

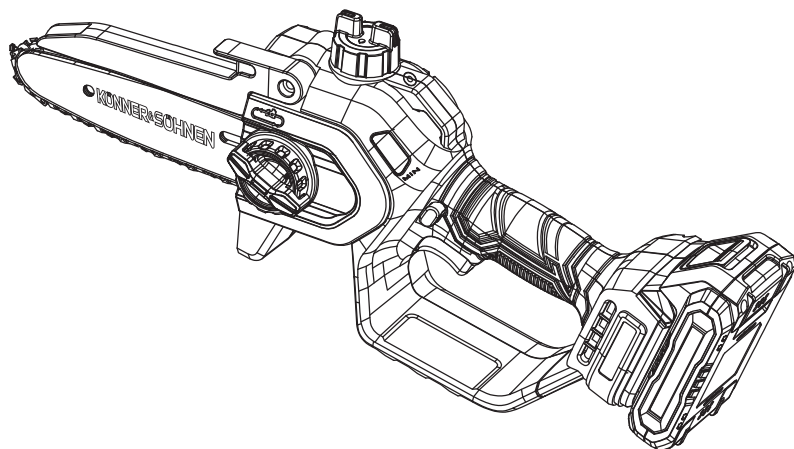
**Please read this manual  
carefully before use!**

**User Manual**



## **Cordless chain saw**

KS MCS20V-8  
KS MCS20V-8 Case





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

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### 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.

#### **SERVICE**

- Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.
- Never service damaged battery packs. Service of battery packs should only be performed by the manufacturer or authorized service providers.

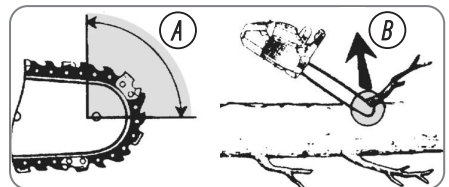
**WARNING!****Do not operate your chain saw until it is completely assembled and installed according to the instructions.****ATTENTION – DANGER!****Keep hands away from the blade with the blade result in serious personal injury.**

- The cordless chainsaw is designed exclusively for cutting wood and should not be used for any non-wood items, such as brickwork, plastic, or food. Using the saw for any purpose other than sawing wood is not recommended and goes against its intended use
- Make sure that the area in which you are cutting is free from obstructions. Do not let the nose of the guide bar contact a log, branch, fence, or any other obstruction while you are operating the unit.
- Do not grasp the exposed cutting blades or cutting edges when picking up or holding the product.
- Cut only when visibility and light are adequate for you to see clearly.
- To protect yourself from electrocution, do not operate within 50 feet of overhead electrical lines.
- Before starting the motor, make sure the chain is not contacting any object.
- Turn off the motor and make sure cutting attachment has stopped setting the unit down.
- Follow the sharpening and maintenance instructions for the saw chain.
- Use only the replacement guide bars and low kickback chains specified for the unit.
- Do not operate the saw with one hand! Serious injury to the operator, helpers, bystanders, or any combination of these persons may result from one hand operation. This saw is intended for two-hand use.
- Use extreme caution when cutting small-sized brush and saplings because slender material may catch the saw chain and be whipped toward you or pull you off balance.
- When cutting a limb that is under tension, be alert for spring back so that you will not be struck.
- To avoid accidental starting, never carry plugged in product with finger on switch.
- Maintain product with care. Keep cutting edge sharp and clean for best performance and to reduce the risk of injury. Follow this instruction for lubricating and changing accessories. Keep handles dry, clean, and free from oil and grease.
- Remove the battery pack when not in use, before servicing, and when changing accessories.
- Service on the product must be performed by qualified repair personal only. Service or maintenance performed by unqualified personal could result in injury to the user or damage to the product.

**CAUSES AND OPERATOR PREVENTION OF KICKBACK****ATTENTION – DANGER!****Beware of kickback! Be careful of kickback of the machine during work. There is danger of injury here. You can avoid kickbacks by exercising caution and using a correct sawing technique.**

- Kickback may occur when the nose or tip of the guide bar touches an object, or when the wood curls in and pinches the saw chain in the cut (cf. image 1/fig. B).
- Tip contact in some cases may cause a sudden reverse reaction, kicking the guide bar up and back towards the operator (cf. image 1/fig. A).
- Pinching the saw chain along the top of the guide bar may push the guide bar rapidly back towards the operator.

Fig. 1



- Either of these reactions may cause you to lose control of the saw, which could result in serious personal injury. Do not rely exclusively on the safety devices built into your saw. As a chain saw user, you should take several steps to keep your cutting jobs free from accident or injury.

Kickback is the result of tool misuse and/or incorrect operating procedures or conditions and can be avoided by taking proper precautions as given below:

- Maintain a firm grip, with thumbs and fingers encircling the chainsaw handles, with both hands on the saw and position your body and arm to allow you to resist kickback forces. Kickback forces can be controlled by the operator if proper precautions are taken. Do not let go of the chainsaw
- Do not overreach and do not cut above shoulder height. This helps prevent unintended tip contact and enables better control of the chainsaw in unexpected situations.
- Only use replacement bars and chains specified by the manufacturer. Incorrect replacement bars and chains may cause chain breakage and/or kickback.
- Follow the manufacturer's sharpening and maintenance instructions for the saw chain. Decreasing the depth gauge height can lead to increased kickback.

## FURTHER SAFETY DIRECTIONS

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- Comply carefully with maintenance, control and service instructions in this manual. Damaged protective devices and parts have to be repaired or changed except as noted otherwise in this manual.
- Dirt, stones, loose bark, nails, clips, and wires must be removed from the tree.

## SYMBOLS

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	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.
	Direct current-type or characteristic of current.
	Do not use the machine in the rain or leave it outdoors when it is raining.
	Do not cut with the end of the guide bar.
	Hold the saw with both hands while working! One-handed use is extremely hazardous!
	CAUTION: Kickback!



This power tool complies with applicable European directives.

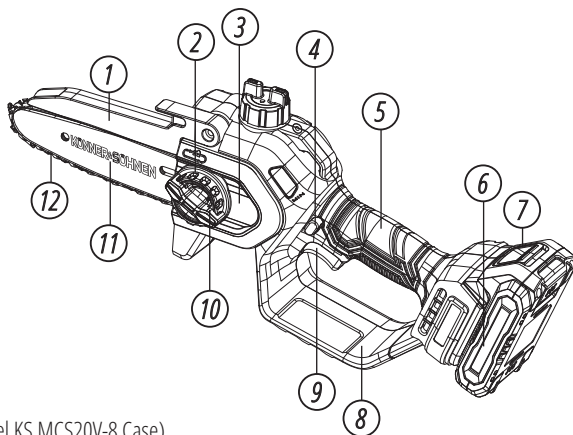


Electrical appliances must not be disposed of with domestic waste.

## MAIN OVERVIEW

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1. Protective baffle
2. Chain tensioning knob
3. Sprocket cover
4. Safety switch
5. Handle
6. Battery pack
7. Battery release button
8. Hand guard
9. Switch
10. Bar tightening knob
11. Guide bar
12. Saw chain



### PACKAGE CONTENT LIST

- 20V Lithium Battery (for model KS MCS20V-8 Case)
- Charger for 20V Lithium Battery (for model KS MCS20V-8 Case)
- Guide bar 8" (20 cm) – for model KS MCS20V-8 – 1pcs, for model KS MCS20V-8 Case – 2pcs
- Saw chain – for model KS MCS20V-8 – 1pcs, for model KS MCS20V-8 Case – 2pcs
- Chain cover
- Empty oil bottle



**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 MCS20V-8	KS MCS20V-8 Case
Rated voltage	DC 20V	DC 20V
Battery and charger	–	+
Max cuttng length	90 mm	90 mm
Chain length	8" (20 cm)	8" (20 cm)
Motor type	Brushless motor	Brushless motor
Chain speed	8 m/s	8 m/s
Chain tensioning without a tool	+	+
Chain lubrication system	+	+
Gross dimensions (L×W×H)	465×125×170 mm	465×125×170 mm

### CHAIN LUBRICATION

The oil bottle is designed for convenient carrying. You can refill it with bar and chain oil to lubricate the chain in the field. Frequent chain maintenance extends its service life and improves cutting performance. Pour a few drops of oil onto the drive links of the chain and into the groove of the guide bar.

#### Useful Tips:

Any universal bar and chain oil is suitable for lubricating cordless chainsaws.



**WARNING!**



**Do not use dirty, used or contaminated oil. Damage can occur to the bar or chain.**

### CHECKING THE AUTOMATIC

Before work, check the automatic chain lubrication and oil gauge. Switch on the chain saw and hold it above the ground. Be careful not to allow the chain saw to touch the ground. For safety reasons it is best to keep a clearance of at least 20 cm. If you now visible traces of oil the chain lubrication system is working correctly. If no oil trace can be seen clean the oil passages or turn the chainsaw to our service center.

### CHAIN LUBRICANTS

The service life depends to a large extent on the quality of the lubricant used. Old oil must not be used!

To lubricate the cutting part of the saw, it is necessary to use only special adhesive oil for saw chains. Adhesive oil has increased adhesion to metal and lubricates not only the upper part of the saw bar but also the lower part.

## OPERATING INSTRUCTION

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### INSTALL THE BATTERY PACK (Fig. 2)

- Store the battery pack fully charged.
- Do not store the battery pack on the tool.

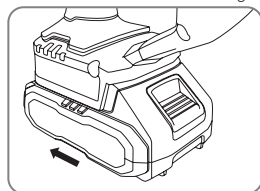
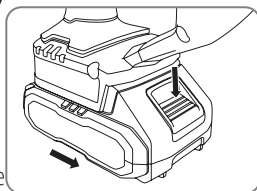


Fig. 2

### TO REMOVE THE BATTERY PACK

Press the battery release button, slide the battery pack backward, and then pull or lift the battery out of the tool.

### TO INSTALL THE BATTERY PACK

To install the battery pack into the saw, align the rails of the battery pack with the rails in the handle and push the battery into the handle. To connect the battery, slide the battery pack fully forward until the latch locks into place.

Follow these instructions in order to avoid injury and to reduce the risk of electric shock or fire:

- Replace the battery pack or the charger immediately if the battery case or charger cord is damaged.
- Verify that the battery pack is removed before inspecting, adjusting, or performing maintenance on any part of the chain saw.

### INSTALLING THE GUIDE BAR AND CHAIN

Before installing the guide bar with the saw chain on your saw, check the direction of the teeth! The cutting direction is marked with an arrow on the housing. You may need to reverse the saw chain to determine the proper cutting direction. Hold the guide bar vertically with its top tip pointing upward and fit the saw chain starting from the tip of the bar.

1. Loosen the chain cover by turning the cover handle counterclockwise (Fig. 3).
2. Remove the chain cover (Fig. 4).
3. Insert the drive links of the chain into the groove of the guide bar (Fig. 5).

4. Position the cutting teeth of the chain in the chain's rotation direction (Fig. 5).
5. Install the chain, ensuring the loop is located behind the guide bar.
6. Hold the chain and bar.
7. Place the chain loop onto the drive sprocket (Fig. 6).
8. Install the chain cover.
9. Tension the chain. See the chain tension adjustment section (Fig. 7).
10. Once the chain is correctly tensioned, tighten the chain cover handle (Fig. 8).



Abb. 3



Abb. 4

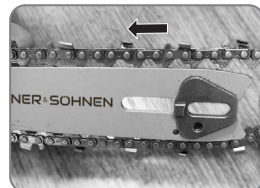


Abb. 5



Abb. 6



Abb. 7

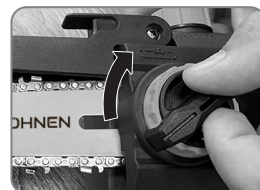


Abb. 8



NOTE



The new chain stretches during the initial stage of operation. Check and adjust the tension frequently, as a loose chain can come off the guide bar and can lead to rapid wear of both the chain and guide bar.



NOTE



After installation, make sure the chain fits properly to the sprocket.

## START/STOP THE CHAIN SAW

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WARNING!



Beware of chain saw kickback and avoid contact with the tip of the guide bar.



ATTENTION – DANGER!

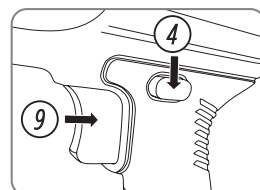


The saw chain is very sharp. Always wear protective gloves when performing maintenance on the chain.

### START:

1. Press the safety switch (4).
2. Press the switch (9).
3. Hold the safety switch while pressing the switch (9).
4. Release the safety switch.

**STOP:** Release the trigger to stop the machine.



## CHAIN SAW OPERATION



**WARNING!**



**Hold the chain saw with both hands during operation. Grip the control handle with one hand and support it with the other.**

Keep your body to the left of the chain's line of movement. Never stand over the saw or chain, and do not lean forward over the chain's line. Use gloves with a non-slip surface for maximum grip and protection.

1. Insert the battery pack.
2. Hold both handles securely, keeping your body out of the chain's line.
3. Press the trigger lock button and pull the trigger.
4. Wait for the saw to reach full speed before contacting the workpiece.
5. To stop, release the trigger. Hold the saw steady until the chain comes to a complete stop.

## MAINTENANCE AND STORAGE

# 11

- Repair work not mentioned here must be performed by a service center. To ensure the safety of use, only the original parts should be used.
- The battery must be removed from the equipment before any work (e.g., maintenance, attachment replacement, etc.), as well as during transportation and storage. There is a risk of injury due to accidental trigger activation.
- To the operation is safe and efficient, please always keep the saw blade and the ventilation slots clean.
- If the equipment becomes dirty, this may lead to serious breakdowns. For this reason, do not cut materials that generate large quantities of dust from above or below.
- The equipment must be serviced by a qualified technician using only identical spare parts. This will ensure that the safety of the equipment is maintained.

### CLEANING

Do not spray the equipment with water or immerse it in water, as this may cause electric shock. Keep the fan, motor compartment, and equipment handles clean by using a damp cloth or a brush.

- Always clean the saw blade and protective shield with a dry cloth.

### STORAGE

- Please store the battery pack within a temperature range of  $-5^{\circ}\text{C}$  to  $40^{\circ}\text{C}$ . For example, do not leave the battery pack in your car during summer.
- If the equipment will not be used for an extended period, please remove the battery before storage.
- The battery and charger should be stored in a dry environment.
- Recommended temperature for long-term storage:  $0^{\circ}\text{C}$  –  $30^{\circ}\text{C}$ .
- Keep a distance of at least 1.5 meters (5 ft.) between the battery and flammable materials.

To ensure the longevity of the equipment and prevent its degradation, store it fully charged.

The battery should be charged and discharged at least once every three months.

### DISPOSAL

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



Könner & Söhnen warrants the original purchaser of **power tools and battery powered and electric garden to a 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 its 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. 242

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 mini chainsaw "Könner & Söhnen"  
Type / Model: KS MCS20V-8, KS MCS20V-8 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 IEC 55014-1:2021  
EN IEC 55014-2:2021  
EN 62841-1:2015+ A11:2022  
EN ISO 12100:2010  
EN 62841-1

## 2000/14/EC\_2005/88/EC Annex VI

For models KS MCS20V-8, KS MCS20V-8 CASE noise guaranteed Lwa= 97 dB (A)



**Issued Date:** 2025-08-08  
**Place of issue:** Duesseldorf  
**Director:** 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.

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40235 Düsseldorf, Deutschland. Produziert in VRC.  
amazon@dimaxgroup.com  
[www.konner-sohnen.com](http://www.konner-sohnen.com)

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**European Union:**

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

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**Україна:**

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

Імпортер та представник в Україні:  
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02225, м. Київ, Україна. Змонтовано в КНР

[www.konner-sohnen.com.ua](http://www.konner-sohnen.com.ua)

