Instruction Manual

20V ROTARY HAMMER

Model: DC2003

MODEL NR.: DO-CD20-350



CE

WARNING:

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

Save these instructions for future reference.

About This Instruction Manual

Read and understand this entire instruction manual before using the product. Keep this manual with the product at all times and ensure it is available to any person who operates the tool. This product is intended for use by trained personnel who are familiar with the potential hazards. Untrained persons may be at risk of injury from improper use.

The accompanying documentation corresponds to the current state of the art at the time of printing. The operating instructions must always remain ready to hand at the product. Ensure that these operating instructions are with the product when it is given to other persons.

Signal Word Definitions

DANGER: Indicates an imminently hazardous situation that, if not avoided, will result in death or serious injury.

WARNING: Indicates a potentially hazardous situation that, if not avoided, could result in death or serious injury.

CAUTION: Indicates a potentially hazardous situation that, if not avoided, may result in minor or moderate injury, or damage to the product or property.

General Power Tool 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.

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

Keep work area clean and well lit. Cluttered or dark areas invite accidents.

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.

Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

2) Electrical safety

Power tool plugs must match the outlet. Never odify 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.

- 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.
- Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- 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.
- 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.
- If operating a power tool in a damp location is unavoidable, use a ground fault circuit interrupter (GFCI) protected supply. Use of an
GFCI reduces the risk of electric shock.

3) Personal safety

- 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.
- 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.
- 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.
- 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.
- Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing, and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.
- 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.
- 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

- 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.
- 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.
- 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.
- 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.
- 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.
- Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- 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.

5) Battery tool use and care

- Keep handles and gripping surfaces dry, clean and free from oil and grease. Slippery handles and gripping surfaces do not allow for safe handling and control of the tool in unexpected situations.- **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire
when used with another battery pack.
- Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.

- Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water.
If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.
Service
- Do not use a battery pack or tool that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
- Do not expose a battery pack or tool to fire or excessive temperature. Exposure to fire or temperature above 130 °C may cause explosion.
- Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions. Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.
- Never use the battery pack as a striking tool.
- 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.
Never service damaged battery packs.
Service of battery packs should only be performed by the manufacturer or authorized service providers.
- Follow instruction for lubricating and changing accessories.

SAFETY WARNINGS

- Wear ear protectors. Exposure to noise can cause hearing loss.
Use auxiliary handle(s), if supplied with the tool. Loss of control can cause personal injury.
- Hold power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring.
- Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
- Wear a hard hat (safety helmet), safety glasses and/or face shield. - Ordinary eye or sun glasses are NOT safety glasses. It is also
highly recommended that you wear a dust mask and thickly padded gloves.
- Be sure the bit is secured in place before operation.
Under normal operation, the tool is designed to produce vibration. - The screws can come loose easily, causing a breakdown or accident.

- Check tightness of screws carefully before operation.
- In cold weather or when the tool has not been used for a long time, let the tool warm up for a while by operating it under no load. This will loosen up the lubrication. Without proper warm-up, hammering operation is difficult.
- Always be sure you have a firm footing. Be sure no one is below when using the tool in high locations.
- Hold the tool firmly with both hands.
- Keep hands away from moving parts.
- Do not leave the tool running. Operate the tool only when hand-held.
- Do not point the tool at any one in the area when operating. The bit could fly out and injure someone seriously.
- Do not touch the bit or parts close to the bit immediately after operation; they may be extremely hot and could burn your skin.
- Some material contains chemicals which may be toxic. Take caution to prevent dust inhalation and skin contact. Follow material supplier safety data.

Safety instructions when using long drill bits with rotary hammers

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. 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 instructions for rotary hammers

- Use the product and accessories only when they are in perfect working order. Never tamper with or modify the product or accessories in any way.
- Use auxiliary handles supplied with the product. Keep the grips clean and dry. Loss of control can cause personal injury.
- Always check that you have a safe and firm stance when you use the product. Make sure that you are securely balanced and have control before you start the operation.
- Risk of injury by falling tools and/or accessories. Before starting work, check that the battery and installed accessories are secure.
- Keep the air vents clear at all times. Risk of burn injuries due to blocked air vents.
- Apply appropriate safety measures at the opposite side of the workpiece in work that involves breaking through. Parts breaking away could fall out and/or fall down causing injury to other persons.
- When chiseling into ceilings, walls and floors, always make sure that you have a safe and firm stance. A sudden break-

through can affect your balance.
- Do not touch rotating parts — risk of injury.
- Wear protective gloves when changing the accessory tool. Touching the accessory tool can result in cuts and burns.
- Switch the product off immediately if the accessory tool jams. The product might twist off-line.
- Switch the product on only after bringing it to the working position.
- Wait until the product has come to a complete stop before you lay it down.
- Before beginning work, check the working area for concealed electric cables, gas pipes and water pipes. External metal parts of the product could give you an electric shock or cause an explosion if you accidentally damage an electric cable or a gas or water pipe.

SAVE THESE INSTRUCTIONS

WARNING:
DO NOT let comfort or familiarity with product (gained from repeated use) replace strict adherence to safety rules for the subject product. MISUSE or failure to follow the safety rules stated in this instruction manual may cause serious personal injury.

IMPORTANT SAFETY INSTRUCTIONS FOR BATTERY CARTRIDGE

- Before using battery cartridge, read all instructions and cautionary markings on (1) battery charger, (2) battery, and (3) product using battery.
- Do not disassemble battery cartridge.
- If operating time has become excessively shorter, stop operating immediately. It may result in a risk of overheating, possible burns
and even an explosion.
- If electrolyte gets into your eyes, rinse them out with clear water and seek medical your eyesight.
- Do not short the battery cartridge:
- Do not touch the terminals with any conductive material.
- Avoid storing battery cartridge in a container with other metal objects such as nails, coins, etc.
- Do not expose battery cartridge to water or rain. A battery short can cause a large current flow, overheating, possible burns and even a breakdown.
- Do not store the tool and battery cartridge in locations where the temperature may reach or exceed 50 ° C (122 ° F).
- Do not incinerate the battery cartridge even if it is severely damaged or is completely worn out. The battery cartridge can explode in a fire- Be careful not to drop

or strike battery.

- Do not use a damaged battery.

SAVE THESE INSTRUCTIONS

Tips for maintaining maximum battery life

- Charge the battery cartridge before completely discharged. Always stop tool operation and charge the battery cartridge when you notice less tool power.
- Never recharge a fully charged battery cartridge. Overcharging shortens the battery service life.
- Charge the battery cartridge with room temperature at 10 ° C - 40 ° C (50 ° F - 104 ° F). Let a hot battery cartridge cool down before charging it.
- Charge the battery cartridge once in every six months if you do not use it for a long period of time.

TECHNICAL DATA

Model	DC2003
Batter voltage	20V
No load speed	0-1350 r/min
Impact rate	0~4500bpm
Impact joules	2.3J
Toolholder	SDS-PLUS
Drilling capacity	20/13/28 (in concrete,steel,wood)
Accessories: Battery pack 2pcs; Charger 1pc; Auxiliary handle 1pc; Point chisel 14x250mm 1pc Flat chisel 14x250mm 1pc Drill bit 8/10/12x150mm 3pcs	

FUNCTIONAL DESCRIPTION

CAUTION:

Always be sure that the tool is switched off and the battery cartridge is removed before adjusting or checking function on the tool.

Installing or removing battery pack

CAUTION:

Hold the tool and the battery pack firmly when installing or removing battery pack.

Failure to hold the tool and the battery pack firmly may cause them to slip off your hands and result in damage to the tool and battery pack and a personal injury.



- Always switch off the tool before installing or removing of the battery pack.
- To remove the battery pack, slide it from the tool while sliding the button on the front of the battery pack.
- To install the battery pack, align the tongue on the battery pack with the groove in the housing and slip it into place. Always insert it all the way until it locks in place with a little click. If you can see the red indicator on the upper side of the button, it

is not locked completely. Install it fully until the red indicator cannot be seen. If not, it may accidentally fall out of the tool, causing injury to you or someone around you.
- Do not use force when installing the battery pack. If the battery pack does not slide in easily, it is not being inserted correctly.
Lithium-ion batteries with a star marking are equipped with a protection .

Switch action



CAUTION:
Before inserting the battery cartridge into the tool, always check to see that the switch trigger actuates properly and returns to the "OFF" position when released.
To start the tool, simply pull the switch trigger. Tool speed is increased by increasing pressure on the switch trigger. Release the switch trigger to stop.

Reversing switch action



This tool has a reversing switch to change the direction of rotation. Depress the reversing switch lever from the clockwise rotation or from the counterclockwise rotation.
When the reversing switch lever is in the neutral position, the switch trigger cannot be pulled.

CAUTION:
- Always check the direction of rotation before operation.
- Use the reversing switch only after the tool comes to a complete stop. Changing the direction of rotation before the tool stops may damage the tool.
- When not operating the tool, always set the reversing switch lever to the neutral position.

Selecting the action mode

These rotary hammers have three setting: drill only rotary hammer and hammer only. Always allow the motor to come to a complete stop before changing the mode selection to avoid damage to the tool.



For drilling ,press in the selector release button and turn the selector lever points to

the twist dill  symbol.

For rotary hammering ,press in the selector release button and the selector lever so the arrow points to the hammer and twist drill  symbol.

For hammer only, press in the selector release button and turn the selector lever so the arrow points to hammer  symbol.

Chisel angle (when chipping, scaling or demolishing)：

The chisel can be secured at the desired angle. To change the chisel angle, rotate the action mode changing knob to the  symbol. Turn the chisel to the desired angle.

Rotate the action mode changing knob to the symbol. Then make sure that the chisel is securely held in place by turning it slightly.

Important!

When hammer drilling, you will require a low pressure. Too much

For chipping, scaling or demolition operations, depress the lock button and rotate the action mode changing knob to the symbol. Use a bull point, cold chisel, scaling chisel, etc.

CAUTION:

- Do not rotate the action mode changing knob when the tool is running. The tool will be damaged.
- To avoid rapid wear on the mode change mechanism, be sure that the action mode changing knob is always positively located in one of the three action mode positions.
- When changing from the symbol mode to the symbol mode, the action mode changing knob may no longer move in the symbol position. At this time, turn the tool on or turn the chuck by hand in the symbol position and then rotate the action mode changing knob. Forcing the action mode changing knob may cause tool damage.

Torque limiter

The torque limiter will actuate when a certain torque level is reached. The motor will disengage from the output shaft. When this happens, the bit will stop turning.

CAUTION:

- As soon as the torque limiter actuates, switch off the tool immediately. This will help prevent premature wear of the tool.
- Hole saws cannot be used with this tool. They tend to pinch or catch easily in the hole. This will cause the torque limiter to actuate too frequently.

Operation

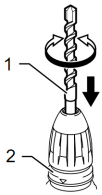
Before starting work

- Examine the place where the device is to be used for hidden electrical cables, gas and water pipes using a pipe finding device.
- Before connecting to the power mains ensure care that the mains voltage corresponds to the details on the rating plate.

Fitting and changing tools

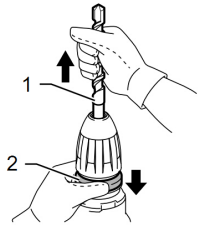
The device is equipped with a SDS-PLUS attachment system.

- Clean tools and grease with a thin layer of machine grease before fitting.
- Pull back fastening sleeve and hold.
- Push and rotate the bit into the tool holder as far as it will go. The tool will lock automatically.
- Check that it has locked by pulling the tool.



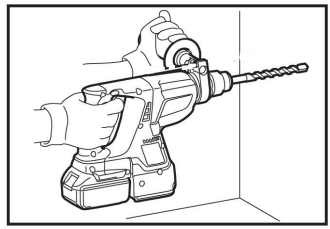
Removing SDS-PLUS tool

Pull back fastening sleeve hold and remove the bit.



Operation

Hammer drilling operation



Set the action mode changing knob to the symbol. Position the bit at the desired location for the hole, then pull the switch trigger.

Do not force the tool. Light pressure gives best results. Keep the tool in position and prevent it from slipping away from the hole. Do not apply more pressure when the hole becomes clogged with chips or particles. Instead, run the tool at an idle, then remove the bit partially from the hole. By repeating this several times, the hole will be cleaned out

and normal drilling may be resumed.

CAUTION:

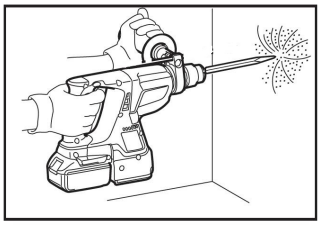
There is a tremendous and sudden twisting force exerted on the tool/bit at the time of hole break-through, when the hole becomes clogged
with chips and particles, or when striking reinforcing rods embedded in the concrete. Always use the side grip (auxiliary handle) and firmly hold the tool by both side grip and switch handle during operations. Failure to do so may result in the loss of control of the tool and potentially severe injury.

NOTE:

Eccentricity in the bit rotation may occur while operating the tool with no load. The tool automatically centers itself during operation. This does not affect the drilling precision.

Chipping/Scaling/Demolition

Set the action mode changing knob to the symbol. Hold the tool firmly with both hands. Turn the tool on and apply slight pressure on the tool so that the tool will not bounce around, uncontrolled. Pressing very hard on the tool will not increase the efficiency.



MAINTENANCE

CAUTION:

- Always be sure that the tool is switched off and the battery cartridge is removed before attempting to perform inspection or maintenance.
- Never use gasoline, benzine, thinner, alcohol or the like. Discoloration, deformation or cracks may result.

To maintain product SAFETY and RELIABILITY, repairs, carbon brush inspection and replacement, any other maintenance or adjustment should be performed by Authorized Service Centers, always using ORIGINAL parts. replaced

Handling Damaged Batteries

If a battery is visibly damaged, cracked or leaking fluid, do not use it. Avoid direct skin and eye contact with any leaking fluid. Wear protective gloves and eye protection. Use an appropriate absorbent material to clean up leaked fluid in accordance with local regulations.

Place the damaged battery in a non-flammable container and cover it with dry sand, chalk powder (calcium carbonate) or vermiculite. Seal the container and store it away from flammable materials. Dispose of the container through an authorised waste collection point in compliance with local regulations.

Signs of Battery Malfunction

Watch for abnormal battery behaviour such as: failure to charge or accept a full charge, unusually long charging times, noticeable loss of power during use, unusual indicator light activity, swelling, excessive heat or leaking fluid. These may indicate an internal defect. Stop using the battery immediately and dispose of it correctly if any of these symptoms occur.

Responding to a Battery Fire

WARNING: A burning lithium-ion battery releases hazardous and potentially explosive fumes. Wear personal protective equipment when responding to a battery fire.

Use water only to extinguish a lithium-ion battery fire. Maintain the greatest possible distance from the fire. Powder extinguishers and fire blankets are not effective on lithium-ion battery fires.

Ensure adequate ventilation to allow hazardous fumes to disperse. Leave the area immediately if heavy smoke develops. Alert the fire service before attempting to fight the fire.

If a battery does not cool down, is smoking or is burning: place the battery in a metal bucket filled with water using a non-flammable tool such as a shovel. Leave the battery submerged for at least 24 hours until completely cooled. Then handle it as a damaged battery (see above).

Additional Personal Safety

Dust produced by drilling, hammer drilling and chiseling can contain dangerous chemicals. Some examples are: lead or lead-based paints; brick, concrete and other masonry products, natural stone and other products containing silicates; certain types of wood, such as oak, beech and chemically treated wood; asbestos or materials that contain asbestos. Assess the hazard classification of the materials to be worked. Implement the necessary measures to restrict exposure to a safe level.

If the product is used without a dust extraction device, a lightweight respiratory mask must be worn during dusty work. Certain kinds of dust are classified as carcinogenic such as oak and beech dust, especially in conjunction with additives for wood conditioning.

Take frequent breaks and do physical exercises to improve the blood circulation in your fingers. Exposure to vibration during long periods of work can lead to disorders of the blood vessels and nervous system in the fingers, hands and wrists.

During use of the product, the operator and persons in the vicinity must wear safety glasses, a hard hat and hearing protection.

Intended Use

This cordless SDS-Plus rotary hammer is designed for drilling in concrete, masonry, wood and metal. The product can also be used for light- to medium-duty chiseling on masonry and surface finishing work on concrete. Use only SDS-Plus accessory tools designed for this product. Do not use for purposes other than those described. Use only accessories and attachments specified for this product. Use of accessories not specifically designed for this product may be hazardous.

Items Supplied

Cordless rotary hammer, auxiliary handle, point chisel 14x250mm, flat chisel 14x250mm, drill bits 8/10/12x150mm (3 pcs), instruction manual. Verify that all items are present and undamaged before use.

Tool / Battery Protection System

The tool is equipped with an electronic system to protect against overloading and overheating. The tool switches off automatically in the event of overloading or overheating. After releasing the switch trigger, the tool may not restart immediately when the switch is pressed again (while the tool is cooling down).

Overload protection: When the battery is operated in a manner that causes it to draw an abnormally high current, the tool stops automatically. Turn the tool off and stop the application that caused the overload. Then turn the tool on to restart.

Overheat protection: When the tool is overheated, the tool stops automatically. Let the tool cool and clean the air vents before turning the tool on again.

Overdischarge protection: When the battery capacity is insufficient, the tool stops automatically. Remove the battery from the tool and charge the battery.

Care of the Product

Carefully remove stubborn dirt from the tool. If air vents are present, clean them gently with a dry, soft brush. Use only a slightly damp cloth to clean the housing. Do not use solvents, gasoline, benzine, thinner, alcohol or silicone-based cleaning agents as these may damage plastic parts. Use a dry, clean cloth to wipe the contacts of the tool.

Care of Li-ion Batteries

Never use a battery with blocked air vents; clean them carefully with a dry, soft brush. Keep the battery clean and free of oil and grease. Avoid unnecessary exposure to moisture. A battery that has been soaked should be treated as damaged. Isolate it in a non-flammable container.

Transport and Storage

Transporting the Tool and Batteries

CAUTION: Always remove the battery before transporting the tool.

Never transport batteries loose or unprotected. During transport, batteries must be protected from excessive shock and vibration, and isolated from conductive materials or other batteries that could contact the terminals and cause a short circuit. Comply with locally applicable regulations for transporting batteries.

Do not send batteries by post. Consult your shipping provider for instructions on sending undamaged batteries.

Before each use and before and after prolonged transport, inspect the tool and batteries for damage.

Storing the Tool and Batteries

WARNING: Always remove the battery from the tool before storage.

Store the tool and batteries in a cool, dry place. Observe the temperature limits stated in the technical data. Do not store batteries on the charger; always remove the battery when charging is complete.

Never leave batteries in direct sunlight, on heat sources or behind glass. Store the tool and batteries where they cannot be accessed by children or unauthorised persons.

Troubleshooting

If the issue is not listed below or cannot be resolved, contact an authorised service centre.

Tool does not start:

— Check that the battery is fully charged and correctly inserted until it clicks. — Verify that the forward/reverse switch is not in the neutral (locked) position.

No hammer action:

— Check that the action mode changing knob is set to the rotary hammer or hammer only position.

Tool runs but all four LEDs blink:

— The tool is momentarily overloaded. Release the switch trigger and press it again. — The overheat protection has been activated. Let the tool cool down and clean the air vents.

Speed drops suddenly:

— The battery may be nearly discharged. Recharge or replace the battery.

Tool or battery becomes excessively hot:

— Switch the tool off immediately and remove the battery. Allow both to cool. If the problem persists, contact an authorised service centre.

Battery does not engage with an audible click:

— Clean the retaining mechanism on the battery and the housing. Re-insert the battery until it clicks securely.

Bit slips or does not lock in SDS-Plus holder:

— Clean the tool holder and the bit shank. Apply a thin layer of machine grease to the bit shank. Check the locking mechanism for wear or damage.

Environmental Protection and Waste Disposal

Do not dispose of power tools, electronic equipment or batteries as household waste.

WEEE (Directive 2012/19/EU)

The crossed-out wheeled bin symbol on the product, battery, or packaging means that this product and its battery must not be disposed of with general household waste. You are responsible for the correct disposal of this product and its battery at the end of its useful life. Return it to a designated collection point for the recycling of waste electrical and electronic equipment and batteries in accordance with local regulations.

Battery Disposal (EU Battery Regulation 2023/1542/EU)

The battery pack must be removed from the tool before disposal and must be disposed of separately in accordance with Regulation (EU) 2023/1542. Do not dispose of the battery in fire or with household waste. Take exhausted batteries to an authorised collection or recycling point. Cover the contacts with a non-conductive material to prevent short circuits before disposal.

Additional Safety Requirements (EU)

Children and Vulnerable Persons

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children shall be supervised to ensure that they do not play with the appliance. Keep the tool and its accessories out of reach of children.

Dust Hazards (Directive 2004/37/EC, Directive 98/24/EC)

Some dust generated during use may contain hazardous substances. Always assess dust risks before use. Wear appropriate respiratory protective equipment (RPE) in accordance with EN 149 classification. Where exposure to crystalline silica dust is possible (e.g. when drilling concrete or masonry), use RPE rated FFP3 or higher. Ensure adequate ventilation.

Residual Risks

Even when this tool is used as intended and all safety instructions are followed, certain residual risks cannot be eliminated. These include: injury from touching hot surfaces; hearing damage from noise over extended periods of use; hand-arm vibration effects from prolonged use; eye injury from ejected particles; risk of the tool twisting suddenly if the bit jams in the workpiece; risk of injury from breaking through walls, floors or ceilings. Always use appropriate personal protective equipment.

Workplace Safety

When drilling or chiseling through walls, floors or ceilings, protect the space on the opposite side. Parts breaking away could fall out and/or fall down causing injury to other persons.

Statutory Consumer Rights (EU/EEA)

In addition to any commercial guarantee provided by the seller, consumers purchasing this product in the EU/EEA are entitled to a minimum statutory guarantee of two (2) years from the date of delivery of the goods, in accordance with Directive (EU) 2019/771 on the sale of goods. This statutory guarantee covers non-conformity of the goods existing at the time of delivery. Please retain your proof of purchase.
Online Dispute Resolution (ODR): The European Commission provides an online dispute resolution platform at: https://ec.europa.eu/consumers/odr

EU Declaration of Conformity

The manufacturer / EU authorised representative declares that this product is in conformity with the following EU directives and applicable harmonised standards.

Applicable EU Directives:

Machinery Directive 2006/42/EC
Electromagnetic Compatibility Directive 2014/30/EU
RoHS Directive 2011/65/EU (as amended by Directive 2015/863/EU)
WEEE Directive 2012/19/EU

Applied Harmonised Standards:

EN 62841-1:2015+A11:2022 (Electric motor-operated hand-held tools — Safety — General requirements)
EN IEC 62841-2-6:2020+A11:2020+A1:2024+A12:2024 (Particular requirements for hammers)
EN IEC 63000 (Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances)
EN IEC 55014-1:2021 (Electromagnetic compatibility — Part 1: Emission)
EN IEC 55014-2:2021 (Electromagnetic compatibility — Part 2: Immunity)

Manufacturer: Zhejiang Jingli Tools Co., Ltd., No.18 Jinsan Road, Jinyanshan Industrial Area, Quanxi, Wuyi, Zhejiang, P.R. China (321200)
EU Authorised Representative: Dolabro d.o.o., Agrokombinatska 82d, 1000 Ljubljana, Slovenia

Noise and Vibration Emission Data

(Required under Machinery Directive 2006/42/EC, Annex I, clause 1.7.4. Values measured in accordance with EN 62841-1 and EN IEC 62841-2-6.)

Sound pressure level at operator position LpA =89,2 dB(A), K = 3.0 dB
Guaranteed sound power level LWA = 97,2 dB(A), uncertainty K = 3.0 dB
Hand-arm vibration emissions, hammer drilling in concrete (EN IEC 62841-2-6):
ah,HD = 9,715 m/s², K = 1.5 m/s²

The values above were measured under standardised test conditions and may be used to compare tools. Actual exposure depends on how the tool is used, the material being worked, and the condition of the tool and accessories. Periods when the tool is switched off or running idle significantly reduce total exposure.

To reduce exposure to noise and vibration: maintain the tool and accessories in good condition, keep hands warm, organise work patterns to include regular breaks, and avoid prolonged continuous use. Extended exposure to high vibration can cause disorders of blood vessels and nerves in the hands and fingers. Take frequent breaks and perform hand exercises to promote blood circulation.