

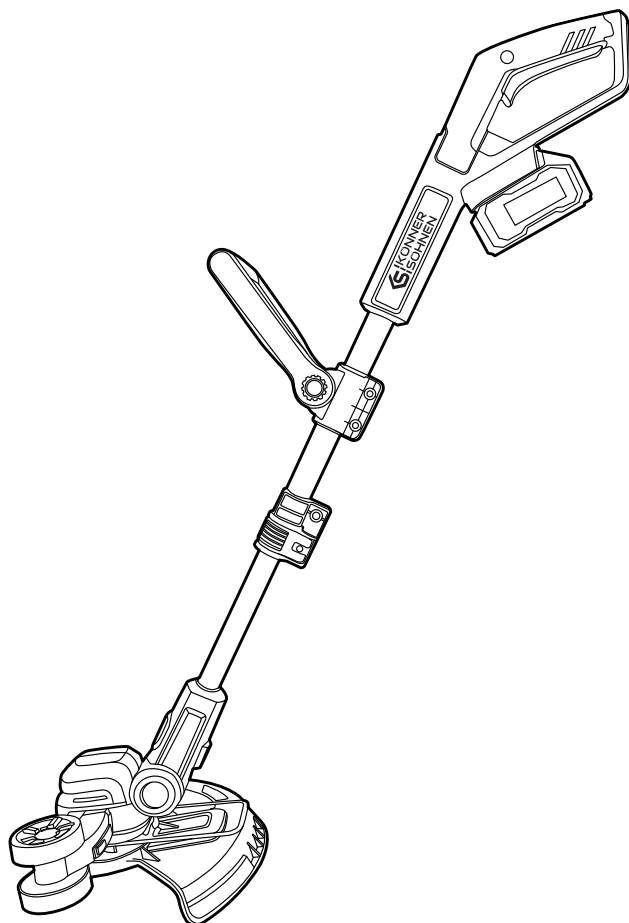
**Please, read this manual
carefully before use!**

Owner's Manual



Cordless string trimmer

KS CST-20V





Thank you for opting for **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/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 **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 manual is correct to the best of our knowledge and belief at the date of its 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 and dark areas invite accidents.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks, which may ignite the dust or fumes.
- Keep children 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.
- Maintain power tools.

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.
- The motor is to be switched off immediately in case that the equipment shows any problem or abnormal sign.
- 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.
- Don't force the equipment. It will do the job better and with less likelihood of a risk of injury at the rate for which it was designed.
- 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 only design for brush/trimmer . Do not use the Brush cutter/grass trimmer for any job except that for which it is intended.
- Store the equipment in a lockable area so that it is 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, for instance in fog, in rain, damp or in wet locations, strong winds, intense cold, risk of lightning, etc. Extremely hot weather may cause overheating of the machine

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.

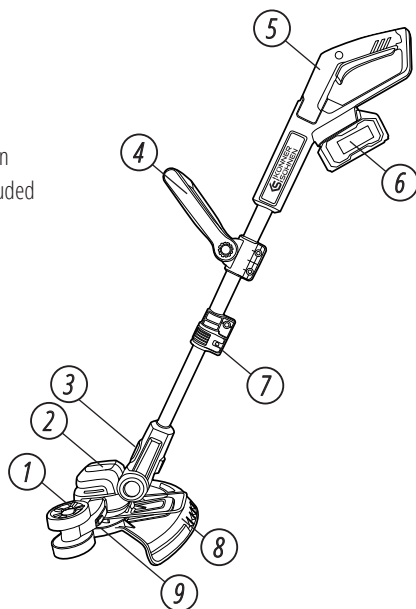
	Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.
	Wear personal protective equipment. Basically, wear protective goggles or, even better, face protection, ear protection, safety helmet, cut-protection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

	Keep the equipment away from nearby people. Keep bystanders away.
	Not allowed to use with round disk
	Do not use the machine in the rain or leave it outdoors when it is raining.

MAIN OVERVIEW

4

1. Wheels
2. Working head (angle adjustment 2 positions)
3. Flip-to-edge collar
4. Rotary handle with quick release clip
5. Rubber anti-slip handle with switch unlock button
6. Lithium battery (battery and charger are not included in the package.
7. Height-adjust collar
8. Protection guard
9. Spool



PACKAGE CONTENT LIST

- String trimmer
- Protection guard
- Spool with 2,5 m trimming line



WARNING!



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



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.

Model	KS CST-20V
Rated voltage	DC 20V
Possible battery capacity	2,0 – 4,0 Ah
Battery and charger	not included
Max cutting width (spool)	300 mm
Line length	2,5 m
Line diameter	1,8 mm
No load spool speed	8000 rpm
Gross dimensions (L×W×H)	930×220×150 mm
Gross weight	3,3 kg

INSTALLING AND REMOVING THE BATTERY PACK FROM THE APPLIANCE

6



WARNING!



Make certain the lock-off button is not engaged to prevent switch actuation before removing or installing battery.

TO INSTALL BATTERY PACK

Insert battery into appliance until an audible click is heard. 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!



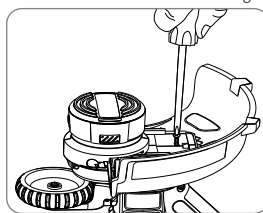
Before assembly make sure that the appliance is switched off and the battery has been removed. Assembly tools required (not supplied).

- Screwdriver

INSTALLING THE GUARD

- Using a screwdriver, insert the guard screw and tighten securely as shown in (Fig. 1) to complete the guard assembly.
- Once the guard is installed, remove the covering from the line cut-off blade, located on the edge of the guard.
- Push the handle completely onto the housing and position it slightly until it "snaps" into place.

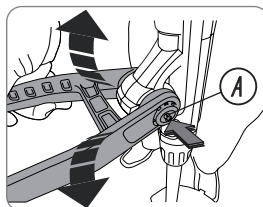
Fig. 1



HEIGHT ADJUSTMENT

- To adjust the handle up or down, press in on the button (A) and raise or lower the handle (Fig. 2).
- The handle should be adjusted so that your front arm is straight when the trimmer is in the working position.

Fig. 2



IMPORTANT



Adjust the length of the trimmer to obtain proper working positions shown in (Fig. 3A, 3B, 3C, 3D).

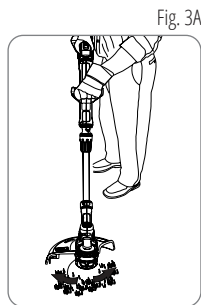


Fig. 3A



Fig. 3B

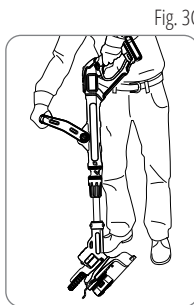


Fig. 3C

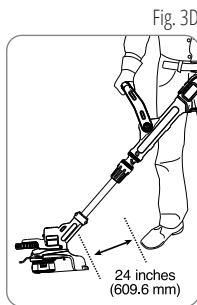


Fig. 3D

- The overall height of the trimmer can be adjusted by loosening the height-adjust collar (A) by rotating it in the direction of the arrow shown in (Fig. 4).
- Move the upper housing straight up or down. When the desired height is achieved, tighten the collar by rotating it opposite of the direction shown in (Fig. 4).

RELEASING THE CUTTING LINE

In transit, the cutting line is taped to the spool housing.

- Remove the tape holding the cutting line to the spool housing.

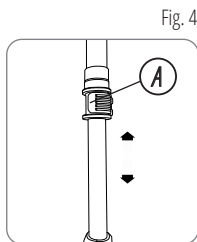


Fig. 4

OPERATION

7



WARNING!



Always use proper eye protection while operating this appliance.



ATTENTION – DANGER!



Remove the battery before making any assembly, adjustments, or changing accessories. Such preventive safety measures reduce the risk of starting the trimmer accidentally.



IMPORTANT!



Before you begin trimming, only use the appropriate type of cutting line.



IMPORTANT!



Inspect area to be trimmed and remove any wire, cord, or string-like objects which could become entangled in the rotating line or spool. Be particularly careful to avoid any wire which might be bent outwardly into the path of the appliance, such as barbs at the base of a chain link fence.

OPERATING THE TRIMMER

- To switch the appliance on, push the lock-off button, and squeeze the trigger .
- To switch the appliance off, release the trigger.
- With the unit on, angle unit and slowly swing the trimmer side to side as shown in (Fig. 3A).
- Maintain a cutting angle of 5° to 10° as shown in (Fig. 3B). Do not exceed 10° (Fig. 3C). Cut with the tip of the line. To keep distance from hard surfaces use edge wheel.
- To avoid damaging cultivated plants while trimming, use the retractable limiting bracket.
- Maintain a minimum distance of 60 cm between the guard and your feet as shown in (Fig. 3D). To achieve this distance adjust the overall height of the trimmer as shown in (Fig. 4).

CONVERT TO EDGING MODE



IMPORTANT

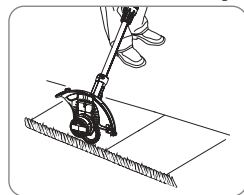


The wheeled edge guide should only be used when in the edging mode. The trimmer can be used in trimming mode or edging mode to trim overhanging grass along lawn edges and flower beds.

Fig. 5

For edging, the trimmer head should be in the vertical position shown in (Fig. 5). If it is not:

- Remove the battery from the trimmer.
- Grasp the flip-to-edge collar and push down as shown in fig. 8).
- Rotate the flip-to-edge collar 90° clockwise as shown in fig. 8, until the handle locks.



EDGING



WARNING!



When being used as an edger, stones, pieces of metal and other objects can be thrown out at high speed by the line. The trimmer and guard are designed to reduce the danger. However, make sure that other persons and pets are at least 30 m away. Optimum cutting results are achieved on edges deeper than 50 mm.

- Do not use this trimmer to create trenches.
- Using the edging wheel, guide the trimmer as shown in (Fig. 5).
- Position the edging wheel on the edge of the sidewalk or abrasive surface so the cutting line is over the grass or dirt area to be edged.
- To make a closer cut, slightly tilt the trimmer.

HELPFUL CUTTING TIPS

- Use the tip of the string to do the cutting; do not force string head into uncut grass. Use edge guide along such things as fences, houses and flower beds for best practices.
- Wire and picket fences cause extra string wear, even breakage. Stone and brick walls, curbs, and wood may wear string rapidly.
- Do not allow spool cap to drag on ground or other surfaces.
- In long growth cut from the top down and do not exceed 35 cm high.
- Keep trimmer tilted toward the area being cut; this is the best cutting area.
- The trimmer cuts when passing the unit from the right to left. This will avoid throwing debris at the operator.
- Avoid trees and shrubs. Tree bark, wood moldings, siding, and fence posts can easily be damaged by the string.

CUTTING LINE / LINE FEEDING

Your trimmer uses 1.8 mm diameter, round nylon line. During use, the tips of the nylon lines will become frayed and worn and the special self feeding spool will automatically feed and trim a fresh length of line. Cutting line will wear faster and require more feeding if the cutting or edging is done along sidewalks or other abrasive surfaces or heavier weeds are being cut. The advanced automatic line feeding mechanism senses when more cutting line is needed and feeds and trims the correct length of line whenever it's required. Do not bump unit on ground in attempt to feed line or for any other purposes.

CLEARING JAMS AND TANGLED LINE (FIG. 6, 7, 8)



WARNING!



Remove the battery from the trimmer before making any assembly, adjustments or changing accessories. Such preventive safety measures reduce the risk of starting the appliance accidentally. From time to time, especially when cutting thick or stalky weeds, the line feeding hub may become clogged with sap or other material and the line will become jammed as a result. To clear the jam, follow the steps listed below.

- Remove the battery from the trimmer.
- Press the release tabs (A) on the line spool cap (B), as shown in (Fig. 6) and remove the cap by pulling it straight off.
- Pull the nylon line spool out and clear any broken line or cutting debris from the spool area.
- Place spool and line into spool cap with line "parked" in slots provided as shown in (Fig. 7A).
- Insert the line end through the appropriate hole in the spool housing. Pull slack line through until it pulls out of the holding slots as shown in (Fig. 7B).

Fig. 6

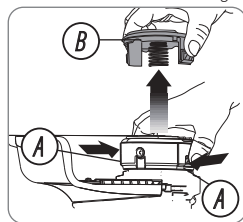


Fig. 7

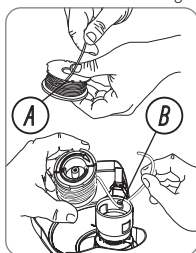


Fig. 8

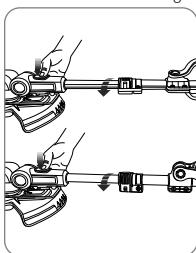


Fig. 9

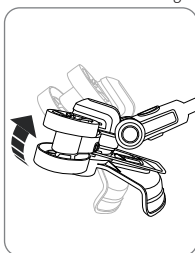
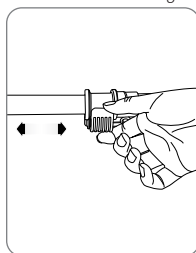
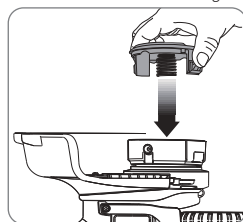


Fig. 10



- Press the button to adjust the angle of the pole in (Fig. 8).
- The head can be adjusted directly by pushing hard (Fig. 9).
- The length of the rod can be adjusted after opening it, and it can be fixed by pressing it back (Fig. 10).
- Press the spool down GENTLY and rotate it until you feel it drop into place and then push to snap into place. (When in place, the spool will turn a few degrees left and right freely).
- Take care to keep the line from becoming trapped under the spool.
- Align the spool cap tabs with the slots on the spool housing.
- Snap the spool cap back on as shown in (Fig. 11) by depressing lugs and pressing into spool housing.

Fig. 11



NOTE



Make sure that cover is fully positioned, listen for two audible clicks to ensure both lugs are correctly located. Power the appliance on. In a few seconds or less you'll hear the nylon line being cut automatically to the proper length.

CLEANING AND MAINTENANCE

8

- Regularly clean the ventilation slot in your tool using a soft brush or dry cloth.
- Regularly clean the cutting line and spool using a soft brush or dry cloth.
- Regularly use a blunt scraper to remove grass and dirt from the underneath of the guard.

The international manufacturer warranty is 1 year. The warranty period starts from the date of purchase. In cases when warranty period is longer than 1 year according to local legislation please contact your local dealer. The Seller which sells the product is responsible for granting the warranty. Please contact the Seller for warranty. Within the warranty period, if the product fails because of defects in the production process, it will be exchanged on the same product or repaired.

All faults caused by the manufacturer during the warranty period will be eliminated free of charge. Warranty repair is carried out only if you have a fully completed warranty card, the Buyer's signature of acceptance of the warranty terms, as well as a document supporting the purchase (cash receipt, sales slip or invoice). In the absence thereof, as well as in the event of errors or corrections not authenticated by the seller's seal or illegible inscriptions in the warranty card or tear-off coupon, no warranty repair is carried out, no objections to quality are accepted and the warranty card is withdrawn by the service center as invalid. The device is accepted for repair clean and full.



EC Declaration of Conformity

Nr. 216

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 trimmer "Könner & Söhnen"
Type / Model: KS CST-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
2000/14/EC Noise Directive
2014/30/EC Electromagnetic compatibility Directive
IEC 60335-1 Safety of household and similar electrical appliances

Applied Standards: -EN 60335-1:2012+A11:2014+A13:2017+A1:2019+A14:2019
+A2:2019+A15:2021-EN 50636-2-91:2014
-EN 62233:2008
EN ICE 55014-1:2021
EN IEC 55014--2:2021
IEC 60335-1:2010, COR1:2010, COR2:2011, AMD1:2013,
COR1:2014, AMD2:2016, COR1:2016

2000/14/EC_2005/88/EC Annex VI

For model KS CST-20V Noise measured Lwa = 85 dB (A), guaranteed Lwa = 88 dB (A)



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Director: Fomin P.

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P. Fomin

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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