

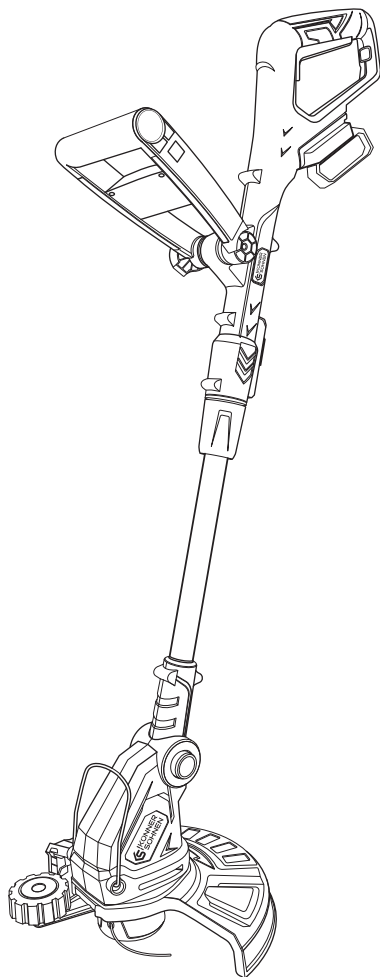
**Please, read this manual
carefully before use!**

Owner's Manual



Cordless string trimmer

KS GT-20V





Thank you for choosing **Könnner & 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/manuals**

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 **Könnner & Söhnen®** at **www.konner-sohnen.com**



*Please, read this manual
carefully before use!*

The manufacturer of **Könnner & 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

WORK AREA

- Keep the work area clean and well lit. Cluttered areas and poor lighting can lead to 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 or unauthorized individuals away from the work area, while working with power tools. Distractions can cause you to lose control.

ELECTRICAL SAFETY

- Do not store or use power tools in wet conditions (rain, snow). Water entering a power tool will increase the risk of electric shock.

PERSONAL SAFETY

- Do not operate tool when you are tired or under the influence of drugs, alcohol or medication.
- Use safety equipment. Always wear eye protection. Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection will reduce personal injuries.
- Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- 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.

POWER TOOL USE AND CARE

- Store idle power tools out of the reach of children.
- Keep the power tool in good working condition.

ADDITIONAL SAFETY WARNINGS FOR BRUSH CUTTERS

2

- Avoid Unintentional Starting. Do not carry battery-installed equipment with finger on switch. Be sure switch is off when installing a battery cartridge.
- If there are any issues with the trimmer or it is not functioning properly, turn off the electric motor immediately.
- Switch off and remove the battery cartridge when resting and when leaving the equipment unattended, and place it in a safe location to prevent danger to others or damage to the equipment.
- Do not apply excessive force to the tool. The job will be done better and more safely at the recommended speed of the tool.
- Don't overreach. Keep proper footing and balance at all times.

CHECK BEFORE STARTING

- Always remove the battery to prevent the machine being started by accident. Always disconnect the battery before any maintenance on the machine.
- Before using the machine and after any impact, check for signs of wear or damage and repair as necessary.
- Inspect the working area. Remove all loose objects, such as stones, broken glass, nails, steel wire, string, etc. that could be thrown out or become wrapped around the cutter or cutter guard.

PERSONAL SAFETY

- The cutting tool does not stop immediately after the machine is turned off.
- The machine is designed only for use as a brush cutter/grass trimmer. Do not use the brush cutter/grass trimmer for any purpose other than its intended use.
- Store the tool in a locked place, out of reach of children and unauthorized persons.
- Keep hands and feet away from the cutting area at all times and especially when switching on the motor.




POWER TOOL USE AND CARE





- Only use original spare parts.
- Always ensure that ventilation openings are kept clear of debris.
- All covers, guards and handles must be fitted before starting.
- Only use the machine in daylight or in other well-lit conditions.
- Never use the machine in bad weather, such as fog, rain, damp or wet conditions, strong winds, extreme cold, risk of lightning, etc. Extremely hot weather may cause the machine to overheat.

SYMBOLS

3

Some of the following symbols may be used on this product. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the product better and safer.

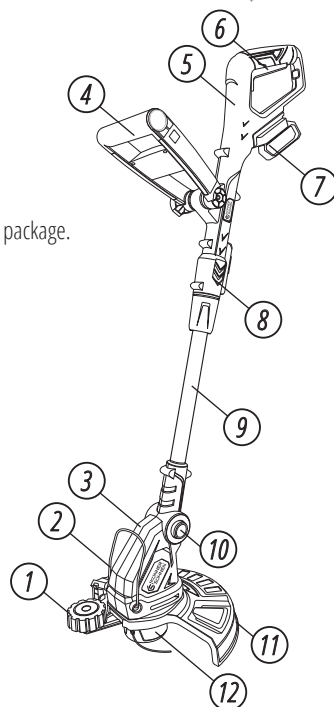
	Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.
	Wear personal protective equipment. Basically, wear protective goggles or, even better, face protection, ear protection, safety helmet, cut-protection working clothes, cut-protection safety boots with anti-slip soles.
	Beware of falling objects. Keep unauthorized persons away from the work area.

	Keep the equipment away from nearby people. Keep unauthorized individuals away from the work area.
	Do not use the machine in the rain or leave it outdoors when it is raining.
	Guarantee sound power level.
	This product must not be disposed of with regular domestic waste.

MAIN OVERVIEW

4

1. Wheel
2. Limiting arc (2 positions)
3. Motor housing with angle adjustment (5 positions).
4. Rotary handle with quick release clip
5. Rubber anti-slip handle with switch unlock button
6. ON/OFF switch
7. Lithium battery (battery and charger are not included in the package).
8. Height-adjust collar
9. Telescopic tube
10. Angle adjustment holder for the tube
11. Protection guard
12. Spool
13. Phillips screw
14. Latch (spool cap)
15. Line outlet loop
16. Spring
17. Slot (spool)
18. Locking button (spool)
19. Line cutter
20. Blade holder
21. Cutting insert
22. Screw, nylon blade
23. Pin, nylon blade



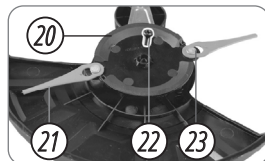
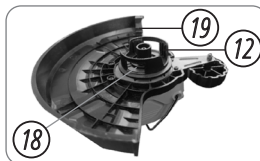
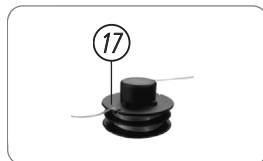
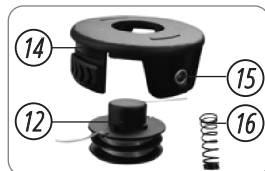
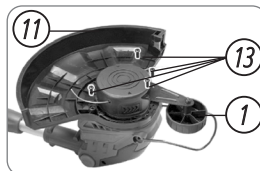
IMPORTANT!



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.

PACKAGE CONTENT LIST

- Cordless string trimmer
- 2× line spools (1 already mounted)
- Blade storage box
- Protection guard
- Distance roller
- Auxiliary handle
- 4 Phillips screws



WARNING!



Packaging materials are not toys! Children must not play with plastic bags! Danger of suffocation!

SPECIFICATIONS

5

Model	KS GT-20V
Rated voltage	DC 20V
Possible battery capacity	2,0 – 4,0 Ah
Battery and charger	not included
Max cutting width (spool)	250 mm
Max cutting width (cutting disc)	220 mm
Line length	4 m
Line diameter	1,6 mm
No load spool speed	8500 rpm
Protection class	III
Protection category	IPX0
Gross dimensions (L×W×H)	950×200×250 mm
Net weight	1,95 kg

ASSEMBLING INSTRUCTIONS

6



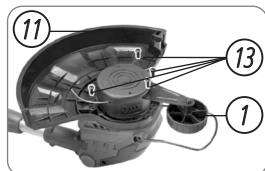
ATTENTION – DANGER!



Remove the rechargeable battery from the device before assembly. Insert the rechargeable battery only once the device is completely assembled. There is a risk of injury!

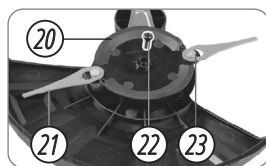
MOUNTING THE PROTECTIVE COVER:

1. Place the protective cover (11) on the trimmer head (3) and fasten it using the two Phillips screws (13).
2. Place the distance roller (1) on the protective cover (11) and fasten it using the two Phillips screws (13).



MOUNTING THE TRIMMING UNIT:

3. Slip the blade holder (20) onto the axle. There is only one mounting position. Screw the blade holder (20) to the axle. Take note: The screw is a left-handed thread and should be turned anti-clockwise to tighten and clockwise to loosen. Please ensure that the screws (22) are properly tightened. Place the cutting insert (21) on the pin (23) and pull out until it snaps in. Repeat the process with the two plastic blades (21).



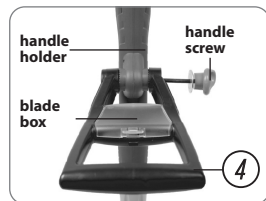
IMPORTANT!



Spare cutting inserts are kept in the box on the auxiliary handle (4).

TO PUT ON THE AUXILIARY HANDLE:

4. Unscrew and remove the previously installed screw of the additional handle (4).
5. Pull the ends of the auxiliary handle (4) to extend the handle and slide it over the handle holder. The holder for the cutting insert points upwards. The storage box for your plastic blade must point upwards.
6. Screw down the screw in the auxiliary handle (4).



INSTALLING AND REMOVING THE BATTERY PACK FROM THE APPLIANCE

7



WARNING!



Make sure the lock-off button is not activated to prevent switch from turning on before removing or installing the battery.

TO INSTALL BATTERY PACK

Insert the battery into the device until you hear a clicking sound. Ensure battery pack is fully seated and fully latched into position.

TO REMOVE BATTERY PACK

Depress the battery release button and pull battery pack out of appliance.



WARNING!



Before assembly make sure that the appliance is switched off and the battery has been removed. Assembly tools required (not supplied).

- Screwdriver

OPERATION

8



ATTENTION – DANGER!



Risk of injury! Do not operate the appliance without the protective cover. To operate the appliance, wear suitable clothing, eye, and ear protection. Prior to every use, check that the appliance is operative. Do not block the ON/OFF switch or the switch lock. They must reliably turn OFF the motor when you release the switch. Do not operate the appliance if one of the switches is damaged.



IMPORTANT!



Please observe local regulations concerning noise protection.

TURNING ON/OFF



WARNING!



Maintain a firm stand and hold the appliance well with both hands and some distance from your body. Before turning on the appliance, check that it will not touch any objects.

1. To turn on the device, press the switch lock with your thumb, then press the switch button (6). Release the switch lock.
2. To turn off the device, release the on/off switch (6). The continuous operation mode is not available.



ATTENTION – DANGER!



After turning OFF the appliance, the trimming assembly will keep revolving for some time. Allow the trimming assembly to come to a standstill. Keep hands and feet away. Risk of injury!



WARNING!



Remove grass cuttings regularly from the spool to make sure that cutting is not impaired.

TRIMMER SETTINGS

To adjust the auxiliary handle (Fig. 1):

The auxiliary handle can be set to various positions.

1. Loosen the screw in the handle and move the auxiliary handle (4) to your favorite position. Tighten the screw in the handle. The latching steps integrated into the holder prevent the handle changing position unintentionally.

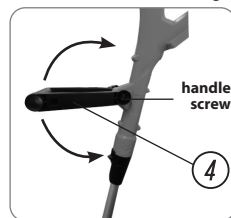


Fig. 1

To adjust the height (Fig. 2):

The telescopic shaft allows you to adjust the appliance to your personal size.

2. Loosen the threaded bush. Adjust the telescopic shaft (9) to the correct length and tighten the threaded bush.

To adjust the cutting angle (Fig. 3):

Changing the cutting angle lets you trim grass at places that are difficult to reach, e.g. under benches or wall offsets.

3. Press Flip-to-edge collar (10) on the motor housing and tilt the telescopic shaft (9). There are 6 preset tilt angles (see "Work instructions").

Function as a lawn trimmer:

Cutting angle position 1 - 6 (rotary position 0°)

Function as a lawn edge trimmer:

Cutting angle position 6 (rotary position 90° or 180°)

To adjust the handle rod (Fig. 4):

The handle rod can be turned by 90° and 180° (see "Work instructions").

4. Press the latch to release the lock and rotate the handle section 0° – 180° until it latches into the desired position.



ATTENTION – DANGER!

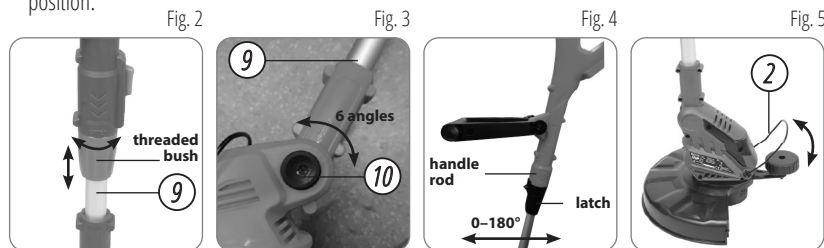


Leave the handle in the 0°-position when using the device as a lawn trimmer in the cutting angle positions 1-6. The protective cover must not be pointing away from the user. Risk of injury!

To adjust the extended limiting arc (Fig. 5):

The extended limiting arc keeps the trimming assembly away from plants and trunks not to be cut.

5. Fold down the distance bracket (2). If the distance bracket is not required, fold it up into the park position.



Extend the cutting line (Fig. 6):

Your device is equipped with a dual-line auto-feed mechanism. To do this, you need to turn on the trimmer and briefly press the head against the ground, after which the line will extend automatically. The length of the line is automatically adjusted during operation, and the ends are trimmed by the blade on the protective cover.



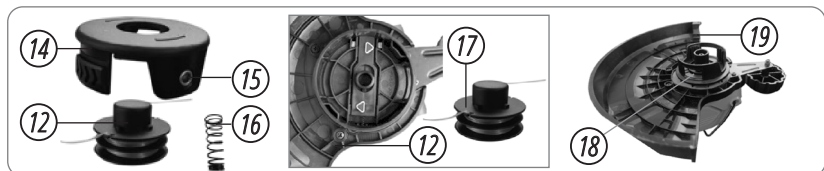
IMPORTANT!



Check the nylon line regularly for damage and make sure the cutting line still has the length specified by the thread cutter.

- If no line ends are visible: Replace the spool (12) (see "Maintenance").
- Setting the line length manually: remove the battery from the device! Lightly pull on the thread ends and press the locking button (18) repeatedly if necessary until the thread ends protrude beyond the line cutter (19).

Fig. 6



OPERATING THE TRIMMER

9



ATTENTION – DANGER!



Danger of injury!

- Do not cut moist or wet grass.
- Before starting the unit, make sure that the spool is not touching any stones, scree, or other foreign objects.
- Switch on the trimmer before you approach the grass that is to be cut.
- Do not overload the trimmer during operation.
- Avoid contact with obstacles (stones, walls, fences, etc.). The nylon thread on the spool would wear out quickly.
- Avoid using the device in bad weather, especially if there is a danger of lightning!

Fig. 7



CUTTING GRASS (Fig. 7)

Cut the grass by swaying the trimmer sideways to the right and left. Cut slowly while the trimmer is tilted forward by approx. 30°. Cut tall grass by a series of levels from top to bottom.

LAWN EDGE TRIMMING

Setup for edge trimming:

To trim lawn edges, slowly move the appliance along the lawn edges.

- Handle rod: 90° or 180° (see fig. 8)
- Cutting angle position 6 (see fig. 9)
- Limitating arc in the parking position.

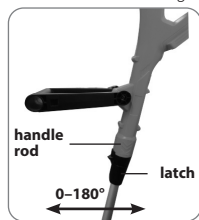


Fig. 8

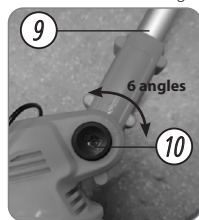


Fig. 9

MAINTENANCE

10

- Prior to every use, check the appliance for obvious defects such as loose, worn, or damaged parts. Ensure that screws in the cutting device are firmly in place.
- Check covers and safety devices for damages and correct installation. Replace as necessary.

REPLACING THE CUTTING INSERT

1. Slide the cutting insert (21) inward and push it out of the pin (22).
2. Place the new cutting insert (21) on the pin (22) and pull out the insert until it snaps in.



WARNING!



Risk of injury from moving dangerous parts!

Contact our Service Centre about repairs and servicing not described in this manual. Only use OEM parts. Risk of injury!

Turn OFF the appliance and, before doing any servicing, remove the battery.

The following cleaning and servicing should be done regularly. This will ensure a long and reliable service life.

CLEANING



ATTENTION – DANGER!



Do not spray the appliance with water and do not immerse it in water. Electric shock hazard!

- Keep clean the ventilation slots, motor housing, and handles of the appliance. Use a damp cloth or a brush. Do not use cleaning agents or solvents, as they may cause irreparable damage to the device.
- After every trimming session, remove grass and soil from the protective cover and the trimming assembly.
- To thoroughly clean the trimming assembly, remove the cutting insert (21) (see "Replacing the cutting insert") and use a sharp knife to clean the pin (23).

REPLACING THE SPOOL (Fig. 6)



NOTE



The rotation direction of the spool is indicated in the spool cap (see fig 6) on the spool.

1. Remove the battery (7) from the device.
2. Open the spool cap by simultaneously pressing the two releases on the spool cap.
3. Remove the cover of the spool cap and take out the line spool (14).
4. Press the thread ends of the new spool out of the spool slots (17).
5. Insert the new spool into the spool cap. The side of the spool on which the rotation direction is indicated by arrows must be visible after insertion.
6. Insert both ends of the thread through the opposite line outlet loops (15).
7. Put the back on the spool cap. Make sure that the latches (14) are on the spool cap. They will snap in noticeably.
8. Pull on the line ends and press the locking button (18) repeatedly until the line ends protrude approx. 1 cm beyond the line cutter (19).



NOTE



Check the line cutter (19). Never use the device without a line cutter or with a defective line cutter. If the line cutter is damaged, be sure to contact one of our customer service centers.

WINDING UP THE SPARE THREAD

1. Thread the end of the spare line through the opening in the spool (12).
2. Wind the thread in the threading direction of the spool (12). Follow the arrows on the top of the spool (12).

STORAGE

- Store the trimmer in a dry place well out of reach of children.
- Do not stand the trimmer on its protective cover. Suspend it by its upper handle in such a manner that the protective cover does not come into contact with other objects. This is because the protective cover could become deformed, thereby changing its dimensions and its safety properties.

DISPOSAL AND PROTECTION OF THE ENVIRONMENT

Remove the battery from the device and take the device, battery, accessories, and packaging for environmentally friendly recycling.



Machines do not belong to domestic waste.

- Return the unit to a recycling center. The plastics and metals in the unit can be sorted and appropriately recycled. Ask our Service Centre for details.
- Defective units returned to us will be disposed of for free.
- Throw the cut grass on the compost. Do not throw it in the normal household waste.

TROUBLESHOOTING

11

Problem	Possible cause	Corrective action
Appliance does not start	Battery (7) discharged	Recharge battery (observe the separate operating instructions for the rechargeable battery and charger)
	Battery (7) is not in	Insert battery (observe the separate operating instructions for the rechargeable battery and charger)
	ON/OFF switch (6) defective	Send into Service Centre for repair
	Motor defective	
Intermittent operation	Internal loose contact	Send into Service Centre for repair
	ON/OFF switch (6) defective	
Much vibration loud noise	Trimming assembly dirty	Clean trimming assembly (see "Maintenance")
	Motor defective	Send into Service Centre for repair
Bad trim	The line spool (does not have enough cutting line)	If necessary, extend the cutting line (see chapter "Assembling instruction") Replace the spool (see "Maintenance")
	Both or one of the cutting lines is not protruding from the spool (12).	Remove the spool and feed the cutting line through the openings to the outside, then reinstall the spool.
	Trimming assembly dirty	Clean trimming assembly (see "Maintenance")
	Battery (7) not fully charged	Recharge battery (observe the separate operating instructions for the rechargeable battery and charger)

The international manufacturer warranty is 1 year. Limited warranty, and 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 Könnert & Söhne 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. Könnert & Söhne 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 features damaged or missing identification stickers or labels, serial numbers, etc.
- Product malfunction was due to improper transportation, storage and maintenance.
- In case of mechanical damages (cracks, chips, impact and fall marks, deformation of housing, power cord, plug or any other components), provided there are foreign objects inside the unit.
- Proper operation of the product can be restored following cleaning from dust and dirt, appropriate adjustment, maintenance, etc.
- Faults have been caused by product overload.
- If electrical cables or plugs show signs of mechanical or thermal damage.
- In the event 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. 218

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 string & blade grass trimmer "Könner & Söhnen"
Type / Model: KS GT-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 ISO 3744: 1995
ISO 11094: 1991
EN IEC 55014-1:2021
EN IEC 55014-2:2021
EN 60335-1:2012+A11+A13+A1+A14+A2+A15
EN 62233:2008

2000/14/EC_2005/88/EC Annex VI

For model KS GT-20V Noise measured Lwa = 90 dB (A), guaranteed Lwa = 96 dB (A)



Issued Date: 2025-01-08
Place of issue: Duesseldorf
Director: Fomin P.

2025-01-08
Duesseldorf
Fomin P.

P. Fomin

DIMAX

International GmbH
Flinger Broich 203 40235 Düsseldorf
USt-ID DE296177274
koenner-soehnen.com

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.

CONTACTS

Deutschland:

Hergestellt unter Lizenz und Kontrolle der
DIMAX International GmbH.

Importeur und Vertreter in Deutschland:
DIMAX International GmbH Flinger Broich 203, 40235
Düsseldorf, Deutschland. Produziert in VRC.

innovationtrade8@gmail.com

www.konner-sohnen.com/de

European Union:

Manufactured under license and control of DIMAX
International GmbH, Flinger Broich 203, 40235
Duesseldorf, Germany.

Importer and representative in Netherlands DIMAX
International Poland Ltd, Południowa 8 st,
05-830 Stara Wieś, Poland. Assembled in PRC.

innovationtrade8@gmail.com

www.konner-sohnen.com

France:

Fabriqué sous licence et contrôle de DIMAX
International GmbH, Flinger Broich 203, 40235
Düsseldorf, Allemagne.

Importateur et représentant en France et en Belgique
DIMAX International Poland Ltd, Południowa 8 st,
05-830 Stara Wieś, Pologne. Assemblé en RPC.

innovationtrade8@gmail.com

www.konner-sohnen.com/fr

España:

Fabricado bajo licencia y control de DIMAX
International GmbH, Flinger Broich 203, 40235
Düsseldorf, Alemania.

Importador y representante en España de DIMAX
International Poland Ltd, Południowa 8 st,
05-830 Stara Wieś, Polonia.

Ensamblado en la República Popular China.

innovationtrade8@gmail.com

www.konner-sohnen.com/es

Polska:

Wyprodukowano na licencji i pod kontrolą DIMAX
International GmbH, Flinger Broich 203,
40235 Duesseldorf, Niemcy.

Importer i przedstawiciel w Polsce:
DIMAX International Poland Sp.z o. o. ul. Południowa 8,
05-830 Stara Wieś, Polska. Zmontowany w CRL.

innovationtrade8@gmail.com

www.konner-sohnen.com/pl

Україна:

Виготовлено за ліцензією та під контролем
DIMAX International GmbH, Flinger Broich 203,
40235 Дюссельдорф, Німеччина.

Імпортер та представник в Україні:
ТОВ "ТЕХНО ТРЕЙД КС" вул. Електротехнічна 47,
02232, м. Київ, Україна. Змонтовано в КНР

www.konner-sohnen.com/ua