



ELECTRIC GRASS TRIMMER

INSTRUCTION MANUAL TRANSLATION

REF: HCBE350



HYUNDAI

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Licensed by Hyundai Corporation, Korea

MADE IN PRC **2018**



CAUTION! Before using this electric tool, carefully read and observe the safety rules and instructions listed below. Before starting work , make sure that you know how to stop the machine in case of an emergency, the incorrect use of this machine could cause serious injury. Keep these instructions in a safe place and on hand so that they can be consulted when required.





CAUTION! The grass trimmer should only be used for cutting lawns and along the borders of flower beds. Other uses of the trimmer, not included in these instructions. Could damage the trimmer or seriously injure the operator.

GRAPHIC WARNINGS

Because a trimmer is a high-speed, fast cutting power tool, special safety precaution must be observed to reduce the risk of personal injury.

Explanations for warning label:

	<p>Read operator's manual and follow all warnings and safety instructions</p>		<p>Keep bystanders away"</p>
	<p>wear eye and hearing protection</p>		<p>Do not expose to rain</p>

	<p>Disconnect the mains plug if the cord becomes damaged or entangled</p>		<p>Be ware of thrown or flying objects to bystanders.</p> <p>Keep bystanders a safe distance away from the machine.</p>
	<p>Be ware of thrown or flying objects</p>		<p>GUARANTEE SOUND POWER LEVEL</p>

Preparation

- a) Before use check the supply and extension cord for signs of damage or aging. If the cord becomes damaged during use, disconnect the cord from the supply immediately. DO NOT TOUCH THE CORD BEFORE DISCONNECTING THE SUPPLY. Do not use the machine if the cord is damaged or worn.
- b) Before use, always visually inspect the machine for damaged, missing or misplaced guards or shields.
- c) Never operate the machine while people, especially children, or pets are nearby.

GENERAL Safety Rules

- The grass trimmer must not be used by anyone under the age of 16. Never allow children or people unfamiliar with these instructions to use the machine. Local regulations can restrict the age of the operator.
- Always check the good working order of the trimmer which, if not adequate, could endanger the user.
- Before connecting the trimmer to the mains, make sure that the rotating parts are not damaged and the wire-holding spool is

inserted correctly and securely.

- Do not use the trimmer if the cutting device is not secured properly or is damaged.
- Before starting the trimmer, make sure that the nylon wire is not touching stones or debris.
- Always wear suitable clothing when using the trimmer to prevent head, hand or feet injuries. Use a helmet, glasses (or visor). High boots (or sturdy shoes and trousers) and work gloves.
- When the trimmer is in operation, keep the cutting section away from all parts of the body.
- Do not start the trimmer when it is upside down or when not in working position.
- Turn the trimmer off and disconnect the plug when :the trimmer is not being used, it is left attended it is being examined because it is not working correctly, the power supply cable is damaged, the spool is being removed or changed or when the trimmer is being moved from one place to another.
- Keep children, other people and pets away from the trimmer; the grass which is cut and dispersed may contain stones and debris.
- Do not let other people or animals come within 5 meters of the trimmer when in use.
- Remain in a stable and secure position while operating the trimmer.
- Keep the area being cut free from wires, stones and debris.
- Do not cut against hard objects. This could cause injury or damage the trimmer.
- Use the edge of the guard to keep the trimmer away from walls, surfaces, miscellaneous things and delicate objects.
- Never use the trimmer without the guard.CAUTION! The guard is vital for your and other peoples' safety and for the good working order of the trimmer. The failure to observe these safety regulations are not only dangerous but also annuls the guarantee terms.
- Be careful of the wire-cutting blade, which can give deep cuts.

- Do not try to stop the cutting device (nylon wire) with your hands. Always let it come to a stop by itself.

CAUTION! After stitching off, the nylon wire will continue to rotate for a few more seconds.

- Only use the original type of nylon wire. Under no circumstances use metal wire instead of nylon.
- Do not use the trimmer to cut grass which is not in contact with the ground; for example do not cut grass which is not walls or rocks etc.
- Do not stitch the grass trimmer on in enclosed or poorly ventilated spaces or in the presence of inflammable and/or explosive substances such as liquids, gas and powders.
- The user of the grass trimmer is responsible for any damage sustained by third parties which has been caused by the grass trimmer within the working area.
- Only cut during broad daylight or with corresponding artificial light.
- Do not cross roads or gravel paths with the trimmer still running .
- When the trimmer is not in use, store it in a dry place and out of the reach of children.
- The trimmer should be used in compliance with these instructions and only in a position which is vertical in relation to the ground . Any other position is dangerous.
- Check regularly that the screws are properly secured.
- Before using the machine and after any impact, check for signs of wear or damage and repair as necessary.
- 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.
- never use replacement parts or accessories not provided or recommended by the manufacturer.
- always ensure that ventilation openings are kept clear of debris.
- Never to replace the non-metallic cutting means with metallic cutting means

- Never overreach and keep the balance at all times, always be sure of the footing on slopes and to walk, never run
- Never touch moving hazardous parts before the machine is disconnected from the mains and the moving hazardous parts have come to a complete stop
- There is remain residual risks despite the inherent safe design measures, safeguarding and complementary protective measures adopted.
- remove the plug from the mains before clearing a blockage, before checking, cleaning or working on the machine
- remove the plug from the mains after striking a foreign object to inspect the machine for damage, if the machine starts to vibrate abnormally, for immediately check
- When the power extension cord is damaged or ageing, should be replaced by manufacturer, service agent or qualified persons.
- Never to operate the machine with defective guards or shields, or without safety devices, or if the cord is damaged or worn
- Never to connect a damaged cord to the supply or touch a damaged cord before it is disconnected from the supply for the reason that damaged cords can lead to contact with live parts
- keep extension cords away from moving hazardous parts to avoid damages to the cords which can lead to contact with live parts
- Keep in mind that the operator or user is responsible for accidents or hazards occurring to other people or their property.
- If the electrical cable is damaged, please immediately switch off the power supply.
- Never use the machine in bad weather conditions especially when there is a risk of lightning
- If the supply cord is damaged, must be replaced by a special cord or assembly available from the manufacturer or service agent.

Electrical Safety Rules

- The mains voltage must correspond to the one marked on the technical data plate (230V ~ 50Hz). Do not use other sources of power.
- Appliance should be supplied via a residual current device (RCD) with a tripping current of not more than 30 mA.
- Never pass the grass trimmer over the extension cable which the grass trimmer is working as this could cut the cable. Make sure you always know where the cable is.
- Use the special cable holder for the connection of the extension cable.
- Never use the trimmer when it is raining, try to prevent it from getting wet or being exposed to humidity, do not leave it outside overnight. Do not cut damp or wet grass.
- The power supply cable should be checked regularly and before using in each time make sure the cable is not damaged or old out. If the cable is not in good condition, do not use the trimmer. Take it to an authorized service center instead.
- Only use an extension cable which is suitable for outdoor work. Keep it away from the cutting area, from damp, wet or oily surfaces or with sharp edges and away from heat and fuels.
- The mobile socket of the extension cable should be splash proof in compliance with DIN 57282 and DIN VDE 0282 regulations; the cross-section of the wire (max. length 75m) should be at least 1.5mm². Use H07RN-F harmonized cable.
- This grass trimmer has been built with dual insulation in compliance with EEC 20 regulations. Dual insulation is electrically safer and therefore the trimmer need not earthing.
- Be familiar with the controls and proper use of the equipment;
- – Before use check the supply and extension cord for signs of damage or ageing,
- – If the cord becomes damaged during use, disconnect the cord from the supply immediately.

- NOT TOUCH THE CORD BEFORE DISCONNECTING THE SUPPLY,
- 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.

Residual risks

Even if you use this power tool correctly, there are always residual risks. The following hazards may arise in connection with the structure and manufacture of this power tool:

1. Hearing impairment if no suitable hearing protection is worn.
2. Cuts if no suitable protective clothing is worn.
3. Health damage resulting from vibration in the hands and arms if the device is used for a long period of time or is not handled and maintained properly.

Intended use

This machine can be used with the cutting wire as a trimmer for cutting grass and weeds of small thickness and in small quantity and with the cutting blade as a brush cutter for cutting denser vegetation. This machine must not be used for cutting or other cutting operations where the cutting tool must be lifted above the ground. This machine is only authorized for private use. Any other use or modification of this machine is prohibited and involves high risks.

ASSEMBLY INSTRUCTION

When you open the color box, the handle and the protect cover is not assembled. Before using, you should assembly the protect cover and handle by yourself.

A



The handle and protect cover are not assembled when you open the color box, you can assemble them according to below instruction.

B



C



D





Product specification

Type	HCBE350
Voltage	230-240V~
Frequency	50 Hz
Power	350 W
Speed	10000 /min
Cutting width	250 mm
Weight	1.86kg
Sound pressure level L_{pA}	84.2 dB(A) K_{pA} :3,0dB(A)
Sound power level L_{WA}	92.8 dB(A) K_{WA} :2.04dB(A)
Guaranteed sound power level	96 dB(A)
Vibration	2,63m/s ² K =1,5 m/s ²

KNOW YOUR PRODUCT



1. Auxiliary handle
2. Knob
3. Switch
4. Knob
5. Telescopic Adjustment Lock
6. Tree Guard
7. Spool
8. Housing
9. Handle

PACKING CONTENT

1. Grass trimmer
2. Tree Guard
3. Screw
4. Instruction manual
5. Line spool(fitted)
6. Blade


FUNCTION DESCRIPTION

Manually operated and portable electric grass trimmer driven by electro motor 230 V 50 Hz.


As the cutting device it has a double sp001 with tap automatic and metal cutting blade, which

can be optionally installed. In the process of cutting, two synthetic lines or knife with three blades rotate around the axis vertically to the cutting plane. To protect the use 5 device is equipped with safety guard which covers the cutting device. Function of the service parts is described below.

ASSEMBLY INSTRUCTION

 Before performing any work on the device, disconnect device from the power supply.

Use only original parts and be care full when assembling line cutter. Risk of injury!

 Before operation, you must mount safety guard to the cutting device and two-part tube handles.

Firstly,unpack the tool and make sure it is complete.

TWO-PIECE TUBULAR HANDLES ASSEMBLY(FIG. 2)

1. Push both parts of the tubular shaft together(hole in the top of the lower tubular shaft up)

You will hear a click(A)

2. Fold the protective plate(B)and tighten the screw cap to the right direction
3. Before each starting of the machine check, if the Lower tubular shaft firmly and securely seated.

Before starting machine make sure that the lower tube spindle firmly and securely fits and that

it is in the correct position.

Disassemble

For removal the screw cap on the left side

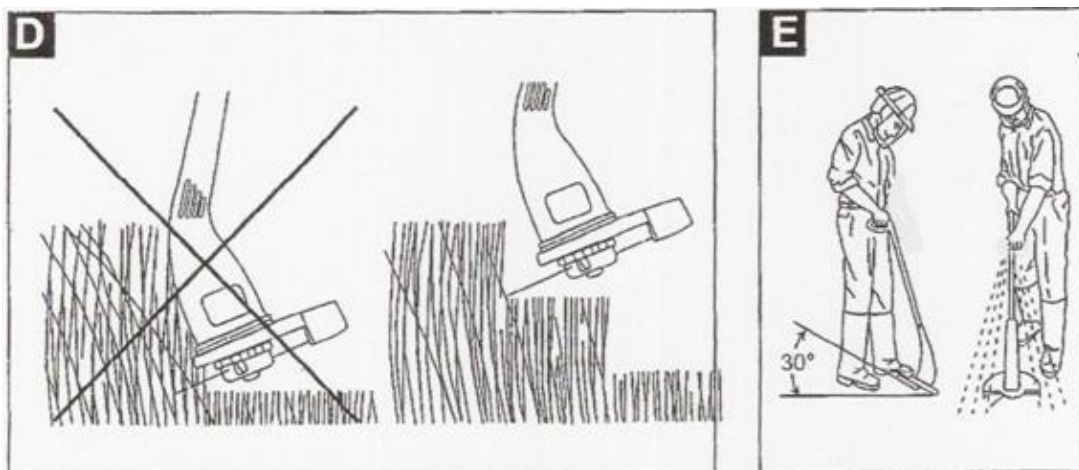
Lift the protective plate, pressing unlock the locking latch and slide the lower tubular shaft.

ASSEMBLY OF HANDLE(PIC. 3)

1. Loose the Allen screws on the handle.
2. Into of handle grip on the upper tube insert the multifunctional handle and fasten-it with a bracket and 4 Allen screws(as shown).
3. Screw to tight.

ASSEMBLY OF PROTECTIVE COVER(PIC.4)

Remove the Allen screws from the protective cover. Replace the protective cover on the pipe shaft . Screw the socket head screws (A) as shown.



Instructions for Use

After reading the safety rules carefully. Follow the instructions below attentively in order to get the most out of your grass trimmer.

Start off slowly, when you have gained experience. you will be able to use the grass trimmer to its full potential.

Start the grass trimmer before getting close to the grass to be cut.

- Cut the grass by moving the grass trimmer from right to left and proceed slowly keeping the trimmer inclined by about 30° (Fig. E).
- High grass should be cut in layers , always beginning from the top. The cuts should be short (Fig.D)
- Do not cut damp or wet grass. Dry grass will give excellent results.
- Always let the nylon wire rotate at top speed; do not work in such a way as to overload the trimmer.
- Caution! Do not use the Grass Trimmer without the guard.
- Never pass the grass trimmer over the extension cable while the grass trimmer is running; make sure it is always in a safe position behind your back.
- Before starting work, make sure that the area to be cut is free of stones, debris, wires and any other objects.

Maintenance

Before carrying out any maintenance operations, cut off the electric power supply by disconnecting the plug from the extension cable.

- Regular cleaning and maintenance of you grass trimmer will ensure efficiency and prolong the life of your machine.
- After each cutting operation, take apart and clean out the grass and soil from; the spool and its slot, the whole trimmer and in particular the guard.
- During operation, keep the air solts clean and free of grass.
- Only use a cloth soaked with hot water and a soft brush to clean the grass trimmer.

- Never change any part before machine totally stopped, or it may cause danger to users.
- Do not spray or wet the appliance with water.
- Do not use detergents or solvents as these could ruin the trimmer. The parts in plastic can easily be damaged by chemical agents.
- If the wire cutting blade no longer cuts or breaks, have this replaced by contacting an authorized service center.

CAUTION! The blade can give deep cuts.
- For repairs which have not been explained in these instructions, contact an authorized service center.

Trouble-Shooting

CAUTION! Before every operation disconnect the electric power supply!

- If the grass trimmer vibrates: remove the spool and clean its slot carefully removing any grass and so forth. If vibration persists after reassembly, replace the spool with a new one . In the even of the problem not disappearing , have the trimmer checked at an authorized service center.
- If the grass trimmer does not start: check all the electrical connections; make sure the safety circuit-breaker has not been activated; check that no fuse has blown in your electric system. If after the above checks, the grass trimmer still dose not start, have it checked at an authorized service center.

Storage

Follow these recommendations for storing the grass trimmer.

- Carry out general cleaning of all the grass trimmer and its ancillary parts (see maintenance paragraph), the prevents mould from forming.
- Store it out of the reach of children , in a stable and safe position and in a dry place where the temperature is not too hot or too cold.

- Store the trimmer away from direct sunlight. If possible in a dark or barely lit place.
- Do not store the grass trimmer resting on the floor. Hang it by the upper handgrip instead, so that the guard does not touch anything. The resting of the guard on a surface could alter its shape and therefore its dimensions and safety characteristics would be modified.

WEEE



“Electrical products must not be thrown out with domestic waste. Recycle them at the special disposal centres provided for the purpose. Contact your local authorities or stockiest for advice on recycling”.

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CE Declaration of conformity

HYUNDAI

ZI, 32 RUE ARISTIDE BERGES – 312070 CUGNAUX – FRANCE

Declares that the machinery designated below :

GRASS TRIMMER 350W

Modle : *HCBE350*

Serial number : *20180203730-20180204229*

Complies with the provisions of the Directive « machinery » 2006/42/EG and national laws transposing it :

Also complies with the following European directives :

EMC Directive 2014/30/EU

ROHS Directive 2011/65/EU

Noise directive 2000/14/CE Annex VI + 2005/88/CE

Sound pressure level L_{pA} : 84.2 dB(A) ; K_{pA} :3,0dB(A)

Sound power level L_{WA} 92.8 dB(A) ; K_{WA} :2.04dB(A)

Guaranteed sound power level:96dB(A)

Also complies with European standards, with national standards and the following technical provisions :

EN 60335-1:2012/A11:2014 ; EN 50636-2-91:2014

EN 62233:2008 ; EN 55014-1:2017

EN 55014-2:2015 ; EN 61000-3-2:2014 ; EN 61000-3-3:2013

Notify body of CE/GS certificate :

TÜV SÜD Industrie Service GmbH,

Westendstraße 199

80686 MÜNCHEN (Germany NB 0036)

Done at Cugnaux, 09/01/2018



Philippe MARIE / PDG