

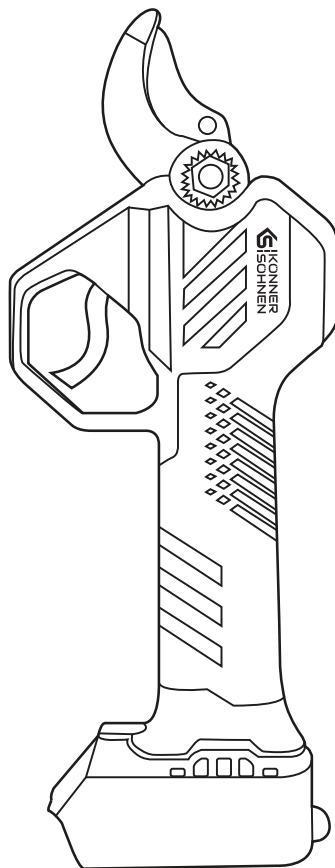
**Please, read this manual
carefully before use!**

User Manual



Cordless electric pruning shears

KS CPS20V-40
KS CPS20V-40 Case



INTRODUCTION



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.

ABOUT THE UNIT

1

THE PRODUCT

The product is a battery powered secateur with 2 adjustable cutting widths.

INTENDED USE

The product can be used to cut tree branches, shrubs and other gardening tasks. For household use only.

IMPORTANT SAFETY INFORMATION

2

GENERAL POWER TOOL SAFETY WARNINGS



WARNING!



Failure to follow these instructions may result in damage to the product, other materials, or the surrounding area.

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 the power tool. Distractions can lead to loss of control over the tool.

ELECTRICAL SAFETY

- 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.

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 overexert yourself. Always maintain your balance. 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.

POWER TOOL USE AND CARE

- Do not force the power tool to work beyond its limits. Use the appropriate tool for your task. 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.
- Keep handles and gripping surfaces dry, clean and free from oil and grease. Slippery handles and gripping surfaces make it difficult to safely control the tool in unexpected situations.

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.
- 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.

- 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.

MINIMIZING THE IMPACT OF NOISE AND VIBRATION

- Follow the precautions to decrease the risk of exposure to vibration and noise:
 - Check that the tool is in good condition.
 - Only use accessories that are in good condition, and are applicable for the job.
 - Keep a firm grip on the handles or grips.

SECATEUR SAFETY WARNING

3



ATTENTION – DANGER!



Hold the power tool by the insulated grips when you use it in areas where it can come into contact with concealed electrical cables. Contact with a live cable will cause the metal parts on the product to also become live and can give the user an electric shock.



ATTENTION – DANGER!



Keep hands away from the blade. Contact with the blade will result in serious injury.



WARNING!



Make sure to monitor the product until it has come to a complete stop.

- Do not use the product in poor lighting conditions. Use the product only in daylight or in well-lit artificial light.
- Keep the area clear from persons, children and animals when you operate the product.
- Do not use the product to cut wires or cut where there is a risk of hidden wiring.
- Do not use the product in rain or snow.

RESIDUAL RISKS

There will always be residual risks even if you operate the product in accordance to the instructions.

Possible hazards related to the type and design of this power tool include:

- Cutting injuries.
- Danger due to electromagnetic field generated while the machine is in operation. Under certain circumstances, this field may negatively affect active or passive medical implants.
- In order to decrease the danger of serious or fatal injuries, it is recommended that individuals who wear medical implants should consult their doctor and the manufacturer of the implant before operating the machine.

SAFETY INSTRUCTIONS FOR OPERATION



WARNING!



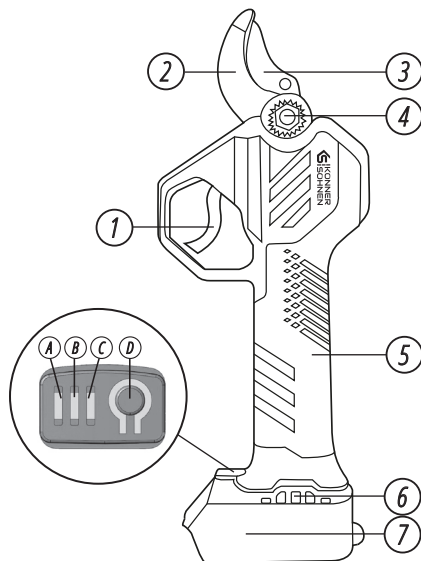
Failure to follow these instructions may result in death or injury.

- Before starting work, read and follow the safety instructions.
- Do not use the product if you are tired, ill, or intoxicated. This will decrease your vision, attention, coordination and decision-making ability.
- Do not let children or persons who do not know the product to use it.
- Do not use the product if it is damaged.
- Do not make changes to the product.
- Use the product only for its specified function.

	Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.
	Warning! Risk of cutting injury. Keep your hands and feet away.
	Warning! Risk of ejected objects. Keep bystanders at least 15 m away from the operating area.
	Wear personal protective equipment. Basically, wear protective goggles or, even better, face protection, safety helmet, safety gloves.
	This power tool complies with applicable European directives.
	Electrical appliances must not be disposed of with the domestic waste.

1. Trigger
2. Fixed blade
3. Cutting blade
4. Blade screw
5. Handle
6. Ventilation slots
7. Battery port

- A.** Status
B. Cutting width indicator – 40mm
C. Cutting width indicator – 20mm
D. Switch ON/OFF & Switch 40mm/20mm



PACKAGE CONTENT LIST

- 20V Lithium Battery
(for model KS CPS20V-40 Case)
- Charger for 20V Lithium Battery (for model KS CPS20V-40 Case)
- Set extra blade – 1 pc (for model KS CPS20V-40 Case)
- Socket spanner 1 pc
- Hex key –2,5 mm/3 mm/5 mm
- Sharpening stone– 1 pc
- Empty oil bottle– 1 pc



IMPORTANT!



The manufacturer reserves the right to make changes and/or improvements to the design, components, and technical specifications without notice or 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 CPS20V-40	KS CPS20V-40 Case
Rated voltage	DC 20V	DC 20V
Battery and charger	not included	+
Motor type	brushless motor	brushless motor
Cutting capacity	20/40 mm	20/40 mm
Cutting cycle duration	≤ 1 s	≤ 1 s
Operating temperature	0 °C – 40 °C	0 °C – 40 °C
Noise level L _{pa} /L _{wa}	66/74 dB	66/74 dB
Vibration level*	does not exceed 2.5 m/s ²	does not exceed 2.5 m/s ²
Dimensions (L×W×H)	340×73×122 mm	365×113×295 mm

*The declared vibration and noise levels are measured according to the standard test method and can be used to compare different tools, as well as to provide a preliminary assessment of their impact on the user. The measurement values have been determined in accordance with EN 62841-1:2015



WARNING!



The actual vibration and noise level when using tools may differ from the specified maximum value, depending on how the tool is used and the material being processed. It is therefore necessary to determine which safety precautions are required to protect the user, based on an estimate of exposure in actual operating conditions (taking into account all stages of the work cycle, e.g. the time when the tool is switched off and when it is idling, in addition to the start-up time).

OPERATION

7

INSTALLATION AND REMOVAL OF THE BATTERY



ATTENTION – DANGER!



Make sure the battery is properly installed. If it is not securely fixed, it may cause injury.



WARNING!



Do not use force to attach the battery. If it is not easy to attach, it is not correctly aligned.

To attach a battery

1. Align the battery to the slots in the casing.
2. Push the battery until it clicks into place.

To remove a battery

1. Push the button on the front of the battery.
2. Pull the battery out from the battery port.

Note: The battery is supplied partially charged. To ensure full battery capacity, fully charge the battery in the charger before using your power tool for the first time.

The lithium-ion battery can be charged at any time without reducing its service life. Interrupting the charging process does not damage the battery.

The lithium-ion battery is protected against deep discharge by the "Electronic Cell Protection (ECP)". When the battery is discharged, the power tool is switched off by means of a protective circuit: The application tool no longer rotates.



WARNING!



Do not continue to press the ON/OFF Switch after the power tool has automatically switched off. The battery can be damaged.

TO OPERATE THE PRODUCT



ATTENTION – DANGER!



Keep hands and other body part away from the blades. Do not hold the branch you are cutting with your free hand. Never use the tool in an awkward posture. This can lead to serious injuries.



WARNING!



Before use, make sure the parts are not worn or damaged. Press the trigger to check if the blades open and close properly. Replace damaged parts or contact an authorized service center.



WARNING!



Do not cut branches with a diameter over 40 mm.



ATTENTION – DANGER!



Use eye protection when you operate the product.

- Wear gloves when you operate the product.
- Only cut branches one by one.



WARNING!



If the blade is stuck in a branch during operation, do not twist the blade. Stop the product and pull the blades straight out slowly from the branch.

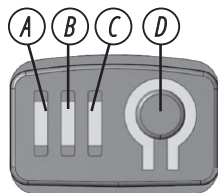
Switch ON (sleep mode). Press the (d) button for 1-3 seconds, the (a) and (b) lights will light up, and the machine will beep twice when it is released, prompting the machine to enter the standby state.

Activate knife. Quickly press the switch button twice, the knife edge opens.

Adjust cutting size. Press the (d) button, the machine beeps once, the cutting edge size status is switched, when (b) light is on for 40mm, and the (c) light is on for 20mm.

Switching OFF. Press the switch button and hold it, then press the (d) button for 3-5 seconds at the same time, it will beep once, and all the signal lights will go out. The machine enters the shutdown state.

BATTERY CHARGE INDICATOR



- A. Status
- B. Cutting width indicator – 40mm
- C. Cutting width indicator – 20mm
- D. Switch ON/OFF & Switch 40mm/20mm

LED	Capacity
Continuous lighting 3 × green	≥ 66%
Continuous lighting 2 × green	33–66%
Continuous lighting 1 × green	≤ 33%
Flashing light 1 × green	Reserve

If no LED lights up after pressing the button, then the battery is defective and must be replaced.

Status LED indicator	Meaning
(A) is lit green continuously	Ready to cut
(B) is lit green continuously	40 mm MAX capacity
(C) is lit green continuously	20 mm MAX capacity

TRANSPORT

8



WARNING!



Do not hold or move the product by the blades.

- Let the product come to a complete stop, become cool and remove the battery before you move the product.
- Use the handle when you lift or move the product.

STORAGE

9

- If the device is not going to be used for an extended period, remove the battery and store the device in a clean, dry place, out of reach of children and pets.
- Do not keep the product stored where the ambient temperature is less than 0 °C or more than 40 °C.

MAINTENANCE

10



ATTENTION – DANGER!



Stop the product and disconnect the power supply before you do maintenance.



WARNING!



To prevent damage to the surface of the product, do not use harsh detergents or abrasive cleaners.

- Keep the cutting edge sharp and clean for the best performance and to decrease the risk of injury.
- Regularly apply one drop of oil to the idler pulley to increase the tool's lifespan.

TO CLEAN THE PRODUCT



WARNING!



Keep the product clean of clippings and other materials to prevent obstructions between the blades.

- Clean the product with a soft and moist cloth if necessary.
- Keep the air vents free from debris.

DISPOSAL

Make sure to follow local regulations when disposing of the product. Electrical appliances must not be disposed of with the domestic waste..

SERVICING



WARNING!



Only approved personnel must do repairs on the product.

The power tool must only be serviced by qualified personnel using identical spare parts. This will ensure that the power tool remains safe to use.

WARRANTY SERVICE TERMS

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Könnér & Söhnen warrants the original purchaser of **power tools and battery powered and electric garden tools to 2 year** limited warranty, excluding Lithium-ion batteries that come in a set. Lithium-ion batteries which come in a set with power/garden tools or sold separately are covered with it's own warranty, described below.

- The warranty for **lithium-ion batteries is 2 years**, provided the product is registered on the website of the official importer **<https://warranty.konner-sohnen.com>** within 30 days of purchase. Without registration, the warranty is 1 year.
- The warranty for **brushless motors is 5 years**, provided the product is registered on the official importer's website **<https://warranty.konner-sohnen.com>** within 30 days of purchase. Without registration, the warranty is 2 years.



**WARRANTY
REGISTRATION**



EC Declaration of Conformity

Nr. 238

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 electric pruning shears "Könner & Söhnen"
Type / Model: KS CPS20V-40, KS CPS 20V-40 Case

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 62841-1:2015+A11:2022
EN ISO 12100:2010
EN IEC 55014-1:2021
EN IEC 55014-2:2021
EN 62841-1

2000/14/EC_2005/88/EC Annex VI

Noise guaranteed Lwa = 74 dB (A)



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Director: Fomin P.

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

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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European Union:

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