

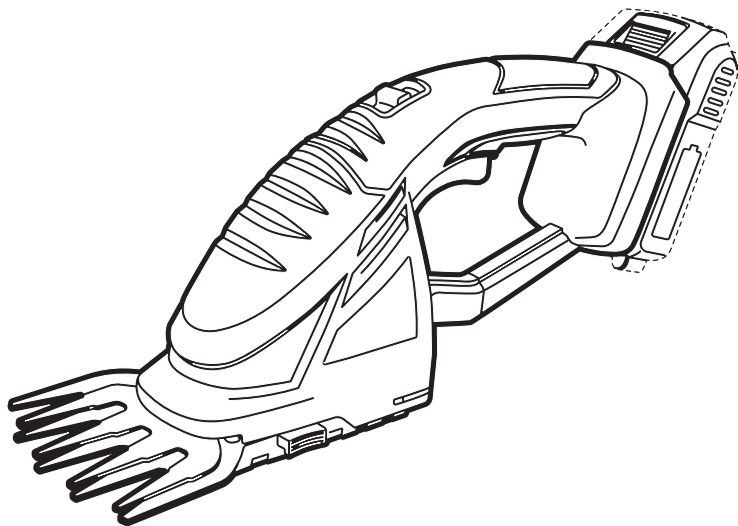
**Please, read this manual
carefully before use!**

Owner's Manual



Cordless grass shear & hedge trimmer

KS SHT-20V





Thank you for choosing **Könnér & Söhnen®** products. This manual contains a brief description of safety, setup and use. More information can be found on the official importer's website in the support section: **konner-sohnen.com/pages/instructions**

You can also go to the support section and download the manual by scanning the QR code or on the website of the official importer of **Könnér & Söhnen®** at **www.konner-sohnen.com**



*Please, read this manual
carefully before use!*

The manufacturer of **Könnér & Söhnen®** products reserves the right to make changes that may not be reflected in this manual, namely:

- The manufacturer reserves the right to make changes in the product design, configuration and construction.
- The images and drawings in this manual are for reference only and may differ from the actual components and inscriptions on the products.

Contact information that you are free to use in case of any problems can be found at the end of this manual. All information in this user manual is up-to-date as of the time of publication. The current list of service centers can be found on the official importer's website at **www.konner-sohnen.com**



ATTENTION – DANGER!



Failure to follow the recommendations marked with this sign may lead to serious injury or death of the operator or third parties.



IMPORTANT!



Useful information while operating the machine.

IMPORTANT SAFETY INFORMATION

1

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

WORK AREA SAFETY

- Keep work area clean and well lit. Clutter or darkness in the work area can cause 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 lead to loss of control over the tool.

ELECTRICAL SAFETY

- Power tool plugs must match the outlet. Never modify the plug in any way. Do not use adapter plugs with grounded power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
- Avoid body contact with grounded surfaces such as pipes, radiators, stoves, and refrigerators. Contact with grounded surfaces increases the risk of electric shock.
- Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- Do not pull or use the cord to carry, disconnect, or unplug the 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 a GFCI reduces the risk of electric shock.

PERSONAL SAFETY

- Stay alert, watch what you are doing, and use common sense when operating the power tool. Do not use the 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 a 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 a 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 increases the risk of 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 appropriately. 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 dust collection devices are provided, make sure they are properly connected and used.

POWER TOOL USE AND CARE

- Do not force the power tool. Use the correct power tool for your application. A properly selected tool works more efficiently and safely within the limits it was designed for.
- 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.

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 the 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.
- Improper use of the battery may cause fluid leakage; avoid contact with it. If contact occurs accidentally, rinse the affected area with water. If the fluid gets into the eyes, seek medical attention immediately. Battery fluid may cause irritation or burns.
- Do not use damaged or modified battery packs or tools. Damaged or modified batteries may behave unpredictably, which can lead to fire, explosion, or 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.

SERVICE

- Have your power tool serviced by a qualified repair person using only original replacement parts. This will ensure that the safety of the power tool is maintained.
- Follow instruction for lubricating and changing accessories.
- Keep handles dry, clean and free from oil and grease.

CORDLESS GRASS SHEAR SAFETY WARNINGS

2


ATTENTION – DANGER!


When using electric gardening appliances, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and personal injury, including the following:

- Remember that this device is always ready for use, as it does not need to be plugged into an electrical outlet.
- Do not operate appliances in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Appliances create sparks, which may ignite the dust or fumes.
- Avoid dangerous environment - Do not use appliances in damp or wet locations.
- Do not use or charge appliance in rain, or in wet locations.
- Keep children away - All visitors should be kept at a distance from the work area.
- Dress properly - Do not wear loose clothing or jewellery. They can be caught in moving parts. Use of rubber gloves and substantial footwear is recommended when working outdoors. Wear a protective head covering to secure long hair.
- Use safety equipment. Always wear eye protection. Dust mask, non-skid safety shoes, hard hat, or hearing protection must be used for appropriate conditions.
- Use the device for its intended purpose – do not use the device for tasks other than those it was designed for.
- Avoid unintentional starting - Do not carry appliance with finger on switch. Be sure switch is off before inserting the battery pack.
- Do not touch the exposed cutting blades or edges when lifting or holding the device.
- Do not force the appliance - It will do the job better and with less likelihood of a risk of injury at the rate for which it was designed.
- Do not overreach - Keep proper footing and balance at all times.
- Stay alert - Watch what you are doing. Use common sense. Do not operate appliance when you are tired.
- Store idle appliances indoors - When not in use, appliances should be stored indoors in a dry, and high or locked-up place out of reach of children.
- Maintain appliance with care - Keep cutting edge sharp and clean for best performance and to reduce the risk of injury. Follow instructions for lubricating and changing accessories. Inspect appliance cord periodically, and if damaged, have it repaired by an authorized service facility. Inspect extension cords periodically and replace if damaged. Keep handles dry, clean, and free from oil and grease.
- Check damaged parts - Before further use of the appliance, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other condition that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service centre, unless indicated elsewhere in this manual.
- A battery operated appliance with integral batteries or a separate battery pack must be recharged only with the specified charger for the battery. A charger that may be suitable for one type of battery may create a risk of fire when used with another battery.

- Use battery operated appliance only with specifically designated battery pack. Use of any other batteries may create a risk of fire.
- Remove adjusting keys or wrenches before turning the appliance on. A wrench or a key that is left attached to a rotating part of the appliance may result in personal injury.
- Do not use appliance if a switch does not turn it ON or OFF. An appliance that cannot be controlled with the switch is dangerous and must be repaired.
- Disconnect the battery before adjusting, changing accessories, cleaning, or storing the device. This reduces the risk of accidental startup.
- When the 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 sparks, burns, or a fire.
- Use only accessories that are recommended by the manufacturer for your model. Accessories that may be suitable for one appliance may create a risk of injury when used on another appliance.
- Appliance service must be performed only by qualified repair personnel. Service or maintenance performed by unqualified personnel may result in a risk of injury.
- When servicing an appliance, use only identical replacement parts. Follow instructions in the Maintenance section of this manual. Use of unauthorized parts or failure to follow Maintenance instructions may create a risk of shock or injury.
- Keep hands away from blades.
- Before cutting grass, remove foreign matter such as rocks and large sticks from the work area. Be careful not to catch foreign matter between blades, otherwise blades may be jammed. If this happens, switch the appliance off. Then remove the obstruction from the blades.
- When not in use, be sure to cover the blades with a blade cover.



ATTENTION – DANGER!



Do not allow comfort or familiarity with the device (gained from repeated use) to replace strict adherence to safety rules for this device. IMPROPER USE or failure to follow the safety instructions outlined in this manual may result in serious injury.

CORDLESS GRASS SHEAR SAFETY WARNINGS

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- Keep all parts of the body away from the cutter blade. Do not remove trimmed material or hold the material for cutting while the blades are in motion. Make sure the switch is off when clearing jammed material. The blades continue to move after being turned off. A moment of inattention while operating the grass shear may result in serious personal injury.
- Carry the grass shear by the handle with the cutter blade stopped. Proper handling of the grass shear will reduce possible personal injury from the cutter blades.
- Hold the power tool by insulated gripping surfaces only, because the cutter blade may contact hidden wiring. Contact between the blades and a live wire can cause exposed metal parts of the power tool to become energized, posing a risk of electric shock to the operator.
- DANGER - Keep hands away from blade. Contact with a blade will result in serious personal injury.
- Do not use the grass shear in the rain or in wet or very damp conditions. The electric motor is not waterproof.
- First-time users should receive instruction from an experienced tool user before starting work.
- The grass shear must not be used by children or young persons under 18 years old. Young persons over 18 years old may be exempted from this restriction if they are undergoing training under the supervision of an expert.
- Use the grass shear only if you are in good physical condition. If you are tired, your attention will be reduced. Be especially careful at the end of a working day. Perform all work calmly and carefully. The user is responsible for all damages to third parties.
- Never use the grass shear when under the influence of alcohol, drugs or medication.

- Work gloves of stout leather are part of the basic equipment of the grass shear and must always be worn when working with it. Also wear sturdy shoes with anti-skid soles.
- Before starting work, check that the tool is in proper safe working condition. Ensure that all safety devices are correctly installed. The tool should not be used if it is not fully assembled.
- Make sure you have a secure footing before starting operation.
- Hold the tool firmly when using the tool.
- Do not operate the tool at no-load unnecessarily.
- Immediately turn off the engine and remove the safety switch if the blades come into contact with a fence or any other hard object. Check the blades for damage, and if they are damaged, repair them immediately.
- Before checking the blades, troubleshooting, or removing stuck material, always turn off the shears and remove the safety switch.
- Switch off the grass shear and remove the safety switch before doing any maintenance work.
- When moving the grass shear to another location, always remove the safety switch and put the blade cover on the cutter blades. Never touch the blades with your hands.
- Clean the hedge grass shear and especially the blade after use, before putting the grass shear into storage for extended periods. Lightly oil the blade and put on the cover. The cover supplied with the unit can be hung on the wall, providing a safe and practical way to store the grass shear.
- Store the grass shear with the cover on, in a dry room. Keep it out of reach of children. Never store the grass shear outdoors.



ATTENTION – DANGER!



Do not allow comfort or familiarity with the device (gained from repeated use) to replace strict adherence to safety rules for this device. IMPROPER USE or failure to follow the safety instructions outlined in this manual may result in serious injury.



ATTENTION – DANGER!



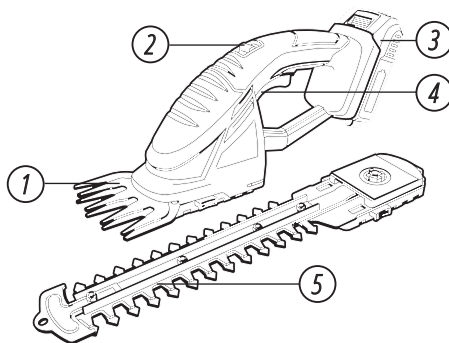
Do not store the tool and battery in locations where the temperature may reach or exceed 50 °C (122 °F).

- Follow your local regulations relating to disposal of battery.

MAIN OVERVIEW

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1. Grass shear
2. Lock-off button
3. Lithium battery (battery and charger are not included in the package).
4. Power switch
5. Hedge trimmer



IMPORTANT!



Manufacturer reserves the right to make changes and/or improvements in design, components set and technical attributes without notice and without incurring obligation. The pictures in this manual are schematical and may not match the parameters of original product.

SPECIFICATIONS

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| Model | KS SHT-20V |
|--------------------------------|--|
| Rated voltage | DC 20V |
| Cutting width (grass) | 92 mm |
| Cutting length (hedge trimmer) | 199 mm |
| Max cutting diameter | 7,5 mm |
| Noise level Lpa/Lwa | 75/96 dB |
| Vibration level | 1,98 m/s ² , K=1,5 m/s ² |
| Gross dimensions (L×W×H) | 400×130×153 mm |
| Net weight | 1,6 kg |

ASSEMBLY

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WARNING!



When replacing the shear blades, always wear gloves and attach the blade cover so that your hands and face do not directly contact the blades.



NOTE



When replacing the shear blades, do not wipe off grease from the gear and crank.

ASSEMBLE OR DISASSEMBLE THE BLADE



ATTENTION – DANGER!



The blades are sharp, be careful when changing them. Risk of personal injury.

DISMANTLING (Fig. 1)

Press the lock buttons and remove the accessory from the tool.

The drive becomes visible when the accessory is removed. Make sure that no dirt or foreign objects get into the drive when changing accessories.

ASSEMBLY

1. Press the lock buttons and fit the accessory onto the tool (fig. 2).
2. Release the lock buttons. The accessory is now firmly fixed on the tool (fig. 3)



Fig. 1



Fig. 2



Fig. 3

OPERATION

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The power tool is only intended to be used in private house and hobby gardens, and only in accordance with the manufacturer's instructions. The manufacturer cannot be held liable for any personal injury or damage to property resulting from improper use.



WARNING!



The power tool must not be used for shredding materials for composting.

STARTING/SWITCHING OFF

1. Turn on the device by first pressing the lock-off button forward, then pressing the power switch.
2. Release the power switch to switch it off.



NOTE



Before starting to work, clear the work area from any stones or other solid objects that can damage the blades.

LAWN TRIMMING

- For best results, the lawn should not be wet.
- Let the trimmer glide along the ground.
- Sharpen the blades as soon as the results of the trimming deteriorate.

HEDGE TRIMMING

- The tool can be used to trim small hedges and bushes.
- Hold the hedge trimmer at a slight angle in the direction you want to trim the hedge. Trim the sides of the hedge, from below and up, and trim the top last.
- Watch out for foreign objects in or on the hedge – there's a risk of damaging the blades.

CLEANING AND MAINTENANCE

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WARNING!



Turn off the tool and remove the battery before performing any maintenance!

- Keep the safety devices, ventilation openings and the motor housing free from dust and dirt. Wipe the tool clean with a clean cloth, or carefully blow clean with compressed air.
- It is always best to clean the tool immediately after use.
- Clean the tool regularly with a cloth moistened with a soap solution. Do not use detergent that contains solvents or corrosive or abrasive additives - there is a risk of damaging the surface of the tool. Make sure that no water gets into the tool.
- Lubricate the blades with a few drops of thin oil (e.g., sewing machine oil) for better functionality and performance. Remove grass and dirt residue between the upper and lower blades to maintain optimal performance and precise trimming.
- Keep the blades sharp and in good condition. The blades can be sharpened with a sharpening stone. It is especially important to remove nicks and burrs caused by stones and other foreign objects.
- The tool has no internal parts that can be maintained by the user.



WARNING!



Never clean power tools with running water, pressure washers, or similar methods – this can cause injury or damage. Store the tool in a dry, frost-free, and well-ventilated place, out of reach of children.

The international manufacturer warranty is 1 year. The limited warranty starts from the date of retail purchase by the end user. Make sure to keep your receipt during the whole warranty period. This product is not intended for commercial use. The warranty doesn't cover: chargers for Lithium batteries, bulbs, fuses, accessories as well as normal wear and other exclusions listed below (which applicable for this group of products). This product is not intended for commercial use.

All parts replaced under warranty become the property of Könnér & Söhnen or it's official representative. All parts replaced under warranty will be considered as part of the original product, the warranty on those parts will expire coincident with the original product warranty.

The warranty period begins when the product is delivered to the purchaser. This warranty is non-transferable, it's valid to the original purchaser only. Könnér & Söhnen may choose to repair, replace or refund the power equipment at its sole discretion.

WARRANTY EXCLUSION

- The user has failed to comply with the instructions in this manual.
- The product has damaged or missing identification stickers or labels, serial numbers, etc.
- Product malfunction was due to improper transportation, storage and maintenance.
- In case of mechanical damage (cracks, chips, impact or fall marks, deformation of the housing, power cord, plug, or any other components), if foreign objects are found inside the unit.
- Proper operation of the product can be restored by cleaning off dust and dirt, making necessary adjustments, and performing maintenance.
- Faults were caused by product overload.
- If electrical cables or plugs show signs of mechanical or thermal damage.
- In case of foreign liquids and objects, metal chips, etc. inside the product are found.
- The damage caused by natural factors such as dirt, dust, humidity, high or low temperature, failures due to acts of God or natural disasters, which are beyond manufacturer's control (such as earthquake, tornado, fire, war, earthquake, etc.)
- Normal wear parts and accessories (fuses, bulbs, keys, buttons, plastic and rubber parts, chargers for Lithium batteries, filters and consumables, etc., as well as normal wear)
- Preventive maintenance (cleaning, washing), installation and adjustment.
- The product was modified or altered.
- In case of malfunctions resulting from normal wear and tear as a result of long-term use (end of life), cosmetic defects.
- Product operation was not stopped and continued after detecting a malfunction.



EC Declaration of Conformity

Nr. 220

The following products have been tested by us with the listed standards and found in compliance with the European Community Machinery Directive 2006/42/EC, Electromagnetic compatibility Directive (EMC) 2014/30/EC, Noise Directive 2000/14/EC.

Manufacturer: DIMAX INTERNATIONAL GmbH
Address: Flinger Broich 203, 40235 Duesseldorf, Germany
Product: Cordless grass shear & hedge trimmer "Köner & Söhnen"
Type / Model: KS SHT-20V

The statement is based on a single evaluation of above mentioned products. It does not imply an assessment of the whole production and does not permit the use of the test lab. logo. The manufacturer should ensure that all product in series production are in conformity with the product sample detailed in this report. The applicant should hold the whole technical report at disposal of the competent all the right.

Applied EC Directives: 2006/42/EC Machinery Directive
2014/30/EC Electromagnetic compatibility Directive
2000/14/EC Noise Directive

Applied Standards: EN IEC 55014-1:2021
EN IEC 55014-2:2021,
EN 60335-1:2012+A11+A13+A1+A14+A2+A15
EN 50636-2-94:2014, EN 60745-1:2009+A11,
EN 60745-2-15:2009+A1
EN 62233: 2008
EN ISO 12100:2010,
EN 60335-1:2012+A11+A13+A1+A14+A2+A15
EN 50636-2-94:2014, EN 60745-1:2009+A11,
EN 60745-2-15:2009+A1
EN 62233:2008
EN ISO 12100: 2010

2000/14/EC_2005/88/EC Annex VI

For model KS GST-20V Noise measured Lwa = 91 dB (A), guaranteed Lwa = 96 dB (A)



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DIMAX

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We DIMAX INTERNATIONAL GmbH hereby declare that specified above conforms covering European Parliament and Council Directives, 2006/42/EC of 17 May 2006 Machinery Directive, Electromagnetic compatibility Directive (EMC) 2014/30/EC of 26 February 2014, Noise Directive 2000/14/EC of 8 May 2000. The CE mark above can be used under the responsibility of manufacturer. After completion of an EC declaration of Conformity and compliance with all relevant EC directives.

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