

LAZER[®]

GB

Lawn trimmer

Operating Manual – Safety instructions – Spare parts

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COUPE BORDURE

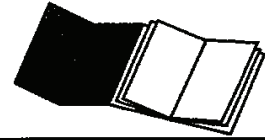
Instructions d'utilisation – Consignes de sécurité

NL

Gazontrimmer

Bedieningshandleiding – Veiligheidsinstructies
Reserveonderdelen





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Do not operate machine before having read the operating instructions, understood all the notes and assembly the machine as described here.

Keep the instructions in a safe place for future use.

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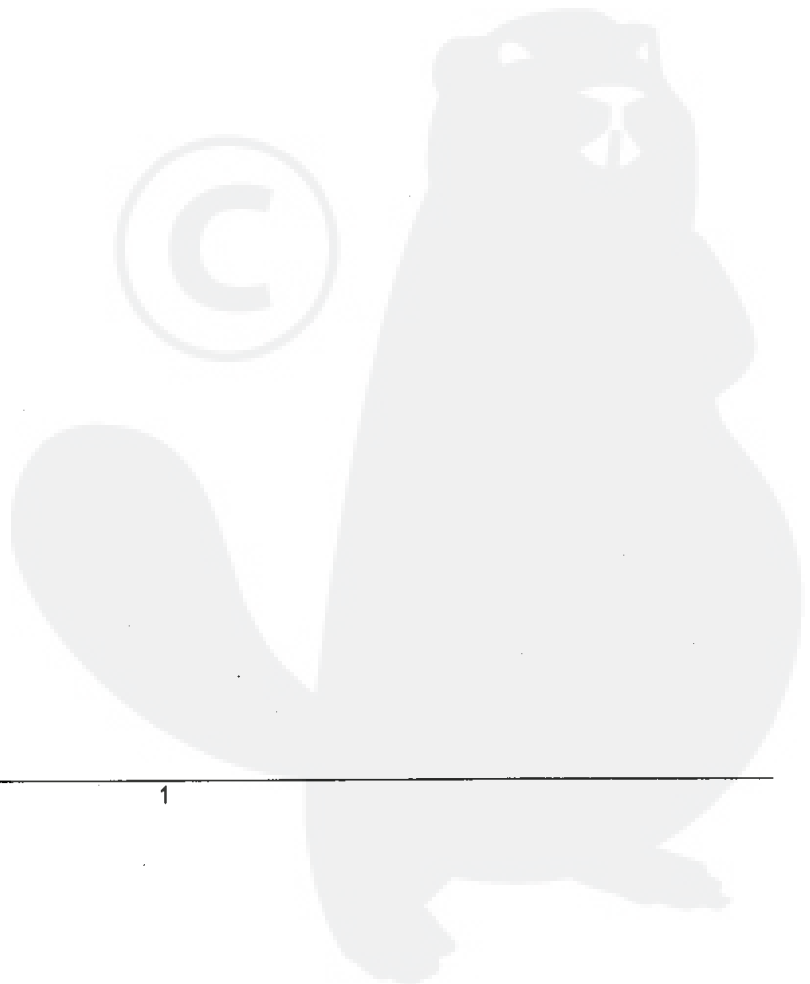
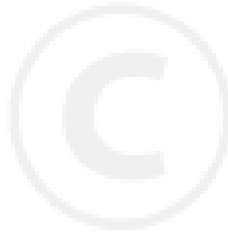
Vous ne devez pas mettre la machine en route avant d'avoir lu attentivement ce mode d'emploi, d'avoir observé toutes les informations indiquées et d'avoir monté la machine comme décrit.

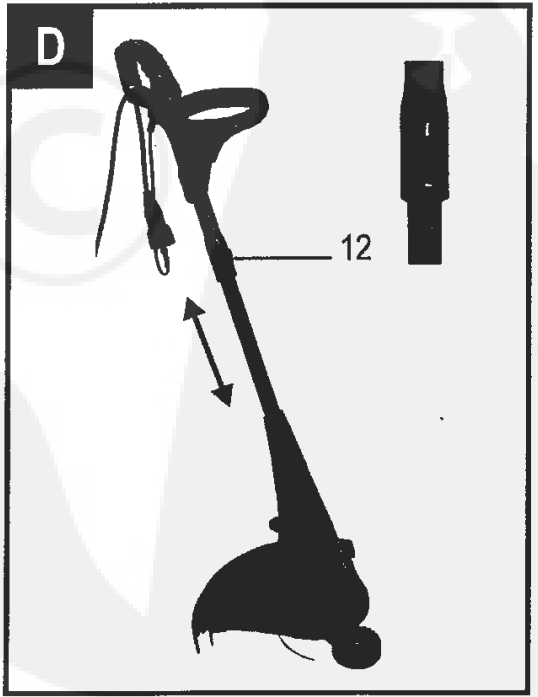
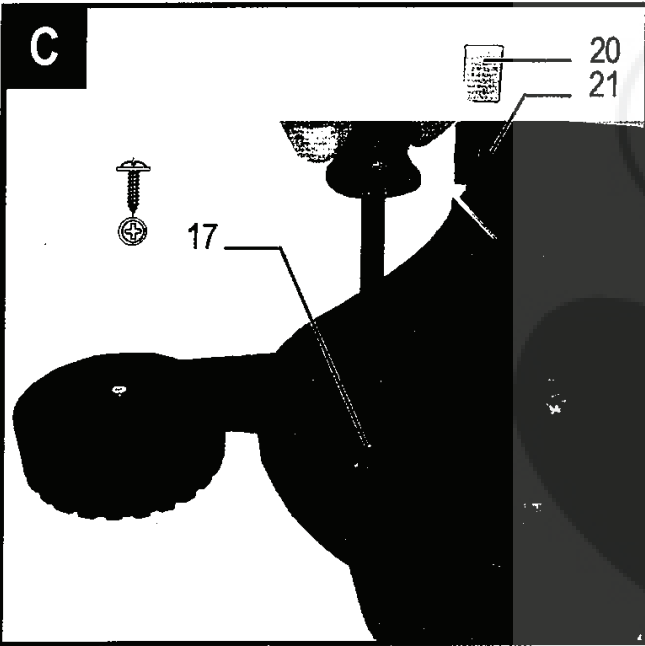
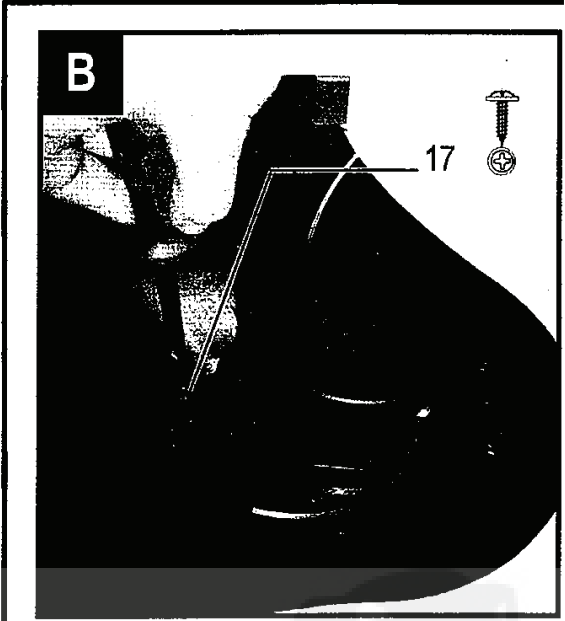
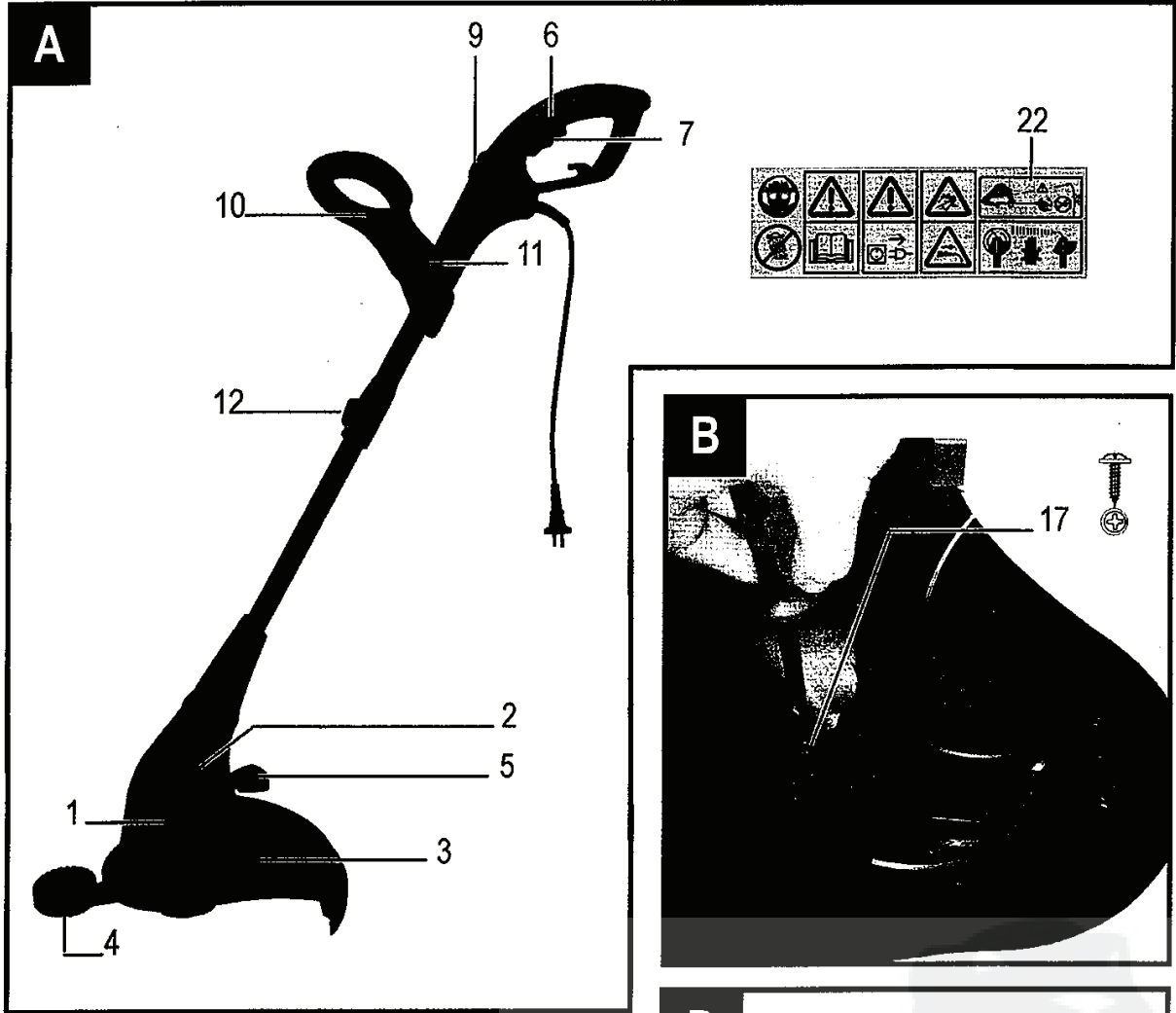
Conserver ces notice d'utilisation pour tout utilisateur futur.

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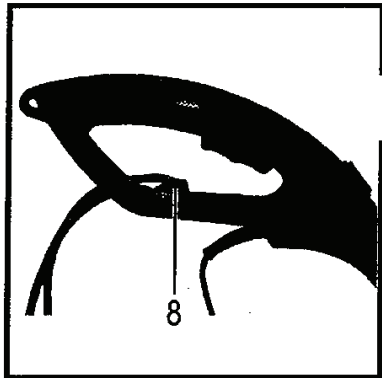
U mag het apparaat niet in bedrijf nemen, voordat U deze bedieningsaanwijzing heeft gelezen, alle instructies hebt gevolgd en het apparaat volgens de beschrijving heeft gemonteerd.

Bewaar deze bedieningsaanwijzing voor alle toekomstige toepassingen.

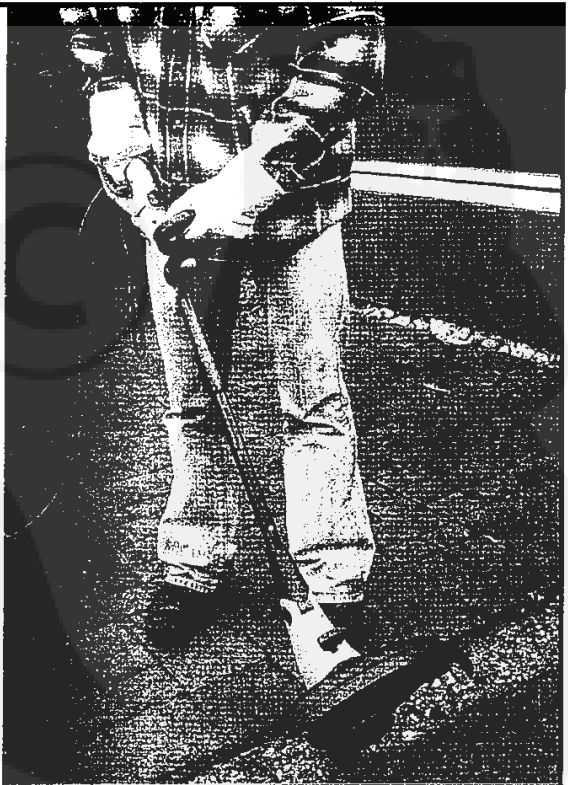




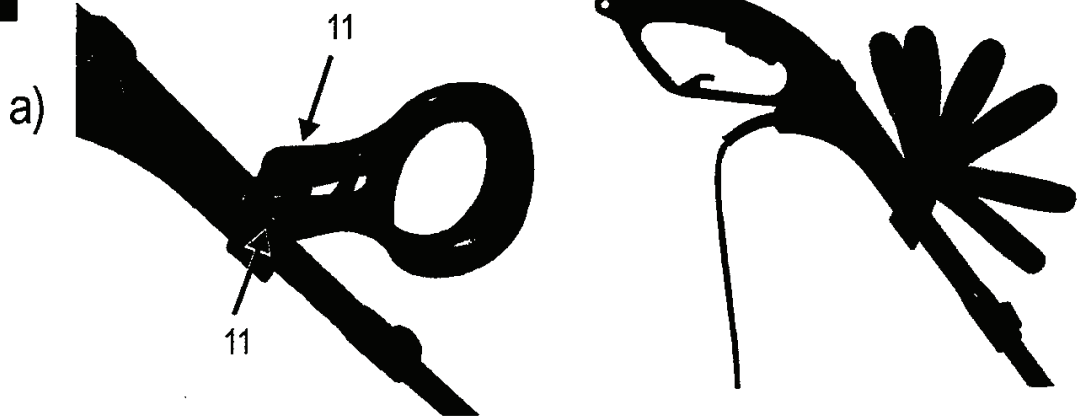
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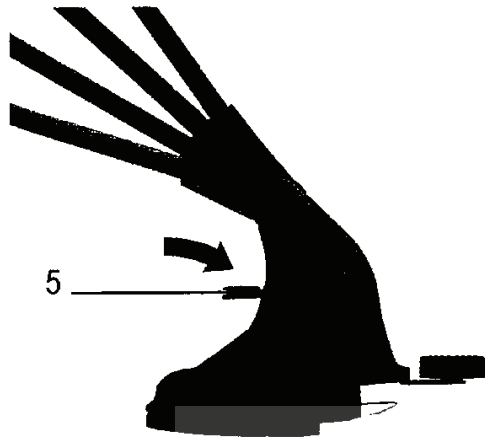
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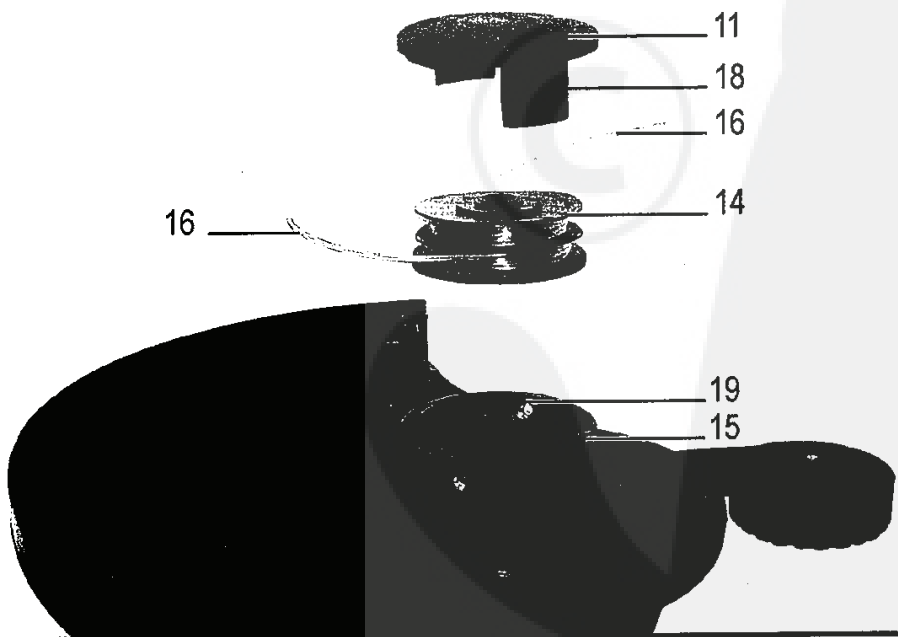
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Description / Spare parts

Pos.	Denomination
1.	Cutting head
2.	Ventilation apertures
3.	Protective hood
4.	Supporting wheel
5.	Foot lever
6.	Locking knob
7.	ON/OFF handle button
8.	Cable holder
9.	Locking knob (180° turn)
10.	Guide handle
11.	Locking knob
12.	Locking knob for height adjustment
13.	Spool receiver
14.	Thread spool cpl.
15.	Spool adapter
16.	Cutting thread
17.	Screw ST 4.2 x 18
18.	Locking devices
19.	Holes
20.	Protective cap
21.	Thread knife
22.	Safety label

Extent of delivery

- Lawn trimmer RT 550
- Protective hood (incl. screws)
- Supporting wheel
- Thread spool cpl.
- Operating manual

 After unpacking, check the contents of the box









- ▶ That it is complete
- ▶ Check for possible transport damage

Report any damage or missing items to your dealer, supplier or the manufacturer immediately. Complaints made at a later date will not be acknowledged.





Operating times

Before initiating the device please observe the provisions pertaining to corresponding laws (regional provisions) for the noise control.


Symbols machine

	Carefully read operator's manual before handling the machine. Observe instructions and safety rules when operating.		Shut off engine and remove power cord before performing cleaning, maintenance or repair work.
	When connecting cable is damaged or cut through immediately pull out the power plug.		Risk by thrown off objects.
	While the motor is running: Keep bystanders as well as pets and domestic animals away (min. 6m) from the danger zone.		Danger by after-running tool!
	Wear eye and ear protection.		Do not expose to rain. Protect against humidity.

Symbols Operating instructions

-  **Threatened hazard or hazardous situation.** Not observing this instruction can lead to injuries or cause damage to property.
-  **Important information on proper handling.** Not observing this instruction can lead to faults in the machine.
-  **User information.** This information helps you to use all the functions optimally.
-  **Assembly, operation and servicing.** Here you are explained exactly what to do.

Normal intended use

- This lawn trimmer is designed for cutting grass and similar soft vegetation and for trimming lawn edges in private and hobby garden areas which are not accessible with a lawnmower.
- The device is not allowed to be used in public gardens, parks, sports centres or at roadsides as well as in agriculture and forestry.
-  **This lawn trimmer is not allowed to be used for cutting or chopping:**
 - hedges, shrubs and bushes,
 - flowers,
 - in terms of composting.

Otherwise, there is a risk of injury.

- The intended usage also includes **compliance** with the **operating, servicing and repair conditions** prescribed by the manufacturer and following the **safety instructions** included in the instructions.
- The relevant **accident prevention regulations** for the operation as well as the other generally acknowledged occupational medicine and **safety rules** must be complied with.
- Any other use is deemed not to be use as prescribed. The manufacturer is not liable for any type of damage resulting from this: the **user** bears the sole risk.
- Unauthorised modifications at the lawn trimmer will exempt the manufacturer from any liability for damages of any kind arising from this.
- Only persons who are familiarised with the device and informed about possible risks are allowed to prepare, operate and service this device. Repair works may only be carried out by us or by a customer service agent nominated by us.
- The machine may not be used in a potentially explosive environment or be exposed to the rain.

Residual risks

Even if used properly, residual risks can exist even if the relevant safety regulations are complied with due to the design determined by the intended purpose.


Residual risks can be minimised if the "Safety information" and the "Intended usage" as well as the whole of the operating instructions are observed.

Observing these instructions, and taking proper care, will reduce the risk of personal injury or damage to the equipment.


- Risk of injury at fingers and hands by contact with the rotating cutting thread.
- Risk of injury at feet by contact with the cutting thread at a no-covered area.
- Stones and soil may be thrown off.
- Risk from electricity, by using non-standard electrical connections.
- Touching live parts of opened electrical components.
- Impairment of hearing when working on the machine for longer periods of time without ear protection.


In addition, in spite of all the precautionary measures taken, non-obvious residual risks can still exist.

Safety instructions

 **When improperly handled a lawn trimmer may be dangerous. If electrical tools are used, the fundamental safety precautions must be met to preclude the risks of fire, electric shock and injuries to persons.**

Before commissioning this product, read and keep to the following advice. Also observe the preventive regulations of your professional association and the safety provisions applicable in the respective country, in order to protect yourself and others from possible injury.

 Pass the safety instructions on to all persons who work with the machine.


 Keep these safety instructions in a safe place.

- Make yourself familiar with the equipment before using it, by reading and understanding the operating instructions.
- Do not use the machine for unsuitable purposes (see "Normal intended use").
- Always work on nonskid and flat ground.
- Avoid abnormal posture. Provide a **safe standing position** and keep at any time the **balance**.

Be observant. Attend to what you do. Start working with rationality. Do not use the device when you are tired or under the influence of drugs, alcohol or medicaments. One moment of carelessness when using the device can result in serious injuries.

- **Wear suitable work clothes:**
 - do not wear loose-fitting clothes or **jewellery**; they can catch in moving parts.
 - Gloves and nonskid footwear
 - Trousers to protect the legs
- **Wear protective clothing:**
 - **safety goggles**
 - **ear protection** (Sound intensity level at workplace can exceed 85 dB (A))
- Keep your **workplace in an orderly condition!** Untidiness can result in accidents.
- Be careful when stepping back. Risk of stumbling.
- Before trimming, **remove all foreign objects** (e.g. stones, branches, wires, etc.). While working watch out for further foreign objects.
- If you come across to **foreign objects**, please power off the device and remove those foreign objects. However before you restart the device, check it for possible damages and have it repaired if necessary:
- Take into consideration environmental influences:
 - Do not use the device in moist or wet ambience.
 - Do not use the device in **rainy weather**.
 - Provide for **good illumination**.
- Never leave the device unattended.


- **Children and young persons** under 16 years of age as well as persons who have not read the instruction manual are not allowed to operate this product.
- Keep **bystanders and animals** away from your working area.
Do not allow other persons, especially **children**, to **touch the tool or cable**.
- Switch off the machine if persons, in particular children or pets, are close to you or if you change your working area.
- Do not overload the machine! You work better and safer in the **given performance range**.
- Only operate the machine with complete and correctly attached **safety equipment** and do not alter anything on the machine that could impair the safety.
- Do not touch the knife, risk of injury.
- Never install metallic cutting elements.


 The use of **other tools** and other accessories can signify a **risk of injury** for you.


- Switch off the machine and wait until the cutting thread is stationary. Then, disconnect the mains plug from the outlet before:
 - carrying out repair works
 - maintenance and cleaning
 - Elimination of failures (cleaning the thread spool)
 - transport and storage
 - Leaving the product (even in case of short-term interruptions)
 - (also for short-term interruptions)
- **Caution! After-running cutting thread!** Do not try to slow down the thread by the hand.
- Thoroughly **maintain** your lawn trimmer:
 - Make sure that the ventilation apertures are free.
 - Keep **handles** dry and free of oils and grease.
 - Follow the **maintenance instructions** and the instructions for spool exchange.
- Check the machine for possible damage:
 - Before continuing to use the machine, the **protective devices** must be inspected to ensure that they work perfectly and with their intended function
 - Check whether the **movable parts** function perfectly and do not stick or whether the parts are damaged. All parts must be correctly installed and fulfil all conditions to ensure perfect operation of the saw
 - Unless otherwise indicated in the operating instructions, **damaged safety devices and parts** must be properly repaired or replaced by an authorised workshop (or by the manufacturer).
 - Damaged or illegible **safety warning labels** should be **replaced** immediately.
- Store the **unused machine** in a dry locked place away from the reach of children.

Electrical safety

- Design of the **connection cable** according to IEC 60 245 (H 07 RN-F) with a core cross-profile section of at least
 - 1.5 mm² for cable lengths **up to 25 m**
 - 2.5 mm² for cable lengths **over 25 m**
- Long and thin connection lines result in a potential drop. The motor does not reach any longer its maximal power; the function of the device is reduced.
- **Plugs and coupler outlets** on connection cables must be made of rubber, non-rigid PVC or other thermoplastic material of same mechanical stability or be covered with this material.
- The connector of the connection cable must be **splash-proof**.
- When running the **connection line** observe that it does not interfere, is not squeezed, bended and the plug connection does not get wet.
- Do not use the **cable** for purposes for which it is not meant. **Protect** the cable against **heat, oil and sharp edges**. Do not use the cable to pull the plug from the socket.
- Wind off completely the cable when using a cable drum.
- Regularly check the **extension cables** and replace them if they are damaged.
- Do **not use any defective connection cables**.
- When working outdoors, only use extension cables especially **approved** and appropriately labelled for outdoor use.
- Do **not set up any provisional** electrical connections.
- **Never bypass** protective devices or deactivate them.
- Only hook up the machine by means of a fault-current circuit breaker (30 mA).

 The **electrical connection or repairs** to electrical parts of the machine must be carried out by a certified electrician or one of our customer service points. Local regulations – especially regarding protective measures – must be observed.

 **Repairs** to other parts of the machine must be carried out by the **manufacturer** or one of his customer service points.

 Use only original spare. Accidents can arise for the user through the **use of other spare parts**. The manufacturer is not liable for any damage or injury resulting from such action.

Preparing for commissioning

 To achieve perfect function of the machine, follow the notes given in these instructions



You have to do the following:

- Attach the protective hood
- Assembling the supporting wheel

Installing the protective hood **B**

Fasten the protective hood (3) to the cutting head (1) using the screws (17).

Assembling the supporting wheel **C**

Fasten the supporting wheel (4) with the screws (17) to the protective hood (3).

Commissioning


Mains connection

Compare the voltage given on the machine model plate e.g. 230 V with the mains voltage and connect the saw to the relevant and properly earthed plug

Only hook up the machine by means of a fault-current circuit breaker (30 mA).

- Use connecting or extension cables up to a length of 25 m featuring a core cross section of at least 1.5 mm².

Mounting of the extension cable **E**

 In order to prevent an unintended loosening of the connection assembly put the extension cable as noose through the opening on the rear handhold and put it over the cable mounting.

Switch on

Do not use any device where the switch can not be switched on and off. Damaged switches must be repaired or replaced immediately by the customer service.

The lawn trimmer has a two-hand protective shut-down which prevents an unintended switching on.

Switch on


First press the round locking knob (6) on the side and then the ON/OFF handle button (7).

While working, you can release the locking knob (6).


Switching off

Release the ON/OFF handle button (7).

Working instructions

 Before commencing work, ensure the following:

- You may not start to operate the machine until you have read these operating instructions, observed all the instructions given and installed the machine as described!
- Make sure to have a safe and tidied up work area. Remove from the working area objects which might be thrown off.
- Before starting your work make sure that:
 - no other persons or animals stay within the working area,
 - you can always step back without any barriers,
 - you have always a secure standing position.
- Only trim the lawn when it is dry, then you will obtain the best results.


 If persons who have blood circulation problems are too often exposed to vibrations damages to the nervous system or to blood vessels may occur.

You can reduce vibrations


- by thick and warm working gloves,
- shorter working time (have longer breaks).

See a doctor if your fingers swell, you don't feel well or your fingers become numb.

Working with the lawn trimmer

 Always keep your hands and feet at a safe distance to the rotating cutting thread.

- Before starting, remove the protective cap (20) from the thread knife (21). **C**
- Always keep the ventilation apertures free.
- The cutting thread is after-running once the lawn trimmer has been powered off. Therefore wait until the thread is stationary before you restart the product.

 Ensure that you always comply with the safety instructions given on p. 16 ff.

Working with the lawn trimmer

Correct working position

Before you start working it is recommended to adjust your lawn trimmer so that you can work safely and comfortably.

Telescopic tube **F**

You can use the telescopic tube to adjust

- the trimmer length and
- the trimmer height.

Four height positions are possible.

- Press the adjusting knob (12) upwards.
- You can release the adjusting knob while pulling or pushing the telescopic tube.
- Then, the adjusting knob engages in the next position.

Guide handle **G a)**

For better control, grasp the lawn trimmer also at the guide handle (10). You can adjust the guide handle in height to have a better working comfort.

- Hold the locking knobs (11) pressed.
- Move the handle to your desired position.
- Release the locking knobs.
- The handle engages.

Angle adjustment **G b)**

By angle adjustment of the device you can also reach hardly accessible areas, e.g. below benches or shrubs. The lawn trimmer features four angle positions.

- Hold the foot lever (5) pressed and move your lawn trimmer upwards or downwards.
- Then, the handle engages in the next position.

Trimming **E**

While trimming keep the lawn trimmer away from your body at a sufficient distance. Tilt the product slightly forward and move it from left to right.

It is recommended to cut higher grass above 15 cm in several passes.

Trimming edges **F**

To trim along edges and around shrubs and trees you have to turn the cutting head.

1. Switch off the lawn trimmer.
2. Press the locking knob (9).
3. Release this knob while turning the handle by 180° to the left (counterclockwise).
4. The handle will click into place.
5. Place the lawn trimmer on the supporting wheel (4) and guide the device along the edge. So you can trim edges in a safe distance to the ground and without the need to carry the device.

Guide the product around trees and shrubs so that the plants are not damaged.

Caution! Damaged plants may die off.

Do not guide the cutting thread directly at walls and paving stones. Otherwise it will prematurely wear off.

Automatic thread follow-up

The cutting thread will be followed up automatically with each starting of the device.

Maintenance and cleaning



Before each maintenance and cleaning work :

- switch off device
- wait until the cutting thread is stationary.
- pull out main plug

For maintaining and cleaning, removed security devices must unconditionally be mounted properly and proved again.

Use only original parts. Other parts can result in unexpected damages and injuries.

Maintenance and repair work beyond this is only allowed to be carried out by the manufacturer or authorized service staff.

i Note the following to keep your lawn trimmer functioning:

- Clean all movable parts on a **regular** basis.
- Remove dust and dirt with a cloth or a brush.
- Do not clean the machine with running water or high-pressure cleaners.
- Do not use solvents for the synthetic parts (petrol, alcohol, etc.) as these can damage the synthetic parts.

Replacing the thread spool

Replacing the thread spool **H**

1. Disconnect the mains plug.
2. Press together the both locking devices (18) at the spool cover (13) and remove the latter.
3. Remove the thread spool (14) from the spool cover.
4. Remove dirt and grass residues.
5. Thread the both cutting thread ends (16) of the new thread spool through the holes (19) of the spool cover provided for this (each one end through one hole).
6. Firmly place the thread spool in the spool cover. Make sure that the cutting threads are not caught and pull them approx. 9 cm out of the spool.
7. Place the spool cover with thread spool into the spool receiver (15) and press it firmly down until the locking devices (18) of the spool cover securely click into place.

Storage



Remove the mains plug from the socket.

- Store unused equipment in a dry, locked place out of the reach of children.
- Place the protective cap (20) onto the thread knife (21). **C**
- **Before a longer storage** observe the following in order to prolongate the service life of the machine and to guarantee a smooth running operation:
 - thoroughly clean the machine

You can hang up your lawn trimmer in a space-saving manner.

Guarantee

- We grant a guarantee of two years, commencing with the day of delivery from the dealer's store, for material and manufacturing faults.
- Warranty claims, even during the warranty period, will not be accepted for damages due to incorrect handling or inadequate packaging during return of the devices or to a non-observance of the operating instructions. Faulty parts must be sent to our works, postage or freight free. We reserve the right to decide upon free spare part delivery.
- Guarantee work will be completed by us or an authorised servicing agency. Guarantee damage can only be remedied by another firm with our explicit approval.
- The warranty does not cover normal wearing of the thread spool.
- Guarantee is also granted if original spare parts are used.
- Subject to changes in the interest of technical progress.

Possible faults



Before each maintenance and cleaning work

- switch off device
- wait until the cutting thread is stationary.
- pull out main plug

After repair and before re-operation control and reactivate all security installations.

Fault	Possible cause	Removal
Trimmer does not operate.	<ul style="list-style-type: none"> ⇒ no power ⇒ extension cable damaged ⇒ main plug, motor or switch defect 	<ul style="list-style-type: none"> ⇒ Check power supply, power socket and fuse protection ⇒ Check extension cable, exchange defect cable immediately ⇒ Have motor or switch checked by an approved electrician or replaced by original spare parts.
Trimmer operation with interruptions.	<ul style="list-style-type: none"> ⇒ Extension cable defective. ⇒ Internal fault. ⇒ ON/OFF button defective. 	<ul style="list-style-type: none"> ⇒ Check extension cable, exchange defect cable immediately ⇒ Please contact the after sales service.
Trimmer does not cut.	<ul style="list-style-type: none"> ⇒ Cutting thread too short/broken. ⇒ Device overloaded as grass too high. 	<ul style="list-style-type: none"> ⇒ Follow up the cutting thread. ⇒ Trim the grass in several passes.
Cutting thread is not followed up.	<ul style="list-style-type: none"> ⇒ No more thread on the spool. ⇒ Cutting thread entangled. 	<ul style="list-style-type: none"> ⇒ Replace the thread spool. ⇒ Recoil the cutting thread.

Technical data

Motor rating P ₁	550 W
Mains voltage / Mains frequency	230 V~ / 50 Hz
RPM	11000 / min
Cutting diameter Ø	max. Ø 320 mm
Cutting thread diameter Ø	14 mm
Thread spool	2 x 5 m
Thread follow up	Automatic
Hand arm vibration according to EN 786	7,0 m/s ²
Sound pressure level L _{PA} (according to regulation 2000/14/EG)	88 dB (A)
Schalleistungspegel L _{WA} (nach 2000/14/EG)	measured sound power level 94,9 dB (A) guaranteed sound power level I 96 dB (A)
Dimensions (Height)	ca. 80 / 108 cm
Weight	ca. 3,6 kg
Protection art.	II