



GARDENLINE®



GLHT680 ELECTRIC HEDGE TRIMMER

680W ELECTRIC HEDGE TRIMMER



Now you have purchased a Gardenline® product you can rest assured in the knowledge that as well as your 3 year parts and labour warranty you have the added peace of mind of dedicated helplines and web support

AFTER SALES SUPPORT

UK / NIRELAND HELPLINE NO 0151 6491500
REP. IRELAND HELPLINE NO 1890 946244

MODEL NUMBER: 6452
MONTH ON SALE: 05/2008 (36)

THIS BOX INCLUDES:
• 1 x HEDGE TRIMMER

THE POWER GUIDE

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Packaging

The unit is supplied in packaging to prevent its being damaged in transit. This packaging is raw material and can therefore be reused or can be returned to the raw material system.

Introduction

1

Congratulations on choosing to buy a Gardenline[®] product. By doing so you now have the assurance and peace of mind that comes with purchasing a product made by one of Europe's leading manufacturers.

All products brought to you by Gardenline[®] are manufactured to the highest standards of performance and safety, and, as part of our philosophy of customer service and satisfaction, are backed by our comprehensive 3 Year Warranty.

Great care has gone into the manufacture of this product and it should therefore provide you with years of good service when used properly. In the event of product failure within its intended use over the course of the first 3 years after date of purchase, we will remedy the problem as fast as possible once it has been brought to our attention. In the unlikely event of such an occurrence, or if you require any information about the product, please contact us via our helpline support services, details of which are to be found both in this manual and on the product itself.

Please fill in and return the Warranty Card to the address provided.

We hope you will enjoy using your purchase for many years to come.

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03

Safety Instructions

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Caution! When using electric tools it is imperative to take the following basic safety precautions in order to reduce the risk of electric shock, injury and fire. Read and take note of these instructions before you use this tool.

General safety instructions

- 1 Keep your work area tidy
An untidy work area invites accidents.
- 2 Check the working conditions
Do not expose electric tools to rain. Never use electric tools in damp or wet locations. Make sure there is good lighting. Do not use electric tools near flammable liquids or gases.
- 3 Guard against electric shock
Avoid body contact with earthed components such as pipes, radiators, cookers, refrigerators.
- 4 Keep children away!
Do not allow other persons to touch the tool or cable. Keep all persons out of your work area.
- 5 Store tools in a safe place
When tools are not in use they should be stored in a dry, locked room out of children's reach.
- 6 Do not overload your tools
Tools work better and safer when used within their quoted capacity range.
- 7 Use the right tool
Never use tools or attachments with insufficient power for the job in hand. Never use tools on jobs for which they were not intended.

- 8 Wear suitable work clothes
Do not wear loose clothing or jewelry as they may get caught in moving parts. Rubber gloves and non-slip shoes are recommended when working outdoors. Wear a hair net if you have long hair.
- 9 Wear safety goggles
and use a dust mask when working on dusty jobs.
- 10 Do not mis-use the cable
Do not carry the tool by its cable or pull on the cable to remove the plug from the socket-outlet. Protect the cable from heat, oil and sharp edges.
- 11 Don't overreach
Avoid abnormal working postures. Make sure you stand squarely and keep your balance at all times.
- 12 Look after your tools
Keep your tools sharp and clean for better and safer performance. Follow the instructions for maintenance work and for changing any attachments. Check the plug and cable regularly and, if damaged, have them replaced by an authorized specialist. Check the extension cable regularly and replace it if damaged. Keep handles dry and free from oil and grease.
- 13 Always pull out the power plug
when the tool is not being used, before carrying out any maintenance work and when changing attachments such as blades, bits and cutters of any kind.
- 14 Remove adjusting keys and wrenches
Make sure that all keys and adjusting wrenches are removed from the tool before switching it on.
- 15 Avoid unintentional starting
Never carry a tool with your finger on the switch if it is connected to the power supply. Make sure that the switch is in OFF position when inserting the power plug.

- 16 When using an extension cable outdoors check that it is approved for outdoor duty and is marked accordingly.
- 17 Be alert at all times
Watch what you are doing. Use common sense. Do not operate the tool if your mind is not on your work.
- 18 Check the tool for damage
Each time before re-using the tool, carefully check that the guards or any slightly damaged parts are working as intended. Check that the moving parts are in good working order, that they do not jam, and that no parts are damaged. Make sure that all parts are fitted correctly and that all other operating conditions are properly fulfilled. Unless otherwise stated in the operating instructions, damaged guards and parts have to be repaired or replaced by an authorized service center. It is imperative to have damaged switches repaired by an authorized service center. Never use any tool if its switch cannot be turned off and on.
- 19 Important!
For your own safety, use only accessories and attachments which are listed in the operating instructions or recommended or listed by the tool manufacturer. The use of any accessory or attachment other than those recommended in the operating instructions or catalogue may involve a risk of injury for you personally.
- 20 Have repairs carried out only by a qualified electrician
This electric tool complies with the pertinent safety regulations. Repairs are to be carried out only by a qualified electrician or the user may suffer an accident.
- 21 Replacing the power cable
To prevent injury, damaged power cables may only be replaced by the manufacturer or the customer service center.

Keep these safety instructions in a safe place.

Specific safety information

Please read this safety information and the directions for use carefully and be sure to follow the instructions to the letter.

- 1 Always remove the power plug from the socket outlet before you perform any work on the hedge trimmer, e.g.
 - repairing a damaged cable
 - cleaning the blades
 - troubleshooting
 - cleaning and maintenance or before leaving the tool unattended.
- 2 The hedge trimmer can cause serious injuries! Read the directions for use carefully in order to acquaint yourself with the correct way to handle, set up, service, start and put down the machine. Familiarize yourself with all the machine's control elements and its proper use.
- 3 Always handle the hedge trimmer with both hands.
- 4 When working with the hedge trimmer, wear sturdy shoes and make sure of your footing.
- 5 Never work with the hedge trimmer in the rain or on wet hedges and never leave the hedge trimmer outdoors. The hedge trimmer must not be used if it is wet.
- 6 We recommend that you wear safety goggles and ear defenders when working with the hedge trimmer.
- 7 Wear suitable working clothes such as rubber gloves and non-slip shoes. Do not wear loose garments. Keep long hair in a hair net.
- 8 Avoid abnormal postures and make sure of your footing, particularly when working on ladders and steps.
- 9 Avoid over-reaching when using this product, particularly when working at height.

- 10 Be sure to hold the hedge trimmer well away from your body when it is switched on.
- 11 Make sure there are no other persons or animals within your working area (radius of swing).
- 12 Carry the hedge trimmer only by its guide handle.
- 13 Keep cables clear of where you are cutting.
- 14 Before you use the hedge trimmer, examine the power cable for signs of damage and aging.
- 15 Use the hedge trimmer only when the power cable is in good working order.
- 16 Do not remove the power plug from the socket outlet by pulling on the cable. Never carry the tool by its cable. Take care not to damage the cable in any way.
- 17 Protect cables from heat, caustic fluids and sharp edges. Replace damaged cables immediately.
- 18 Examine the cutting system regularly for signs of damage and, if necessary, arrange for the hedge trimmer to be professionally repaired by the ISC Customer Service Center or a specialist workshop.
- 19 If the blades become jammed, e.g. due to thick branches or the like, switch off and unplug the hedge trimmer immediately. Only then are you to remove the cause of the obstruction.
- 20 Keep the hedge trimmer in a dry place out of children's reach.
- 21 During transportation and storage of the hedge trimmer, keep the blades covered at all times with the special guard.
- 22 Take care not to overload the hedge trimmer and do not use it on jobs for which it is not intended, i.e. you are allowed to use the hedge trimmer only to cut hedges, shrubs and perennials.

- 23 Use only cables and connectors approved for outdoor use: power cable HO7RN-F 2x1.0 with integral two-plug plug; extension cable HO7RNF 3G1.5 with rain-water-protected earthing-pin plug and earthing-contact coupling. The use of a leakage-current or earth-leakage circuit-breaker is recommended for operating electric tools. Ask your electrician!
- 24 The hedge trimmer requires regular inspection and maintenance. Always replace damaged blades in pairs. If the hedge trimmer suffers any damage from impact (falling on hard ground etc.), have it checked immediately by a specialist.
- 25 Look after your hedge trimmer carefully. Keep it clean and sharp to ensure efficient and safe cutting. Follow the maintenance and cleaning instructions.
- 26 The German Farmers Union, for example, prohibits the use of electric hedge trimmers by persons aged 17 or less. Persons aged 16 and above may only use electric hedge trimmers if supervised by an adult.
- 27 Do not use the hedge trimmer with a damaged or excessively worn cutting system.
- 28 Never try to work with an incomplete machine or a machine with unapproved modifications.
- 29 Check your surroundings and take note of any potential dangers which you may not be able hear due to the machine's noise.
- 30 It is advisable not to use the hedge trimmer when other persons, and particularly children, are nearby.
- 31 Children are not allowed to use the hedge trimmer.
- 32 Noise at the workplace may exceed 85 dB(A). In this case, the operator must wear ear defenders or similar.
- 33 Always ensure that all the handles and safety equipment is fitted when the hedge trimmer is in use.

Assembly & Parts List

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Layout and items supplied (see Fig.1)

- 1 Cutter rail
- 2 Finger guard
- 3 Steady grip with button switch
- 4 Slide
- 5 Handle with button switch
- 6 Power cable
- 7 Cable strain-relief clamp
- 8 Impact guard
- 9 Cutter rail guard (not shown)

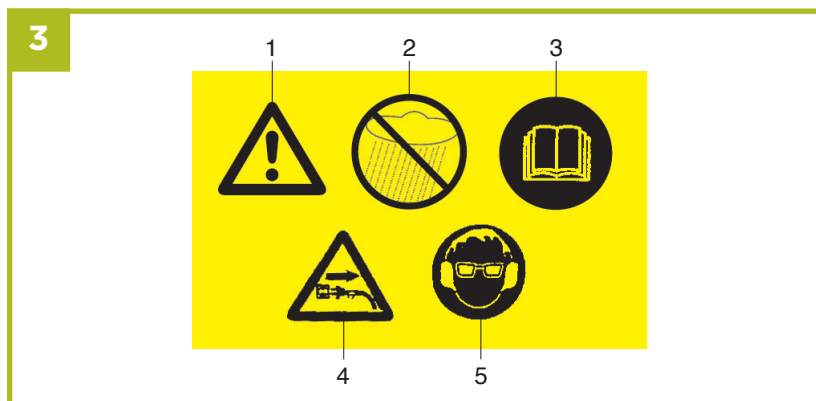
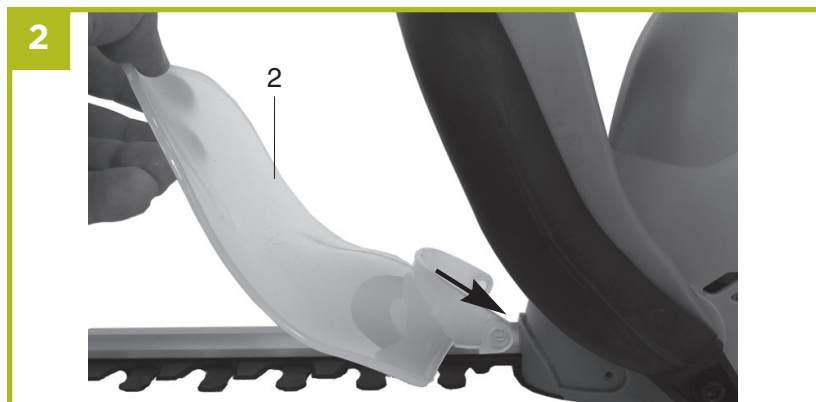
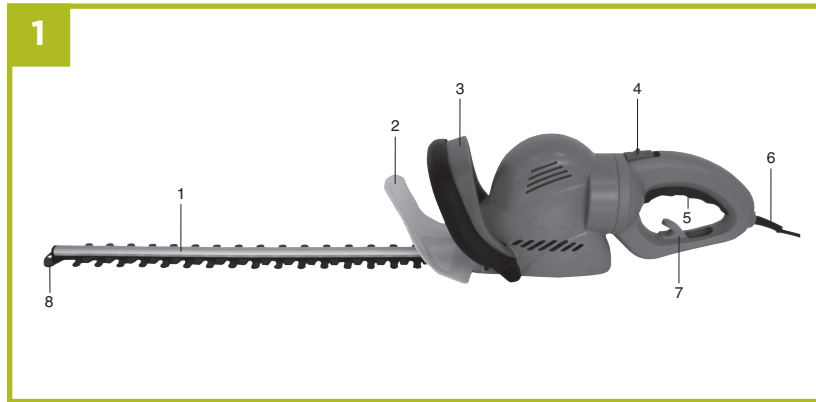
Important! It is prohibited to operate the hedge trimmer without the hand guard.

Fitting the hand guard (see Fig.2)

Mount the supplied finger guard (Item 2) as shown in Fig. 2 and secure with the supplied screws.

Explanation of the plate (see Fig.3)

- 1 Warning
- 2 Keep out of the rain and protect from getting wet.
- 3 Read the operating instructions before using for the first time.
- 4 Pull the plug from the power supply immediately if the cable gets damaged or severed.
- 5 Wear goggles and ear defenders.



Getting Started

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Start-up and operation

The hedge trimmer is equipped with a two-handed safety switch. The machine works only when the switch on the steady grip (Figure 1 / Item 3) is pressed with one hand and the switch on the handle (Figure 1 / Item 5) is pressed with the other hand. If either switch is released, the cutters will stop moving.

Rear swivel handle (see Figs.4/5)

The hedge shears are fitted with a rear swiveling handle. This can be turned through 45° and 90° both counter-clockwise and clockwise. Pull the slide (4) in the direction indicated by the arrow and turn the handle. Pull the slide (4) in the direction indicated by the arrow again to return the handle to its original position. When the handle is back in its standard position the top slide must be pushed forward to lock it.

The handle should be turned through 90° for cutting vertically.

In so doing, please check the running of the blades.

- Please check that the blades function correctly. The blades cut on both sides and run in opposite directions to each other, for guaranteed high cutting performance and quiet operation.
- Fasten the extension cable to the cable holder before starting to use the machine (see Fig. 6).
- For use in the open air you must only use extension cables certified for the purpose.



Features

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- 1 ON/OFF-dead man's safety switch
- 2 Additional handle for optimal handling
- 3 Large hand protection shield
- 4 Protection sleeve
- 5 Aluminium knife cover
- 6 Impact protection with borehole for wall fastening
- 7 Rear handle turnable up to 90°
- 8 Cable strain relief
- 9 Two-hand safety switch with blade stop in less than 1 sec.
- 10 Metal gearing for long life

Instructions

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Intended use

Important! This hedge trimmer is suitable for cutting hedges, bushes and shrubs. Any use which is not expressly permitted in manual may result in damage to the hedge trimmer and place the user in serious danger.

The machine is to be used only for its prescribed purpose. Any other use is deemed to be a case of misuse. The user / operator and not the manufacturer will be liable for any damage or injuries of any kind caused as a result of this.

Please note that our equipment has not been designed for use in commercial, trade or industrial applications. Our warranty will be voided if the machine is used in commercial, trade or industrial businesses or for equivalent purposes.

Tips on use

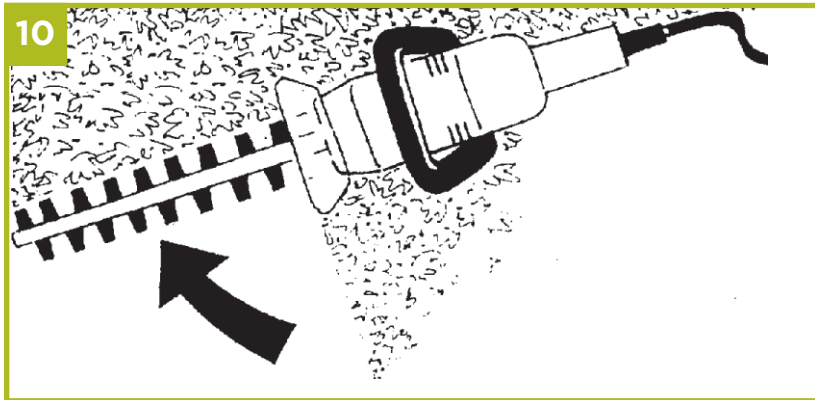
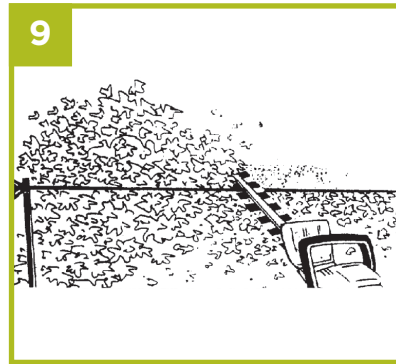
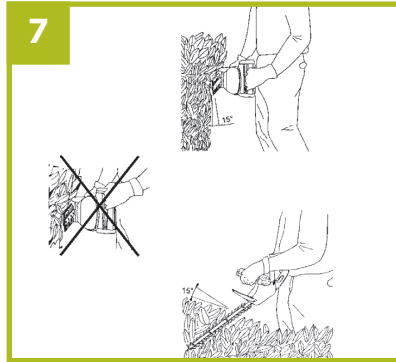
The hedge trimmer can be used not only for trimming hedges but for trimming shrubs and bushes as well.

For optimum trimming performance, guide the blade teeth at an angle of approx. 15° to the hedge (see Fig. 7).

Since the blades cut on both sides and run in opposite directions to each other, you can trim in both directions (see Fig. 8).

To achieve a hedge with a uniform height it is recommended that you stretch a piece of string along the edge of the hedge for guidance. Then simply cut away all twigs projecting above the line (see Fig. 9).

The sides of the hedge should be trimmed with arc-type movements from below upwards (see Fig. 10).



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Care, maintenance and storage

Always switch off the machine and pull the plug before you start to clean the machine.

For optimum results at all times you should regularly clean and lubricate the blades. Remove any deposits with a brush and apply a light film of oil (see Fig. 11).

Use biologically degradable oil.

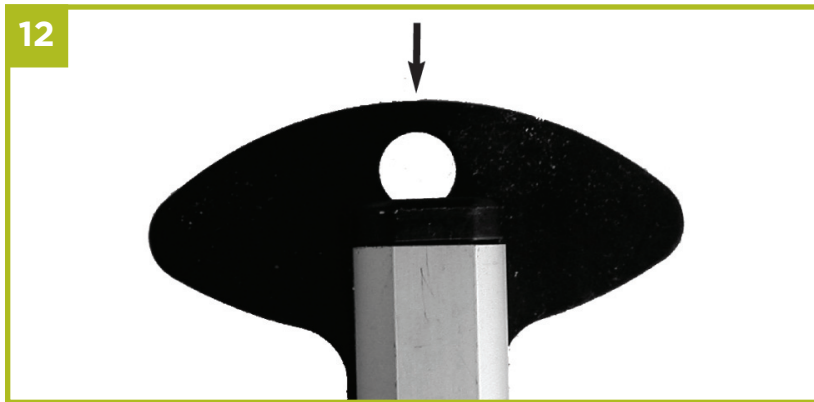
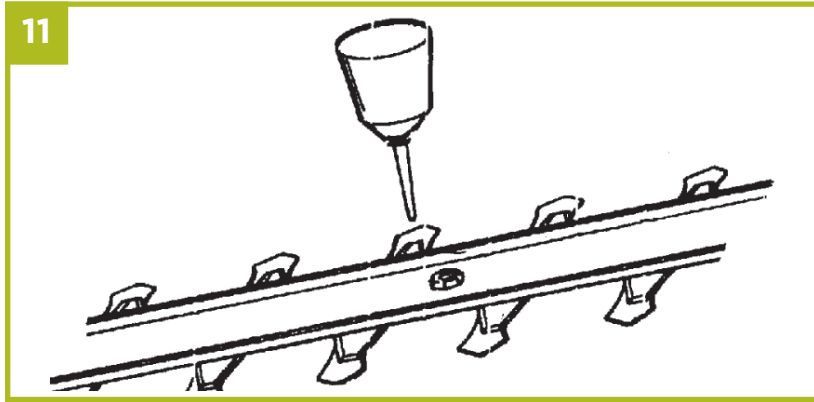
Clean the plastic body with gentle domestic cleaning agent and a damp cloth. Never use aggressive media or solvents.

It is imperative that you prevent water from penetrating the machine. Never spray the machine down with water.

For storage purposes the hedge trimmer can be fastened to the wall with suitable screws and dowels (see Fig. 12).

Waste disposal

Important! The hedge trimmer and its accessories are made of a diversity of materials such as, e.g. metal and plastic. Defective parts must be disposed of as special waste. Ask your specialist dealer or local authority for details about where they can be disposed of!



Useful Information

7

Technical data

Voltage:	230-240 V ~ 50Hz
Power consumption:	680 watts
Cutting length:	500 mm
Cutter rail length:	585 mm
Cuts/min:	3000/min
Speed n_0 :	1,500 rpm
Tooth spacing:	20 mm
Sound power level L_{WA} :	108,1 dB
Sound pressure level L_{pA} :	95,1 dB
Vibration a_{hv} :	3,8 m/s ²
Protection class:	II/□
Weight:	4,3 kg

Sound and vibration were measured in accordance with EN 50144-2-15.

Voltage

The machine can only be run on single-phase alternating current with 230-240V ~ 50Hz a.c. voltage. Before you use the machine for the first time, check that the mains voltage is the same as the operating voltage shown on the machine rating plate.

Ordering replacement parts

Please quote the following data when ordering replacement parts:

- Type of machine
- Article number of the machine
- Identification number of the machine
- Replacement part number of the part required

All repairs must be carried out by authorised service centre or a qualified electrician.



Konformitätserklärung

ISC-GmbH · Eschenstraße 6 · D-94405 Landau/Isar

D erklärt folgende Konformität gemäß EU-Richtlinie und Normen für Artikel
GB declares conformity with the EU Directive and standards marked below for the article
F déclare la conformité suivante selon la directive CE et les normes concernant l'article
NL verklaart de volgende conformiteit in overeenstemming met de EU-richtlijn en normen voor het artikel
E declara la siguiente conformidad a tenor de la directiva y normas de la UE para el artículo
P declara a seguinte conformidade de acordo com a directiva CE e normas para o artigo
S förklarar följande överensstämmelse enl. EU-direktiv och standarder för artikeln
FIN ilmoittaa seuraavaa Euroopan unionin direktiivien ja normien mukaista yhdenmukaisuutta tuotteelle
N erklærer herved følgende samsvar med EU-direktiv og standarder for artikkel
RUS заявляет о соответствии товара следующим директивам и нормам ЕС
CRO izjavljuje sljedeću uskladenost s odredbama i normama EU za artikl.
RO declară următoarea conformitate cu linia directoare CE și norme valabile pentru articolul.
TR ürün ile ilgili olarak AB Yönetmelikleri ve Normları gereğince aşağıdaki uygunluk açikla masını sunar.
GRI δηλώνει την ακόλουθη συμφωνία σύμφωνα με την Οδηγία ΕΕ και τα πρότυπα για το προϊόν


I dichiara la seguente conformità secondo la direttiva UE e le norme per l'articolo
DK attesterer følgende overensstemmelse i henhold til EU-direktiv og standarder for produkt
CZ prohlašuje následující shodu podle směrnic EU a norem pro výrobek.
H a következő konformitást jelenti ki a termékek-re vonatkozó EU-irányvonalak és normák szerint
SLB pojasnjuje sledečo skladnost po smernici EU in normah za artikel.
PL deklaruje zgodność wymienionego poniżej artykułu z następującymi normami na podstawie dyrektywy WE.
SK vydáva nasledujúce prehlásenie o zhode podľa smernice EÚ a noriem pre výrobok.
BG декларира следното съответствие съгласно директивите и нормите на ЕС за продукта.
MD заявляє про відповідність згідно з Директивою ЄС та стандартами, чинними для даного товару
SE deklareerib vastavuse järgnevatele EL direktiivi dele ja normidele
LT deklaruoja atitiktį pagal ES direktyvas ir normas straipsniui
RS izjavljuje sledeći konformitet u skladu s odredbom EZ i normama za artikl
LV Atbilstības sertifikāts apliecina zemāk minēto preču atbilstību ES direktīvām un standartiem
IS Samræmisýfirlýsing staðfestir eftirfarandi samræmi samkvæmt reglum Evrópubandalagsins og stöðlum fyrir vörur

Hedge Trimmer GLHT 680

<input checked="" type="checkbox"/> 98/37/EG	<input type="checkbox"/> 87/404/EWG
<input checked="" type="checkbox"/> 2006/95/EG	<input type="checkbox"/> R&TTED 1999/5/EG
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<input checked="" type="checkbox"/> 2004/108/EG	<input type="checkbox"/> 95/54/EG:
<input type="checkbox"/> 90/396/EWG	<input type="checkbox"/> 97/68/EG:
<input type="checkbox"/> 89/686/EWG	

EN 50144-1; EN 50144-2-15; EN 55014-1; EN 55014-2; EN 61000-3-2; EN 61000-3-3;
KBV V

Landau/Isar, den 26.07.2007


Weichselgartner
General-Manager


Gottelt
Product-Management

Art.-Nr.: 34.037.12 I.-Nr.: 01017
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GB WARRANTY CERTIFICATE

The product described in these instructions comes with a 3 year warranty covering defects. This 3-year warranty period begins with the passing of risk or when the customer receives the product.

For warranty claims to be accepted, the product has to receive the correct maintenance and be put to the proper use as described in the operating instructions.

Your statutory rights of warranty are naturally unaffected during these 3 years.

This warranty applies in Germany, or in the respective country of the manufacturer's main regional sales partner, as a supplement to local regulations. Please note the details for contacting the customer service center responsible for your region or the service address listed below.

GB Einhell UK Ltd
Unit 5 Morpeth Wharf
Twelve Quays
Birkenhead, Wirral
CH 41 1LF

Helpline-No.: GB 0044 151649 1500
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