Instruction Manual

ANGLE GRINDER

Model: A1620

Product NR: DO-AG20-1620



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.

Specification:

Model	A1620
Rated Voltage	20V
No-load Speed	8500RPM
Max. Wheel Diameter	115mm
Spindle Thread	M14
Arbor Diameter	22.23mm
Max.wheel Thickness	6mm
Weight	1.65KG
Accessories	"Lithium Battery 20V/4.0Ah: 2PCS Fast Charger 21V/1.8A: 1PC

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. Save all warnings and instructions for future reference. The term “power tool” in the warnings refers to your mains-operated (corded) power tools or battery operated (Cordless) Power tools.

1) Work area safety

- Keep work area clean and well lit. Cluttered or dark areas invite accidents.- Don't 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 modify the plug in any way. Don't use any adaptor 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 pipe, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.

- Don't expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

- Don't 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 increased the risk of electric shock.

- When operating a power tool outdoors, use an extension cord suitable for outdoor use. Using a cord suitable for outdoor use will reduce the risk of electric shock.

- 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.

- Use of power supply via a RCD with a rated residual current of 30mA or less is always recommended.

3) Personal safety

- Stay alert, watch what you are doing and use common sense when operating a power tool. Don't 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 energizing 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.

- Don’t overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- Dress properly. Don’t wear loose clothing or jewelry. Keep your hair, clothing, and gloves away from moving parts. Loose cloths, jewelry or long hair can be caught in moving parts.
- If devices are provided for 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 allow familiarity from repeated use to replace careful attention to safety principles. A momentary lapse can cause severe injury in a fraction of a second.

4) Power tool use and care

- Don’t 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.
- Don’t use the power tool if the switch doesn’t 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 don’t allow persons unfamiliar with power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.
- 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 the instruction, 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.
- Keep handles and gripping surfaces dry, clean and free from oil and grease. Slippery surfaces prevent safe handling and control of the tool.

5) Service

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

- Follow instruction for lubricating and changing accessories.
- Keep handles dry, clean and free from oil and grease..

6) Battery tool use and care

- 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.
- Do not use a battery pack or tool that has been damaged or modified in any way. Altered or damaged batteries may behave unpredictably and cause fire, explosion or injury.
- Do not expose a battery pack or tool to fire or excessive temperature. Exposure to temperatures above 130 °C may cause explosion.
- Follow all charging instructions and do not charge the battery pack outside the temperature range specified in this manual.
- Never use the battery pack as a striking tool.

7) Specific safety rules

- Always use proper guard with grinding wheel. A guard protects operator from broken wheel fragments.
- Accessories must be rated for at least the speed recommended on the tool warning label. Wheels and other accessories running over rated speed can fly apart and cause injury.
- Hold tool by insulated gripping surfaces when performing an operation where the grinding tool may contact hidden wiring or its own cord. Contact with a “live” wire will make exposed metal parts of the tool “live” and shock the operator.
- When using depressed center grinding wheels, be sure to use only fiberglass-reinforced wheels.
- Always use safety glasses or goggles. Ordinary eye or sun glasses are NOT safety glasses.
- Check the wheel carefully for cracks or damage before operation.
- Replace cracked or damaged wheel immediately. Run the tool (with guard) at no load for about a minute, holding tool away

from others. If wheel is flawed, it will likely separate during this test.
- Use only flanges specified for this tool.
- Be careful not to damage the spindle, the flange (especially installing surface) and the lock nut. Damage to these parts could result in wheel breakage. - NEVER use tool with wood cutting blades or other saw blades. Such blades when used on a grinder frequently kick and cause loss of control leading to personal injury.
- Hold the tool firmly.
- Keep hands away from rotating parts.
- Make sure cord is clear of wheel. Do not wrap cord around your arm or wrist. If control of tool is lost, cord may become wrapped around you and cause personal injury.
- Make sure the wheel is not contacting the work piece before the switch is turned on.
- Before using the tool on an actual workpiece, let it run for a while. Watch for vibration or wobbling that could indicate poor installation or a poorly balanced wheel.
- Use the specified surface of the wheel to perform the grinding.- Watch out for flying sparks. Hold the tool so that sparks fly away from you and other persons or flammable materials.
- Do not leave the tool running. Operate the tool only when hand-held.- Do not touch the work piece immediately after operation; it may be extremely hot and could burn your skin.
- ALWAYS wear proper apparel including long sleeve shirts, leather gloves and shop aprons to protect skin from contact with hot grindings. - Use of this tool to grind or sand some products, paints and wood could expose user to dust containing hazardous substances. Use appropriate respiratory protection.



WARNING

MISUSE or failure to follow the safety rules stated in this instruction manual may cause serious personal injury.

Additional safety instructions for batteries and chargers

Batteries

1. Never attempt to open for any reason.
2. Do not store in locations where the temperature may exceed 40 °C.
3. Charge only at ambient temperatures between 4 °C and 40 °C.
4. Charge only using the charger provided with the tool.
5. When disposing of batteries, follow the instructions given in the section on environmental protection.
6. Do not cause short circuits. If connection is made between the positive (+) and negative (-) terminal directly or via accidental contact with metallic objects, the

battery is short circuited and an intense current will flow causing heat generation which may lead to casing rupture or fire.
7. Do not heat. If batteries are heated to above 80 °C, sealing and insulating separators and other polymer components may be damaged resulting in electrolyte leakage and/or internal short circuiting leading to heat generation causing rupture or fire. Do not dispose of batteries in fire.
8. Under extreme conditions, battery leakage may occur. When you notice liquid on the battery: carefully wipe the liquid off using a cloth, avoid skin contact. In case of skin or eye contact, immediately rinse with water. Neutralize with a mild acid such as lemon juice or vinegar. In case of eye contact, rinse abundantly with clean water for at least 10 minutes. Consult a physician.

Fire hazard! Avoid short-circuiting the contacts of a detached battery. Do not incinerate the battery.

Chargers

1. Use the charger provided with the tool only to charge the battery.
2. Never attempt to charge non-rechargeable batteries.
3. Have defective cords replaced immediately.
4. Do not expose to water.
5. Do not open the charger.
6. Do not probe the charger.
7. The charger is intended for indoor use only.

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.

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.

Kickback and related warnings

- Kickback is a sudden reaction to a pinched or snagged rotating wheel, backing pad, brush or any other accessory. Pinching or snagging causes rapid stalling of the rotating accessory which in turn causes the uncontrolled tool to be forced in the direction opposite of the accessory rotation at the point of binding.
- Maintain a firm grip on the power tool and position your body and arm to allow you to resist kickback forces. Always use the auxiliary handle for maximum control over kickback or torque reaction during start-up.
- Never place your hand near the rotating accessory. The accessory may kick back over your hand.
- Do not position your body in the area where the tool will move if kickback occurs. Kickback will propel the tool in the direction opposite to the wheel movement at the point of snagging.
- Use particular caution when working corners, sharp edges, etc. Avoid bouncing and snagging the accessory.
- Do not attach a saw chain, woodcarving blade, segmented diamond wheel with a peripheral gap greater than 10 mm or toothed saw blade. Such blades create frequent kickback and loss of control.
- Do not jam the wheel or apply excessive pressure. Do not attempt to make an excessive depth of cut. Overstressing the wheel increases loading and the possibility of kickback or wheel breakage.

Safety warnings for cut-off operations

- Do not position your body in line with and behind the rotating wheel. When the wheel is moving away from your body, the possible kickback may propel the spinning wheel and tool directly at you.
- When the wheel is binding or when interrupting a cut, switch off the tool and hold it motionless until the wheel comes to a complete stop. Never attempt to remove the cut-off wheel from the cut while the

wheel is in motion.
- Do not restart the cutting operation in the workpiece. Let the wheel reach full speed and carefully re-enter the cut.
- Support panels or any oversized workpiece to minimise the risk of wheel pinching and kickback.
- Use extra caution when making a plunge cut into existing walls or other blind areas. The protruding wheel may cut gas or water pipes, electrical wiring or objects that can cause kickback.

Additional safety instructions for angle grinders

- Always use the product with the guard fitted. Never use the product without a guard.
- Secure the workpiece. Use clamps or a vice to hold the workpiece.
- Never deburr with a cut-off wheel.
- Tighten the accessory tool and flange securely. If not properly tightened, the accessory may detach from the spindle when the motor brakes.
- Before beginning work, check the working area for concealed electric cables, gas pipes and water pipes. Contact with hidden services can cause electric shock, explosion or flooding.
- When frequently machining conductive materials, have the product cleaned by an authorised service centre at regular intervals.
- Wear protective gloves when changing the accessory tool. Contact with the accessory can cause cuts and burns.
- Before starting work, check that the battery and installed accessories are secure.
- Keep the air vents clear at all times. Blocked air vents can cause overheating and risk of burns.
- Store and handle wheels in accordance with the manufacturer's instructions.

WARNING

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

SHAFT-LOCK CAUTION

- Never actuate the shaft lock when the spindle is moving. Or the tool may be damaged.
- Press the shaft lock to prevent spindle rotation when installing or removing accessories.



CAUTION

- Before plugging in the tool, always check to see that the slide switch actuates properly and returns to the "OFF" position when the rear of the slide switch is depressed.



- Switch can be locked in "ON" position for ease of operator comfort during extended use. Apply caution when locking tool in "ON" position and maintain firm grasp on tool.

- To start the tool, slide the slide switch toward the "I (ON)" position. For continuous operation, press the front of the slide switch to lock it. - To stop the tool, press the rear of the slide switch, and then slide it toward the "O (OFF)" position.

Assembly

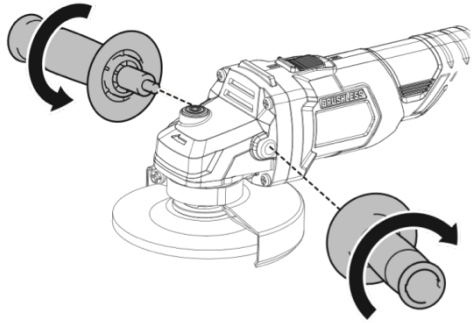
CAUTION

- Always be sure that the tool is switched off and unplugged before carrying out any work on the tool.

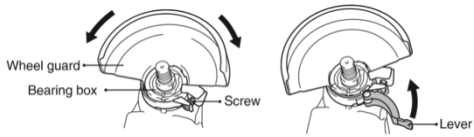
INSTALLING THE SIDE GRIP (HANDLE)

CAUTION

- Always be sure that the side grip is installed securely before operation. - Screw the side grip securely on the position of the tool as shown in the figure.



INSTALLING OR REMOVING WHEEL GUARD



CAUTION

- When using a depressed center grinding wheel/Multi-disc, flex wheel, wire wheel brush, cut-off wheel or diamond wheel, the wheel guard must be fitted on the tool so that the closed side of the guard always points toward the operator.

- Mount the wheel guard with the protrusion on the wheel guard band aligned with the notch on the bearing box. Then rotate the

wheel guard around 180 degrees. Be sure to tighten the screw securely.

- To remove wheel guard, follow the installation procedure in reverse. Installing or removing depressed center grinding wheel/Multi-disc.

WARNING

- Always use supplied guard when depressed center grinding wheel/Multi-disc is on tool. Wheel can shatter during use and guard helps to reduce chances of personal injury.

- Mount the inner flange onto the spindle. Fit the wheel / disc on the inner flange and screw the lock nut onto the spindle.

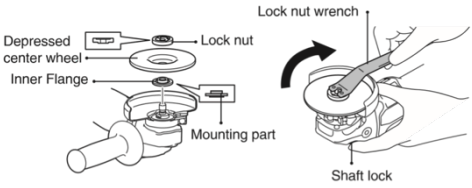
- To tighten the lock nut, press the shaft lock firmly so that the spindle cannot revolve, then use the lock nut wrench and securely tighten clockwise.

- To remove the wheel, follow the installation procedure in reverse.

1) Lock nut

2) Depressed center grinding wheel/ Multi-disc

3) Inner flange



OPERATION

WARNING

- It should never be necessary to force the tool. The weight of the tool applies adequate pressure. Forcing and excessive pressure could cause dangerous wheel breakage.

- ALWAYS replace wheel if tool is dropped while grinding.

- NEVER bang or hit grinding disc or wheel onto work.

- Avoid bouncing and snagging the wheel, especially when working corners, sharp edges etc. This can cause loss of control and kickback. - NEVER use tool with wood cutting blades and other saw blades. Such blades when used on a grinder frequently kick and cause loss of control leading to personal injury.

CAUTION

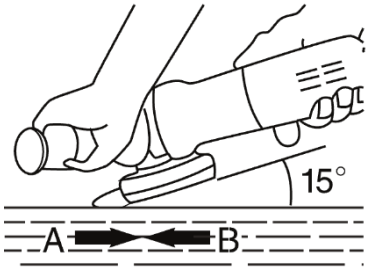
After operation, always switch off the tool and wait until the wheel has come to a complete stop before putting the tool down.

GRINDIND AND SANDING OPERATION

ALWAYS hold the tool firmly with one hand on housing and the other on the side handle. Turn the tool on and then apply the wheel or disc to the work piece.

In general, keep the edge of the wheel or disc at an angle of about 15 degrees to the

work piece surface. During the break-in period with a new wheel, do not work the grinder in the B direction or it will cut into the work piece. Once the edge of the wheel has been rounded off by use, the wheel may be worked in both A and B direction.



Additional personal safety

Dust produced by grinding, sanding, cutting and drilling 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.

If the product is used without a dust extraction device, a lightweight respiratory mask must be worn during dusty work.

Take frequent breaks and do physical exercises to improve the blood circulation in your fingers. High 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 angle grinder is intended for grinding, cutting-off and sanding of metal and stone materials using bonded abrasive and diamond wheels or discs. The tool must always be used with the appropriate guard fitted. It is designed exclusively for dry grinding and cutting operations without the use of water. Do not use for purposes other than those described.

Use only accessories and attachments specified for this product.

Items supplied

Cordless angle grinder, wheel guard, side grip (handle), inner flange, lock nut, lock nut wrench, instruction manual. Verify that all items are present and undamaged before use.

Tool / battery protection system

The tool is equipped with a tool/battery protection system. This system automatically cuts off power to the motor to extend tool and battery life.

Overload protection: When the motor is overloaded due to excessive pressing force, the tool stops automatically. Turn the

tool off and let it run at no-load speed for approximately 30 seconds before resuming work.

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

Overdischarge protection: When the battery capacity is not enough, the tool stops automatically. Remove the battery from the tool and charge the battery.

Charger instructions

CAUTION - The battery charger is for charging original battery cartridge only. Never use it for other purposes or for other manufacturer's batteries.

When you charge a battery cartridge which is new or has not been used for a long period of time, it may not accept a full charge until after discharging and recharging a couple of times.

If you charge a battery from a just operated tool or a battery which has been exposed to direct sunlight or heat for a long time, the charging light may lighten in red color. Wait for a while. Charging will begin after the battery cools.

Maintenance

- Always be sure that the tool is switched off and the battery cartridge is removed before attempting to perform inspection or maintenance.
- To maintain product safety and reliability, repairs should be performed by Professional Service Centers, always using original replacement parts.
- After cleaning and maintenance, install all guards and protective devices and check that they are in full working order.

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. 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. Avoid unnecessary exposure to dust and dirt. Never expose the battery to high levels of moisture. A battery that has been soaked should be treated as damaged. Keep the battery free of oil and grease.

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. Comply with locally applicable regulations for transporting batteries.

Do not send batteries by post. 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. Do not store batteries on the charger. Never leave batteries in direct sunlight, on heat sources or behind glass.

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 slide switch is functioning correctly.

Wheel speed drops or tool stalls under load:

- Reduce pressure on the workpiece. Do not force the tool. — The battery may be nearly discharged. Let the tool run at no-load speed for about 30 seconds to reset.

Excessive vibration or wobbling:

- Check that the wheel is correctly installed and the lock nut is tight. — Inspect the wheel for cracks, chips or uneven wear. Replace damaged wheels immediately.

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.

Accessory tool works loose during braking:

- Tighten the clamping nut securely using the pin wrench.

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 means this product must not be disposed of with general household waste. Return it to a designated collection point for recycling 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 disposed of separately. Do not dispose of the battery in fire or with household waste.

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. 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 in accordance with EN 149 classification. Where exposure to crystalline silica dust is possible, use RPE rated FFP3 or higher.

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 or ejected particles; hearing damage; hand-arm vibration effects; eye injury from disc fragments; risk of kickback. Always use appropriate personal protective equipment.

Workplace Safety

- When cutting through walls, protect the space on the opposite side. Slitting load-bearing structures may affect structural stability. Before beginning work, consult the structural engineer or site manager responsible.

Statutory Consumer Rights (EU/EEA)

- Consumers purchasing this product in the EU/EEA are entitled to a minimum statutory guarantee of two (2) years from delivery, in accordance with Directive (EU) 2019/771. Please retain your proof of purchase.

- Online Dispute Resolution (ODR): https://ec.europa.eu/consumers/odr

EU Declaration of Conformity

- The manufacturer declares that this product is in conformity with the following EU directives and applicable harmonized 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 (Safety — General requirements)
- EN IEC 62841-2-3:2021+A11:2021 (Particular requirements for grinders, polishers and disc-type sanders)
- EN IEC 63000 (Restriction of hazardous substances)
- EN IEC 55014-1:2021 (EMC — Part 1: Emission)
- EN IEC 55014-2:2021 (EMC — 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.)
- Sound pressure level at operator position LpA = 82.6 dB(A), K = 3 dB
- Guaranteed sound power level LWA = 90.6 dB(A), uncertainty K = 3 dB
- Hand-arm vibration emissions, surface grinding: ah = 2.731 m/s², uncertainty K = 1.5 m/s²

NOTE: Other applications, such as cutting, may produce vibration values that deviate from the given values.

- 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.
- 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.
- Grinding thin sheet metal or other easily vibrating structures with large surface areas may produce higher noise levels than the declared values.