



User Manual

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4 FUNCTION ROTARY HAMMER DRILL DH1300PLUS

AUS



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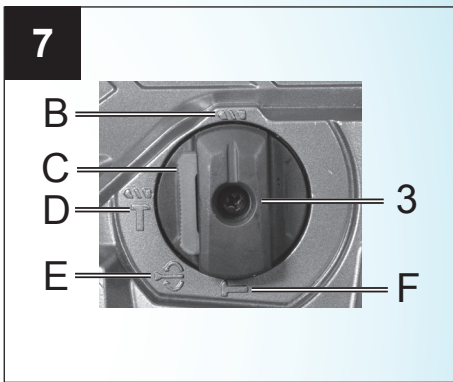
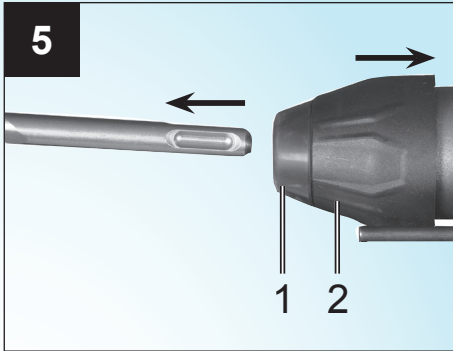
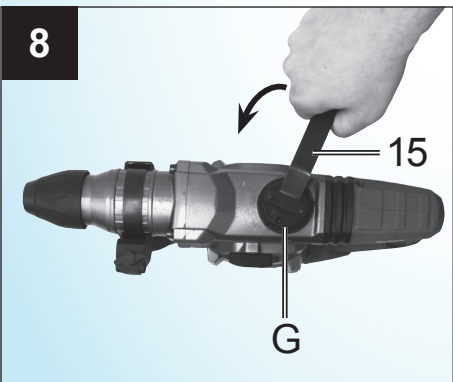
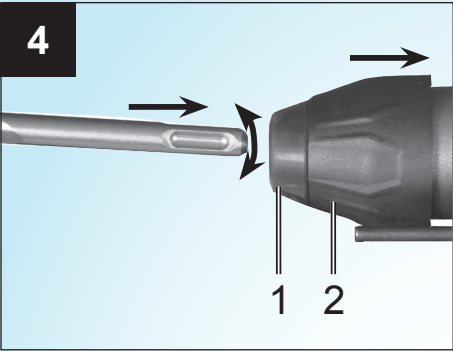
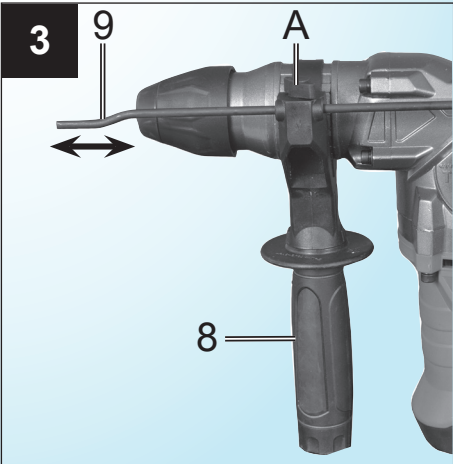
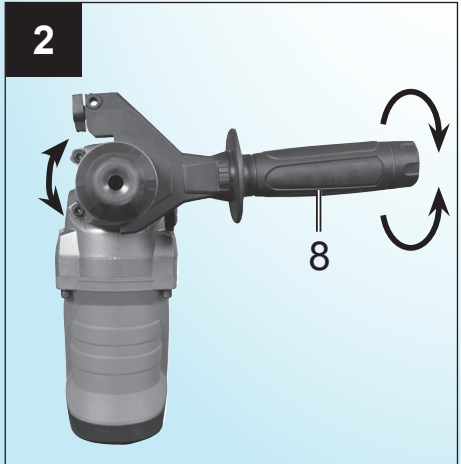
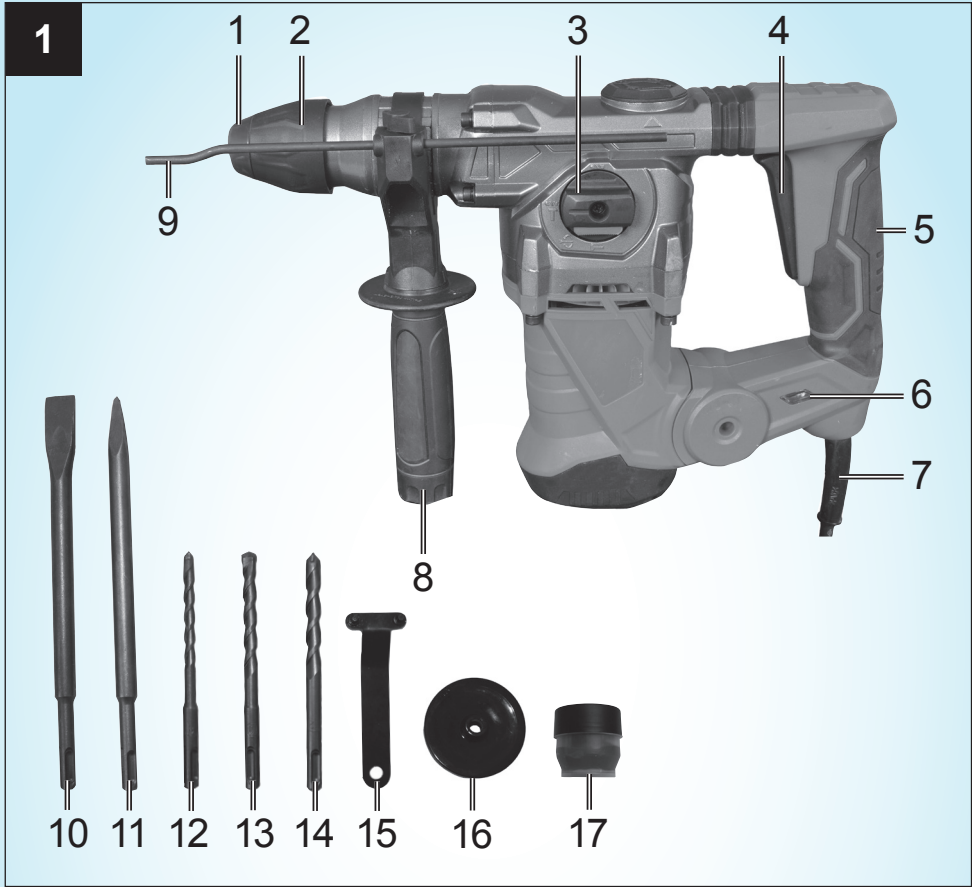
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YEAR WARRANTY

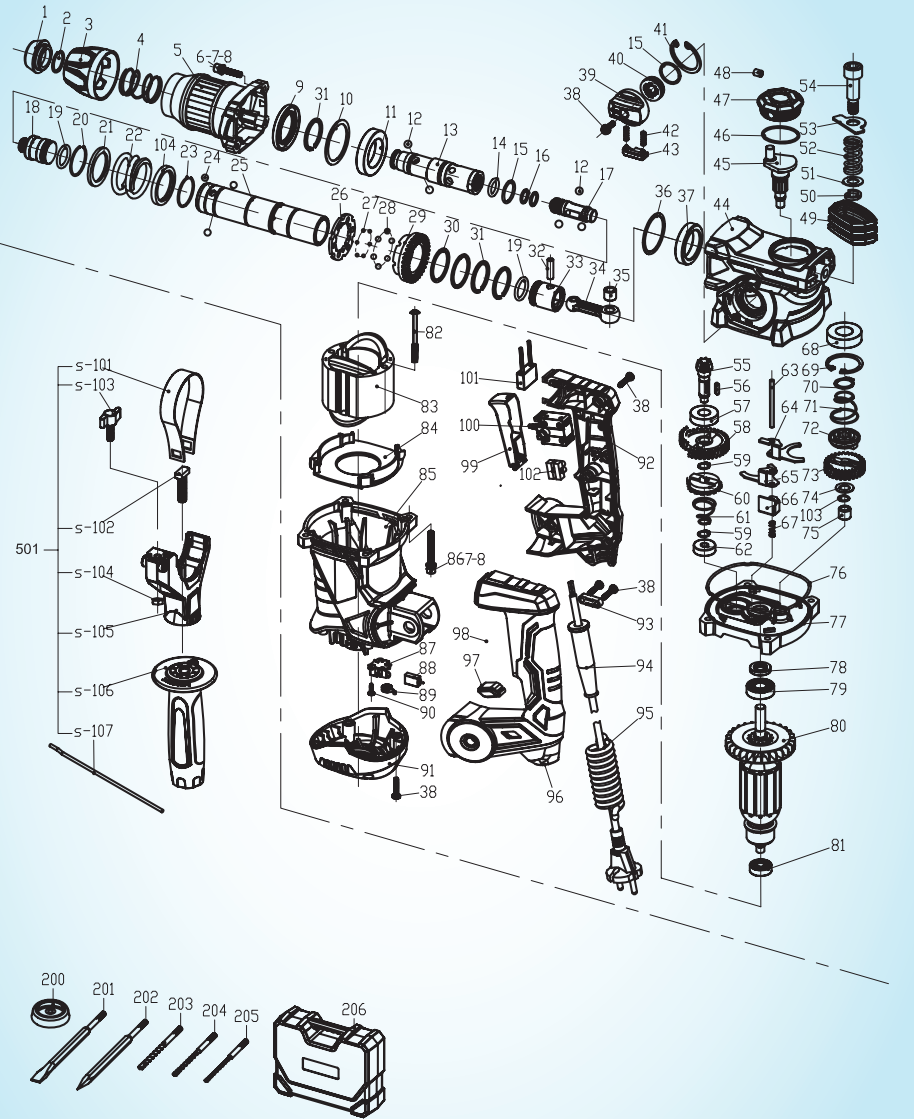
Vers.No. 161109
Original instructions





Contents of Box

- 1 1x 4 Function Rotary Hammer Drill
- 2 1x Additional handle (already mounted)
- 3 1x Flat chisel
- 4 1x Pointed chisel
- 5 3x Drill 8 mm / 10 mm / 12 mm
- 6 1x Depth stop
- 7 1x Dust cover
- 8 1x Spanner
- 9 1x Grease cup
- 10 1x Storage case
- 11 1x Instruction Manual
- 12 1x Warranty card



Explanation of symbols



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



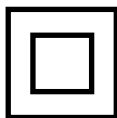
Wear ear-muffs. The impact of noise can cause damage to hearing.



Wear a breathing mask. Dust which is injurious to health can be generated when working on wood and other materials. Never use the device to work on any materials containing asbestos!



Wear safety goggles. Sparks generated during working or splinters, chips and dust emitted by the device can cause loss of sight.



Symbol Category II: This device is equipped with dual insulation and does not need to be connected to an earthed power socket.

Attention!

These operating instructions provide places concerning your safety which are marked with this indication.

Warning!

Failure to follow these instructions may cause danger to life or danger of serious injuries.

I. Introduction

Congratulations on choosing to buy a WORKZONE TITANIUM® product.

All products brought to you by WORKZONE TITANIUM® are manufactured to the highest standards of performance and safety, and as part of our philosophy of customer service and satisfaction, are backed by our comprehensive 5 Year Warranty. We hope you will enjoy using your purchase for many years to come.

Note:

According to the applicable product liability law the manufacturer of this device is not liable for any damages which arise on or in connection with this device in case of:

- improper handling,
- non-compliance with the instructions for use,
- repairs by third party, non-authorised skilled workers,
- installation and replacement of non-original spare parts,
- improper use.

Recommendations:

Read the entire text of the operating instructions prior to the assembly and operation of the device.

These operating instructions are intended to make it easier for you to get familiar with your device and utilise its intended possibilities of use.

The operating instructions contain important notes on how to work safely, properly and economically with your machine and how to avoid dangers, save repair costs, reduce downtime, and increase the reliability and working life of the machine.

In addition to the safety regulations contained herein, you must in any case comply with the applicable regulations of your country with respect to the operation of the machine.

Put the operating instructions in a clear plastic folder to protect them from dirt and humidity, and store them near the machine. The instructions must be read and understood by each operator prior to starting the work. Only persons who have been trained in the use of the machine and have been informed on the related dangers and risks are allowed to use the machine. The required minimum age must be met.

In addition to the safety notes contained in the present operating instructions and the special regulations of your country, the generally recognised technical rules for the operation of machines must be observed.

II. Layout (Fig. 1)

- 1 Dust guard
- 2 Locking sleeve
- 3 Selector switch for hammer drilling/chiseling
- 4 ON/OFF switch
- 5 Handle
- 6 Status indicator
- 7 Power cable
- 8 Additional handle
- 9 Depth stop
- 10 Flat chisel
- 11 Pointed chisel
- 12 Drill 8 mm
- 13 Drill 10 mm
- 14 Drill 12 mm
- 15 Spanner
- 16 Dust cover
- 17 Grease cup

III. Unpacking

- Open the packaging and remove the device carefully.
- Remove the packaging material as well as the packaging and any transport bracing.
- Check that all listed parts are complete.
- Check the device and accessory parts for transport damage.
- If possible, store the packaging until the warranty period has expired.

⚠ Attention!

The device and packaging materials are not toys!

**Children must not be allowed to play with plastic bags, film and small parts!
There is a risk of swallowing and suffocation!**

IV. Intended use

The tool is designed for drilling with hammer action in concrete, rock and brick, as well as for chiseling work, always using the respective correct drill or chisel bit. This tool is designed for domestic use and is not intended for commercial, industrial or trade use.

The machine is to be used only for its prescribed purpose.

Any other use is deemed to be a case of misuse.

The user/operator and not the manufacturer will be held liable for damage and/or injuries of any kind that result from such misuse.

To use the machine properly you must also observe the safety regulations, the assembly instructions and the operating instructions to be found in this manual. All persons who use and service the machine have to be acquainted with this manual and must be informed about the machine's potential hazards.

It is also imperative to observe the accident prevention regulations in force in your area.

The same applies for the general rules of occupational health and safety.

The manufacturer shall not be liable for any changes made to the machine nor for any damage resulting from such changes.

V. Safety regulations

General Power Safety Warnings

⚠ Warning! Read all safety warnings and all instructions. Failure to follow the warnings and instructions 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.

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.

Electrical safety

- a) **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter 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 or use 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 safety switch.** Use of an RCD reduces the risk of electric shock.

It's recommended that the tool always be supplied via a residual current device with a rated residual current of 30 mA or less.

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 energizing 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.

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- 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 jewelry. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewelry 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.

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 the battery pack 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. 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.

Service

- a) **Have your power tool serviced by a qualified repair agent using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.

Safety notes for hammer drills

- a) **Wear hearing protection.** Exposure to noise can cause hearing loss.
- b) **Use the additional handle when using the equipment.** Losing control can lead to injury.
- c) **Hold the equipment by the insulated handles when performing work on applications where a potential danger of the tool striking hidden electrical lines or its own power cable.** Contact with a live wire could cause metal parts of the device to become live and lead to electric shock.
- d) **Wear a dust mask.**
⚠ **Warning! TOXIC DUST!** Working on materials which can produce harmful / toxic dusts presents a health risk to the user and people within close vicinity.
- e) ⚠ **Warning!** Verify you will not strike electric-, gas- or water lines whilst using the power tool. If necessary, first use a cable detector before drilling into or cutting open a wall.

Vibration and noise reduction

To reduce the impact of noise and vibration emission, limit the time of operation, use low-vibration and low-noise operating modes as well as wear personal protective equipment.

Take the following points into account to minimise the vibration and noise exposure risks:

1. Only use the product as intended by its design and these instructions.
2. Ensure that the product is in good condition and well maintained.
3. Use correct attachments for the product and ensure they in good condition.
4. Keep a firm grip on the handles/gripping surface, but do not hold the product too tight to ensure blood circulation.
5. Maintain this product in accordance with these instructions and keep it well lubricated (where appropriate).
6. Plan your work schedule to spread any high vibration tool use across a longer period of time.

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Emergency

Familiarise yourself with the use of this equipment by means of this instruction manual. Memorise the safety directions and follow them to the letter. This will help to prevent risks and hazards.

- 1. Always be alert when using this equipment, so that you can recognize and handle risks early.** Fast intervention can prevent serious injury and damage to property.
- 2. Turn the equipment off and disconnect it from the power supply if there are malfunctions.** Have the product checked by a qualified professional and repaired, if necessary, before you operate it again.

Residual risks

Even if you are operating this equipment in accordance with all the safety requirements, potential risks of injury and damage remain. The following dangers can arise in connection with the structure and design of this product:

1. Lung damage if no suitable protective dust mask is used.
2. Damage to hearing if no suitable ear protection is used.
3. Health damage caused by hand-arm vibrations if the equipment is used over a prolonged period or is not properly guided and maintained.

⚠ Warning! This equipment produces an electromagnetic field during operation! This field may under some circumstances interfere with active or passive medical implants! To reduce the risk of serious or fatal injury, we recommend persons with medical implants to consult their doctor and the medical implant manufacturer before operating this product!

VI. Before starting the equipment

Before you connect the equipment to the mains supply make sure that the data on the rating plate are identical to the mains data.

⚠ Warning! Always pull the power plug before making adjustments to the equipment.

Check the drilling point for concealed electrical cables, gas and water pipes using a cable/pipe detector.

Additional handle (Fig. 2 – Item 8)

For safety reasons you must only use the hammer drill with the additional handle.

The additional handle (8) enables you to achieve better stability whilst using the hammer drill. The machine must not be used without the additional handle (8) for safety reasons. The additional handle (8) is secured to the hammer drill by a clamp. Turning the handle anticlockwise (looking from the handle) will release the clamp. Turning the handle clockwise will tighten the clamp. First release the additional handle clamp. You can then swing the additional handle (8) into the most comfortable working position for you. Now turn the additional handle in the opposite direction again until the additional handle is secure.

Depth stop (Fig. 3 – Item 9)

The depth stop (9) is held in place with the locking screw (A) on the additional handle (8) by means of a clamp.

- Undo the locking screw (A) and fit the depth stop (9).
- Set the depth stop (9) to the same level as the drill bit.
- Pull the depth stop (9) back by the required drilling depth.
- Retighten the locking screw (A).
- Now drill the hole until the depth stop (9) touches the workpiece.

Drill/Chisel bit insertion (Fig. 4)

- Clean the equipment before insertion and apply a thin coating of grease to the shaft of the drill/chisel bit.
- Pull back and hold the locking sleeve (2).
- Insert the drill/chisel bit into the equipment mounting as far as it will go whilst turning it. The equipment will lock itself.
- Check that it is properly secure by pulling the drill/chisel bit.

Equipment removal (Fig. 5)

Pull back and hold the locking sleeve (2) and remove the drill/chisel bit.

Dust cover (Fig. 6)

Slide the dust cover (16) over the drill bit before carrying out any hammer drilling vertically above your head.

VII. Operation

Warning!

To prevent all danger, the machine must only be held using the two handles (5/8). Otherwise there may be a risk of suffering an electric shock if you drill into cables.

Status indicator (Fig.1)

The status indicator (6) lights up when the power plug is connected.

Switching On and Off (Fig.1)

To switch on: Press and hold the ON/OFF switch (4).

To switch off : Let go of the ON/OFF switch (4)

Selector switch for hammer drilling / chiselling (Fig. 7)

- For hammer drilling, press the button (C) on the selector switch for hammer drilling/chiseling (3) and simultaneously turn the selector switch for hammer drilling/chiseling (3) to position D.
- For chiseling, press the button (C) on the selector switch for hammer drilling/chiseling (3) and simultaneously turn the selector switch for hammer drilling/chiseling (3) to position E. In position E the chisel is not locked.
- For chiseling, press the button (C) on the selector switch for hammer drilling/chiseling (3) and simultaneously turn the selector switch for hammer drilling/chiseling (3) to position F. The chisel is locked in position F.

Notice!

Only low pressure is required for hammer drilling. Excessive pressure will exert an unnecessary force on the motor. Check the drill bits at regular intervals. Sharpen or replace blunt drill bits.

VIII. Cleaning and maintenance

⚠ Attention! Always pull out the mains power plug before starting any cleaning work.

Cleaning

- Keep all safety devices, air vents and the motor housing free of dirt and dust as far as possible. Wipe the equipment with a clean cloth or blow it with compressed air at low pressure.
- We recommend that you clean the equipment immediately each time you have finished using it.
- Clean the equipment regularly with a moist cloth and some soft soap. Do not use cleaning agents or solvents; these could attack the plastic parts of the equipment. Ensure that no water can seep into the equipment.
- We recommend cleaning the connection pieces and components of the electrical motor without water.

Brush inspection

In case of excessive sparking, have the carbon brushes checked only by a qualified electrician. **Important:** The carbon brushes should not be replaced by anyone but a qualified electrician.

Lubrication (Fig.8)

The gear should be lubricated with grease after approximately 50 hours of operation.

Switch off the machine and pull the mains plug out of the socket.

- Remove the gear cover (G) with the spanner (15).
- Lubricate all the accessible mechanical parts with approx. 50 g of grease. (not included)
- Tighten the gear cover with the spanner (15).

IX. Technical data

Rated power input	1250 W
Rated voltage	220-240 V~/ 50 Hz
Idle speed	850 /min
Impact frequency	4500 bpm
Impact energy	5 joules
Drilling capacity in concrete (max.)	30 mm
Protection Class	II

Noise

The total noise values determined in accordance with IEC 60745.

Sound pressure level L_{pA}	90.9 dB(A)
Uncertainty K_{pA}	3 dB
Sound power level L_{WA}	101.9 dB(A)
Uncertainty K_{WA}	3 dB
Vibration at main handle	
Concrete: Drilling $a_{h(HD)}$ / Chiseling $a_{h(ChEq)}$	13.59 m/s ² / 14.3 m/s ²
Uncertainty K	1.5 m/s ²
Vibration at additional handle:	
Drilling $a_{h(HD)}$ / Chiseling $a_{h(ChEq)}$	11.265 m/s ² / 14.51 m/s ²
Uncertainty K	1.5 m/s ²

Wear hearing protection.

The effects of noise can cause a loss of hearing. Total vibration values (vector sum - three directions) determined in accordance with IEC 60745.

NOTE!: The indicated sound levels have been determined according to a standardized testing procedure and can be used to compare different power tools with each other. Furthermore, these values are suitable to evaluate the loads that sounds can cause for the user in advance.

⚠ Attention! Depending on how you will use the power tool, the actual values may deviate from the indicated values. Take measures to protect yourself from noise pollution. In this process it is important to take the complete sequence of operation into account. This also includes moments during which the power tool operates without load and moments during which it is turned off. Suitable measures comprise amongst

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other things regular maintenance and service of the power tool and the insertion tools, regular breaks and the appropriate planning of the sequences of operation.

X. Storage/Transport

Store the equipment and accessories out of children's reach in a dark and dry place above freezing temperature. The ideal storage temperature is between 5 and 30 °C. Store the electric tool in its original packaging.

If possible store the tool manual and accessories in the original packaging. This will ensure you will always have all information and parts at your disposal when required.

Transport

Pack the equipment carefully or use the original packaging in order to prevent damage during transport.

XI. Electrical connection


**The electrical motor installed is connected and ready for operation.
The connection complies with the applicable Australian standards.**

Warning!

Check the voltage! The voltage must comply with the information on the rating label!

The mains connection used as well as any extension cable used must also comply with Australian standards.

Damaged electrical connection cable

 Warning! If the replacement of the power cord is necessary, this must be done by the manufacturer or his agent or by a qualified electrical contractor.

The insulation on electrical connection cables can often be damaged.

This may be due to the following causes:

- Passage points, where connection cables are passed through windows or doors.
- Kinks where the connection cable has been improperly fastened or routed.
- Places where the connection cables have been cut due to being driven over.
- Insulation damage due to being ripped out of the wall outlet.
- Cracks due to the insulation ageing.

Such damaged electrical connection cables must not be used and are life-threatening due to the insulation damage.

Check the electrical connection cables for damage regularly. Make sure that the connection cable does not hang on the power network during the inspection.

Electrical connection cables must comply with the applicable Australian standards.

The printing of the type designation on the connection cable is mandatory.

XII. Disposal and recycling

The equipment is supplied in packaging to prevent it from being damaged in transit. The raw materials in this packaging can be reused or recycled. The equipment and its accessories are made of various types of material, such as metal and plastic. Never place defective equipment in your household refuse. The equipment should be taken to a suitable collection centre for proper disposal. If you do not know the whereabouts of such a collection point, you should contact your local council offices.

XIII. Troubleshooting

Problem	Possible Cause	Help
Power tool does not start.	Power supply interrupted.	Check power supply by connecting another power tool.
	Power cord or plug defective.	Electrician must check the tool.
	Other electrical defect of the power tool.	Electrician must check the tool.
Power tool does not operate with full power	Extension cord too long and/or cross-section too small.	Use extension cord with permissible length and/or adequate cross-section.
	Power supply (e.g. generator) voltage too low.	Connect power tool to an appropriate power supply.
No hammer drilling function.	Selector switch (3) is not set correctly.	Put the selector switch (3) to correct position (see Fig. 7).
No chiseling function.		





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4 FUNCTION ROTARY HAMMER DRILL



Warranty Details

REGISTER YOUR PURCHASE AT www.aldi.com.au/en/about-aldi/product-registration/ TO KEEP UP-TO-DATE WITH IMPORTANT PRODUCT INFORMATION

The product is guaranteed to be free from defects in workmanship and parts for a period of 60 months from the date of purchase. Defects that occur within this warranty period, under normal use and care, will be repaired, replaced or refunded at our discretion. The benefits conferred by this warranty are in addition to all rights and remedies in respect of the product that the consumer has under the Competition and Consumer Act 2010 and similar state and territory laws.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

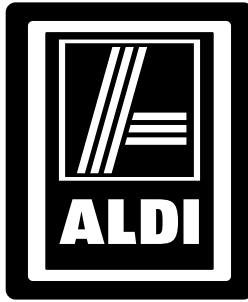
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4 FUNCTION ROTARY HAMMER DRILL

Repair and Refurbished Goods or Parts Notice

Unfortunately, from time to time, faulty products are manufactured which need to be returned to the Supplier for repair.

Please be aware that if your product is capable of retaining user-generated data (such as files stored on a computer hard drive, telephone numbers stored on a mobile telephone, songs stored on a portable media player, games saved on a games console or files stored on a USB memory stick) during the process of repair, some or all of your stored data may be lost.

We recommend you save this data elsewhere prior to sending the product for repair.

You should also be aware that rather than repairing goods, we may replace them with refurbished goods of the same type or use refurbished parts in the repair process.

Please be assured though, refurbished parts or replacements are only used where they meet ALDI's stringent quality specifications.

If at any time you feel your repair is being handled unsatisfactorily, you may escalate your complaint. Please telephone us on 1300 855 831 or write to us at:



RossMac Pty. Ltd.

P.O. Box 261, Essendon North, Victoria, 3041

1300 855 831

support@scheppach.com.au

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  **1300 855 831**

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