

COBRA

Electric Hedge Trimmer

Models: H55E H60E

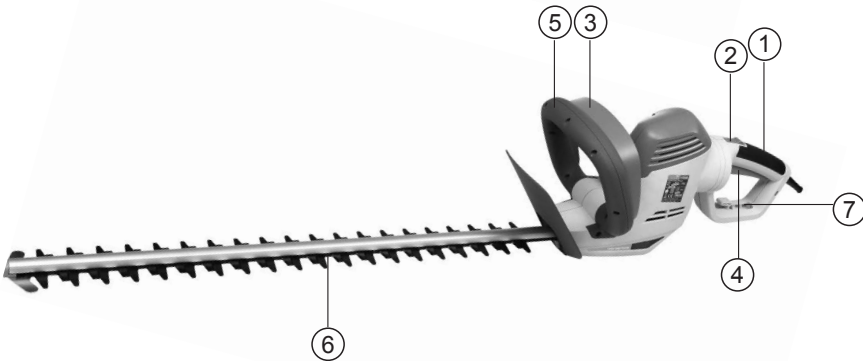
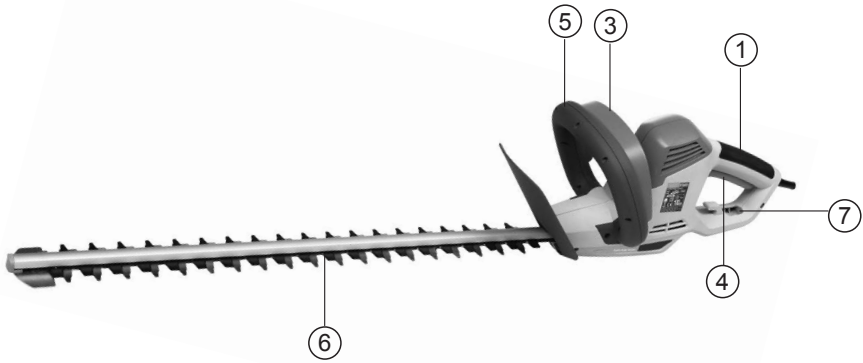


WARNING! Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury. Keep this manual securely.

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**Model H55E
H60E**



Discription of Hedge Trimmer

1	Rear Handle	2	Rotary handle lock button
3	Front handle safety switch	4	Trigger switch
5	Front handle	6	Cutting blade
7	Cable hook		

Accessories: Protective sleeve

1. Introduction

Thank you for choosing a quality engineered COBRA product.

We believe that, properly maintained, this unit will provide many years of trouble-free operation.

This product was designed and manufactured with the utmost care in accordance with strict standards of safety, reliability and ease of use.

Please read this manual carefully. Familiarise yourself with all the controls of the hedge trimmer before starting to use it for the first time.

Please follow all the comments, explanations and instructions in this manual for optimal and safe use of this product.

2. Safety Instructions

Your electric hedge trimmer should always be used in accordance with this manual.

This device is intended solely for cutting hedges in private gardens. Any other use not expressly permitted in these instructions may result in damage and may pose a serious hazard to the user and is not permitted.





In particular, the unit must never be used :




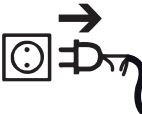




- On steep land,
- On a rainy day or in a humid environment,
- By children under 16,
- By people under the influence of any substance (alcohol or drugs) which might impair vision, movement or judgment.

2.1 Safety Symbols and Labels

IMPORTANT : Some of the following symbols may be used on your tool. Be sure to study them and learn their meaning.

Proper interpretation of these symbols will allow you to use the machine more effectively and reduce the risk of accident.

	<p>Danger! Warning! Caution!</p> <p>This symbol indicates a danger, warning or caution. It indicates that the operator security is at stake.</p>
	<p>Read the instruction manual</p> <p>The instruction manual contains information designed to draw attention to the possible problems of safety, the risk of damage to the machine as well as useful tips for startup, operation and maintenance. Please observe all notes, explanations and instructions in this manual extras for optimal and safe use of this product.</p>
	<p>Keep a safe distance</p> <p>The operator is responsible for the safety of others present in the work area of the machine. Never use the trimmer while others, especially children, or even pets, are nearby.</p>
	<p>Do not expose the unit to rain</p> <p>Never expose the machine to rain or wet conditions. Do not use this machine in the rain</p>

	<p>Wear protection Wear eye and ear protection</p>
	<p>Wear protection Wear protective gloves</p>
	<p>Wear protection Wear shoes anti slip safety</p>
	<p>Damaged power cord Never use an appliance with the power cord is damaged or frayed. Do not touch. Remove the plug on the power cord from the electrical outlet immediately.</p>
	<p>Electrical Hazard This device operates with a dangerous voltage</p>
	<p>Double insulation For your safety, this appliance is equipped with a double electrical insulation. Therefore it is not necessary that it be connected to a grounded outlet.</p>
<p>230V~ 50Hz</p>	<p>Check that the voltage and frequency indicated on the nameplate affixed to the device correspond to those of the power grid .</p>
	<p>Maintenance of the machine Remove the plug from the socket before all adjustment operations, cleaning, transport, maintenance or when you leave it unattended</p>
	<p>Recycling This product must not be disposed of with household waste. It should be deposited at the collection site for the recycling and recovery of electrical and electronic waste</p>

2.2 Before Using

- Study this manual thoroughly
- Familiarise yourself with the operation of the hedge trimmer and learn to use it properly.
- Never allow others (especially children) who have not read the manual to use the machine.
- If the unit must be given to other people, give them as this manual.
- Check that the voltage and frequency indicated on the specification label affixed to the electrical hedge trimmer correspond to the mains electricity supply.
- Never remove the labels or security elements.
- To connect the hedge trimmer to the power, use only appropriate and compliant power equipment in perfect condition. Use a flexible extension, brightly coloured for outdoor use with a maximum length of fifty meters with conductors of at least 12mm.
- Keep the cord away from the radius of action of the machine and make sure it is not subjected to tension. Move the cable from water, heat and sharp edges.
- Do not use the hedge trimmer if the trigger on / off does not work properly. If necessary, contact your dealer for any repair.
- Never expose the electric hedge trimmer to rain or moisture. Never allow water or other liquids enter the machine.
- Check the condition of the cutter blade, make sure it fastened and safe before each use. Replace excessively worn or missing parts.
- Do not cut near other electrical machines.
- Do not operate hedge trimmer in an environment with flammable items such as liquids, gases or dust. The sparks generated by the operation of the machine can cause an explosion.
- Do not start cutting until the work area is cleared and cleaned. Keep the work area clean and tidy to reduce the risk of accident.
- During the first use, it is recommended that the user be accompanied by an experienced person.

2.3 When Using

- Use the trimmer only in daylight or good artificial light.
- The use of power equipment can be regulated. Remember to comply with legal regulations which may differ from one location to another.
- Do not use the machine if you are tired or ill. Also avoid use if you have consumed alcohol or taken drugs.
- When using, keep hair away from the machine. Never wear loose clothing or accessories such as ties, cords, scarves or jewellery that could get caught in the machine or in the cutting system.
- Wear close-fitting clothing, convenient and protect you from cuts. Always wear long trousers, sturdy and non-slip shoes, and protective equipment such as gloves, goggles, a helmet with a visor and acoustic shield, etc
- Do not allow anyone to remain in the range of the electric hedge trimmer during use. Keep people, children and animals away from work area. If it is a group work, keep sufficient distance between people.
- Make sure that the handles are clean and dry. When the machine is running, always firmly grip the front handle with your left hand and the rear handle with your right hand.
- Always work in a stable balanced and firm position. Do not work on slippery or unstable ground.
- Firmly hold the hedge trimmer with both hands. Put yourself in a position that allows you to withstand the forces applied by a backlash. Do not drop the machine.
- Always begin cutting with the blades moving.
- Take care during cutting: avoid trimmings and clippings causing injury.
- Never carry the electric hedge trimmer above shoulder height when cutting.
- Never operate a damaged machine. Ensure repairs are completed by qualified technicians.
- Do not overload the machine. Always use the proper equipment for the job.

WARNING: To reduce the time of exposure to vibration and noise, it is preferable to use the machine with frequent breaks, and limiting the duration of continuous work.

WARNING: The vibration level during actual use of the tool can differ from the declared depending on how the tool is used total value, and the need to identify safety measures to protect the operator are based on an estimate of the exposure in the actual conditions of use, taking into account all parts of the user such as the times when the tool is turned off and when it is running idle cycle.

2.4 After Using

- Always unplug the unit before undertaking any adjustments or maintenance
- Do not carry the hedge trimmer when it is not unplugged and completely stopped.
- Always follow the instructions provided for maintenance. After each use, check the operation of safety devices, setting, tension and condition of parts. Maintain the unit. Replace worn or damaged parts.
- Repair by qualified personnel only. For safety reasons, use only original parts
- Keep the electric hedge trimmer clean and keep it always disconnected in a dry place, away from direct sunlight and out of reach of Children.
- Keep this manual carefully and consult it whenever you use the machine.

3. Instructions for use

Unauthorised modifications can make your machine dangerous and lead to severe injury during use. Cobra disclaims any liability in case of misuse or failure to comply with the instructions and / or regulations in force.

3.1 Preparation of the hedge trimmer

CAUTION: Do not plug the machine to the power source until you fully assemble and set the machine.

CAUTION: Wear gloves when handling the trimmer to avoid accidents with the cutter blades, whose teeth are extremely sharp.

- Unpack the unit carefully check the condition of all parts.
If in doubt, contact your dealer.

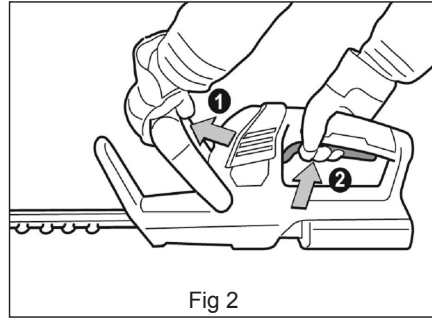
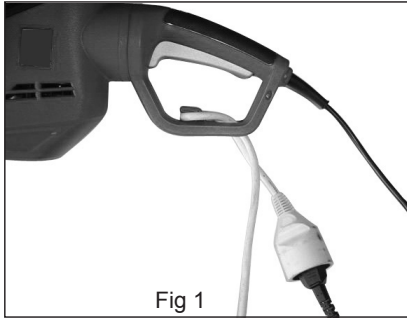
3.2 Using the hedge trimmer

Before using, always check the presence and correct operation of safety devices. Also check the status of the cutting system and its attachment. If necessary, replace or repair defective components. Use only original parts or approved by Cobra.

WARNING: Never work with a damaged cutting blade or excessively worn because you might hurt yourself.

3.2.1 Starting the hedge trimmer

- Fully unroll the power cord and use the cable hook to hang and connect it to the machine as shown in Figure 1 below.
- Connect the extension cord to the power socket, taking care to not press any button to prevent accidental starting.
- Remove the protective sleeve.
- Hold the hedge trimmer firmly with both hands and simultaneously squeeze the trigger on the rear handle with your right hand and the left hand pressing the front handle safety switch forward as shown in Figure 2 below.

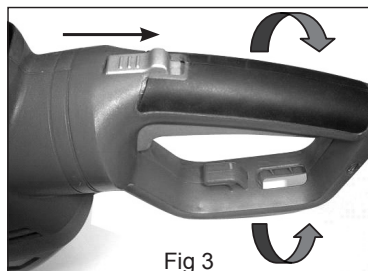


3.2.2 Stop the hedge trimmer

- Release the front handle safety switch and / or rear handle trigger to stop the machine
- The machine stops completely after a few seconds.
- Unplug the power socket for safety

3.2.3 Use of the rotary handle Only available on model H60E

- To facilitate the use of hedge trimmers in vertical sections, the rear handle is adjustable to 45 ° and 90 ° to the right and left.
- Note: Unplug the machine before rotating the throttle grip.
- With your thumb, pull holding the lock button rearward to unlock the handle and rotate to the right or to the left to the required position.



3.2.4 Tips for using the hedge trimmer

- Do not use in the rain
- Preferably start with the parts closest to the power supply, moving away slowly.
- When cutting, make sure that the extension cord is always drawn behind you the side already done.
- Start the trimmer before making contact with the hedge to prevent the blade blocking.
- Alternately use the two sides of the blade.
- For efficiency, tilt the blade about 10 ° without poking the tip of the trimmer.
- For horizontal areas, go from the inside to the edge of the fence to cut down the branches on the ground.
- If the height of the hedge is excessive, making several passes. Between each size, cut large branches with pruning shears or a lopper.
- Work carefully near fences to avoid blocking the blade.
- In case of blade blocking, stop and disconnect the machine before the cleaning.

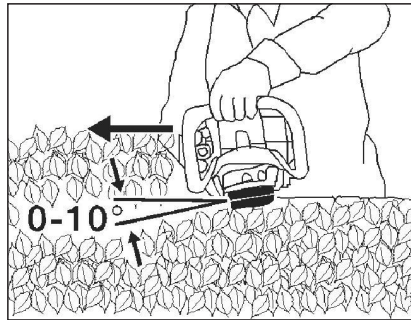


Fig 4

3.3 Cleaning, maintenance, transportation and storage

CAUTION: All cleaning, transportation and maintenance must be done when machine stopped and unplugged

3.3.1 Cleaning the electric hedge trimmer

- Clean the hedge trimmer after each use.
- Maintain the surface of the unit with a soft damp cloth. Never clean plastic with a chemical that may damage it.

CAUTION: Never immerse the of the trimmer electric wire in water or other liquids for cleaning. Never clean the unit with strong high pressure or water.

- The blade should be regularly cleaned to remove residual resin. Preferably use a mild solvent for this purpose. Leave for a few minutes and wipe the blade with a cloth.
- To optimise the operation of hedge trimmer and avoid corrosion, oil the blade and the guide rail after each use with an environmentally friendly lubricant.

CAUTION: Wear gloves when handling the trimmer to avoid any accidents related to the blade, the teeth are extremely sharp.

3.3.2 Maintenance of hedge trimmer

Sharpening blades:

For best results, do sharpen the cutting edges of the blade at least once a year at a specialist workshop. For your local Cobra dealer www.cobragarden.co.uk
If necessary, replace the dull or damaged blade in a specialist workshop.

3.3.3 S Transport and storage of the hedge trimmer

- Always unplug the machine when storing or carrying.
- Store your trimmer in a dry, secure location out of reach of children.
- For long-term storage, lightly oil the cutter blade.
- Do not carry the trimmer when it is not completely off and unplugged.

4. Specifications

In keeping with our policy of continuous improvement, we reserve the right to change the design and configuration of any product without notice. Thus, the text and images of this manual and packaging are for illustrative purposes only and may not under any circumstances be the basis for a legal claim or another.

Model	H55E	H60E
Product name	Electric Hedge Trimmer	Electric Hedge Trimmer
Voltage	230V~ 50Hz	230V~ 50Hz
No load speed	3300/min	3300/min
Power	600w	710w
Blade length	550 mm	600 mm
Tooth space	20 mm	24 mm
Guaranteed sound power (LwA)	100 dB(A)	103 dB(A)
Sound pressure level (LpA)	90 dB(A)	91 dB(A)
Class of protection	Double protection / classe II / IP20	Double protection / classe II / IP20
Net weight	3,2 Kg	3,7 Kg
Vibration level	2,32 m/s ² k=1,5m/s ²	2,45 m/s ² k=1,5m/s ²

5. Problems and solutions

Malfunction	Probable cause	Troubleshooting
The unit does not start or work.	There is no current.	Check the condition of the cord or plug. If they are damaged, replace them.
	The switch is faulty or defective.	Please contact your local dealer.
	The carbon brushes are worn and / or the motor has failed.	Please contact your local dealer.
The machine operates intermittently.	The power cable is damaged, switch is faulty or defective.	Please contact your local dealer.
The cutting performance is decreased.	The blade teeth is blunt.	Sharpen or replace the blades.
The blades get heated excessively.	Dull blades. Lack of lubrication on the blades.	Sharpen the blades Lubricate the blades with a little oil.
The motor rotates but the blade does not move.	The blade clutch is defective. The blade is blocked.	Please contact your local dealer. Unplug the machine and remove the object blocking the blade, or loosen the screws on the cutter bar.
Strong vibrations of the machine.	The blades and / or transmission are damaged.	Please contact your local dealer.
The machine is noisy.	Lack of grease in gear box of transmission.	Please contact your local dealer.
Plants become yellow.	The blades are dull or dirty.	Please contact your local dealer.

6. Protection of the environment

To protect the environment, we recommend the following:

- Take care of your hedge trimmer regularly and replace damaged parts.
- When your device is at the end of its life, ensure that it is disposed of appropriately.



Waste Disposal

According to the European Directive on the disposal of waste electrical and electronic equipment, power tools that are no longer usable must be collected and follow a path of appropriate recycling. Do not dispose of electric tools together with household waste.

7. After Sales Service

For more information or for after sales service, contact your local Cobra dealer.

Use only original parts or approved by Cobra.

Call 0115 986 2161 or www.cobragarden.co.uk

8. Guarantee

This Cobra product carries a guarantee of 12 months. If your product develops a fault within this period, you should, in the first instance contact the retailer where the item was purchased.

This guarantee specifically excludes losses caused due to:

- Fair wear and tear
- Misuse or abuse
- Use in contravention of the instructions.
- Use when the product has been subject to unauthorised modifications or alterations.
- Commercial use.
- Lack of routine maintenance
- Failure of consumable items
- Accidental damage
- Cosmetic damage
- Failure to follow the manufacturer's guidelines
- A change in circumstances, leading to the customer no longer needing the goods

This guarantee does not affect your statutory rights. This guarantee is only valid in the UK. For any enquiries relating to the guarantee please refer to your retailer.

If the issue cannot be resolved over the telephone or by email, you may be referred to your local approved service dealer.

Please keep your sales receipt as proof of purchase.



9. Declaration of Conformity

We, the undersigned,

Cobra Garden,
Henton & Chattell Ltd., London Road, Nottingham NG2 3HW UK

Declare that

The following products are appropriate and consistent with the basic safety Health and EC directives (see point 3), based on their design and type, as circulated by us.

This declaration relates exclusively to the machinery in the state in which they were placed on the market and excludes added and / or components operations carried out subsequently by the end user.

1. Description / Function : Electric Hedge Trimmer
2. Type : H55E (5307)
H60E (5308)
3. EC directives : Directive machine 2006/42/EC
2006/95/EC the low voltage
2004/108/EC on EMC
2000/14/EC the emission on noise
amended by directives 2005/88/EC
4. Harmonized standards :
EN 55014-1 ; EN 55014-2 ;
EN 61000-3-2 ; EN 61000-3-3
EN 60745-1 ; EN 60745-2-15
5. Responsible for documentation : Peter J. Chaloner

Guaranteed sound power: H55E (5307) 100 dB(A)
H60E (5308) 103 dB(A)

Sound Pressure level : H55E (5307) 90 dB(A)
H60E (5308) 91dB(A)

Conformity assessment body :
JIANGSU TÜV Product Service Ltd, Shanghai Branch, N°88 Hengtong Road, Shanghai
200070 P.R.China

TÜV SÜD Product Service GmbH – Zertifizierstelle - Ridlerstrabe 65- 80339 München –
Germany

Date : 2013-07-01

