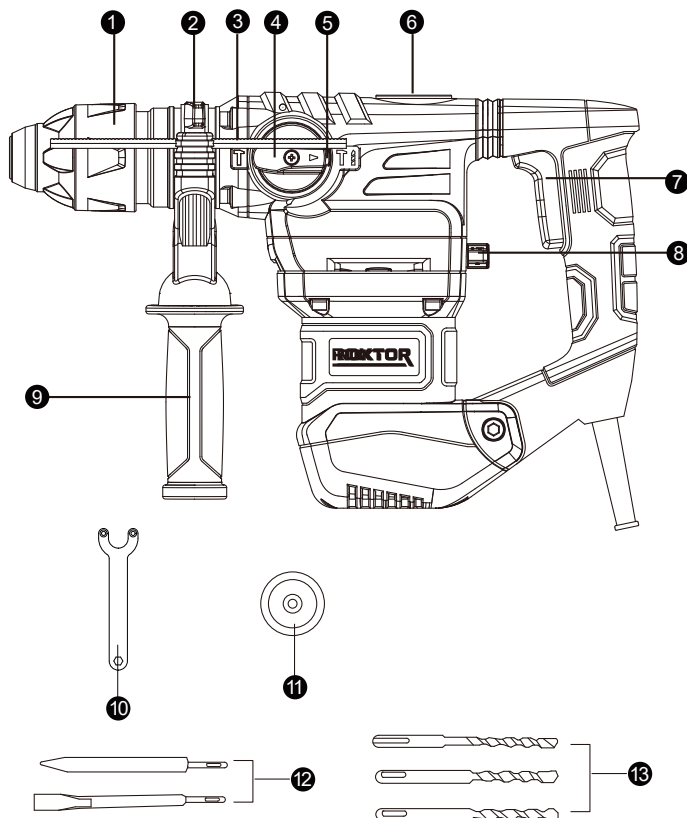
2) Safety instructions when using long drill bits with rotary hammers

- a) **Always start drilling at low speed and with the bit tip in contact with the workpiece.** *At higher speeds, the bit is likely to bend if allowed to rotate freely without contacting the workpiece, resulting in personal injury.*
- b) **Apply pressure only in direct line with the bit and do not apply excessive pressure.** *Bits can bend, causing breakage or loss of control, resulting in personal injury.*

ADDITIONAL SAFETY RULES FOR ROTARY HAMMER DRILL

- a) **Always wear a dust mask.**

PRODUCT DESCRIPTION AND IDENTIFICATIONS



1. Tool holder locking sleeve
2. Depth gauge lock screw
3. Depth gauge
4. Hammer or chisel action selector switch
5. Selector switch lock button
6. Grease box cover
7. On/Off switch
8. Hammer or drilling action selector switch
9. Auxiliary handle
10. Spanner
11. Dust cover
12. SDS flat chisel/SDS point chisel
13. SDS drill bits

ASSEMBLY AND OPERATING INSTRUCTIONS



NOTE: Before using the tool, read the instruction book carefully.

The tool is packaged with some parts that are unattached and require a little, simple assembly.



WARNING: Do not operate until fully assembled and with all parts correctly attached.

ASSEMBLY

1. FITTING THE AUXILIARY HANDLE (SEE FIG. 1)

For your personal safety we recommend using the auxiliary handle at all times.

Rotate the handgrip of the auxiliary handle clockwise to loosen the clamping ring. Slide the clamping ring of the auxiliary handle over the handle collar of the hammer, and rotate the handle around the collar until the handle is in a desired working position. Rotate the handgrip counter-clockwise to tighten the auxiliary handle in place.



WARNING: The auxiliary handle must be used during operation.

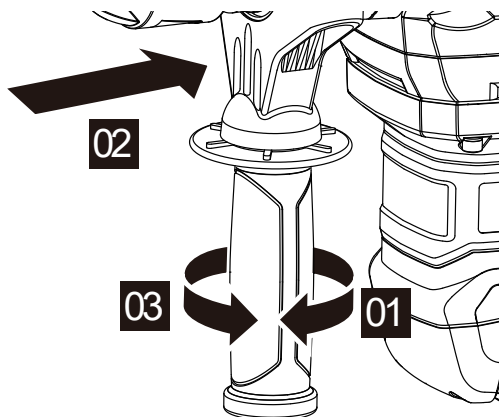


Figure 1

2. INSTALLING THE DEPTH GAUGE (SEE FIG. 2)

The depth gauge can be used to set a constant depth for drilling in.

Rotate the depth gauge lock screw on the top of the auxiliary handle counter-clockwise to loosen, insert the depth gauge into the hole of the handle. Adjust it to the desired depth. Rotate the locking screw clockwise to tighten.

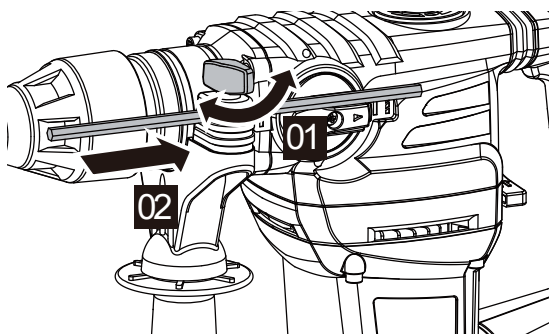


Figure 2

3. INSERTING AND REMOVING SDS DRILL BIT (SEE FIG. 3)

Take care that the dust protection cap is not damaged when changing tools.

- INSERTING

Clean and lightly oil the bit before inserting. Retract back the tool holder locking sleeve and insert the dust-free bit into the tool holder with a twisting motion until it latches. The bit locks itself. Check the locking by pulling on the tool.

- REMOVING

Retract back the tool holder locking sleeve and pull out the bit.

! WARNING: Your new rotary hammer drill generates powerful forces to get your job done quickly and effectively. These forces may cause inferior quality SDS bits to break and jam in the chuck. We therefore recommend that only high quality SDS bits be used with this tool.

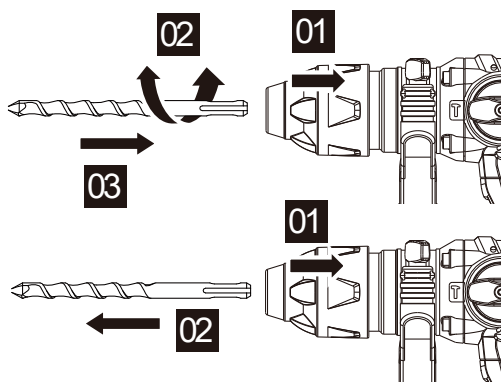


Figure 3

OPERATION

INTENDED USE

The machine is intended for hammer drilling in concrete, brick and stone, as well as for light chiseling work. It is also suitable for drilling without impact in wood, metal, ceramic and plastic.

1. ON/OFF SWITCH (SEE FIG. 4) - SWITCHING ON AND OFF

Depress the on/off switch to start the tool and release it to stop your tool.

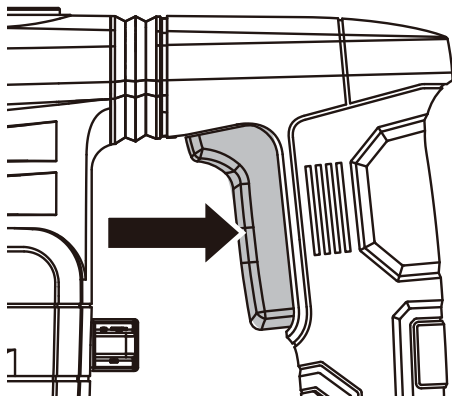


Figure 4

2. DUST COVER (SEE FIG. 5)

Before drilling, fit the dust cover over the drill bit.



WARNING: Always wear eye protection with this tool.

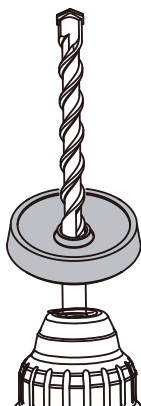


Figure 5

3. HAMMER DRILL FUNCTION (SEE FIG. 6)

- 1) Adjust the hammer or chisel action selector to position “”.
- 2) Adjust the hammer or drilling action selector to position “”.
- 3) You are now set up for hammer drilling into masonry.

NOTE: Press the selector switch lock button before adjusting the dial selector every time. Ensure that the press button rebounds to its original position after the function is set.

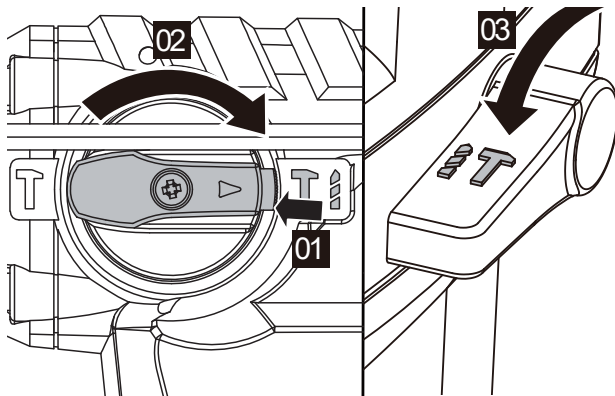


Figure 6

4. DRILLING FUNCTION (SEE FIG. 7)

- 1) Adjust the hammer or chisel action selector to position “”.
- 2) Adjust the hammer or drilling action selector to position “”.
- 3) You are now set up for drilling function.

NOTE: Press the selector switch lock button before adjusting the dial selector every time. Ensure that the press button rebounds to its original position after the function is set.

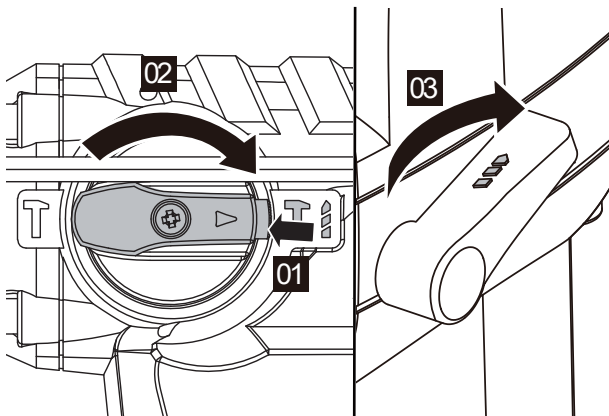


Figure 7

5. CHISEL FUNCTION (SEE FIG. 8)

- 1) Adjust the hammer or chisel action selector to position “T”.
- 2) Adjust the hammer or drilling action selector to position “T”.
- 3) You are now set up for chisel work using chisel action.

NOTE: Press the selector switch lock button before adjusting the dial selector every time. Ensure that the press button rebounds to its original position after the function is set.

 **WARNING:** You must make sure that the selector switch is positively locked in chisel mode position. If not, it could cause a hazard.

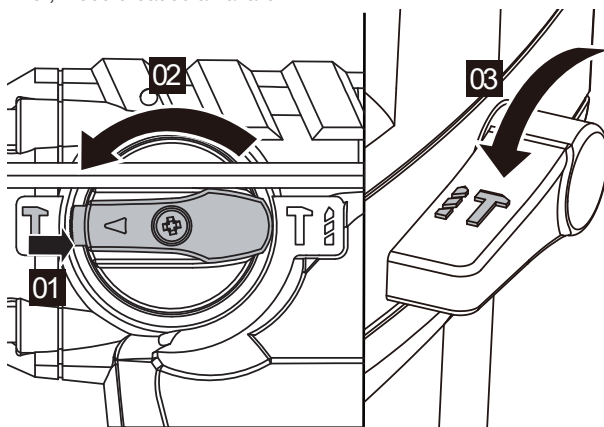


Figure 8

6. LUBRICATION OF THE POWER TOOL (SEE FIG. 9)

The gearbox is lubricated with grease. Refilling is required when the hammer efficiency is low.

Open the cover using the spanner and add general purpose lithium based grease (Approx. 20-30g).

 **WARNING:** Keep the container of grease away from children.

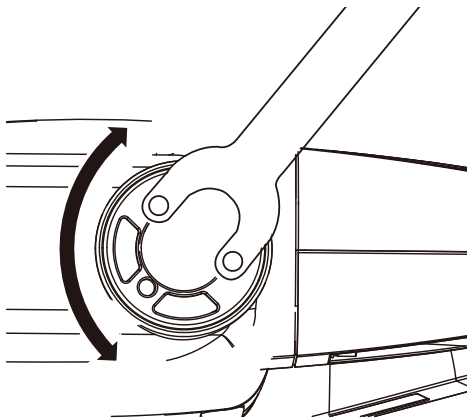


Figure 9

7. SAFETY CLUTCH PROTECTION

This tool will generate high forces when in use. Always hold the tool with both hands and adopt a secure posture.

If the drill bit or chisel becomes jammed in the workpiece, the clutch will activate stopping the tool spindle. This is normal.

Switch the machine off, loosen and remove the drill bit or chisel from the work piece.



WARNING: Switching the machine on with the drill bit or chisel jammed in the work piece will generate high reaction torque and can result in injury.

8. WORKING HINTS FOR YOUR TOOL

- 1) Reduce the pressure on the drill bit when it is about to break through. This will prevent the drill from jamming.
- 2) When drilling a large hole, first drill a pilot hole using a smaller drill bit.
- 3) Always apply pressure to your drill bit in a straight line, and if possible at right angles to the workpiece.
- 4) Never change the operating mode whilst the rotary hammer is running.
- 5) Do not apply excessive pressure to the tool when chiseling. Excessive force does not speed up the work.

CARE AND CLEANING

Remove the plug from the socket before carrying out any adjustment, servicing or maintenance.

Your power tool requires no additional lubrication or maintenance. There are no user serviceable parts in your power tool. Never use water or chemical cleaners to clean your power tool. Wipe clean with a dry cloth. Always store your power tool in a dry place. Keep the motor ventilation slots clean. Keep all working controls free of dust. Occasionally you may see sparks through the ventilation slots. This is normal and will not damage your power tool.

If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

- Disconnect the power and allow the tool rotation to stop.
- Use only a damp cloth to clean the enclosure.
- Do not use any chemical or abrasive cleaners.
- When the tool is not used for long periods of time, it should be protected from dust and stored in a clean dry place.
- Clean it with soft cloth. If the dust is uneasy to wipe away, rub it with soap water.
- **WARNING!** unplug the tool before cleaning.

TROUBLE SHOOTING

Use this section to help you to try and solve any problems you may have:

PROBLEM	POSSIBLE CAUSES	REMEDIES
The tool is not operating.	• The plug is not fully inserted into the wall outlet • Faulty power switch	• Make sure that the plug is fully inserted into the base AC wall outlet. • Contact Customer Service Centre.
Work efficiency is too low	• Dull or incorrect drill bit. • Loose bit in the chuck • Clogged air vents	• Use a sharp, high-quality SDS bit suitable for the material. • Ensure the bit is properly inserted and locked in place. • Clean the tool's vents to prevent overheating and reduced power.

NOTE: IF YOU EXPERIENCE A PROBLEM WITH YOUR POWER TOOL, PLEASE DO NOT ATTEMPT TO OPEN OR REPAIR THE POWER TOOL YOURSELF. DOING SO MAY VOID THE WARRANTY AND COULD CAUSE DAMAGE OR PERSONAL INJURY. IF THE PROBLEM STILL PERSISTS, PLEASE CONTACT US BY REFERRING TO THE SERVICE & SUPPORT INFORMATION ON THE FOLLOWING PAGE.

DECLARATION OF CONFORMITY / PERFORMANCE



Product Code: AB743 (PDH32GS1)

Product Description: 1500W SDS+ Rotary Hammer Drill

1. Toolstation (company number 04372131)

This declaration of conformity is issued under the sole responsibility of Toolstation

2. Object of the declaration

The object of the declaration described above is in conformity with the relevant Community harmonisation legislation:

- Supply of Machinery (Safety) Regulations 2008
- Electromagnetic Compatibility Regulations 2016
- The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations

3. References to the relevant standards used (or references to the specifications in relation to which conformity is declared):

- BS EN 62841-1
- BS EN IEC 62841-2-6
- BS EN IEC 55014-1
- BS EN IEC 55014-2
- BS EN IEC 61000-3-2
- BS EN 61000-3-3
- BS EN IEC 63000

4. Additional information:

Signed for and on behalf of Toolstation Limited

ENVIRONMENTAL INFORMATION



The symbol on the product or its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste for recycling, please contact your local authority, or where you purchased your product.

WARRANTY

Toolstation products deliver reliable service for normal, household use in domestic settings. All Toolstation products are individually tested before leaving the factory.

Your product is under warranty for 2 years from the date of purchase or the date of delivery of the product, if later.

The warranty is subject to the following provisions:

- The warranty does not cover accidental damage, misuse, parts, knobs, or consumable items.
- The product must be correctly installed and operated in accordance with the instructions contained in this manual.
- The warranty will be rendered invalid if the product is re-sold or has been damaged by inexperienced repair.
- Specifications are subject to change without notice.
- The manufacturer disclaims any liability for incidental or consequential damages.
- The warranty is in addition to, and does not diminish your statutory or legal rights.

CUSTOMER SUPPORT

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