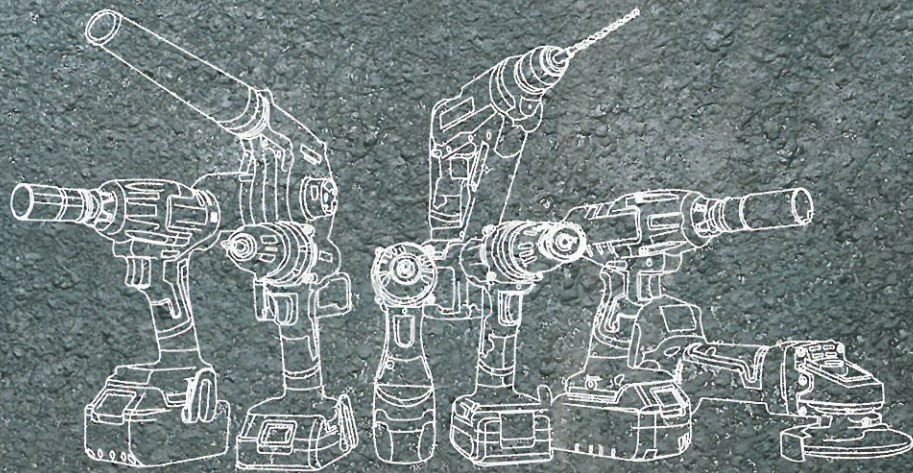


WAGENER
TOOLS EXPERT



LITHIUM PRODUCTS



PROFESSIONAL

General instructions



For your safety, please read the instructions carefully.

Please keep this manual

SAFETY RULES FOR WORKPLACE

1. Keep the workplace clean and well lit. the use of power tools in a dark, messy workplace is prone to accidents.
2. Do not use power tools in an explosive atmosphere. Sparks from power tools can cause explosions in these environments.
3. Do not allow children to access the power tool. Distraction can lead to loss of control of the machine.

ELECTRICAL SAFETY

4. The plug of the power tool must match the plug. Do not modify the form. Do not connect a ground wire to a converter plug.
 5. When working, avoid contact with grounded metal bodies, such as metal tubes, radiators, refrigerators, etc. Power tools should not be exposed to rain and should not be placed in a humid environment. Flowing water in the tool increases the risk of electric shock.
- Do not use the wire incorrectly. Do not pull on the wire to remove the tool, do not pull on the wire to remove the plug, etc. avoid touching hot objects. When using the tool outdoors, use an extension cords to reduce the risk of electric shock.

PERSONAL SAFETY

6. When using the power tool, you must remain awake, focus on the operation and pay attention to the rationality of the operation. Tools should not be used in case of fatigue or use of drugs or alcohol.
7. Use safety equipment. Safety glasses must be worn. Use safety tools such as dust masks, non-skid safety shoes, hard hats, or hearing protection as needed to reduce the risk of injury.
8. Prevent accidental starting. Before plugging the plug into a power outlet, you must check that the switch on the tool is off. It is prone to accidents when the finger is pressed on the switch to move the power tool or when the switch is open to plug the tool into the power outlet.
9. The adjustment tool or key must be removed before starting the power tool. If the key or tool is left on the rotating part of the tool, it may cause injury.
10. Do not leave the power tool too far from the body during operation. You must be stable at all times to maintain your body balance. This allows better control of the power tool in case of accident
11. Keep hair, clothing and gloves away from moving parts. Jewelry, clothing, and long hair can get entangled in moving parts.

12. If you can connect the dust collector, be sure to connect and use it properly. These devices can reduce dust pollution.

USE AND MAINTENANCE OF TOOLS

13. Do not overload the power tool. Use the right power tool. Must be used within the load capacity specified by the tool.
14. Do not use power tools in case of switch failure. The power tool that can not be controlled by the switch is dangerous, it must be repaired.
15. Be sure to unplug the power plug or battery case before adjusting the tool, before replacing the accessory, or when the tool is not in use. Prevent accidental starting of power tools.
16. Do not allow children to access the power tool. Do not let people who are unfamiliar with power tools use these.
17. Maintain the power tools. Check if moving parts are aligned or stuck and parts are damaged. If it is damaged, it must be repaired before use.
18. Keep the drill sharp and clean. A well-maintained drill does not get stuck and is easy to control.
19. When using a power tool, follow the instructions in this manual, as well as the specific method of use, taking into account the working environment and the operation to be performed. A hazard occurs when the power tool is used for other purposes than the intended use.

USE AND MAINTENANCE OF CHARGERS

20. Make sure the switch is in the off position before inserting the battery. If the switch is in the open position, it is subject to accidents.
21. Use only the charger specified by the manufacturer to charge. There is a risk of fire due to the use of a mis-matched charger.
22. When not using the battery, move away from small metal objects such as coins, keys, nails, etc., to avoid a short circuit between the positive and negative poles.
23. Do not touch the liquid if the battery is ejected in case of damage. If you touch it accidentally, rinse it with water. If liquid gets into your eyes, consult a doctor immediately.

REPAIR

24. Repairs to power tools must be performed by qualified service personnel using the same accessories. This will ensure the safety of the power tool.
25. Please follow the instructions for lubricating and replacing accessories.
26. Keep the handle dry and clean to avoid grease and oil.

SAFETY RULES FOR CORDLESS DRILLS

1. If the tool has an auxiliary handle, use it. Loss of control of the tool can result in injury.
2. It may come into contact with hidden wires. When exposed to live wires, the exposed metal parts of the power tool can also be loaded. Hold the tool by the insulating surface.
3. wear a helmet, safety glasses or face mask. It is recommended to wear a dust mask and gloves.
4. make sure you are stable and that no one is underneath when you use the tool at a high point.
5. hold the tool with both hands.
6. keep hands away from moving parts.
7. the running tool should not be placed away from the hand and the tool can only be used with the tool by hand.
8. do not touch the drill immediately after use, it could be very hot.
9. wear a mask during operation to avoid inhalation of dust.

OPERATION

⚠ Warning:

- Be sure to completely lock the battery in place. Otherwise, the battery will accidentally fall and hurt you.

Hold the tool grip with one hand and the bottom of the battery pack with the other hand and hold the tool to avoid twisting.

Tighten the screw

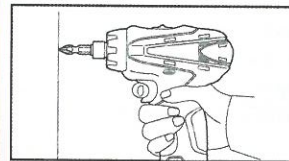
⚠ Warning :

- Based on your work. Choose an appropriate torque on the adjusting ring.

Place the wick on the head of the screw and apply a force on the tool. Please start the tool slowly and gradually increase the speed. Release the trigger as soon as the clutch is activated.

⚠ Warning:

- Check that the wick is inserted vertically into the screw head otherwise the screw and drill could be damaged.



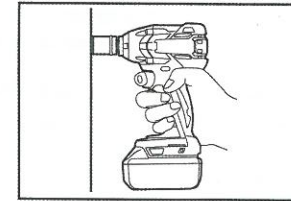
SAFETY RULES FOR WIRELESS IMPACT WRENCHES

1. When working, the cutting attachment may come into contact with hidden wires. When exposed to live wires, the exposed metal parts of the power tool can also be loaded. Hold the tool by the insulating surface.
2. Wear protective headsets
3. Carefully inspect the sleeve for wear, cracks, or damage before installation.
4. Hold the tool with both hands
5. Make sure you are stable and that no one is underneath when using the tool at a high point
6. The appropriate tightening torque may vary depending on the type or size of the bolt, the material to be fastened, etc. Use torque wrench to confirm the torque.

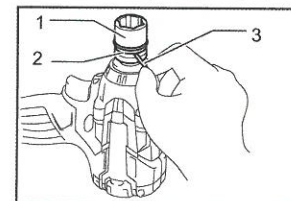
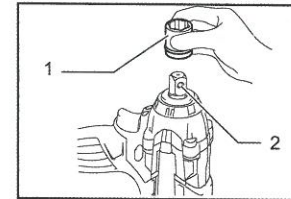
OPERATION

⚠ Warning:

- Be sure to fully charge the battery until you no longer see the red light. Otherwise, it could accidentally fall from the tool and injure you or others.



Hold the tool firmly and place the sleeve on the bolt or nut. Start the machine and start tightening with the correct tightening time. The torque may vary depending on the type or size of the bolt, the material to be fixed, etc. The tightening torque is as shown.

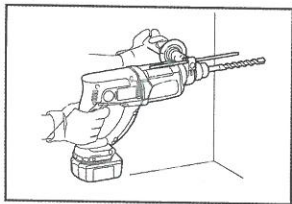


GENERAL SAFETY RULES FOR CORDLESS TOOLS

1. Wear safety headphones for your ears.
2. If the tool has an auxiliary handle, use it.
3. The tool may get in contact with hidden wires. Hold the tool while you work by the handle.
4. Wear a helmet, protective glasses and gloves while operating the tools.
5. Make sure that the drill is in place before manipulating it.
6. In normal mode, the tool vibrates, which can cause the screws to get loose and disturb your work. Make sure the screws are well screwed. Loose screws might be dangerous or disturb your work.
7. When it's cold or the tool hasn't been used in a while, please let it heat a little before use.
8. Make sure that you are on a stable surface and well-balanced before using the tool. Make sure nobody stands under you while you operate the tool.
9. Hold the tool with both hands.
10. Keep your hands far from the moving parts.
11. Keep your hands at a safe distance. Hand tools must only be held by a hand.
12. The tool needs to be pointing at your work while working, not pointing towards someone. Failure to do so may cause serious injuries.
13. Do not touch the drill immediately after use, it will be extremely hot.
14. Wear a mask while using the tool to prevent inhaling dust.

OPERATION

Impact drilling operation



Align the wick on the mark, then slowly drill. Do not force the tool. Hold the tool correctly. Do not force the tool while the hole is obstructed.

SAFETY RULES FOR CORDLESS GRINDER

1. Wear safety headphones for your ears or any other appropriate garment; hard hat, glasses, etc.
2. Hold the protection gear firmly.
3. With the proper grinding wheel, the speed of the grinding wheel must match that of the tool nameplate.
4. Be sure to check for cracks and damage to the wheel before handling it. If it is damaged, replace it immediately.
5. Follow the instructions in the instructions to properly install and use the wheel, use it carefully and store it in a safe place.
6. Do not change your grinder by yourself.
7. Only use accessories that are specific to the tool.
8. Do not damage the spindle or nut, otherwise the wheel itself will be damaged.
9. For tools using grinders with threaded holes, make sure the grinder thread is long enough to fit into the spindle.
10. Run the tool for 30 seconds without any charge. If the tool becomes unbalanced due to the eccentricity of the disc, stop using it immediately.
11. Verify if the tool is fixed.
12. Hold the tool firmly.
13. Keep your hands away from the moving parts.
14. Make sure the wheel and the workpiece are not touching before closing the switch.
15. Use the grinding wheel specified to do the grinding operation.
16. Do not use a cutting disc to do the molding operation.
17. Be careful of splashing and keep the use tools away from flammable materials.
18. Note that the grinding wheel will continue to rotate after closing the tool.
19. Do not touch the piece immediately after use, it could be very hot.
20. Do not use tools to treat materials containing asbestos.
21. Do not use water or grinding media.
22. The cutting disc must not be subjected to horizontal pressure.

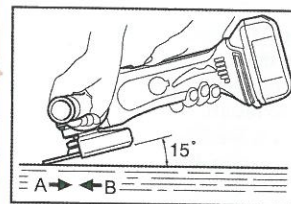
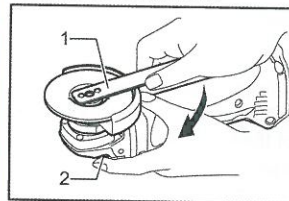
OPERATION

Warning

- Do not over force when using the tool as its weight can exert enough pressure. Excessive pressure can break and make the wheel dangerous.
 - If the tool falls during grinding, be sure to replace the disc.
 - Never hit the pieces and the grinder.
 - The wheel bounce phenomenon should be avoided to prevent the wheel from becoming uncontrollable.
 - It is strictly forbidden to use saw blades for this tool, which bounce frequently and may cause damage and injury.
- #### Warning
- The maximum depth of a cut is 5mm. Adjust the pressure on the tool so that the tool does not slow down during work.
 - When finished, be sure to close the tool and wait for the wheel to stop rotating completely before storing the tool.
 - If the tool continues to run while the battery is running, leave it for 15 minutes before recharging.

SANDING OPERATION

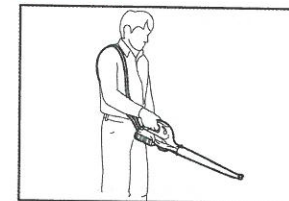
Place one hand on the outer casing and the other hand on the side handle to hold the tool. Start the tool and place the grinder or disc on the workpiece. Usually, the edge of the grinding wheel or disc should make an angle of about 15 degrees to the surface of the workpiece. Do not operate the wheel in direction B during the break-in period of the new wheel, otherwise the wheel will. Cut into the workpiece. When the edge of the grinding wheel is rounded, it can be used in direction A or B.



SAFETY RULES FOR THE CORDLESS BLOWER

1. Always wear glasses, hats and masks when using a blower.
2. When using a blower, never point the nozzle at anyone nearby.
3. Using a blower on a damp surface can cause an electric shock. Do not expose the tool to rain.
4. Do not block the air inlet and outlet
 - Do not block the air inlet and outlet when cleaning in a dusty environment.
 - Do not modify the blower nozzle.
 - Do not use the blower for rubber boats or similar objects.
 - Increasing the speed of the motor can damage a dangerous fan and cause injury. Overheating of the motor and control circuits can cause a fire.
5. Do not let children and pets access the blower during operation.
6. Do not operate the blower close to a window
7. It is recommended to operate the blower only at a reasonable time and not at times when people may be disturbed in the morning or late at night.
8. Before using the tool, shake some pieces with a broom.
9. When working in a dusty environment, it is recommended to slightly wet the surface or use a sprayer.
10. It is recommended to use an elongated nozzle so that the airflow can operate close to the ground.
11. This blower must be used by qualified people
12. Minors must be supervised by adults when using a blower
13. Do not insert your fingers or other objects into the air inlet or outlet

OPERATION



Hold the blower with one hand and move slowly to perform the purge operation. When purging buildings, boulders, or around vehicles, keep the nozzles away from them.

Please keep these instructions

Warning:

Carefully follow the safety rules for this product as improper use may result in serious injury.

SAFETY RULES FOR THE BATTERY

1. please read all instructions and warning symbols on the charger, battery and product using the battery before using the battery pack.
2. do not disassemble the battery.
3. if the operating time of the machine becomes too short, stop using it immediately, otherwise it may cause overheating, fire or even an explosion
4. if electrolyte comes into contact with your eyes, rinse them with clean water and consult a doctor immediately. Failure to do so may result in vision loss.
5. do not short the battery:
 - (1) do not touch any conductive material to the terminal
 - (2) avoid putting the battery pack with other metal objects such as nails, coins, etc.
 - (3) do not place the battery pack in water or let it rain. A short circuit in the battery generates a large current, causing overheating and can cause a fire.
6. do not place tools and batteries in locations where the temperature exceeds 50 °C (122 °F).
7. do not burn the battery even if it has been seriously damaged or exhausted. The battery will explode in the fire.
8. be careful not to hit the battery or drop it.
9. do not use a damaged battery.
10. please follow local regulations regarding the disposal of used batteries.

TIPS FOR MAINTAINING MAXIMUM BATTERY LIFE

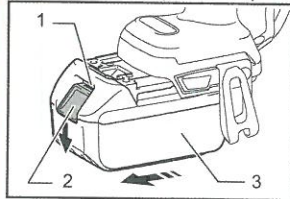
1. charge the battery in good time before it is completely drained. When the tool is too low, stop it and charge the battery.
2. do not charge a fully charged battery. Overcharging may shorten the life of the battery.
3. charge the battery pack at room temperature between 10 °C and 40 °C (50°F - 104 °F). please recharge once the hot battery has cooled down.
4. if you do not need to use the tool for a long time, please recharge the battery once every six months.

FUNCTION DESCRIPTION

Warning

Always turn off the tool and remove the battery before adjusting or checking the functions of the tool.

Installing or removing the battery



Warning

- Turn off the tool before installing or removing the battery pack.
- Hold the tool and battery when installing or removing the battery.

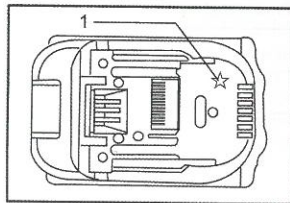
Otherwise, they may slip from your hands and damage tools and batteries.

When you remove the battery, press the button on the front of the battery, and then remove it from the tool.

When installing the battery, align the battery tab with the groove on the cover and push it into place. Insert it completely in place until the battery is locked and emits a sound. If the red light at the top of the button is still visible after insertion, the battery pack is not fully locked.

Warning:

- Be sure to fully charge the battery until you no longer see the red light. Otherwise, it could accidentally fall from the tool and injure you or others.
 - Do not force the installation of the battery. If the battery is difficult to insert, it may not be inserted properly.
- Battery protection system (lithium battery with star mark)



The lithium battery with a mark is equipped with a protection system. The system automatically shuts down the power of the tool to extend the life of the battery. When you work, the tool stops automatically if it is in the following situations:

- Overcharge

Use the tool to generate abnormal high currents. In this case, loosen the trigger on the tool and stop the operation that caused it to overload. Then, restart the trigger to restart, if the tool can not be started, the battery is overheating. In this case, wait until the battery cools down before triggering the trigger.

- Low battery voltage

The remaining battery is too weak and the tool does not work. In this case, remove the battery and charge it.

NOTES