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User manual



Cordless Grass Trimmer

MODEL NUMBER:
SERIAL NUMBER:

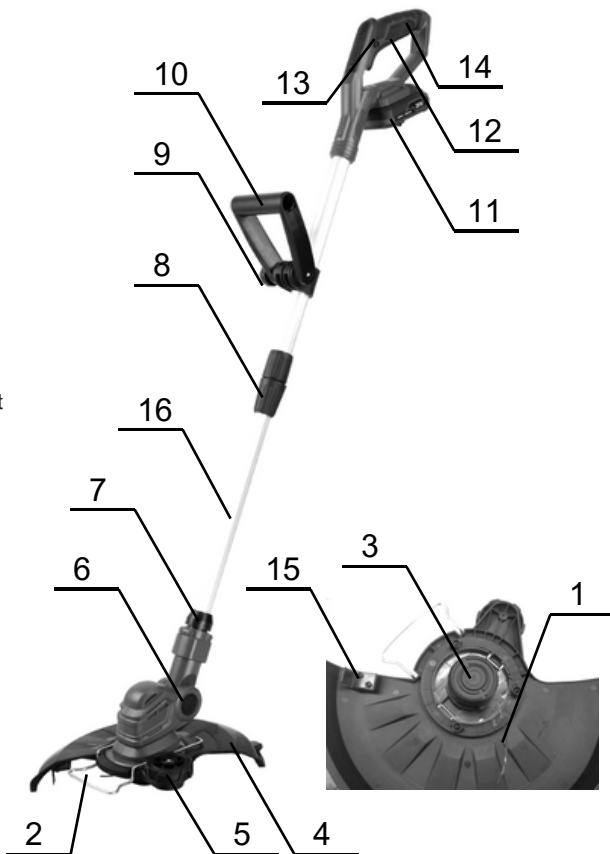
☐ CEDST280Li

Model number and serial number should be on nameplate.
You should write them down and store in a safe place.



IDENTIFICATION

- 1.Nylon cord
- 2.Wire guard
- 3.Nylon cutting head
- 4.Protector
- 5.Idler Wheel
- 6.Adjust button for pivoting head
- 7.Adjust knob for pivoting head
- 8.Rotary switch for expand and contract
- 9.Thumb nut
- 10.Front grip
- 11.Battery cartridge
- 12.Switch trigger
- 13.Lock-off button
- 14.Soft handle (Main handle)
15. Cutter
- 16.Shaft



SPECIFICATIONS

Model:

No load speed (without cutting tool)		CEDST280Li
		9,000 min-1
Applicable cutting tool and cutting diameter	Nylon cutting head	280 mm
Rated voltage		D.C. 20 V
Telescopic handle length		1,000 ~ 1360 mm
Net weight approximately (Bare tool)		2 kg

- Due to our continuing program of research and development, the specifications herein are subject to change without notice.
- Specifications and battery cartridge may differ from country to country.
- The weight may differ depending on the attachment(s), including the battery cartridge.

Applicable battery cartridge and charger

battery cartridge	CEDLi-Ion 2Ah, CEDLi-Ion 4Ah, CEDLi-Ion 6Ah
battery charger	CEDFCH2.4, CEDDCH3.0, CEDFCH3.5

- Some of the battery cartridges and chargers listed above may not be available depending on your region of residence.

WARNING: Only use the battery cartridges and chargers listed above. Use of any other battery cartridges and chargers may cause injury and/or fire.

NOISE

The typical A-weighted noise level determined according to EN 50636-2-91

Type	Sound pressure level average	
	LP (dB(A))	Uncertainty K (dB(A))
Nylon cord	76	3

- Even if the sound pressure level listed above is 80 dB (A) or less, the level under working may exceed 80 dB (A). Wear ear protection.

Vibration

The vibration total value (tri-axial vector sum) determined according to EN 50636-2-91

Type	Main handle		Auxiliary handle	
	a _{h,w} (m/s ²)	Uncertainty K (m/s ²)	a _{h,w} (m/s ²)	Uncertainty K (m/s ²)
Nylon cord	≤ 2.5	1.5	≤ 3.5	1.5

NOTE: The declared vibration emission value has been measured in accordance with the standard test method and may be used for comparing one tool with another.

NOTE: The declared vibration emission value may also be used in a preliminary assessment of exposure.

WARNING: The vibration emission during actual use of the power tool can differ from the declared emission value depending on the ways in which the tool is used.

WARNING: Be sure to identify safety measures to protect the operator that are based on an estimation of exposure in the actual conditions of use (taking account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle in addition to the trigger time).

Symbols

The following show the symbols used for the equipment. Be sure that you understand their meaning before use.

	Take particular care and attention.
	Read instruction manual.
	Danger; be aware of thrown objects.
	The distance between the tool and bystanders must be at least 15 m.
	Keep bystanders away.
	Keep distance at least 15 m.
	Wear a helmet, goggles and ear protection.
	Wear protective gloves.
	Wear sturdy boots with nonslip soles. Steeltoed safety boots are recommended.
	Do not expose to moisture.
	Never use metal blade.
	Only for EU countries Do not dispose of electric equipment or battery pack together with household waste material! In observance of the European Directives, on Waste Electric and Electronic Equipment and Batteries and Accumulators and Waste Batteries and Accumulators and their implementation in accordance with national laws, electric equipment and batteries and battery pack(s) that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility.

Intended use

The cordless grass trimmer is only intended for cutting grass, light weeds. It should not be used for any other purpose such as hedge cutting as this may cause injury.

SAFETY WARNINGS

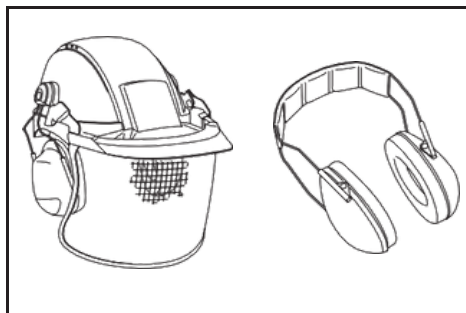
IMPORTANT SAFETY INSTRUCTION

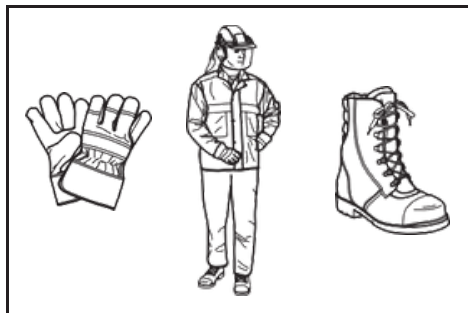
WARNING: Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

1. Be familiar with the controls and proper use of the equipment.
2. Cutting elements continue to rotate after the motor is switched off.
3. Never allow children or people unfamiliar with the instructions to use the machine. Local regulations may restrict the age of the operator.
4. Stop using the machine while people, especially children, or pets are nearby.
5. Only use the machine in daylight or good artificial light. Avoid using the machine in bad weather conditions especially when there is a risk of lightning.
6. Before using the machine and after any impact, check for signs of wear or damage and repair as necessary.
7. Take care against injury from any device fitted for trimming the filament line length. After extending new cutter line always return the machine to its normal operating position before switching on.
8. Never fit metal cutting elements.
9. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance. Use the tool with the utmost care and attention.
10. Operate the tool only if you are in good physical condition. Perform all work calmly and carefully. Use common sense and keep in mind that the operator or user is responsible for accidents or hazards occurring to other people or their property.
11. Never operate the tool when tired, feeling ill or under the influence of alcohol or drugs.
12. The tool should be switched off immediately if it shows any signs of unusual operation.
13. Keep fingers away from switch trigger when not operating the tool and when moving from one operating position to another.

Personal protective equipment





1. Dress Properly. The clothing worn should be functional and appropriate, i.e. it should be tight-fitting but not cause hindrance. Do not wear either jewelry or clothing which could become entangled with high grass. Wear protective hair covering to contain long hair.
2. When using the tool, always wear sturdy shoes with a non-slip sole. This protects against injuries and ensures a good footing.
3. Always wear protective goggles to protect your eyes from injury when using power tools. The goggles must comply with ANSI Z87.1 in the USA, EN 166 in Europe, or AS/NZS 1336 in Australia/New Zealand. In Australia/New Zealand, it is legally required to wear a face shield to protect your face, too.



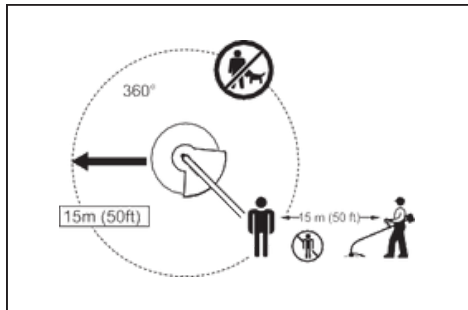
It is an employer's responsibility to enforce the use of appropriate safety protective equipments by the tool operators and by other persons in the immediate working area.

Electrical and battery safety

1. Avoid dangerous environment. Don't use the tool in damp or wet locations or expose it to rain. Water entering the tool will increase the risk of electric shock.
2. 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.
3. Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
4. When 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.

5. Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, seek medical help. Liquid ejected from the battery may cause irritation or burns.
6. Do not dispose of the battery(ies) in a fire. The cell may explode. Check with local codes for possible special disposal instructions. Do not open or mutilate the battery(ies). Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
7. Do not charge battery in rain, or in wet locations.

Starting up the tool



1. Make sure that there are no children or other people within a working range of 15 meters (50 ft), also pay attention to any animals in the working vicinity. Otherwise stop using the tool.
2. Before use always check that the tool is safe for operation. Check the security of the cutting tool and the guard and the switch trigger/lever for easy and proper action. Check for clean and dry handles and test the on/off function of the switch.
3. Check damaged parts before further use of the tool. A guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other condition that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by our authorized service center unless indicated elsewhere in this manual.
4. Switch on the motor only when hands and feet are away from the cutting tool.
5. Before starting make sure that the cutting tool has no contact with hard objects such as branches, stones etc. as the cutting tool will revolve when starting. Make sure there are no electrical cables, water pipes, gas pipes etc. that could cause a hazard if damaged by use of the tool.

Method of operation

1. Never operate the machine with damaged guards or without the guards in place.
2. Only use the tool in good light and visibility. During the winter season beware of slippery or wet areas, ice and snow (risk of slipping). Always ensure a safe footing.
3. Take care against injury to feet and hands from the cutting tool.

4. Keep hands and feet away from the cutting means at all times and especially when switching on the motor.
5. Never cut above waist height.
6. Never stand on a ladder and run the tool.
7. Never work on unstable surfaces.
8. Don't overreach. Keep proper footing and balance at all times.
9. Remove sand, stones, nails etc. found within the working range. Foreign particles may damage the cutting tool and can cause to be thrown away, resulting in a serious injury.
10. Should the cutting tool hit stones or other hard objects, immediately switch off the motor and inspect the cutting tool.
11. Before commencing cutting, the cutting tool must have reached full working speed.
12. During operation always hold the tool with both hands. Never hold the tool with one hand during use. Always ensure a safe footing.
13. All protective equipment such as guards supplied with the tool must be used during operation.
14. Except in case of emergency, never drop or cast the tool to the ground or this may severely damage the tool.
15. Never drag the tool on the ground when moving from place to place, the tool may become damaged if moved in this manner.
16. Always remove the battery cartridge from the tool:
 - whenever leaving the tool unattended;
 - before clearing a blockage;
 - before checking, cleaning or working on the tool;
 - before making any adjustments, changing accessories or storing;
 - whenever the tool starts vibrating unusually;
 - whenever transporting the tool.
17. Don't force the tool. It will do the job better and with less likelihood of a risk of injury at the rate for which it was designed.
18. 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.
19. Take a rest to prevent loss of control caused by fatigue. We recommend to take a 10 to 20-minute rest every hour.
20. Do not use the tool on steep slopes.
21. The shoulder harness must be used during operation, if supplied with the tool.

Maintenance instructions

1. The condition of the cutting tool, protective devices and shoulder harness must be checked before commencing work.
2. Turn off the motor and remove the battery cartridge before carrying out maintenance, inspecting the cutting tool and cleaning the tool.
3. After use, disconnect the battery cartridge from the tool and check for damage.
4. Check for loose fasteners and damaged parts such as nearly halfway cut-off state in the cutting tool.
5. When not in use store the equipment in a dry location that is locked up or out of children's reach.
6. Use only the manufacturer's recommended replacement parts and accessories.
7. Always ensure that ventilation openings are kept clear of debris.
8. Inspect and maintain the tool regularly, especially before/after use. Have the tool repaired only by our authorized service center.
9. Keep handles dry, clean and free from oil and grease.

SAVE THESE INSTRUCTIONS.

WARNING: Do NOT let comfort or familiarity with product (gained from repeated use) replace strict adherence to safety rules for the subject product. MISUSE or failure to follow the safety rules stated in this instruction manual may cause serious personal injury.

battery cartridge

1. Before using battery cartridge, read all instructions and cautionary markings on (1) battery charger, (2) battery, and (3) product using battery.
 2. Do not disassemble battery cartridge.
 3. If operating time has become excessively shorter, stop operating immediately. It may result in a risk of overheating, possible burns and even an explosion.
 4. If electrolyte gets into your eyes, rinse them out with clear water and seek medical attention right away. It may result in loss of your eyesight.
 5. Do not short the battery cartridge:
 - (1) Do not touch the terminals with any conductive material.
 - (2) Avoid storing battery cartridge in a container with other metal objects such as nails, coins, etc.
 - (3) Do not expose battery cartridge to water or rain.
- A battery short can cause a large current flow, overheating, possible burns and even a breakdown.
6. Do not store the tool and battery cartridge in locations where the temperature may reach or exceed 50 °C (122 °F).
 7. Do not incinerate the battery cartridge even if it is severely damaged or is completely worn out. The battery cartridge can explode in a fire.
 8. Be careful not to drop or strike battery.
 9. Do not use a damaged battery.
 10. The contained lithium-ion batteries are subject to the Dangerous Goods Legislation requirements.
- For commercial transports e.g. by third parties, forwarding agents, special requirement on packaging and labeling must be observed.
- For preparation of the item being shipped, consulting an expert for hazardous material is required. Please also observe possibly more detailed national regulations.
- Tape or mask off open contacts and pack up the battery in such a manner that it cannot move around in the packaging.

11. Follow your local regulations relating to disposal of battery.
 12. Use the batteries only with the products specified by Cedrus. Installing the batteries to non-compliant products may result in a fire, excessive heat, explosion, or leak of electrolyte.
- SAVE THESE INSTRUCTIONS.**

⚠ CAUTION: Only use genuine Cedrus batteries. Use of non-genuine Cedrus batteries, or batteries that have been altered, may result in the battery bursting causing fires, personal injury and damage. It will also void the Cedrus warranty for the Cedrus tool and charger.

Tips for maintaining maximum battery life

1. Charge the battery cartridge before completely discharged. Always stop tool operation and charge the battery cartridge when you notice less tool power.
2. Never recharge a fully charged battery cartridge. Overcharging shortens the battery service life.
3. Charge the battery cartridge with room temperature at 5 °C - 45 °C . Let a hot battery cartridge cool down before charging it.

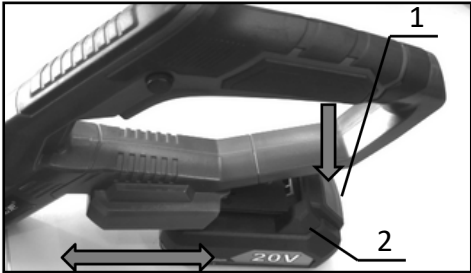
FUNCTIONAL DESCRIPTION

⚠ WARNING: Always be sure that the tool is switched off and the battery cartridge is removed before adjusting or checking function on the tool. Failure to switch off and remove the battery cartridge may result in serious personal injury from accidental start-up.

Installing and removing battery cartridge

⚠ CAUTION: Always switch off the tool before installing or removing of the battery cartridge.

⚠ CAUTION: Hold the tool and the battery cartridge firmly when installing or removing battery cartridge. Failure to hold the tool and the battery cartridge firmly may cause them to slip off your hands and result in damage to the tool and battery cartridge and a personal injury.



► 1. Button 2. Battery cartridge

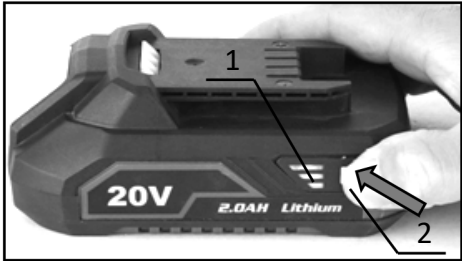
To remove the battery cartridge, slide it from the tool while sliding the button on the front of the cartridge.

To install the battery cartridge, align the tongue on the battery cartridge with the groove in the housing and slip it into place. Insert it all the way until it locks in place with a little click.

⚠ CAUTION: Always install the battery cartridge fully. If not, it may accidentally fall out of the tool, causing injury to you or someone around you.

⚠ CAUTION: Do not install the battery cartridge forcibly. If the cartridge does not slide in easily, it is not being inserted correctly.

capacity



► 1. Indicator lamps 2. Check button

Press the check button on the battery cartridge to indicate the remaining battery capacity. The indicator lamps light off immediately when release the check button.

Indicator lamps		Remaining capacity
Lighted	Off	
		75% to 100%
		25% to 50%
		10% to 25%

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

Tool battery protection system

This system automatically cuts off power to the motor to extend tool and battery life. The tool will automatically stop during operation if the tool or battery is placed under one of the following conditions:

Overload protection

When the battery is operated in a manner that causes it to draw an abnormally high current, the tool automatically stops. In this situation, turn the tool off and stop the application that caused the tool to become overloaded. Then turn the tool on to restart.

Overheat protection

When the battery is overheated, the tool stops automatically. In this case, let the tool and battery cool before turning the tool on again.

Overdischarge protection

When the battery capacity is not enough, the tool stops automatically. In this case, remove the battery from the tool and charge the battery.

Switch action

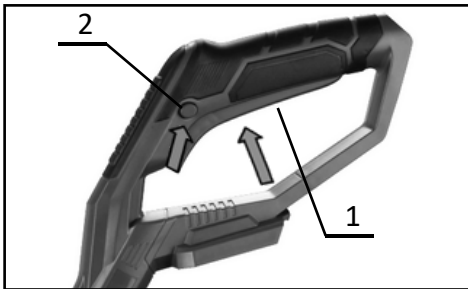
WARNING: Before installing the battery

! cartridge into the tool, always check to see that the switch trigger actuates properly and returns to the "OFF" position when released.

! **WARNING:** For your safety, this tool is equipped with the lock-off button which prevents the tool from unintended starting. Never use the tool if it starts when you pull the switch trigger without pressing the lock-off button. Ask your local Cedrus Service Center for repairs.

! **WARNING:** Never disable the lock function or tape down the lock-off button.

NOTICE: Do not pull the switch trigger forcibly without pressing the lock-off button. The switch may break.



► 1. Switch trigger 2. Lock-off button

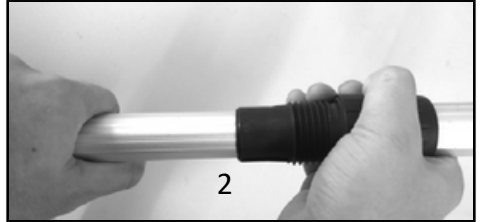
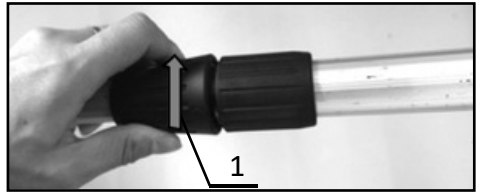
To prevent the switch trigger from being accidentally pulled, a lock-off button is provided.

To start the tool, press the lock-off button and pull the switch trigger. Release the switch trigger to stop.

Adjusting the length of shaft

! **CAUTION:** Before adjusting the shaft length, be sure to switch off the tool and remove the battery cartridge from the tool. Failure to do so may cause a personal injury.

Adjust the length of the shaft so that you can hold the handle when lowering your right hand.



► 1. Rotary switch 2. Shaft

To adjust the shaft length, turn clockwise to loosen enough the rotary switch, then adjust the length of the shaft as desired, and then turn anticlockwise to tighten the rotary switch as far as it can go.

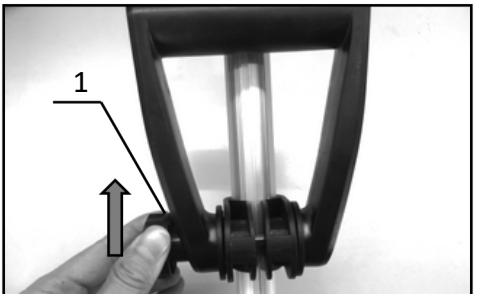
! **CAUTION:** After adjusting the shaft length, make sure that the shaft is firmly secured.

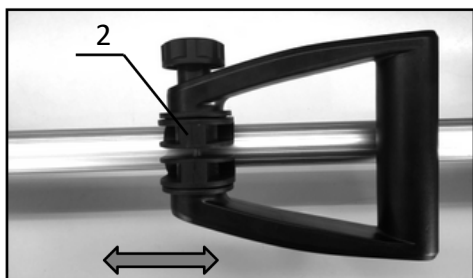
Adjusting the position of front grip

! **CAUTION:** Before adjusting the front grip, be sure to switch off the tool and remove the battery

cartridge from the tool. Failure to do so may cause a personal injury.

Adjust the position of the front grip so that you can hold the front grip when lowering your left hand.





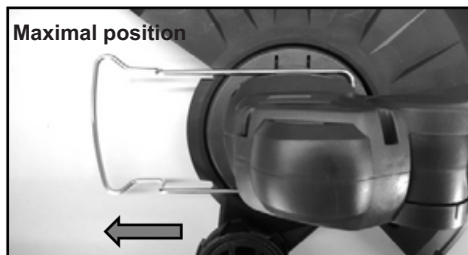
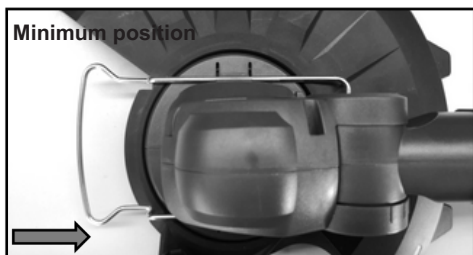
► 1. Thumb nut 2. Front grip holder

To adjust the position of the front grip, turn clockwise to loosen enough the thumb nut, then adjust the position of the front grip holder as desired, and then turn anticlockwise to tighten the thumb nut as far as it can go.

CAUTION: After adjusting the front grip position, make sure that the front grip holder is firmly secured.

Adjusting the wire guard

To reduce the risk of damaging the objects in front of the cutting head, a wire guard is provided to controls the cutting range.



► 1. Wire guard

To adjust the position of the wire guard, push it a little bit forward or backward to your desired position. And there is two locked position, respectively for controlling the minimum and maximal cutting range.

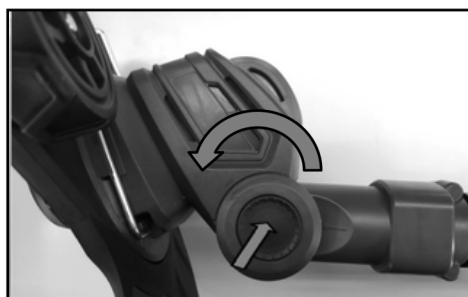
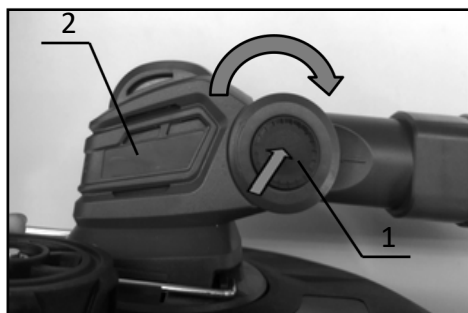
CAUTION: After adjusting the wire guard, make sure that the wire guard is firmly secured.

Adjusting the horizontal angle of the pivoting head

Adjust the horizontal angle of the pivoting head for you to do better working when in various working area.

To adjust the horizontal angle of the pivoting head, press down the adjust button and turn the pivoting head clockwise or anticlockwise to adjust the angle. When adjusted to your desired angle, release the adjust button to lock on.

The angle can be adjusted of total 67.5 degree in 3 stages. Adjust as desired.



► 1. Adjust button for pivoting head 2. Pivoting head

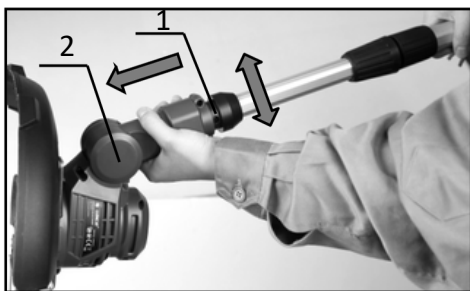
⚠ CAUTION: After adjusting the pivoting head, make sure that the pivoting head is firmly secured.

Adjusting the vertical angle of the pivoting head

Adjust the vertical angle of the pivoting head when using the grass trimmer as an edger

To adjust the vertical angle of the pivoting head, pull the pivoting head and then turn the shaft clockwise or anticlockwise to adjust the angle. When adjusted to your desired angle, the adjust knob will lock on in place itself automatically.

The angle can be adjusted both sides of each total 90 degree. Adjust as desired.

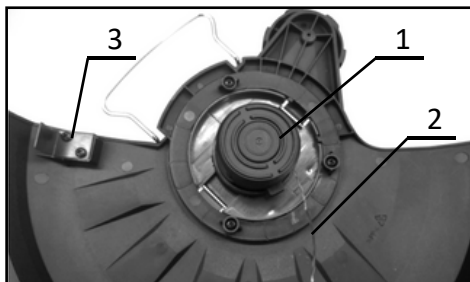


► 1. Adjust knob for pivoting head 2. Pivoting head

⚠ CAUTION: After adjusting the pivoting head, make sure that the pivoting head is firmly secured.

Nylon cutting head

NOTE: If the nylon cord does not feed out while start running the tool each time, rewind or replace the nylon cord by following the procedures in this manual.



► 1. Nylon cutting head 2. Nylon cord 3. Cutter on the protector

The nylon cutting head has a auto feed mechanism.

To feed the nylon cord, start running the tool and it will automatically feed about 3mm each time. Then stop the tool and start running it again and it will feed another 3mm. While the nylon cord is feeding out enough, it will automatically be cut to the proper length by the cutter.

ASSEMBLY

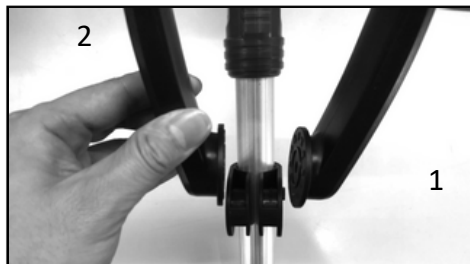
⚠ CAUTION: Always be sure that the tool is switched off and the battery cartridge is removed before carrying out any work on the tool.

⚠ CAUTION: Never start the tool unless it is completely assembled. Operation of the tool in a partially assembled state may result in serious personal injury from accidental start-up.

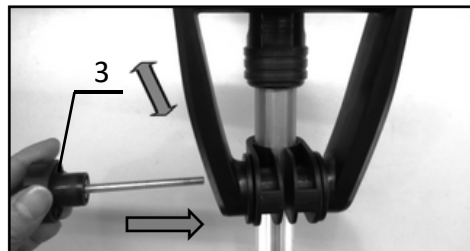
Installing the front grip

To install the front grip, perform the following steps:

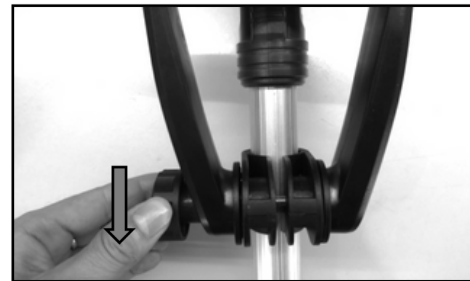
1. Attach the front grip to the front grip holder.



2. Secure it with a thumb nut as shown in the figure.



3. Tighten the thumb nut anticlockwise as far as it can go.



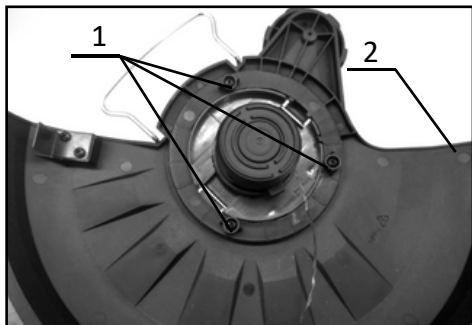
► 1. Front grip 2. Front grip holder 3. Thumb nut

The front grip angle is adjustable. To adjust the front grip angle, loosen the thumb nut, set the front grip at an proper angle according to your work and then tighten the thumb nut anticlockwise firmly.

Installing/uninstalling the protector

1. To install the protector, mount the protector by fitting it on to the motor housing, and then secure it with three screws clockwise.

2. To uninstall the protector, perform the install steps in reverse.



► 1. Screw 2. Protector

OPERATION

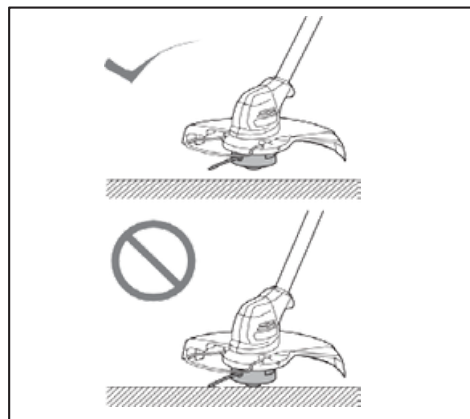
Cutting the grass

Hold the grass trimmer at the angle of about 50° to the ground. Move the grass trimmer from right to left slowly. Cut the grass a few times from the top of the grass at the tip of the nylon cord.

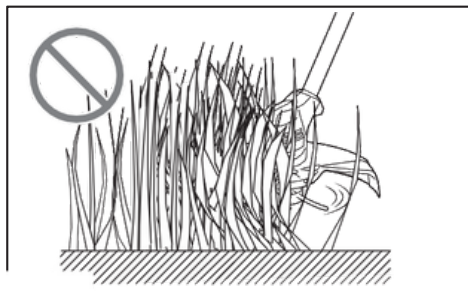
NOTICE: Do not cut high grass at a time. Cutting the high grass at a time near the root may cause the nylon cutting head to be entangled by grass. This may cause the motor overload, resulting in damage to the grass trimmer.

NOTICE: Use the grass trimmer without getting the spool into a contact with the ground

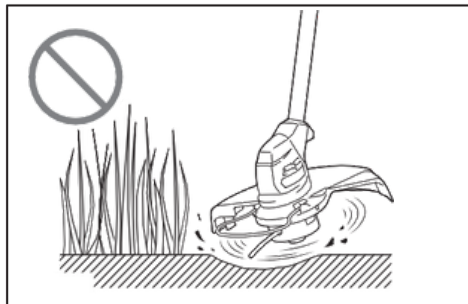
surface. Using the spool contacting the ground surface may cause the motor under overload resulting in damage to the grass trimmer.



NOTICE: Do not force the trimmer in densely growing grass.

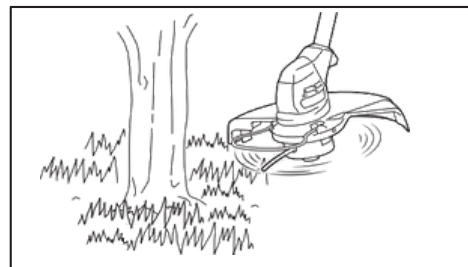


NOTICE: Do not use the trimmer as if you dig out the ground.



Cutting the grass near tree, block, brick, or stone

Hold and tilt the grass trimmer at a height where the spool does not touch the ground. Cut the grass using the nylon cord tip like knocking the ground.

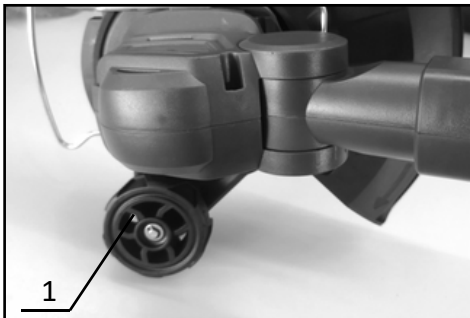


NOTICE: When cutting the grass, move the grass trimmer around the tree or blocks so that the nylon cord does not touch the tree or blocks.

It is recommended to keep the tool more than 5 cm away from the tree or block. If the nylon cord touches the tree or block, the nylon cord may be torn rapidly. If the nylon cord is torn in the spool, set the nylon cord again referring to the replacement procedure in this manual.

Using the grass trimmer as an edger

A idler wheel is also provided for easy and better operation while using the grass trimmer as an edger.



► 1. Idler wheel

Using the grass trimmer as an edger is suitable for cutting the grass growing along the bricks or blocks. Adjust the vertical and horizontal angle of the pivoting head.

As shown in the figure, use the idler wheel to move the grass trimmer to cut the grass. You can cut the grass efficiently by walking in parallel along the bricks or blocks.



MAINTENANCE

WARNING: Always be sure that the tool is switched off and battery cartridge is removed before attempting to perform inspection or main-

tenance on the tool. Failure to switch off and remove the battery cartridge may result in serious personal injury from accidental start-up.

NOTICE: Never use gasoline, benzine, thinner, alcohol or the like. Discoloration, deformation or

cracks may result.

To maintain product SAFETY and RELIABILITY, repairs, any other maintenance or adjustment should be performed by Cedrus Authorized or Factory Service Centers, always using Cedrus replacement parts.

Replacing the nylon cord set

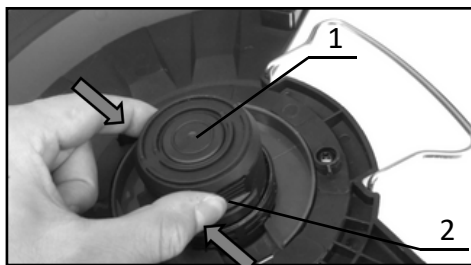
WARNING: Use nylon cord with diameter specified in "SPECIFICATIONS" only. Never use heavier line, metal wire, rope or the like. Use recommended nylon cord only, otherwise it may cause damage to the tool and result in serious personal injury.

WARNING: Make sure that the cover of the nylon cutting head is secured to the housing properly as described below. Failure to properly secure the cover may cause the nylon cord set to fly apart resulting in serious personal injury.

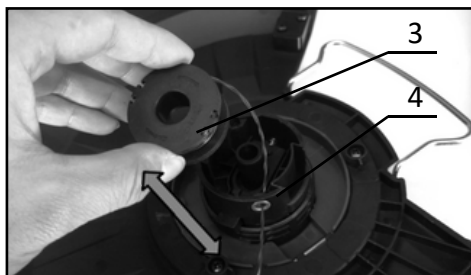
When using up the nylon cord, you need to replace with a new nylon cord set.

To replace a new nylon cord set, perform the following steps:

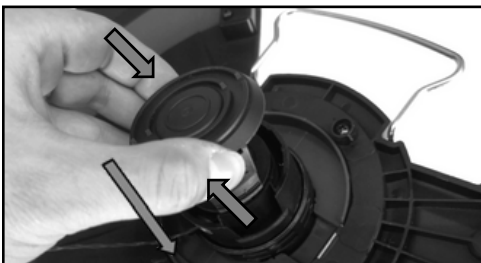
1. Depress the button of the cover both sides a little bit and then remove the old one.



2. Mount a new one by fitting it on to the original place with the nylon cord tip through the hole.



3. Depress the button of the cover both sides a little bit again and then inset it into the original place with a little click.



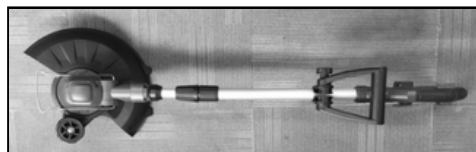
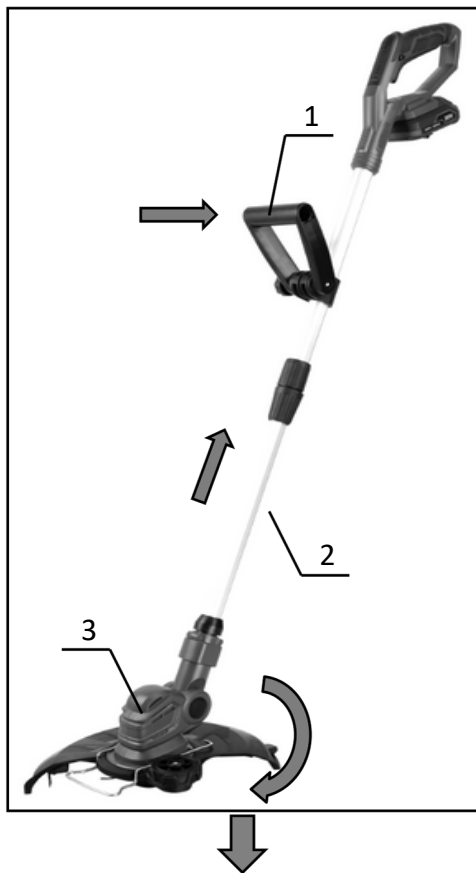
► 1. Cover of the nylon cutting head 2. Button of the cover 3. Nylon cord set 4. Hole

Storage

The hook groove in the tool bottom is convenient for hanging the tool from a nail or screw on the wall. Before storing the tool, contract the wire guard, shorten the shaft, adjust the pivoting head to a right angle, and then fold the front grip.



► 1. Wire guard



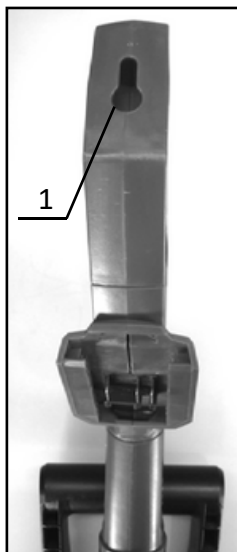
► 1. Front grip 2. Shaft 3. Pivoting head

Cleaning the tool

Clean the tool by wiping off dust, dirt, or cut off grass with a dry cloth or one dipped in soapy water and wrung out. If the cut off grass is adhered to the motor housing, be sure to remove it.



► 1. Motor housing



► 1. Hook Groove 2. Wall

OPTIONAL ACCESSORIES

⚠ CAUTION: These accessories or attachments are recommended for use with your Cedrus tool specified in this manual. The use of any other accessories or attachments might present a risk of injury to persons. Only use accessory or attachment for its stated purpose.

If you need any assistance for more details regarding these accessories, ask your local Cedrus Service Center.

- Nylon cord set (cutting line) Cedrus
- genuine battery and charger

NOTE: Some items in the list may be included in the tool package as standard accessories. They may differ from country to country.

TROUBLESHOOTING

Before asking for repairs, conduct your own inspection first. If you find a problem that is not explained in the manual, do not attempt to dismantle the tool. Instead, ask Cedrus Authorized Service Centers, always using Cedrus replacement parts for repairs.

State of abnormality	Probable cause (malfunction)	Remedy
Motor does not run.	Battery cartridge is not installed.	Install the battery cartridge.
	Battery problem (under voltage)	Recharge the battery. If recharging is not effective, replace battery.
	The drive system does not work correctly.	Ask your local authorized service center for repair.
Motor stops running after a little use.	Battery's charge level is low.	Recharge the battery. If recharging is not effective, replace battery.
	Overheating.	Stop using of tool to allow it to cool down.
It does not reach maximum RPM.	Battery is installed improperly.	Install the battery cartridge as described in this manual.
	Battery power is dropping.	Recharge the battery. If recharging is not effective, replace battery.
	The drive system does not work correctly.	Ask your local authorized service center for repair.
Cutting tool does not rotate: ⇒ stop the machine immediately!	Foreign object such as a branch is jammed between the guard and the nylon cutting head.	Remove the foreign object.
	The drive system does not work correctly.	Ask your local authorized service center for repair.
Abnormal vibration: ⇒ stop the machine immediately!	The drive system does not work correctly.	Ask your local authorized service center for repair.
Cutting tool and motor cannot stop: ⇒ Remove the battery immediately!	Electric or electronic malfunction.	Remove the battery and ask your local authorized service center for repair.