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USER'S MANUAL












Mini Chainsaw


MODEL NUMBER:
SERIAL NUMBER:











CEDCHS150LI-SET










Model number and serial number can be found on the nameplate. Be sure to write them down and keep them in a safe place.





















Photo	Catalog number	Description
	CEDD40Li-SET	Cedrus D40Li-SET cordless drill and screwdriver, battery and charger included, max 20V Li-Ion battery, max torque 40 Nm
	CEDD60Li	Cedrus D60Li cordless drill and screwdriver, no battery and charger included, max 20V Li-Ion battery, no-load speed 0-500rpm / 0-2000rpm, max torque 60 Nm
	CEDHD58Li-SET	Cedrus HD58Li-SET impact drill/driver, battery and charger included, max 20V Li-Ion battery, no-load speed 0-500rpm/0-2000rpm, max torque 58 Nm
	CEDHD60Li	Cedrus HD60Li impact drill/driver, no battery or charger included, max 20V Li-Ion battery, no-load speed 0-500rpm / 0-2000rpm, max torque 60 Nm
	CEDID180Li	Cedrus impact driver ID180Li , without battery and charger included, max 20V Li-Ion battery, no-load speed 0-2800 rpm, max torque 180 Nm, 1/4" HEX bit holder
	CEDIW250Li	Cedrus impact driver ID250Li , without battery and charger included, max 20V Li-Ion battery, no-load speed 0-2800 rpm, max torque 2500 Nm, 1/2" square bit holder
	CEDIW400Li	Cedrus impact driver ID400Li , without battery and charger included, max 20V Li-Ion battery, no-load speed 0-1500rpm/0-1700rpm/0-1900rpm/0-2000rpm/0-2300rpm, max torque 100Nm/150Nm/200Nm/ 300Nm/400Nm, 1/2" square bit holder
	CEDIDB200Li	Cedrus IDB200Li impact driver, without battery and charger, LED light, max 20V Li-Ion battery, no-load /800/1800/2500rpm, 0/1100/2500/3500bpm impact, 40/130/200Nm torque, 1/4" HEX bit holder
	CEDRH1.1Li	Cedrus RH1.1Li hammer drill, no battery and charger included, max 20V Li-Ion battery, no-load speed 0-900 rpm
	CEDRH2.2Li	Cedrus RH2.2Li hammer drill, without battery and charger, adjustable front handle, 20V Li-Ion max battery, 0-1420rpm no-load speed, 0-4500bpm percussion, 2.2kJ impact force, SDS+ drill chuck, drilling capacity of Ø28 in wood Ø13 in metal Ø22 in concrete

	CEDIWB250Li	Cedrus IWB250Li impact wrench, without battery and charger, belt clip, max 20V Li-Ion battery, no-load /800/1800/2500rpm, 0/1100/2500/3500bpm impact, 50/150/250Nm torque, ½" square chuck
	CEDAG125Li	Cedrus AG125Li angle grinder, without battery and charger included, max 20V Li-Ion battery, 10000 rpm no-load speed, 125 mm blade diameter
	CEDAG125Li-SET	Cedrus AG125Li angle grinder, battery and charger included, max 20V Li-Ion battery, 10000 rpm no-load speed, 125 mm blade diameter
	CEDAGB125Li	Cedrus AGB125Li angle grinder, without battery and charger, max 20V Li-Ion battery, 8500rpm no-load speed, 125mm blade diameter
	CEDOS125Li	Cedrus OS125Li eccentric sander, no battery or charger included, max 20V Li-Ion battery, no-load speed 2000/3500/5000/6500/8000/10000rpm
	CEDCBG50Li	Cedrus CBG50Li 3-in-1 bench grinder, no battery and battery included, max 20V Li-Ion battery, speed 3000-9000 rpm, disc diameter 50mm, disc thickness 13mm, 3-in-1 grinder, polisher, flexible shaft for mounting accessories
	CEDJSLi	Cedrus JSLi jigsaw, no battery and charger included, max 20V Li-Ion battery, no-load speed 2700 rpm
	CEDRSLi	Cedrus RSLi sabre saw, without battery and charger included, max 20V Li-Ion battery, no-load speed 3000 rpm
	CEDCSLi	Cedrus CSLi circular saw, no battery and charger included, max 20V Li-Ion battery, 4200 rpm no-load speed, 165x20x1.6mm disc size, 24T
	CEDCSB165Li	Cedrus CSB165Li circular saw, max 20V Li-Ion battery, 4200rpm no-load speed, blade size 165x20x1.6mm, 24T, cutting depth 51mm at 90°, 37mm at 45°

	CEDCSM140Li	Cedrus CSM140Li mini circular saw, without battery and charger, max 20V Li-Ion battery, 6000rpm no-load speed, blade size 140mm, depth of cut 50mm at 90°, 35mm at 45°
	CEDCG3Li	Cedrus CG3Li rechargeable glue gun, without battery and °C charger included, max 20V Li-Ion battery, nozzle diameter 3mm, cartridge diameter 10-12mm, heating time 3min, working temperature 175
	CEDSG45Li	Cedrus SG45Li silicone gun, without battery and charger, max 20V Li-Ion battery, max dispensing force 4500N, speed control 6 levels, feed speed 0.7 - 11m/s, tube capacity 600ml, cartridge capacity 310ml
	CEDLLi	Cedrus LLi rechargeable flashlight, without battery and charger included, max 20V Li-Ion battery, 3W 3pcs LED bulb, luminous flux 260 Lumens.
	CEDCL35Li	Cedrus CL35Li rechargeable LED lamp, without battery and charger included, battery max 20V Li-Ion, power 35W, luminous flux I - 5000Lm II - 2000Lm, led 100 pieces SMD, color temperature 6500K, light angle 120 °
	CEDMTLi	Cedrus MTLi multifunction machine, without battery and charger included, max 20V Li-Ion battery, no-load speed 5000-20000 rpm
	CEDNGLi	Cedrus NGLi nailer, without battery and charger included, max 20V Li-Ion battery, driving speed up to 30 pieces per minute
	CEDAP100Li	Cedrus AP100Li rechargeable compressor, max 20V Li-Ion battery, max air pressure 7 bar (100 psi), air volume 30l/min, max air speed 54m/s, duty cycle 5 minutes on/ 5 minutes off
	CEDCP57Li	Cedrus CP57Li cordless pump, without battery and charger included, max 20V Li-Ion battery, max pressure 0.034bar, air flow 53m³/h, air speed 40km/h, 3 additional nozzles, soft grip handle
	CEDSP1000Li	Cedrus SP1000Li cordless gun, max 20V Li-Ion battery, tank capacity 1l, flow rate 800ml/min, max viscosity 60DIN-S, pressure 0.1 bar, nozzle diameter 2.5mm/1.8mm/1.5mm

	CEDWP160Li	Max 20V Li-Ion, water pressure 2.4MPa, water flow rate 160L/H, 6in1 nozzle, 6 settings: tilt direction 0°, 20°, 20°, 40°, foam jet and shower, cord and detergent tank included
	CEDBP30Li	Cedrus BP30Li cordless pruner, max 20V Li-Ion battery, max cutting diameter 30mm, cutting speed 1.4s, total length 300mm
	CEDBPB40Li-SET	Secateurs, max 20V Li-Ion, battery and charger included, max cutting diameter 40mm, four cutting diameter adjustments, brushless motor, weight 0.98kg, color carton, 2Ah battery, 2.4A charger
	CEDGS100Li	Cedrus GS100Li cordless shears, max 20V Li-Ion battery, grass shear cutting width 100mm, cutting bar length 200mm, max cutting diameter 8mm, claw width 75mm
	CEDHT510Li	Cedrus HT510Li hedge trimmer, no battery and charger included, max 20V Li-Ion battery, no-load speed 1300 spm, blade length 510 mm
	CEDHT520LiX2	Cedrus HT520LiX2 hedge trimmer, no battery and charger included, max 2x20V Li-Ion battery, no-load speed 2800 spm, blade length 520 mm
	CEDPHT450Li	Cedrus PHT450Li boom shear, no battery or charger included, max 20V Li-Ion battery, 1300 spm no-load speed, blade length 450 mm
	CEDCHS250Li	Cedrus CHS250Li cordless chainsaw, no battery or charger included, max 20V Li-Ion battery, 25cm Oregon bar length, 3.8" Oregon chain size, tool-less chain tensioning system, automatic oil pump
	CEDCHS350LiX2	Cedrus CHS350LiX2 cordless chainsaw, no battery or charger included, max 2x20V Li-Ion battery, 35 cm Oregon bar length, 3.8" Oregon chain size

	CEDCHS100Li	Cedrus CHS100Li mini cordless saw, max 20V Li-Ion battery, 5400rpm no-load speed, 10cm bar length, 1/4" chain size, 8m/s chain speed
	CEDCHS150Li-SET	Mini chainsaw, battery and charger included, max 20V Li-Ion, bar length 15cm, 1/4" chain, automatic chain lubrication, tool-free chain tensioner, colorful cardboard box, 2Ah battery, 2.4A charger
	CEDCPS20	Cedrus CPS20 boom saw - attachment for PHT450LI, max 20V Li-Ion battery, 1300rpm no-load speed, 20cm bar length, 3/8" chain pitch, 8m/s chain speed
	CEDCHS100P	Cedrus CHS100Li chainsaw telescopic extension, compatible with CHS100Li MINI chainsaw, minimum length 1.95m, maximum length 2.4m
	CEDB42LiX2	Cedrus B42LiX2 cordless blower, no battery and charger included, max 2x20V Li-Ion battery, no-load speed 20000 rpm, air speed 42 m/sec.
	CEDBV200LiX2	Cedrus BV200LiX2 2-in-1 cordless blower, no battery and charger included, max 2x 20V Li-Ion, no-load speed 8000-14000 rpm, air speed 200km/h, air flow 220m3/h, bag capacity 35 l, shredding ratio 9:1
	CEDBV270Li	Cedrus BV270Li 2-in-1 cordless blower, no battery and charger included, max 20V Li-Ion, no-load speed 6000-18000 rpm, air speed 270km/h, air flow 102m3/h, bag included
	CEDPC160Li	Cedrus PC160Li grout and joint cleaner, without battery and charger, telescopic length adjustment, swivel handle, max 20V Li-Ion battery, brush speed 1300rpm, brush width 160mm, wire brush diameter 115mm
	CEDGT254Li	Cedrus GT254Li cordless trimmer, no battery and charger included, max 20V Li-Ion battery, 9000 rpm no-load speed, cutting width 254 mm

	CEDST300LiX2	Cedrus ST300LiX2 cordless trimmer, without battery and charger included, max 2x20V Li-Ion battery, no-load speed 6700 rpm, cutting width 300 mm
	CEDST280Li	Cedrus ST280Li cordless trimmer, max 20V Li-Ion battery, 9000rpm no-load speed, 280mm cutting width, 1.6mm line diameter, adjustable length 1.0 - 1.36m, 90° adjustable head
	CEDBC350LiX2	Cedrus BC350Li cordless trimmer, 2 x max 20V Li-Ion battery, 7000rpm no-load speed, 350mm cutting width, 2.0mm line diameter, automatic head type, double horn type handle
	CEDLM40LiX2	Cedrus LM40LiX2 cordless mower, battery 2 x max 20V Li-Ion, cutting width 400mm, cutting height 25mm/75mm / 6 positions, central height adjustment yes, mowing methods basket, mulching, basket capacity 40l, drive none
	CEDSC15Li	Cedrus SC15Li cordless sprayer, max 20V Li-Ion battery, tank capacity 15l, liquid flow 1.3l/min, max pressure 0.3Mpa, lance length 800mm, nozzle opening 1.6mm
	CEDVC15Li	Cedrus VC15Li cordless vacuum cleaner, max 20V Li-Ion battery, tank capacity 15l, suction pressure ≥ 8.0 Kpa, hose diameter 32mm, hose length 1.5m
	CEDVC5Li	Cedrus VC5Li cordless vacuum cleaner, max 20V Li-Ion battery, 0.5l tank capacity, suction pressure ≥ 3.8 Kpa
	CEDWF300Li	Cedrus WF300Li rechargeable fan max 20V Li-Ion battery, fan diameter 300mm, speed levels 3
	CEDLi-Ion 2Ah	Cedrus Li-Ion 2Ah battery, max voltage 20V

	CEDLi-Ion 4Ah	Cedrus Li-Ion 4Ah battery, max voltage 20V
	CEDLi-Ion 6Ah	Cedrus Li-Ion n 6Ah battery, voltage max 20V
	CEDLI-ION 8AH	Cedrus Li-Ion n 8Ah battery, voltage max 20V
	CEDFCH2.4	Cedrus FCH2.4 fast charger, input voltage 230-240V AC, output voltage 230-240VAC, charging current 2.4A
	CEDFCH3.5	Cedrus FCH3.5 fast charger, input voltage 230-240V AC, output voltage 230-240VAC, charging current 3.5A
	CEDDCH3.0	Cedrus DCH3.0 dual charger, input voltage 230-240V AC, output voltage 230-240VAC, charging current 3.0A
	CEDFCH8	Intelligent fast charger, battery capacity identification, automatic charging current selection, output current from 2.4A to 8.0A, battery indicator shows battery status, cooling fan, up to 4 times faster than standard charger
	CEDCHPLi	Cedrus CHPLi phone USB charger, 20V DC input voltage, 5V output voltage, 1.5A charging current

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FOREWORD

Thank you for purchasing our device! This manual

contains the most important information about the device, its design, functions and use. Before starting work, read the manual carefully. Safe and correct use will achieve the best results. All information contained in the manual is based on the latest product data as of the date of printing the document. Due to the continuous improvement of the equipment and the introduction of changes in it, the instruction manual may differ from the actual state of the device. The manufacturer reserves the right to make changes to the product at any time. Product parameters are subject to change without notice. It is forbidden to copy and reproduce the user manual and its elements without the permission of the manufacturer. This manual should be considered an integral part of the device, and in the event of transferring the device to third parties or reselling it should be handed over with the device. Operation of the device in accordance with the operating instructions and the messages contained therein is essential to maintain long-term and safe operation of the device and to meet the expectations of users. Failure to understand or follow the instruction manual may lead to serious injury and damage to the device.

CEDRUS is not responsible for any errors made in the printing of this manual, which do not directly affect the use of the device, and only relate to technical or descriptive details. The equipment is upgraded during production, so some of the data contained in this manual may differ from the actual data, which also do not affect the use of the device. The photos and illustrations contained in this manual are for reference only, and the physical condition of the device may differ from the actual condition.

WARNING SYMBOLS

	Read the instruction manual.
	Special care and attention should be taken.
	Safety glasses should be worn.
	Wear ear protection.
	Wear protective gloves.
	Wear protective headgear.
	Wear sturdy work shoes.
	Do not expose the device to rain or water.
	Be aware of the rebound of the chainsaw.
	Do not dispose of used electrical equipment or batteries with household waste. According to European directives, electrical equipment, batteries that have reached the end of their useful life must be collected separately and handed over to an environmentally friendly recycling plant.

PURPOSE


The cordless chainsaw is designed for home use only. It is used for cutting branches, strips, hardwood and softwood. It is suitable for straight cuts. The chainsaw is not intended for commercial use.

NOISE

Noise level corrected by A characteristics determined in accordance with EN 62841-1:
Sound pressure level (LpA): 83.3 dB(A)
Sound power level (LWA): 91.3 dB(A)
Tolerance (K) : 3 dB(A)

NOTE: The declared noise emission value was measured according to the standard test method and can be used to compare one tool with another.

NOTE: The declared noise emission value can also be used for preliminary exposure assessment.


 **WARNING!** Hearing protectors must be worn.

WARNING! Noise emissions during actual use of the power tool may differ from the declared values depending on how the tool is used, especially the type of work being performed.

WARNING! Be sure to determine safety measures to protect the operator that are based on an estimate of exposure under actual conditions of use (taking into account all parts of the work cycle, such as the time when the tool is off and when it is idling, as well as the trigger time).

SAFETY RULES

General

 **WARNING!** Read all warnings and safety information. Failure to follow them may result in electric shock, fire or serious injury.

Retain this manual for future reference.

Work area

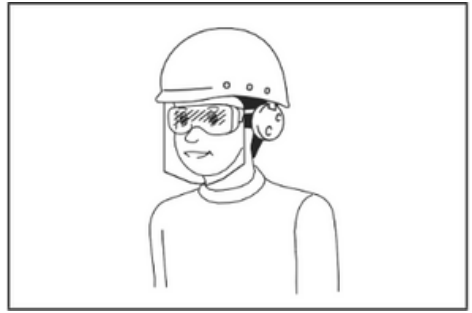
1. Keep work area clean and well lit. Cluttered or dark areas invite accidents.
2. Do not operate power tools near flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
3. Keep children and bystanders away while operating a power tool. Distractions can cause loss of control.

Electrical safety

1. The power tool plug must match the outlet. Do not modify the plug in any way. Do not use any adapter plugs with grounded power tools. Unmodified plugs and matching outlets reduce the risk of electric shock.
2. Avoid body contact with grounded surfaces, such as pipes, radiators, ranges and refrigerators. Body contact with grounding increases the risk of electric shock.
3. Do not expose power tools to rain or moisture. Water entering a power tool increases the risk of electric shock.
4. Never use the cord to carry, pull or unplug the power tool. Keep the cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
5. When operating a power tool outdoors, use an extension cord suitable for outdoor use. Using a cord suitable for outdoor use reduces the risk of electric shock.
6. If operating a power tool in a damp location is unavoidable, use a residual current device (RCD). Using a residual current device reduces the risk of electric shock.
7. Power tools can produce electromagnetic fields (EMF) that are not harmful to the user. However, users of pacemakers and other similar medical devices should consult the manufacturer or doctor for advice before using a power tool.

Personal safety

1. Stay alert, watch what you are doing and use common sense when operating a power tool. Do not operate a power tool while tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating a power tool may result in serious personal injury.
2. Wear personal protective equipment. Always wear eye protection. Protective equipment such as a dust mask, non-skid safety shoes, a hard hat or hearing protection, used under appropriate conditions, will reduce the risk of personal injury.
3. Ensure the switch is in the off-position before connecting to power source or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or connecting power tools with the switch in the on position can lead to accidents.
4. Remove the adjusting key or wrench before turning the power tool on. A key left attached to a rotating part of the power tool can cause personal injury.
5. Do not overreach. Maintain proper posture and balance at all times. This will enable you to have better control of the power tool in unexpected situations.
6. Dress appropriately. Do not wear loose clothing or jewelry. Keep hair and clothing away from moving parts. Loose clothing, jewelry or long hair can be caught in moving parts.
7. If dust extraction and collection facilities are provided, ensure they are connected and properly used. Use of a dust collection system can reduce dust-related hazards.
8. Do not allow familiarity with power tools resulting from frequent use to ignore safety rules. Careless action can cause serious injury in a fraction of a second.
9. When using power tools, always wear safety glasses to protect your eyes from injury. The goggles must comply with European standard EN 166



It is the employer's responsibility to ensure that appropriate protective equipment is worn by tool operators and others in the immediate work area.

Power tool use and maintenance

1. Do not use force. Use the correct power tool for the application. The correct power tool will do the job better and safer at the rate for which it was designed.
2. Do not use a 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.
3. Disconnect the plug from the power source or remove the battery before making any adjustments, changing accessories, or storing the power tool. Such preventive safety measures reduce the risk of starting the power tool accidentally.
4. Store unused power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate them. Power tools are dangerous in the hands of untrained users.
5. Maintain power tools and accessories. Check for misaligned or jammed moving parts, breakage, and any other damage that may affect the power tool's operation. If the power tool is damaged, have it repaired before use. Many accidents are caused by poorly maintained power tools.
6. Keep cutting elements sharp and clean. Properly maintained cutting elements with sharp edges are less likely to jam and are easier to control.
7. Use the power tool, accessories, attachments, etc. in accordance with these instructions, taking into account the working conditions and the type of work being performed. Using the power tool in a manner other than that for which it was designed may lead to hazardous situations.

8. Keep handles and gripping surfaces dry, clean and free from oil and grease. Slippery handles and gripping surfaces do not allow for safe operation and control of the tool in unexpected situations.

9. Do not wear fabric work gloves when using the tool, which can become entangled. Injuries can occur if fabric work gloves become entangled in moving parts.

Use and maintenance of cordless tools

1. Charge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery may create a risk of fire when used with another.

2. Only use power tools with batteries that are designed for this purpose. Using any other battery pack may create a risk of injury and fire.

3. When the battery is not in use, keep it away from other metal objects such as paper clips, coins, keys, nails, screws or other small metal objects that can make a connection between the terminals. Shorting the terminals together may cause burns or fire.

4. Under improper conditions, liquid may squirt from the battery. If accidental contact occurs, rinse with water. If the liquid comes into contact with the eyes, additionally seek medical attention. Liquid leaking from the battery may cause irritation or burns.

5. Do not use a damaged or modified battery or tool. Damaged or modified batteries may behave unpredictably, causing a fire, explosion, or risk of injury.

6. Do not expose the battery or tool to fire or excessive heat. Exposure to fire or temperatures above 130 °C may cause an explosion.

7. Follow the charging instructions and do not charge the battery or tool at temperatures outside the range specified in the instructions. Improper charging or charging outside the specified temperature range may damage the battery and increase the risk of fire.

Service

1. Have your power tool serviced by a qualified repairman using only identical replacement parts. This will ensure the safety of your power tool is maintained.

2. Never attempt to service damaged batteries yourself. Batteries should only be serviced by an authorized service center.

3. Follow the instructions for lubrication and changing accessories.

Battery Chainsaw - Safety

1. Keep all parts of your body away from the saw chain while the saw is in operation. Before starting the saw, make sure that it is not touching any objects. A moment of inattention while operating the saw may cause clothing or body parts to become entangled in the saw chain.

2. Keep the handles dry, clean and free from oil and grease. Greasy, oily handles are slippery and can cause loss of control.

3. Always hold the saw with your right hand on the main handle and your left hand on the handle housing. Holding the chain saw the other way around increases the risk of personal injury and should never be done.

4. Hold the power tool only by insulated gripping surfaces, because the saw may contact hidden wiring. Contacting a live wire with the saw may make exposed metal parts of the power tool live and could give you an electric shock.

5. Wear eye protection and hearing protection. Additional protective equipment for the head, hands, legs and feet is recommended. Appropriate protective clothing will reduce the risk of personal injury from flying debris or accidental contact with the chain.

6. Use clamps or other practical way to secure and support the workpiece on a stable platform. Holding the workpiece by hand or body causes it to become unstable and may lead to loss of control.

7. Make sure you have a firm footing when using the power tool, especially when using it while standing on steps or ladders. Slippery or unstable surfaces can cause you to lose your balance or control over the power tool.

8. The power tool may only come into contact with the workpiece when it is switched on. Otherwise, there is a risk of kickback if the cutting tool becomes pinched in the workpiece.

9. Make sure that the base of the tool is always resting firmly on the ground when cutting. A pinched chain can break or cause kickback.

10. After cutting, switch off the power tool and only remove it after it has stopped to avoid kickback.

11. Only use undamaged saw chains that are in perfect condition. A bent or blunt chain can break, impair the cut or cause kickback.

12. After switching off the tool, do not stop the chain by applying side pressure. The saw chain may be damaged, break or cause kickback.

13. Use suitable detectors to determine if there are hidden power lines or contact your local power company for assistance. Contact with electrical lines can cause fire and electric shock. Damage to gas lines can lead to explosions. Damage to water pipes can cause property damage.

14. The saw chain can break if overloaded. If this happens, replace the power tool or saw chain.

15. Kickback can occur when the nose or tip of the guide bar touches an object or when the wood closes and pinches the saw chain. In some cases, contact with the tip of the guide bar can cause a sudden reverse reaction, throwing the guide bar up and back toward the operator. Pinching the saw chain along the top of the guide bar can cause the guide bar to move rapidly toward the operator. Either of these reactions can cause loss of control of the saw, which could result in serious personal injury. Do not rely solely on the safety features built into the saw. The user of the saw should take several steps to avoid accidents and injuries while cutting. Kickback is the result of tool misuse, incorrect operating procedures or conditions and can be avoided by taking proper precautions as described below:

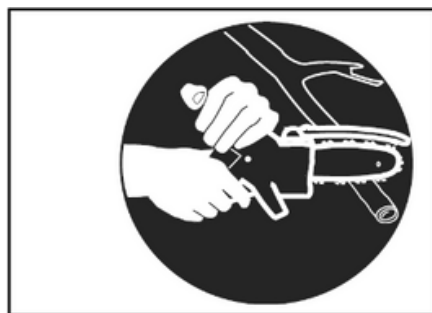
☐ Hold the saw firmly with your thumbs and fingers encircling the saw handles, with both hands on the saw, and position your body and arm to resist kickback forces. Kickback forces can be controlled by the operator if proper precautions are taken. Do not let go of the saw.

☐ Do not overreach or cut above shoulder height. This prevents accidental kickback and allows for better control of the saw in unexpected situations.

☐ Only use guide bars and chains recommended by the manufacturer. Incorrect guide bars and chains can cause the chain to break or kickback.

☐ Follow the manufacturer's recommendations for sharpening and maintaining the saw. Reducing the depth gauge height can lead to increased kickback.

☐



16. Before starting work, check whether the saw is in good working order and whether its technical condition complies with safety regulations. In particular, check whether:

- the safety brake is working properly;
- the guide bar and sprocket cover are properly fitted;
- the chain has been sharpened and tensioned in accordance with the regulations.

17. Do not operate the saw with the bar guard in place. Operating the saw with the guard in place can cause the saw to jump forward, causing personal injury and damage to nearby objects.

18. Avoid hazardous environments. Do not operate the tool in damp or wet locations or expose it to rain. Water entering the tool will increase the risk of electric shock.

19. Do not dispose of the battery in a fire. The cell may explode. Check local regulations for disposal. Nie otwierać ani nie uszkadzać akumulatora.

Released electrolyte is corrosive and may cause damage to eyes or skin. May be toxic if swallowed.

21. Do not charge the battery in rain or in damp locations.

⚠WARNING! Do not let comfort or familiarity with your saw (gained from repeated use) replace strict adherence to safety rules. Misuse or failure to follow the safety rules stated in this manual may result in serious bodily injury

Important Battery Safety Information

- 1.** Before using the battery, read all information and warnings on the charger, battery and the device in which the battery is used.
- 2.** Do not disassemble the battery cartridge.
- 3.** If the battery discharges too quickly or rapidly, stop using it immediately. This may cause a risk of overheating, burns or even explosion.
- 4.** If electrolyte gets into your eyes, rinse them with clean water and consult a doctor immediately. This may cause loss of eyesight.
- 5.** Do not short-circuit the battery:
 - Do not touch the terminals with any conductive material.
 - Avoid storing the battery in a container with other metal objects such as nails, coins, etc. Do not expose the battery to water or rain. Short-circuiting the battery can cause high current flow, overheating, possible burns, or even failure.
- 6.** Do not store tools and batteries in places where the temperature may reach or exceed 40° C.
- 7.** Do not incinerate the battery, even if it is severely damaged or completely worn out. The battery may explode.
- 8.** Be careful not to drop or hit the battery.
- 9.** Do not use a damaged battery.
- 10.** Lithium-ion batteries are subject to hazardous goods regulations. Special packaging and labeling requirements must be observed for commercial transport, e.g. by third parties, freight forwarders. Consultation with a hazardous goods expert is required for the preparation of the item to be shipped. Any more specific national regulations must also be observed. Open contacts must be sealed or masked and the battery must be packed in such a way that it cannot move around in the packaging.
- 11.** When disposing of the battery cartridge, remove it from the tool and dispose of it in a safe place. Local regulations regarding battery disposal must be followed.

12. Only use batteries with products specified by the manufacturer. Installing batteries in incompatible products may cause fire, excessive heat, explosion or electrolyte leakage.

13. If the tool is not used for a long time, remove the battery from the tool.



CAUTION! Only use genuine Cedrus batteries. Using non-genuine or modified batteries may cause an explosion, causing fire, personal injury and damage. This will also void your warranty.

Tips for Maintaining Maximum Battery Life

1. Always charge the battery before it is completely discharged. Always stop using the tool and charge the battery when you notice a drop in tool performance.

2. Never charge a fully charged battery.

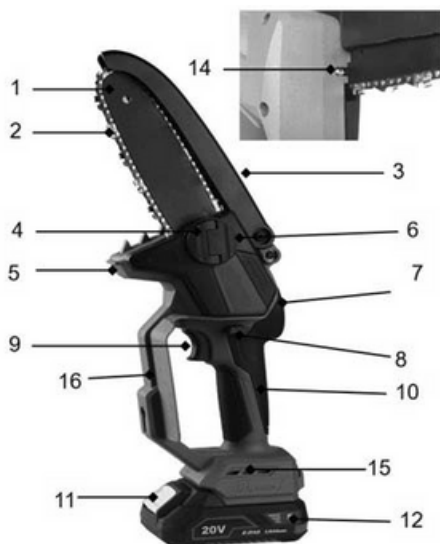
Overcharging will shorten its life.

3. Charge the battery only at room temperature between 5°C and 40°C. Allow the battery to cool down before charging it again.

4. Charge the battery if it will not be used for a long time (more than six months).

DEVICE DESCRIPTION

1. Bar
2. Chain
3. Safety guard
4. Knob
5. Spur
6. Sprocket guard
7. Handle housing
8. Safety lock
9. Switch
10. Main handle
11. Battery release button
12. Battery
13. Bar guard
14. Tensioner screw
15. Ventilation holes
16. Front handle
17. Side (auxiliary) handle
18. Phillips screwdriver



TECHNICAL DATA

Model		CEDCHS150LI-SET
No load speed		5300/min
Total length (without battery)		410 mm
Nominal voltage		DC 20V
Net weight (without battery)		1,3 kg
Maximum cutting length		150 mm
Bar	Length	190 mm
	Gauge	1,3 mm 1/4"
Chain size		38
Number of drive cells		7,9 m/s (0 - 300 m/min)
Chain speed		CEDLI-ION 2AH, CEDLI-ION 4AH,
Compatible Batteries		CEDLI-ION 6AH, CEDLI-ION 8AH
Compatible chargers		CEDFCH2.4, CEDFCH3.5, CEDDCH3.0, CEDFCH8

- ☐ The devices are modernized during production, therefore some data contained in this manual may differ from the actual data.
- ☐ Weight may vary depending on components and attachments, including battery.

FUNCTIONS

CAUTION! Always be sure that the tool is switched off and the battery pack is removed before adjusting or checking tool functions.

Inserting and removing the battery

CAUTION! Always turn off the tool before installing or removing the battery.

CAUTION! Hold the tool and battery firmly when installing or removing the battery. Failure to hold the tool and battery correctly can cause them to slip out of your hands, damaging the tool and battery and causing personal injury.



To remove the battery (2), slide it out of the tool while pressing the button on the front of the battery (1).

To install the battery (2), align the battery connector with the groove in the housing and slide it into place. Slide it all the way in until it locks with a slight click.

CAUTION! Always insert the battery all the way. Otherwise, it may accidentally fall out of the tool, causing injury to the user or bystanders.

CAUTION! Do not force the battery. If the cartridge does not slide in easily, it is not inserted correctly.

Tool/battery protection

☐ Overload protection:

If the tool is operated in a manner that causes excessive current draw, switch the tool off and ~~the~~ continue the operation that caused overload. Then restart the tool. If the tool does not start, the battery is overheated. In this case, wait for the battery to cool down before switching the tool on again.

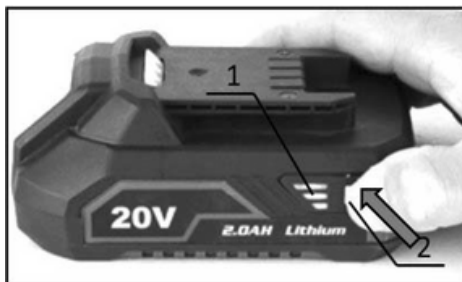
☐ Overheating protection

If the tool or battery overheats, the tool will stop automatically. In this case, you must wait for it to cool down before turning it on again.







☐ Over discharge protection

If the remaining battery capacity is too low, the tool will not operate. In this case, remove and charge the battery.

Charging indicators



Press the control button (2) on the battery so that the charging indicators (1) display the remaining battery capacity. You can find detailed information on the remaining capacity below.

Charging indicators		Remaining Battery Capacity
LED on	LED off	
		75% - 100%
		25% - 50%
		10% - 25%

NOTE! Depending on the conditions of use and ambient temperature, the indication may differ slightly from the actual performance.

Switch operation

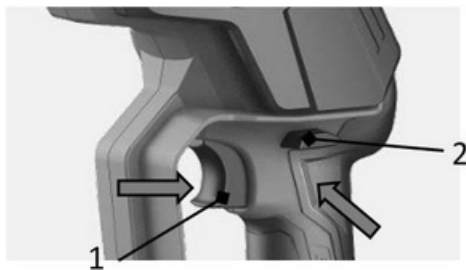
⚠ WARNING! As a safety measure, this tool is equipped with a lockout device that prevents accidental starting of the tool. Never use the tool if it starts when the switch trigger is pulled without depressing the lockout device. Return the tool to an authorized service center for repairs before further use.

⚠ WARNING! Never tape over the lockout device or alter its function.

CAUTION! Before installing the battery pack in the tool, always check to see that the switch operates properly and returns to the off position when released.

CAUTION! Do not press the switch hard without depressing the lockout device. This may damage the switch.

A lockout device is provided to prevent accidental operation of the switch. To start the tool, press the lockout device (2) and press the switch (1). The tool will immediately start at maximum speed. Release the switch to stop the tool.



Checking the safety brake

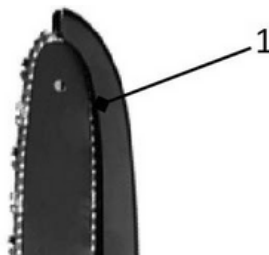
WARNING! If the saw chain does not stop within one second, stop using the saw and consult an authorized service center

Start the saw and then fully release the switch. The chain must stop within one second.

Safety cover

□ The shape of the safety guard largely eliminates the risk of kickback.

□ The saw is optimally protected against kickback by the safety guard with tip protection. Never remove the safety guard. There is a risk of injury.



INSTALLATION

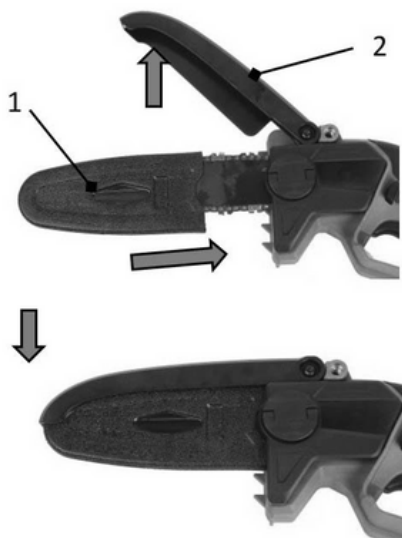
CAUTION! Before carrying out any work on the machine, always make sure that the machine is switched off and the battery is removed.

CAUTION! Do not touch the chain with your bare hands. Always wear protective gloves when working with the saw.

Installing and removing the guide cover

CAUTION! When installing or removing the guide bar cover, be careful not to touch the chain.

- To mount the guide cover (1), lift the safety cover (2) and lightly slide the guide cover along the guide, slide it until it stops, and then release the safety cover.
- To remove the guide cover, perform the assembly steps in reverse order.

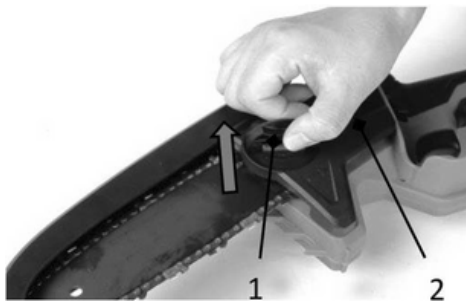


Chain assembly and disassembly

CAUTION! The chain and guide bar are still hot immediately after use. Allow them to cool before carrying out any work on the tool.

To remove the chain, proceed as follows:

1. Pull the knob (1) upwards.



2. Turn the knob counterclockwise until the sprocket cover (2) is removed.

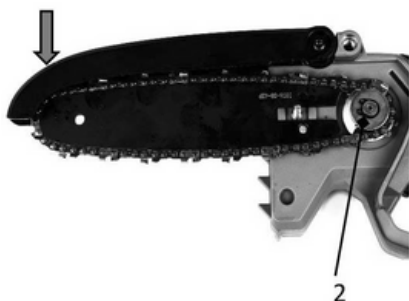
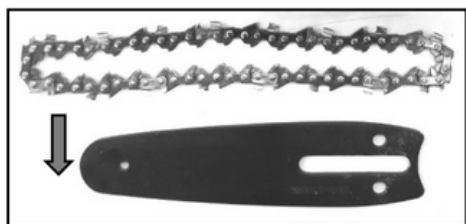
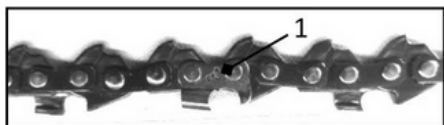


3. Remove the sprocket cover (4), then remove the chain (2) and guide bar (3) from the saw body (1).



To install the chain, follow these steps:

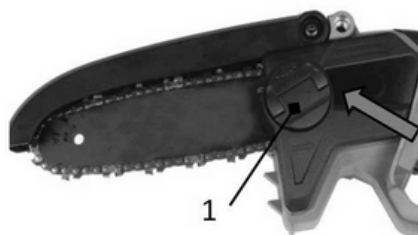
1. Check the chain direction. The marking on the chain (1) indicates the chain direction. Place the chain on the guide bar.
2. Place one end of the chain on the top of the guide bar and the other end on the sprocket wheel (2).
3. Place the guide bar back in its original position on the chain saw.



4. Place the sprocket cover on the saw and align the two protrusions (1,3) on the cover with the two corresponding holes (2,4) as shown below.



5. Turn the knob clockwise until the sprocket cover is secured, then return it to its original position.



Chain tension adjustment **CAUTION!** The chain

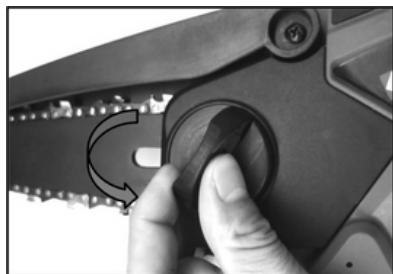
assembly or disassembly

procedure should be carried out in a clean area free from sawdust, etc.

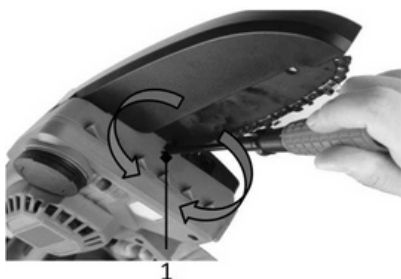
⚠ CAUTION! Do not over-tighten the chain. Too much tension can cause the chain to break, wear the guide bar and break the adjustment knob.

⚠ CAUTION! A chain that is too loose can jump off the guide bar and cause personal injury. The chain can become loose after many hours of use. Check the chain tension from time to time before starting work.

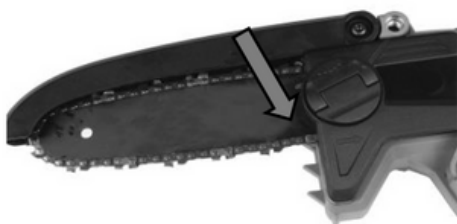
1. Pull the knob up. Turn the knob counterclockwise to slightly loosen the sprocket cover.



2. Adjust the chain tension. Turn the chain tensioner screw clockwise to tighten or counterclockwise to loosen. To check the proper tension, pull the chain with a force of about 1 kg. If the distance between the center of the bottom of the guide bar and the chain is 3-4 mm, as shown below, the tension is proper.



3. Turn the knob clockwise until the sprocket cover is secured, then return it to its original position.



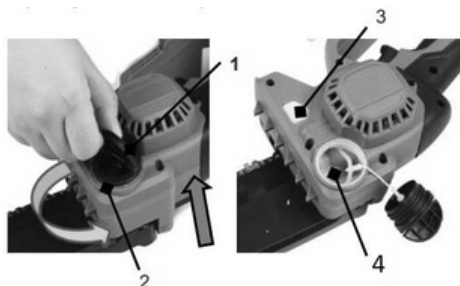
NOTE! Make sure that the saw chain is not loose at the bottom and is tight against the bottom of the guide bar.

LUBRICATION

Automatic lubrication system

The saw is automatically lubricated during tool operation. Periodically check the amount of oil remaining in the oil tank (4) through the transparent window (3).

To fill the tank, lay the saw on its side, pull the lever (1) up and turn it counterclockwise to remove the oil tank cap (2). After refilling the tank, make sure the oil tank cap is securely tightened.



NOTE: When filling the chain oil for the first time or when refilling the tank after it has been completely empty, the oil must be added to the lower edge of the filler neck. Otherwise the oil supply may be impaired.

⚠CAUTION: Only use chainsaw oil recommended by the manufacturer.

⚠CAUTION: Never use oil containing dust, particles or oil.

⚠CAUTION: When pruning trees, use biodegradable oil. Mineral oil can damage trees.

⚠CAUTION: Before starting to cut, make sure the oil tank cap is tightened.

OPERATION

⚠CAUTION! Never remove the safety guard while operating. There is a risk of injury!

⚠CAUTION! Never reach over the safety guard or under the spur. There is a risk of injury!

⚠CAUTION! Do not cut if the chain is in contact with the workpiece or may strike something. This can result in serious injury.

⚠CAUTION! Secure loose parts before cutting. Remove foreign objects such as nails, screws, etc.

⚠CAUTION! Hold the chain saw firmly with both hands while the engine is running.

⚠CAUTION! Do not overreach. Maintain proper balance at all times.

⚠CAUTION! When cutting branches that are under tension, be careful of kickback. When the tension in the wood fibers is released, the branch can strike the operator or cause loss of control of the saw.

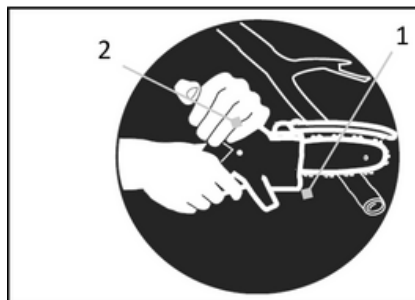
⚠CAUTION! Be especially careful when cutting brush and saplings. Thin material can catch the saw chain and be thrown back toward the operator or throw him off balance.

⚠CAUTION! Never throw or drop the tool.

⚠CAUTION! Do not cover the tool's ventilation openings.

Before switching on the saw, the spur (1) of the saw must be in contact with the surface of the workpiece being cut. Otherwise, the guide bar may wobble. The workpiece must be moved downwards, applying light pressure to the saw, but the chain speed should not be much slower.

If you are unable to cut the workpiece in one movement, apply light pressure to the handle and continue cutting, then pull the saw back a little and finish the cut.



Handling the saw

Before carrying the tool, always remove the battery and then replace the guide bar cover (1).



MAINTENANCE AND STORAGE CAUTION!

Always make sure that the tool is switched off and the battery removed before carrying out any inspection or maintenance.

CAUTION! Always wear gloves when carrying out any inspection or maintenance work.

CAUTION! Never use gasoline, thinner, alcohol, etc. for cleaning. This can cause discoloration, deformation or cracks.

To maintain safety and reliability, repairs, any other maintenance or adjustments should be carried out by an authorized service center, always using replacement parts recommended by the manufacturer

Chain sharpening

Sharpen your saw chain (saw teeth) when:

- sawdust becomes loose;
- additional force is required to make the cut;
- straight cut is no longer possible;
- vibrations become stronger;

A dull chain should be resharpened. To sharpen the chain, use a chain sharpener and make sure the chain is sharpened at a 30° angle. You should also have the chain sharpened by an authorized service center. If the damage is significant and cannot be repaired by filing, the chain should be replaced.

Cleaning the guide

Chips and sawdust will accumulate in the guide bar groove. They can clog the groove and impede oil flow. Chips and sawdust should be removed every time the chain is sharpened or replaced.

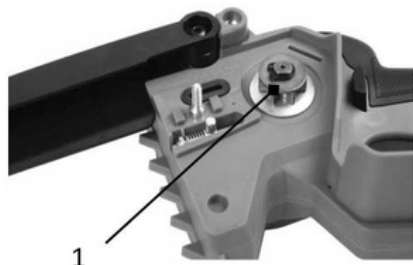


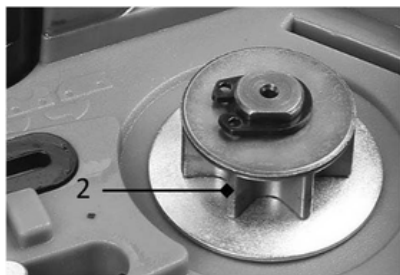
Cleaning the sprocket cover Chips and dust will collect inside the sprocket cover. Remove the sprocket cover and saw chain from the tool and clean the chips and dust.



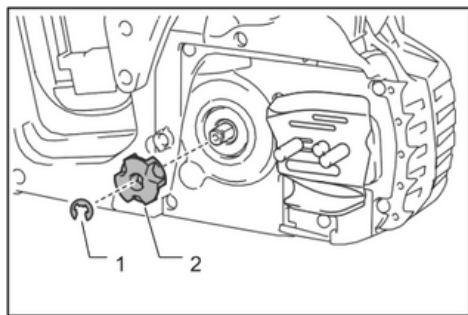
Replacing the sprocket

NOTE! A worn sprocket can damage the new chain. In this case, have it replaced. Before installing a new chain, check the condition of the sprocket.





Always put on a new retaining ring (2) when replacing the sprocket.



NOTE: Make sure that the sprocket is installed as shown in the figure.

Storage

1. Clean the tool before storage. Remove shavings and sawdust from the tool after removing the pinion guard.
2. After cleaning the tool, run it without a load to lubricate the cutting chain and guide bar.
3. Cover the guide bar with the guide bar cover.

OPTIONAL ACCESSORIES

CAUTION: These accessories or attachments are recommended for use with the tool described in this manual. Use of other accessories or attachments may pose a risk of personal injury. Use accessories or attachments for their ~~intended~~ ~~purpose~~.

If assistance is required for specific information on these accessories, contact an authorized service center.

- ☒ chain
- ☐ safety guard
- ☐ bar guard
- ☐ original Cedrus battery and charger

⚠ If you purchase a guide with a different length than the standard guide, you must also purchase a suitable guide cover. It must fit the guide and completely cover it.

⚠ NOTE: Some items in the list may be included as standard accessories.

MAINTENANCE SCHEDULE

To ensure a long service life, prevent damage and ensure full operation of safety features, the following maintenance work must be performed regularly. Warranty claims can only be recognized if this work is performed regularly and correctly. Failure to observe the recommended maintenance tasks may lead to accidents. The user of the chainsaw must not perform maintenance work that is not described in the operating instructions. All such work must be performed by authorized service centers.

Component / Operating Time		Before use	Everyday	Every week	Every 3 months	Every year	Before storage
Chainsaw	Check	✓	-	-	-	-	-
	Clean	-	✓	-	-	-	-
	Check with an authorized service center	-	-	-	-	✓	✓
Chain	Check	✓	-	-	-	-	-
	Sharpen when needed	-	-	-	-	-	✓
Safety cover	Check	✓	✓	-	-	-	-
Chain brake	check the operation	✓	-	-	-	-	-
	Check with an authorized service center	-	-	-	✓	-	-
Switch	Check	✓	-	-	-	-	-
Lock	Check	✓	-	-	-	-	-
Bolts and nuts	Check	-	-	✓	-	-	-

TROUBLESHOOTING

Before ordering a repair, make your own inspection first. If a problem occurs that is not explained in the instructions, do not attempt to disassemble the tool. Instead, contact an authorized service center.

Problem	Cause	Solution
The chainsaw does not start.	The battery is not installed.	Install a charged battery.
	Battery problem (low voltage).	Recharge the battery again. If recharging is not effective, replace the battery pack.
The motor stops working after a short period of use.	Low battery charge.	Recharge the battery again. If recharging is not effective, replace the battery pack.
No oil on the chain.	No lubricating oil.	Refill the oil.
The saw does not reach maximum speed.	The battery pack is incorrectly installed.	Install the battery as described in this manual.
	The power of the battery decreases.	Recharge the battery again. If recharging is not effective, replace the battery pack.
	The drive is not working properly.	Contact an authorized service center.
Abnormal vibration: Stop the saw immediately!	Loose guide bar or cutting chain.	Adjust the tension of the guide bar and cutting chain.
	Tool failure.	Contact an authorized service center.