

Einhell[®]

GB Instructions for Use
Grass Trimmer

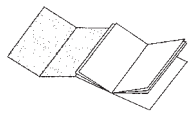


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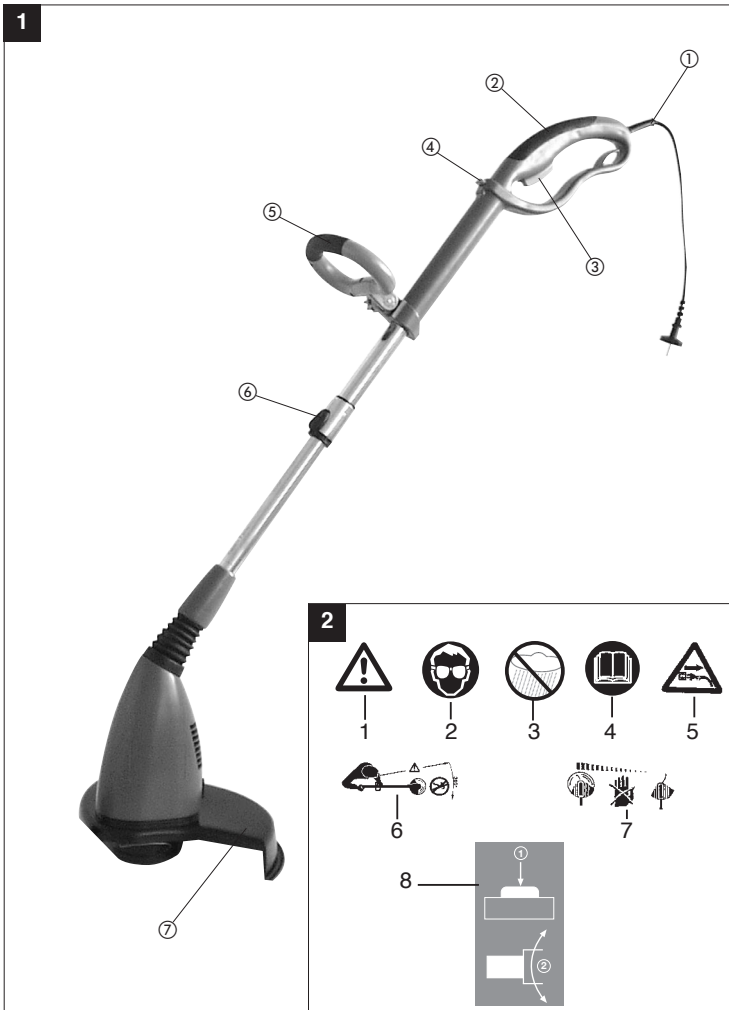
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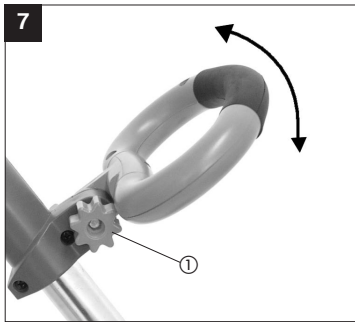
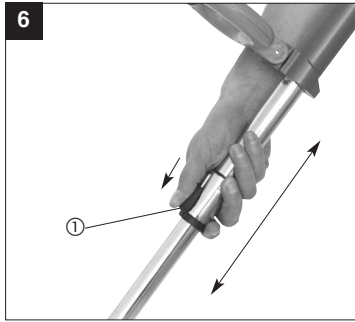
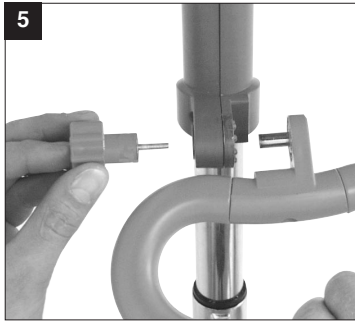
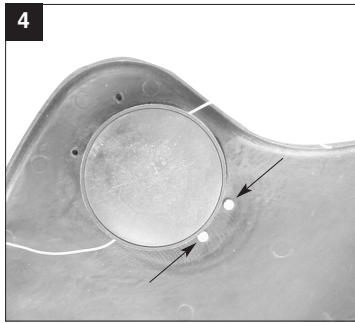
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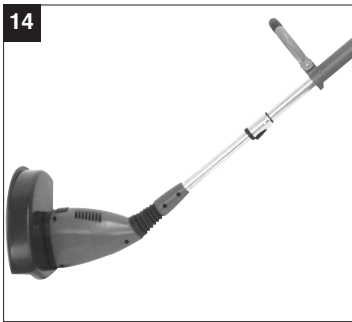
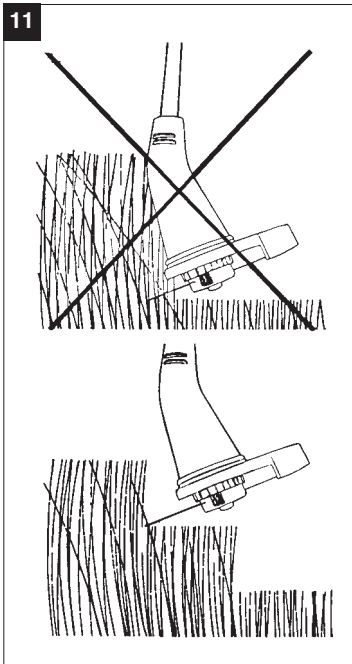
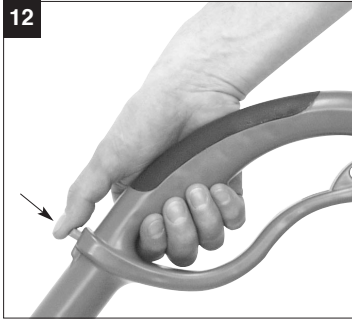
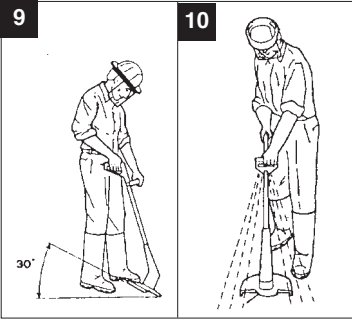
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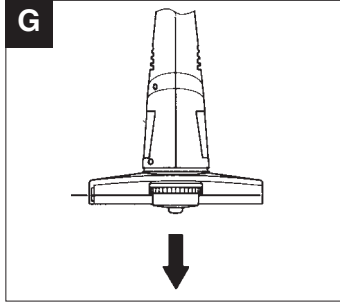
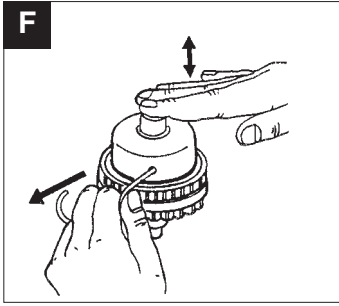
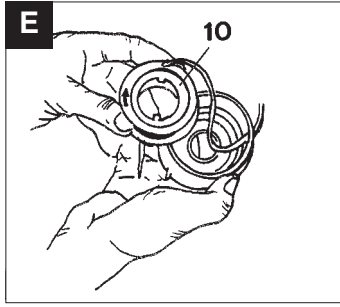
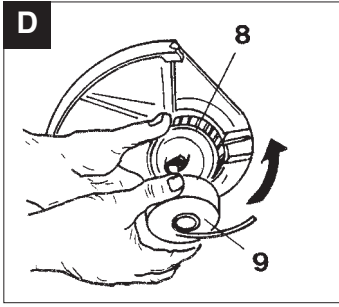


Please unfold page 2









1. Description of tool (see Illustration 1)

- 1 Mains cable
- 2 Upper handle
- 3 On/Off switch
- 4 Adjustment knob to alter handle position
- 5 Additional handle
- 6 Height adjustment
- 7 Protective cover

2. Important Instructions



These instructions should be read carefully and followed at all times. Familiarise yourself thoroughly with the tool, with its use and with all safety measures.

Caution!

For safety reasons this tool should not be used by children under the age of 16, or by any person who has not read the Instructions for Use.

- Check the tool visually before using it. Do not use the trimmer if the safety devices are worn or damaged. Never deactivate the safety devices.
- Only use this tool for the applications described in these Instructions for Use.
- You are responsible for safety within the working area.
- Check the cutting equipment before using the tool. Remove any foreign bodies. Beware of any foreign bodies when you are using the tool. If, despite all precautions, you hit an obstacle while using the tool, switch off the tool immediately and remove the obstacle.
- Only use the tool in good, clear visibility.
- When you are working, ensure that you always stand on firm ground. Take care when moving backwards that you do not trip and fall.
- Never leave the tool unsupervised at the place of work. If the work is interrupted for any reason, place the tool in a secure area.
- If you stop work to walk to another location, it is imperative that you switch off the tool while you are moving.
- Never use the tool in wet, damp conditions or when it is raining.
- Protect the tool from damp and rain.
- Before switching the tool on, check to ensure the nylon thread will not touch any stones or hard objects.

- Always wear appropriate protective clothing when using the tool, to avoid injuries to head, hands and feet. You should wear a helmet, goggles or a visor, long boots (or sturdy shoes and thick, protective trousers), as well as working gloves.
- When the tool is operating, keep it well away from your body!
- Never switch the tool on if it is turned towards you or not in a working position.
- Switch the power off if you are not using the tool, wish to leave it unsupervised, are checking it, if the mains cable is damaged, if you are attempting to remove or change the nylon spool or if you are transporting it from one place to another.
- Keep the tool well away from animals and bystanders, especially children, as unseen stones and other objects may be thrown up during trimming.
- Keep at least 5 metres away from other people and animals.
- Never cut against hard objects, so that you avoid injuries to yourself and damage to the tool.
- Use the edge of the protective cover to keep the tool away from walls, other surfaces or fragile objects.
- Never use the tool without its safety device.

⚠ CAUTION!

The protective device is there to ensure your safety and to protect others, as well as ensuring that the tool functions correctly. Non-compliance with these instructions could lead to potentially dangerous situations and will void any guarantee claims.

- Never attempt to stop the cutting mechanism (nylon thread) with your hands, always wait until the thread has stopped moving.
- Only use the original manufacturer's nylon thread and never, under any circumstances, replace the nylon thread with metal wire.
- Take great care not to injure yourself on the device used to cut the correct length of nylon thread.
- Ensure that all openings are free from blockages of dirt and waste.
- After using the tool, disconnect it from the mains socket and inspect the tool for damage.
- Never attempt to cut grass growing anywhere else but on the ground, i.e. grass growing on walls or stones.
- The operator is liable for any damage caused to other parties within the working area when using

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- the trimmer.
- Never cross roads or pebbled paths with the tool in operation.
 - When the tool is not being used, store it in a dry area inaccessible to children.
 - Only use the tool in the manner described in these instructions and always hold it vertically to the ground. Any other position is potentially dangerous.
 - Check regularly that all screws are fastened tightly.
 - The mains voltage must comply with the recommended voltage shown on the data specification label on the tool.
 - The connecting cable must be checked regularly for signs of damage or ageing. The tool must not be used if the connecting cable is not in perfect condition.
 - The connecting cable used must not be less robust than the light rubber cable HO7RN-F according to DIN 57282/VDE 0282 and must have a minimum diameter of 1.5 mm². The socket connection must have protective contacts and the coupling must be damp proof.
 - Ensure that there are no cables or other objects lying in the grass cutting area.
 - If the tool has to be lifted to be carried elsewhere, then switch off the power and wait until the thread is no longer moving before transporting it. Before leaving the tool, ensure that the tool is not operating and that the plug has been removed from the socket.
 - Before connecting the tool to the mains supply, check that none of the moving parts are damaged and that the spool of thread has been inserted and fastened correctly.
 - During operation of the tool, ensure that it does not come into contact with any hard objects, to avoid injury to the operator and damage to the tool.
 - Only original parts must be used during maintenance and servicing.
 - Any repairs should only be carried out by experts.

⚠ Caution: When the tool is switched off, the nylon thread will continue to rotate for a few seconds!

3. Explanation of the instruction labels on the tool (See Illustration 2)

- Item 1:** Warning!
Item 2: Wear eye protection!
Item 3: Protect against damp!
Item 4: Read the instructions before operating the tool!
Item 5: Before checking for a damaged cable, disconnect the mains plug!
Item 6: Keep bystanders away from the danger zone!
Item 7: The tool will continue to run after being switched off!
Item 8: Use the grass trimmer as an edge trimmer.

4. Technical Specifications: RT450

Mains voltage	230 V - 50 Hz
Performance	450 watts
Cutting circle	30 cms diameter
Revolutions	10,000 rpm
Nylon cutting thread	1.2 mm diameter
Noise pressure level LPA	81 dB(A)
Noise performance level LWA	95 dB(A)
Vibration aw	≤ 2.5 m/s ²
Weight	3 kgs.

The noise of the tool can exceed 85 dB(A). If this occurs, then the operator must use ear protection. Noise levels were measured according to IEC 59 CO 11, IEC 704, DIN 45635 Part 21, NFS 31-031 (2000/14 EG).

The vibration level at the handle is ≤ 2.5 m/s² and was determined according to ISO 5349.

5. Assembly of the protective cover and the handle

- Place the protective cover onto the motor head and fasten it down using the enclosed screws (see Illustration 3).
- First fasten the screws shown in Illustration 4, then the remaining 2 screws can be fastened.
- Then attach the handle as shown in Illustration 5.

6. Before using the tool for the first time

Adjust the height and the position of the additional handle to achieve an optimal working position.

Height adjustment

Place the trimmer firmly on the ground. Use the slide (see Illustration 6 / Item 1) to adjust the height to the correct position. Ensure that the slide locks firmly into position.

Adjusting the additional handle

Place the trimmer firmly on the ground. Loosen the screw (Illustration 7 / Item 1) and place the additional handle in the optimal position. The handle is locked into position by tightening the screw.

7. Using the tool for the first time

The trimmer is only intended for cutting grass. The trimmer possesses a semi automatic thread extension system. Every time the semi automatic thread extension system is activated, the thread will become longer, so that you are always using the optimal cutting length for your grass.

Please note that you increase the wear on your thread by frequently activating the automatic thread extension system.

Note:

If your tool is being used for the very first time, then any superfluous thread extending beyond the edge will be cut off by the blade on the protective cover.

If the thread is too short when the tool is being used for the first time, just press the button on the thread spool and pull hard on the thread. (Illustration F). As soon as the tool is in operation, the thread will automatically be cut back to the optimal length.

To maintain the performance of your trimmer, please adhere to the following instructions:

- Never use the trimmer without the safety mechanism
- Never cut grass when it is wet. Best results will be achieved if the grass is dry
- Connect the mains cable to the extension cable and loop this over the handle (Illustration 8)
- To switch your trimmer on, press the On/Off switch (Illustration 1 / Item 3)

- To switch your trimmer off, release the On/Off switch (Illustration 1 / Item 3)
- Only put your trimmer onto the grass once the tool has been switched on, i.e. when it is in operation
- To cut grass correctly, swing the tool to and fro and walk forwards. Always hold the trimmer at an angle of about 30 degrees (see Illustrations 9 and 10)
- If the grass is long, it should be cut back in steps from the top (see Illustration 11)
- Always make full use of the protective cover to keep thread wear down to a minimum
- Keep the trimmer away from hard surfaces to avoid unnecessary thread wear.

Semi automatic thread extension:

If the thread is too short, just press the trimmer against the ground (Illustration G) and activate the On/Off switch, then the thread length will be adjusted automatically.

8. Using the trimmer as an edge-cutter

The trimmer can be adjusted for cutting the edges of lawns and flowerbeds:

- Switch off the mains supply to the trimmer
- Depress the adjustment button (Illustration 12)
- While keeping the button down, turn the upper handle through 180 degrees (Illustration 13) until it clicks into position
- The trimmer has now been turned into an edge-cutter, which allows a vertical cut into the grass (Illustration 14).

9. Replacing the thread spool

Caution! Before replacing the thread spool ensure that the mains plug has been removed from the socket!

Holding the spool bracket (Illustration D / 8) with one hand, grasp the grooves of the spool cover (Illustration D / 9) and screw this off, in the direction shown by the arrow on the side of the cover. After removing the spool cover, take out the empty spool, but ensure that you do not lose the adjustment button and the spring. Place these two back into the spool bracket. Holding the replacement spool in one hand, push the ends of the threads through the holes on the spool cover and insert the spool cover again (Illustration 10 / E). Turn the spool cover clockwise until it locks into position.

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Now depress the adjustment button and pull out about 15 cm of thread (Illustration 15). When the trimmer is used for the first time, the cutting thread will automatically be cut to the correct length.

Caution! Flying parts of nylon thread can lead to injuries!

10. Maintenance and Cleaning

- Before putting the tool down and cleaning the trimmer, ensure it is switched off and the mains plug is disconnected from the socket
- Any waste stuck on the protective cover should be removed with a brush
- The plastic body and plastic parts should be cleaned with a mild detergent and a soft damp cloth
- Never use strong cleaning agents or solvents to clean the trimmer
- Never spray the trimmer with water. Any water penetration is to be avoided.

11. Ordering spare parts

When ordering spare parts (spool) please quote the article number : **Art. No. 34.051.20.**

- D EG Konformitätserklärung
- GB EC Declaration of Conformity
- F Déclaration de Conformité CE
- NL EC Conformiteitsverklaring
- E Declaracion CE de Conformidad
- P Declaração de conformidade CE
- S EC Konformitetsförklaring
- FIN EC Yhdenmukaisuusilmoitus
- N EC Konformitetserklæring
- RUS EC Заявление о конформности
- HR Dichiarazione di conformità CE
- RO Declarație de conformitate CE
- TR AT Uygunluk Deklarasyonu

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- GR EC Δήλωση περί της ανταπόκρισης
- I Dichiarazione di conformità CE
- DK EC Overensstemmelseserklæring
- CZ EU prohlášení o konformitě
- H EU Konformkijelentés
- SLV EU Izjava o skladnosti
- PL Oświadczenie o zgodności z normami Europejskiej Wspólnoty
- SK Vyhásenie EU o konformite



Rasentrimmer RT 450

Der Unterzeichnende erklärt in Namen der Firma die Übereinstimmung des Produktes.

The undersigned declares in the name of the company that the product is in compliance with the following guidelines and standards.

Le soussigné déclare au nom de l'entreprise la conformité du produit avec les directives et normes suivantes.

De ondertekenaar verklaart in naam van de firma dat het product overeenstemt met de volgende richtlijnen en normen.

El abajo firmante declara, en el nombre de la empresa, la conformidad del producto con las directrices y normas siguientes.

O signatário declara em nome da firma a conformidade do produto com as seguintes directivas e normas.

Undertecknad förklarar i firmans namn att produkten överensstämmer med följande direktiv och standarder.

Allekirjoittanut ilmoittaa liikkeen nimissä, että tuote vastaa seuraavia direktiivejä ja standardeja:

Undertegnede erklærer på vegne av firmaet at produktet samsvarer med følgende direktiver og normer.

Подписавшийся подтверждает от имени фирмы что настоящее изделие соответствует требованиям следующих нормативных документов.

Az aláíró kijelenti, a cég nevében a termék megegyezését a következő irányvonalakkal és normákkal.

Subsemnatul declară în numele firmei că produsul core-spunde următoarelor directive și standarde.

Imzalayan kiji, firma adina ününün asajida anlan yönetme-liklere ve normlara uygun oldugunu beyan eder.

En ondávati tui etairiasis dhávnei o upogeyrafmévoc tui svμφwvía tui προiόνtuoc πρoc tucuc akólouθuc κανoviovúouc kai ta akólouθα πρótuvta.

Il sottoscritto dichiara a nome della ditta la conformità del prodotto con le direttive e le norme seguenti.

På firmaets vegne erklærer undertegnede, at produktet imo-dekommer kravene i følgende direktiver og normer.

Niže podepsany jménom firmy prohlasuje, že výrobek odpovídá následujícím smérnicím a normám.

Az aláíró kijelenti, a cég nevében a termék megegyezését a következő irányvonalakkal és normákkal.

Podpisani izjavljam v imenu podjetja, da je proizvod v skladnosti s sledéčimi smernicami in standardi.

Niżej podpisany oświadcza w imieniu firmy, że produkt jest zgodny z następującymi wytycznymi i normami.

Podpisujući zázavne prehlásuje v mene firme, že tento výrobek je v súlade s nasledovnými smernicami a normami.

- | | | |
|--|--|---|
| <input checked="" type="checkbox"/> 98/37/EG | <input type="checkbox"/> 89/686/EWG | Einhell AG
Wiesenweg 22
94405 Landau/Isar |
| <input checked="" type="checkbox"/> 73/23/EWG | <input type="checkbox"/> 87/404/EWG | |
| <input type="checkbox"/> 97/23/EG | <input type="checkbox"/> R&TTED 1999/5/EG | |
| <input checked="" type="checkbox"/> 89/336/EWG | <input checked="" type="checkbox"/> 2000/14/EG: L _{WM} .93..dB(A); L _{WA} .95. dB(A) | |
| <input type="checkbox"/> 90/396/EWG | | |

DIN EN 786; EN 60335-1; EN 55014; EN 50082-1; EN 60555-3-2; EN 60555-3-3; DIN VDE 0730 T2ZP; DIN VDE 0730 T1; TÜV Süddeutschland Bau und Betrieb, KBV VI OR/10515/02

Landau/Isar, den 20.10.2003

Brunhölzl
Brunhölzl
Leiter Produkt-Management

Bauer
Bauer
Produkt-Management

Archivierung / For archives: 3401531-37-4155050-E

GUARANTEE CERTIFICATE

We guarantee this tool for a period of 2 (two) years under the conditions stated below. The guarantee period will always start with the delivery date, proof of which is seen as the receipt of purchase, the invoice, the delivery note or a copy of the same. Within the guarantee period we agree to repair any functional faults on the tool, which are a proven result of defective manufacture or materials. You will not be invoiced for the spare parts or the labour costs.

Exceptions:

The guarantee does not cover natural wear and tear, damage in transport or damage caused by non-compliance with the assembly instructions or incorrect installation. The manufacturer does not accept liability for indirect consequential damage or for material damage. Any repair to the tool does not automatically extend or renew the guarantee period. For claims, problems or spare parts please contact:

Technical Customer Service: Phone 0151 649 1500

We reserve the right to technical amendments and alterations without prior notice.

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