



EB918D

Contents

| | |
|------------------------------|----|
| Symbols used in this manual | 2 |
| Symbols on the power tool | 2 |
| For your safety | 2 |
| Noise and vibration | 7 |
| Overview | 8 |
| Technical specifications | 9 |
| Instructions for use | 9 |
| Cutting techniques | 12 |
| Maintenance and care | 12 |
| Disposal information | 13 |
| Guarantee | 14 |
| CE-Declaration of Conformity | 14 |

Symbols used in this manual

WARNING!

Denotes impending danger.
Non-observance of this warning may result in death or extremely severe injuries.

CAUTION!

Denotes a potentially dangerous situation.
Non-observance of this warning may result in injury or damage to property.

NOTE

Denotes application tips and important information.

Symbols on the power tool



General safety warning!



Before switching on the power tool, read the operating manual!



Wear safety goggles.



Wear ear protection.



Wear head protection.



Wear protective gloves.



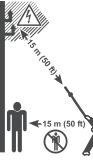
Wear safety shoes.



Protect the device from rain and do not leave it outdoors in the rain!



Risk of injury by falling branches!
Keep third parties away from the danger area!



Risk of death by electrocution!
Never touch power supply or telephone lines. Keep a minimum distance of 15 m.
Keep third parties away from the danger area!



Disposal information
(See page 27)!



The guaranteed sound power level is 94 dB.



Direct current (DC)

For your safety

WARNING!

Before using the garden tool, read and follow:

- these operating instructions,
- the user instructions of associated/supplied accessories (charger, battery),
- the currently valid site rules and the regulations for the prevention of accidents.

User

This garden tool is not intended for use by persons 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

machine by a person responsible for their safety.

Never allow children or people unfamiliar with these instructions to use the garden tool.

Supervise children. This will ensure that children do not play with the unit.

Intended use

This garden tool is

- intended for cutting and trimming hedges and bushes which have a maximum branch thickness of 24 mm;
- designed for maintaining hedges and bushes in the private sector,
- not suitable for work above shoulder height
- to use according to the descriptions and safety instructions indicated in this operating manual.

Any other use is not as intended. Improper use is not covered by the warranty and the manufacturer will reject any liability. The user is liable for all injuries to third parties and damage to their property.

Operate the unit only in the technical condition as stipulated and delivered by the manufacturer.

Arbitrary changes to the unit will exclude the manufacturer from any liability for resulting injury and/or damage.

General Power Tool Safety Warnings

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. Save all warnings and instructions for future reference.

The term "power tool" in all of the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

Work area safety

- **Keep work area clean and well lit.** Cluttered and dark areas invite accidents.

- **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
- **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

Electrical safety

- **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges and moving parts.** Damaged or entangled cords increase the risk of electric shock.
- **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
- **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.

Personal safety

- **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
- **Use personal protective equipment.** Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.

- **Prevent unintentional starting.** Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- **Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
- **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.

Power tool use and care

- **Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
- **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- **Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
- **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.

- **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.
- **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.

Battery tool use and care

- **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.
- **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** Liquid ejected from the battery may cause irritation or burns.

Service

- **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.

Safety instructions for hedge trimmers

- **Keep all parts of the body away from the cutter blade. Do not remove cut material or hold material to be cut when blades are moving. Make sure the switch is off when clearing jammed material.** A moment of inattention while operating the hedge trimmer may result in serious personal injury.
- **Carry the hedge trimmer by the handle with the cutter blade stopped. When transporting or storing the hedge trimmer always fit the cutting device cover.** Proper handling of the hedge trimmer will reduce possible personal injury from the cutter blades.
- **Hold the power tool by insulated gripping surfaces only, because the cutter blade may contact hidden wiring.** Cutter blades contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.

Additional safety instructions

- **This unit is not designed to be used by persons who have limited physical, sensory or mental abilities or who have inadequate experience and/or knowledge of the unit, unless they are supervised by a person responsible for their safety or they have been instructed by the person how to use the unit. Children should be supervised to ensure that they do not play with the unit.**
- **Switch the unit off and remove the battery under the following conditions:**
 - if the unit is left unattended;
 - before checking, cleaning or performing other work on the unit;
 - if the unit starts vibrating excessively.
- **While cutting, ensure that there are no persons (particularly children) or animals in the working area. Ensure that children do not play with the unit.**
- **Before switching on the hedge trimmer, ensure that the working area is free of stones and pieces of wire. Look out for them while cutting and search the hedge for concealed objects, such as wire fences. Beware of overhead power lines.**
- **Use the unit only in daylight or in good artificial lighting.**

- **Use the unit in dry conditions only. Protect it from rain and moisture.**
- **Ensure that the cutter does not touch the ground or other objects.**
- **Wait until the electric power tool has come to a standstill before putting it down.**
- **When interrupting work, never leave the unit unattended and keep it in a safe place.**
- **Always switch the hedge trimmer off before transporting it to other workplaces.**
- **Never grasp the blade of the hedge trimmer.**
- **Ensure that all guards and handles are fitted before using the unit. Never attempt to switch on an incompletely assembled unit or a unit which has unauthorised modifications.**
- **Operate the unit only in the technical condition stipulated and delivered by the manufacturer.** Unauthorised changes to the unit exclude liability of the manufacturer for any resulting damage and/or injury.
- **Spare parts must conform with the requirements specified by the manufacturer. Therefore use original spare parts only or spare parts authorised by the manufacturer.** When replacing parts, please follow the supplied installation instructions and remove the battery beforehand.
- **Have repairs carried out exclusively by a qualified technician or a service centre.**
- **Dress properly! Do not wear loose clothing or jewellery, which can be caught in moving parts.** Use of sturdy gloves, non-skid footwear and safety glasses is recommended.
- **If the cutting mechanism strikes any foreign object or the hedge trimmer starts making any unusual noise or vibration, shut off the power source and allow the hedge trimmer to stop.** Disconnect the battery pack and take the following steps:
 - inspect for damage;
 - check for, and tighten, any loose parts;
 - have any damaged parts replaced or repaired with parts having equivalent specifications
- **Familiarise yourself with how to operate the hedge trimmer so that you know how to stop it quickly in an emergency.**

Safety instructions for the battery charger

- **Keep the battery charger away from rain or moisture.** Penetration of water in the battery charger increases the risk of an electric shock.
- **Keep the battery charger clean.** Contamination can lead to danger of an electric shock.
- **Before each use, check the battery charger, cable and plug. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.** Damaged battery chargers, cables and plugs increase the risk of an electric shock.
- **This appliance can be used by persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved, children shall not play with the appliance. cleaning and user maintenance shall not be made by children without supervision.**
- **Do not place any objects on the battery charger and do not place the battery charger on soft surfaces.** There is a risk of fire.
- **Always check that the mains voltage matches the voltage indicated on the rating plate of the battery charger.**
- **Never open the battery charger.** If the battery charger is defective, take it to a service centre.
- **This battery charger is uniquely designed for charging the battery pack of this long reach hedge trimmer. Never use the battery charger to charge other battery packs or other non-rechargeable battery packs.**

Safety instructions for Li-ion batteries

- **Do not open the battery.** There is a risk of a short-circuit.
- **Protect the battery from heat, e.g. from continuous exposure to sunlight, fire, water and humidity.** There is a risk of explosion.



Avoid placing the battery pack near heat source!



Never throw the battery pack into fire!



Never expose the battery pack in the rain, never throw the battery pack into water!

- **In case of damage and improper use of the battery, vapours may be emitted.** Ventilate the area and seek medical help in case of complaints. The vapours can irritate the respiratory system.
- **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** Liquid ejected from the battery may cause irritation or burns.
- **Use only original batteries with the voltage indicated on the rating plate of your electric power tool.** If other batteries are used, e.g. imitations, reconditioned batteries or third-party products, there is a risk of injuries as well as damage caused by exploding batteries.
- **The battery voltage must match the battery charging voltage of the battery charger.** Otherwise there is a risk of fire and explosion.
- **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- **Pointed objects, such as nails or screwdrivers, or external forces may damage the battery.** This may cause an internal short-circuit and the battery to burn, smoke, explode or overheat.

Noise and vibration



NOTE

Values for the A-weighted sound pressure level and for the total vibration values can be found in the “Technical specifications” table.



CAUTION!

The indicated measurements refer to new power tools. Daily use causes the noise and vibration values to change.



NOTE

The vibration emission level given in this information sheet has been measured in accordance with a standardised test given in EN 60745 and may be used to compare one tool with another. It may be used for a preliminary assessment of exposure. The declared vibration emission level represents the main applications of the tool. However if the tool is used for different applications, with different accessories or poorly maintained, the vibration emission may differ. This may significantly increase the exposure level over the total working period.

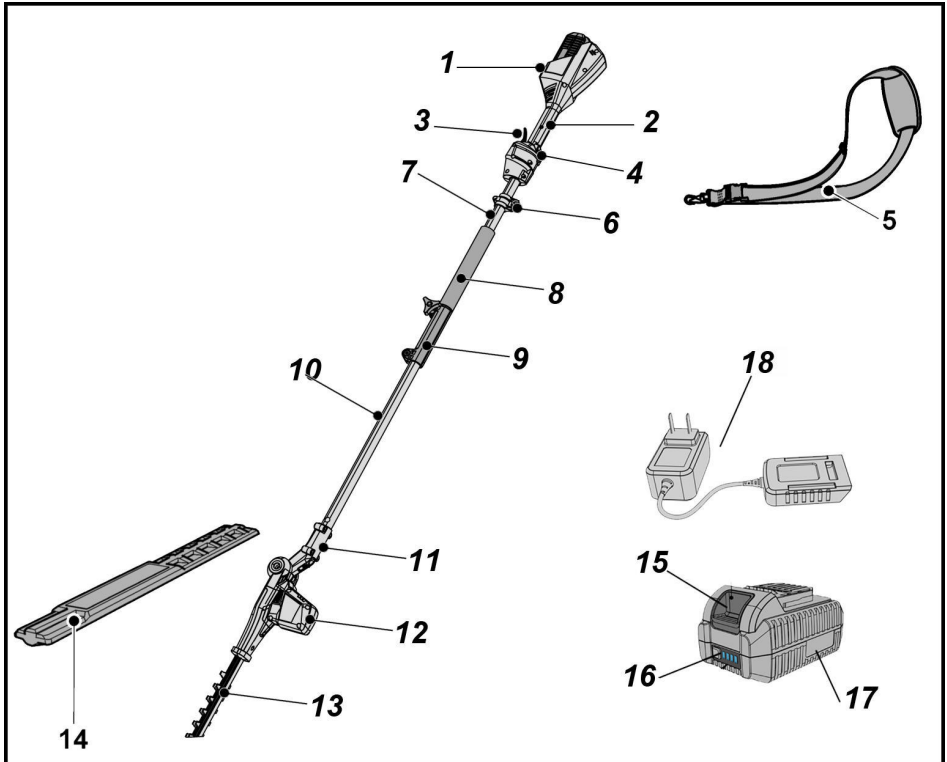
However if the tool is used for different applications, with different accessories or poorly maintained, the vibration emission may differ. This may significantly decrease the exposure level over the total working period. Identify additional safety measures to protect the operator from the effects of vibration such as: maintain the tool and the accessories, keep the hands warm, organisation of work patterns.



CAUTION!

Wear ear protection at a sound pressure above 85 dB(A).

Overview



- | | | | |
|----|-----------------------------------|----|-------------------------------|
| 1 | Insertion slot for battery | 14 | Protection hood |
| 2 | Handle | 15 | Release button for battery |
| 3 | On/Off switch | 16 | LED state of charge indicator |
| 4 | Switch interlock | 17 | Battery* |
| 5 | Shoulder belt | | EB20(2.0Ah) |
| 6 | Fastening loop for shoulder belt | 18 | Battery charger* |
| 7 | Lower shaft | | EBC05(0.5A), EBC20(2.0Ah) |
| 8 | Front handle | | |
| 9 | Upper shaft | | |
| 10 | Lower shaft | | |
| 11 | Locking button for working angle | | |
| 12 | Housing with ventilation openings | | |
| 13 | Cutting bar | | |

* Optional. Depending on delivery scope.

Technical specifications

| | | | |
|---|------------------|-------------------|--------|
| Appliance | | Hedge trimmer | |
| Type | | | EB918D |
| Nominal voltage | | V \equiv | 40 |
| Battery type | EB20 | Ah | 2.0 |
| No-load stroke rate | | min ⁻¹ | 1300 |
| Blade length | | mm | 460 |
| Maximum branch thickness | | mm | 24 |
| Weight according to "EPTA Procedure 01/2003" (without battery) | | kg | 3.5 |
| Weight battery | EB20 | kg | 0.75 |
| A-weighted sound pressure level according to ISO 22868, EN 3744: | | | |
| Sound pressure level L _{pA} | dB(A) | 94 | |
| Sound power level L _{WA} | dB(A) | 104 | |
| Uncertainty K | dB | 3.0 | |
| Total vibration value according to ISO 22867: | | | |
| Emission value a _h | m/s ² | 3.26 | |
| Uncertainty K | m/s ² | 1.5 | |

Instructions for use



WARNING!

Switch the unit off and remove the battery under the following conditions:

- if the unit is left unattended;
- before checking, cleaning or performing other work on the unit;
- if the unit starts vibrating excessively.

Before initial operation

Unpack the garden tool and accessories and check that no parts are missing or damaged.



NOTE

The batteries (optional; depending on delivery scope) are not fully charged on delivery. Prior to initial operation, charge the batteries fully. See user manual of the battery charger.

Adjustments before using

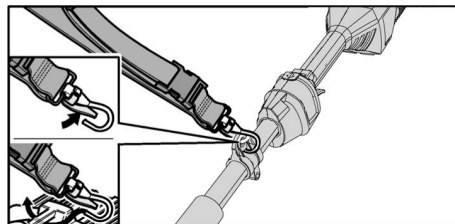


WARNING!

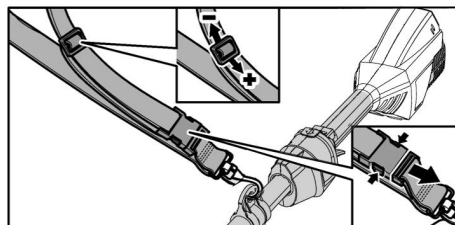
Before performing any work on the garden tool, remove the battery.

Assembling and adjusting the shoulder belt

- Open retaining hook and hook onto the fastening eye on the housing.

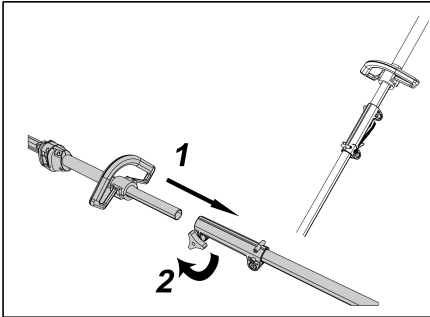


- Adjust the shoulder belt to your height.



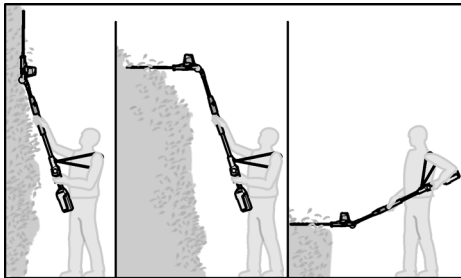
Assemble the shafts

- Please plug the shafts together as illustrated(1).
- Tighten up the shaft coupling(2).

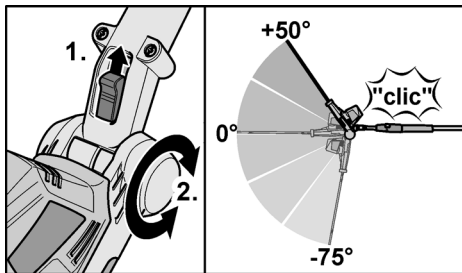


Adjust the working angle

For high or low cutting the cutting head can be tilted.

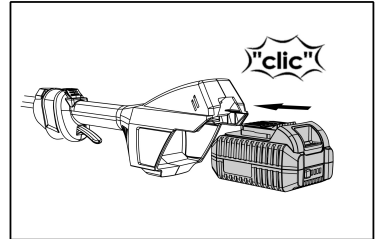


- Press up the locking button (1).
- Set the required working angle (2).
- Release the locking button until it clicks into place.

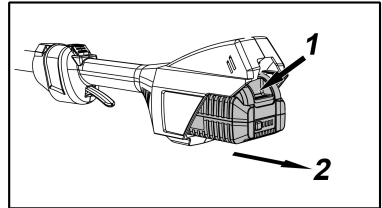


Inserting/replacing the battery

- Charging the battery as described in the user manual of the charger.
- Press the charged battery into the power tool until it clicks into place.



- To remove, press the release button (1) and pull out the battery (2).



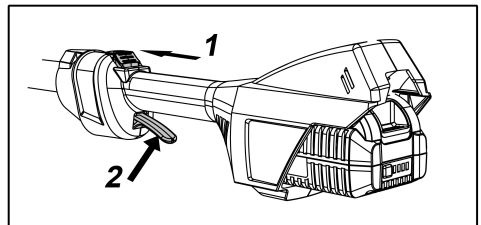
CAUTION!

Protect the battery contacts when the battery is not being used. Loose metal parts may short-circuit the contacts – Explosion and fire hazard!

Switching on/off the power tool

Switching on

- First press and hold the switch interlock(1).
- Then press the On/Off switch (2).

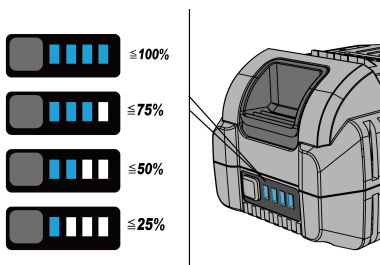


Switching off

- Release the On/Off switch.

Battery state of charge

- Press the button on the battery to check the state of charge at the state of charge indicator LEDs.



The indicator goes out after 3 seconds.

If one of the LEDs flashes, the battery must be recharged. If none of the LEDs light up after the button is pressed, the battery is faulty and must be replaced.

Cleaning the cutter bar (after each use)

- Remove the battery.
- Clean the cutter bar after each use. Remove contamination, remains of blades etc.
- Spray the cutter bar with maintenance oil to ensure that the hedge trimmer has a long service life. Preferably use environmentally friendly lubricants, e.g. service sprays.



CAUTION!

Do not oil the hedge trimmer while it is running.

Work instructions

- Check that all parts are firmly attached and obviously undamaged.
- Look over the working area and remove any obstructions.
- Remove all foreign objects from the hedge, such as wire or other parts, as these may block or damage the cutting mechanism.
- Cut out thick branches beforehand using pruning shears.
- Pick up the power tool in both hands as specified.
- Always cut at full engine speed.
- Start cutting only with the cutting mechanism running.
- Never touch wire fences or the ground with the running cutting mechanism.
- If cutting hedges over a prolonged period, interrupt your work more frequently and oil the cutter bar.
- Switch the engine off and remove the battery:
 - to remove blockages (jammed clippings) from the cutting bar;
 - if the unit behaviour changes or it vibrates unusually;
 - if you have come into contact with foreign objects or the ground;
 - when taking breaks and leaving the unit unattended.



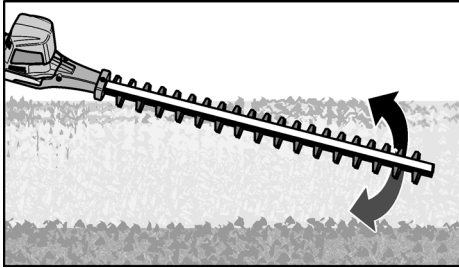
NOTE

If the power tool is damaged or vibrates unusually, it must be repaired by a service centre before it is used again.

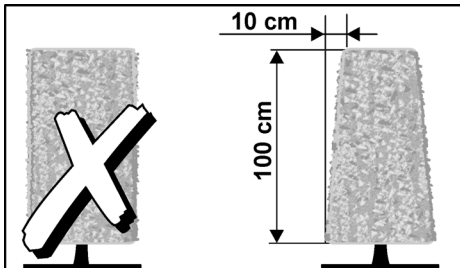
- After use, stop the motor and wait until all rotating parts have come to a standstill.
- Place the protection hood on the cutter bar.

Cutting techniques

- The hedge trimmer can be guided with its double-sided cutters forwards and backwards or in an oscillating movement from one side to the other.



- Cut the sides of the hedge first and then the top.
- Cut the hedge from bottom to top.
- Hold the hedge trimmer at an angle of 5–10° to the hedge to ensure a straight cut.
- Cut the hedge in a trapezoidal shape. This prevents the lower part of the hedge from losing its foliage due to lack of light.



- Cut the upper edges of the hedge slightly round.
- Cut in several stages if heavy trimming is required.
- Peg out a string line if you want to cut the hedge evenly.
- Trim the young hedge plants to the required shape. The main shoot should not be damaged until the hedge has reached the required height. All other shoots can be cut back to half their height.

- Dispose of the clippings properly and in an environmentally friendly manner.
- Cutting times:
 - Deciduous hedges – June and October
 - Evergreen hedges – April and August
 - Fast growing hedges (e.g. conifers) – from May approx. every 6 weeks

i NOTE

Beware of nesting birds in the hedge. Do not cut the hedge until birds have fledged or do not cut this part of the hedge.

Maintenance and care

⚠ WARNING!

Before performing any work on the garden tool, remove the battery. Sharp cutting tools! Wear protective gloves.

⚠ In the interest of your own safety!

Perform only the maintenance work described here yourself. All other work, in particular motor maintenance and repairs, must be performed by a trained specialist. Improper work may damage the power tool and also result in injuries. Have power tool inspected once a year at a service centre.

Cleaning

⚠ WARNING!

Do not use water or liquid detergents.

⚠ CAUTION!

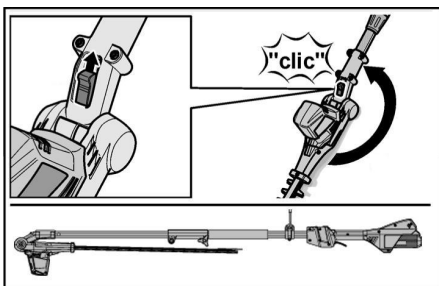
Clean the unit after every use. Failure to clean the unit can damage the materials and cause malfunctions.

- After each use, clean the hedge trimmer using a dry cloth or a brush if the unit is very dirty.
- Never spray the hedge trimmer with water.
- Keep the ventilation slits clean and dust-free.
- Clean the cutter bar after each use. Remove contamination, remains of blades etc.

- Spray the cutter bar with maintenance oil to ensure that the hedge trimmer has a long service life. Preferably use environmentally friendly lubricants, e.g. service sprays.
- Place the hedge trimmer on its side and apply a thin film of oil to the cutter bar.

Storage

- Store the unit in a dry and frost-free place (10-25 °C).
- Store the battery and the unit separately.
- Charge the battery before storing the unit in winter.
- Place the protection hood on the cutter bar.
- For space-saving storage push the hedge trimmer together and fold it together.



- Keep the unit, in particular its plastic components, away from brake fluids, petrol, petroleum products, penetrating oil, etc. They contain chemical substances which may damage, attack or destroy the plastic components of the unit.

- Fertilisers and other garden chemicals contain substances which may have a highly corrosive effect on the metal parts of the unit. Therefore do not store your unit near these substances.

Repairs

Check the unit for damage. Repairs may be carried out by an authorised customer service centre only.

Disposal information

WARNING!

Render redundant garden tools unusable:

- *mains operated tool* by removing the power cord,
- *battery operated tool* by removing the battery.



EU countries only:

Do not throw electric power tools into the household waste! In accordance with the European Directive 2012/19/EU on Waste Electrical and Electronic Equipment and transposition into national law used electric power tools must be collected separately and recycled in an environmentally friendly manner.



Recycling raw materials instead of waste disposal.

Device, accessories and packaging should be recycled in an environmentally friendly manner. Plastic parts are identified for recycling according to material type.

WARNING!

Do not throw accumulators/batteries into the household waste, fire or water.

Do not open disused batteries.

Accumulators/batteries should be collected, recycled or disposed of in an environmentally friendly manner.

EU countries only:

In accordance with Directive 2006/66/EC defective or used batteries must be recycled.



NOTE

Please ask your dealer about disposal options!

Guarantee

This product has been manufactured to the highest quality standards. When a new product is purchased, it is guaranteed a 24-month manufacturer's warranty which comes into force on the date the product was purchased. The guarantee covers only defects which can be attributed to a material and/or production fault as well as non-performance of warranted characteristics. When making a claim under the guarantee, enclose the original sales receipt with purchase date. Repairs under the guarantee may be carried out only by workshops or service centres authorised by the manufacturer. A claim may be made under the guarantee only if the power tool has been used as intended. This warranty is invalid where defects are caused by or result from:

- misuse, abuse or neglect;
- commercial use (industry, craft, rental)
- repairs attempted by unauthorized repair centers
- damage caused by external effects, foreign objects, substances or accidents.

CE-declaration of conformity

We hereby declare, that the following product in it's design and construction put by us into circulation is in accordance with the appropriate basic safety and health requirements of the following directives (see item 4). This declaration relates exclusively to the machinery in the state in which it was placed on the market, and excludes components which are added and/or operations carried out subsequently by the final user.

1. Description:

Battery operated telescopically hedge trimmer for cutting hedges and bushes

2. Type:

EB918D

3. Serial number:

4. Applicable EC Directives:

2006/42/EC, 2014/30/EU, 2011/65/EU

5. Used harmonized standards:

EN 60745-1; EN ISO 10517; EN 55014-1; EN 55014-2; EN ISO 3744; EN ISO 11904

6. Additional used EC directives:

2014/30/EU; 2000/14/EC

7. Responsible for technical documents:


Lenny LU (General Manager)
Ningbo NGP Industry Co., Ltd
No. 88 Lane 666, Jinshan Road,
C Zone Jiangbei Investment Center,
315020 Ningbo
People's Republic of China

8. Conformity assessment method to 2000/14/EG, Annex V:

Measured sound pressure level 94.0 dB(A)
Guaranteed sound power level 96.0 dB(A)
Uncertainty K..... 3 dB

Notified Body for EC Directive 2000/14/EC:0036
TÜV Süd Industrie Service GmbH

Westendstraße 199
80686 München
Deutschland



Lenny Lu (General Manager)
18.03.2018

Ningbo NGP industry CO, LTD
NO 88 Lane 666, Jinshan Road, C Zone
Jiangbei Investment Center Ningbo,
China 315020