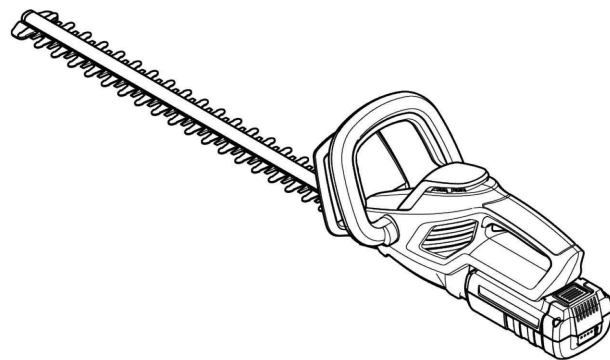




OWNER'S MANUAL BATTERY HEDGE TRIMMER

HT 4055



Contents

1	About these operating instructions.....	2	7	Maintenance and care.....	14
1.1	Legends and signal words.....	2	8	Help in case of malfunction.....	15
2	Product description.....	3	9	Transport.....	16
2.1	Intended use.....	3	10	Storage.....	16
2.2	Possible foreseeable misuse.....	3	10.1	Storing the appliance (04).....	16
2.3	Safety and protective devices.....	3	10.2	Storing the battery and charger.....	17
2.3.1	Overload protection.....	3	11	Disposal.....	17
2.3.2	Hand guard.....	3	12	After-Sales / Service.....	18
2.3.3	Two-hand operation.....	3	13	Warranty.....	18
2.4	Symbols on the appliance.....	3	14	Declaration of conformity.....	20
2.5	Scope of supply.....	4			
2.6	Product overview (01).....	4			
3	Safety instructions.....	4			
3.1	General safety instructions for power tools.....	4			
3.1.1	Safety in the workplace.....	4			
3.1.2	Electrical safety.....	5			
3.1.3	Personal safety.....	5			
3.1.4	Use and handling of the electrical tool.....	5			
3.1.5	Use and handling of the re-chargeable battery-operated tool.....	6			
3.1.6	Service.....	6			
3.2	Hedge trimmer safety warnings.....	6			
3.3	Vibration load.....	7			
3.4	Noise pollution.....	7			
3.5	Safety information regarding the re-chargeable battery.....	7			
3.6	Safety information regarding the charging unit.....	8			
3.7	Safety instructions relating to operation.....	9			
4	Start-up.....	13			
4.1	Charging the rechargeable battery.....	13			
5	Operation.....	13			
5.1	Inserting and removing the rechargeable battery (02) (06).....	13			
5.2	Starting the hedge trimmer (03).....	13			
6	Working behaviour and working technique (05).....	14			

1 ABOUT THESE OPERATING INSTRUCTIONS

- It is essential to read through these operating instructions carefully before start-up. This is essential for safe working and trouble-free handling.
- Always safeguard these operating instructions so that they can be consulted if you need any information about the appliance.
- Only pass on the appliance to other persons together with these operating instructions.
- Comply with the safety and warning information in these operating instructions.

1.1 Legends and signal words



DANGER!

Denotes an imminently dangerous situation which will result in fatal or serious injury if not avoided.



WARNING!

Denotes a potentially dangerous situation which can result in fatal or serious injury if not avoided.



CAUTION!

Denotes a potentially dangerous situation which can result in minor or moderate injury if not avoided.

IMPORTANT!

Denotes a situation which can result in material damage if not avoided.



NOTE

Special instructions for ease of understanding and handling.

2 PRODUCT DESCRIPTION

These operating instructions describe a hand-guided cordless hedge trimmer.

2.1 Intended use

This hedge trimmer is exclusively intended for trimming hedges, shrubs and bushes.

This appliance is intended solely for use in non-commercial applications. Any other use (as well as unauthorised conversions or add-ons) are regarded as contrary to the intended use and will result in exclusion of the warranty as well as loss of conformity (CE mark). The manufacturer will thus decline any responsibility for damage and/or injury suffered by the user or third parties.

2.2 Possible foreseeable misuse

- The safety devices are not allowed to be removed or altered, e.g. by attaching the On/Off Switch to the grip bars.
- Do not use the appliance in an explosion risk area.
- Do not use the appliance in rainy weather.
- Do not use the appliance for trimming wet hedges and bushes.

The tool is designed neither for commercial use in public parks and sports facilities, nor for use in farming and forestry.

2.3 Safety and protective devices



WARNING!

Risk of injury

Defective and disabled safety and protective devices can lead to serious injury.

- Have any defective safety and protective devices repaired.
- Never disable safety and protective devices.

2.3.1 Overload protection



CAUTION!

Beware of property damage

If the clippings are too thick or there is a hard object, the blade blocks and the motor switches off automatically.

- Remove the battery from the machine before carrying out any work.
- Remove the blockage on the blade.
- Wait approximately 5 seconds.
- Turn the machine on again.

2.3.2 Hand guard



CAUTION!

Risk of injury on the cutting blade

There is a risk of injury on the cutting blade if the hand guard is not fitted.

- Never operate the appliance without the hand guard.

2.3.3 Two-hand operation

The hedge trimmer can only be operated with two hands at the same time.

2.4 Symbols on the appliance

Sym- bol	Meaning
	Pay special attention when handling this product.
	Read the operating instructions before starting operation.
	Wear eye protection.
	Wear ear protection.
	Wear a face mask.
	Protect the appliance from rain and moisture!

2.5 Scope of supply



NOTE

The rechargeable battery and the charging unit may not be included.

The hedge trimmer must only be used with the following components:

- Lithium ion rechargeable battery – B150 Li, item no. 11328045
- Charging unit – C130 Li, item no. 11328145

IMPORTANT!

Danger of damage to the appliance and battery

If the appliance is operated with an unsuitable battery, both the device and the battery may be damaged.

- Only operate the appliance with the specified rechargeable battery.

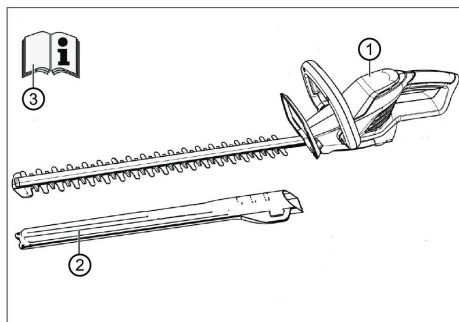


NOTE

You will find further information in the following operating instructions:

- "Li-Ion rechargeable battery B150 Li" (doc. no. 491013)
- "Charging unit C130 Li" (doc. no. 491024)

After unpacking check that all the parts have been delivered.



No.	Component
1	HT 4055 hedge trimmer
2	Protective cover for the cutting blade
3	Operating instructions

2.6 Product overview (01 - Page 2)

The product overview provides an overview of the appliance.

No.	Component
1	Cutting blade
2	Hand guard
3	Front grip bar with safety switch
4	Rear handle with the on/off switch
5	Battery with locking mechanism*
6	Charger with mains plug*
7	Protective cover for the cutting blade
8	Instructions for use

* Not included in some models.

3 SAFETY INSTRUCTIONS

3.1 General safety instructions for power tools



WARNING!

Read all safety instructions, instructions, illustrations and technical data that are provided with this power tool.

Failure to comply with the following instructions can lead to an electric shock, fire and/or serious injuries.

- Save all warnings and instructions for future reference.

The term "power tool" used in the safety instructions refers to mains-operated power tools (with mains line) and to battery-operated power tools (without mains line).

3.1.1 Safety in the workplace

- **Keep your working area clean, and make sure it is well illuminated.** Untidiness or dimly lit working areas can lead to accidents.
- **Do not work with the power tool in a potentially explosive atmosphere with the presence of flammable liquids, gases or dust.** Power tools give rise to sparks that can ignite the dust or vapours.
- **Keep children and other people away from the power tool when using it.** If you are distracted, you may lose control of the power tool.

3.1.2 Electrical safety

- **The connection plug of the power tool must fit into the socket. The plug is not allowed to be changed in any way. Do not use any plug adapters together with earthed power tools.** Unmodified plugs and matching sockets reduce the risk of electric shock.
- **Avoid physical contact with earthed surfaces such as on pipes, heaters, cookers and refrigerators.** There is an increased risk of electric shock if your body is earthed.
- **Keep electrical tools out of the rain and away from moisture.** Water getting into an electrical tool increases the risk of an electric shock.
- **Do not use the connection cable for incorrect purposes such as carrying the electrical tool, hanging it up or for pulling the plug out of the socket. Keep the connection cable away from heat, oil, sharp edges and moving parts.** Damaged or tangled connection cables increase the risk of electric shock.
- **If you are working outside with a power tool, only use extension cables that are also suitable for outside.** Using an extension cable that is suitable for outside decreases the risk of electric shock.
- **If the operation of the power tool in a humid environment cannot be avoided, use a fault current circuit breaker.** Using a fault current circuit breaker decreases the risk of electric shock.

3.1.3 Personal safety

- **Be alert, pay attention to what you are doing and take a cautious approach to working with a power tool. Do not use a power tool if you are tired or under the influence of drugs, alcohol or medicines.** A moment's inattentiveness when using the power tool can result in serious injury.
- **Wear personal protective equipment, and always use safety goggles.** The injury risk can be reduced by wearing personal protective equipment such as a dust mask, non-slip shoes, a protective helmet or hearing protection, depending on the type and application of the power tool.
- **Avoid starting to operate the appliance inadvertently. Ensure the switch is in the off-position before connecting to power**

source and/or battery pack, picking up or carrying the power tool. Accidents can be caused by leaving your finger on the switch when you carry the power tool or when you connect it to the power supply.

- **Remove the adjusting tools or spanner before you switch on the power tool.** A tool or spanner that is in a rotating part of the power tool can cause injury.
- **Avoid an abnormal body posture. Make sure you can stand safely and keep your balance at all times.** This will enable you to control the power tool better if something unexpected happens.
- **Wear suitable clothing. Do not wear baggy clothing or jewellery. Keep your hair and clothing away from moving parts.** Loose clothing, jewellery or long hair can be snagged on moving parts.
- **If dust extraction and catchment devices can be mounted, then these must be connected and correctly used.** Using a dust extraction system can reduce the risk caused by dust.
- **Do not give yourself a false sense of safety; do not ignore the safety rules for power tools even if you are familiar with the power tool after using it many times.** One careless action can lead to serious injuries within seconds.

3.1.4 Use and handling of the electrical tool

- **Do not overload the power tool. Use the appropriate power tool for the job you are doing.** Using the appropriate power tool will enable you to work more effectively and safely in the specified performance range.
- **Do not use a power tool if it has a defective switch.** A power tool that can no longer be switched on or off is dangerous and must be repaired.
- **Disconnect the plug from the socket and/or remove the battery before you make adjustments to the tool, replace parts or put the power tool away.** This precautionary measure will prevent the power tool from starting inadvertently.
- **Keep unused power tools out of the reach of children. Do not allow people to use the power tool if they are not familiar with it or have not read these instructions.** Power tools are dangerous if they are used by inexperienced people.

- **Look after power tools and the insertion tool with care.** Check whether moving parts function perfectly and do not stick, whether there are any broken parts or parts that are damaged in such a way that the function of the power tool is impaired. Have damaged parts repaired before using the power tool. Many accidents are caused by failure to maintain power tools properly.
 - **Keep cutting tools sharp and clean.** Carefully maintained cutting tools with sharper cutting edges are less likely to stick and are easier to control.
 - **Use power tools, accessories, insertion tools, etc. according to these instructions.** When doing so, take account of the working conditions and the activity to be undertaken. Using power tools for applications other than the intended purpose can result in dangerous situations.
 - **Keep the grips, grip surfaces and grip holes dry, clean and free from oil and grease.** Slippery grips and grip surfaces prevent safe operation and control of the power tool in unforeseen situations.
- 3.1.5 Use and handling of the rechargeable battery-operated tool**
- **Only recharge batteries with chargers that are recommended by the manufacturer.** Using a charger intended for one particular type of rechargeable battery with a different type of rechargeable battery represents a fire risk.
 - **Only use batteries in the power tools that are intended for this purpose.** Using other batteries can lead to injuries and represents the risk of fire.
 - **Keep the unused rechargeable battery away from paper clips, coins, keys, nails, screws or other small metal objects that could short-circuit the contacts.** A short circuit between the rechargeable battery contacts can result in burns or fire.
 - **Incorrect use can result in fluid leaking out of the rechargeable battery. Avoid coming into contact with it. In case of inadvertent contact, rinse off with water. If the fluid gets into your eyes, additionally seek medical assistance.** Leaking rechargeable battery fluid can lead to skin irritations or burns.
 - **Do not use a damaged or changed rechargeable battery.** Damaged or changed batteries can behave unpredictably and lead to fire, explosion or a risk of injury.
 - **Do not expose a rechargeable battery to fire or high temperatures.** Fire or temperatures over 130 °C can cause an explosion.
 - **Comply with all of the instructions for charging, and never charge the rechargeable battery or the rechargeable battery-operated tool outside of the temperature range specified in the operating instructions.** Incorrect charging or charging outside of the permissible temperature range can destroy the rechargeable battery and increase the risk of fire.
- 3.1.6 Service**
- **For your own safety, only have your power tool repaired by qualified specialist personnel using genuine spare parts.** This ensures that the power tool remains safe.
 - **Never maintain damaged batteries.** All rechargeable battery maintenance should only ever be undertaken by the manufacturer or authorised customer service points.
- 3.2 Hedge trimmer safety warnings**
- **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.

3.3 Vibration load



WARNING!

Danger due to vibration

The actual magnitude of the vibration emissions during the use of the appliance may deviate from that stated by the manufacturer. Observe the following influencing factors before or during use:

- Is the appliance being used as intended?
- Is the material being cut or processed in the proper manner?
- Is the appliance in a proper condition of use?
- Is the cutting tool properly sharpened or is the correct cutting tool installed?
- Are the handle grips and any optional vibration grips mounted, and are they firmly attached to the appliance?

- Only operate the tool at the motor speed required for the respective work. Avoid using the maximum speed in order to reduce noise and vibrations.
- The noise and vibrations of the tool may increase due to improper use and maintenance. This leads to health damage. In this case, immediately switch off the tool and have it repaired by an authorised service workshop.
- The degree of stress due to vibration depends on the work to be performed or on the use of the tool. Estimate the stress and plan appropriate work breaks. This considerably reduces stress due to vibration over the entire working time.
- Extensive use of the tool exposes the operator to vibrations, which can lead to circulatory issues ("white fingers"). To avoid this risk, wear gloves and keep your hands warm. If any symptoms of "white fingers" occur, immediately consult a physician. These symptoms include: Numbness, loss of feeling, tingling, itching, pain, reduced muscular strength, changes in the colour or condition of the skin. Normally these conditions affect the fingers, hands or pulse. The risk increases at low temperatures.
- Take long breaks during your working day so you can recover from the noise and the vibra-

tions. Plan your work in such a way that the use of appliances that generate strong vibrations is spread over several days.

- If you notice an unpleasant sensation or discolouration of the skin on your hands when using the tool, stop work immediately. Take sufficient work breaks. Without sufficient breaks, a hand/arm vibration syndrome can occur.
- Minimise your risk of being exposed to vibrations. Maintain the tool according to the instructions in the operating instructions.
- If the tool is used frequently, contact your dealer to purchase anti-vibration accessories (e.g. handles).
- Avoid working with the tool at temperatures below 10 °C. Define how the vibration load can be limited in a work plan.

3.4 Noise pollution

A certain level of noise exposure from this appliance is inevitable. Carry out noisy work at approved and specified time periods. Observe rest periods as necessary and restrict the duration of the work to a minimum. For your personal protection and protection of persons in the vicinity, appropriate hearing protection must be worn.

3.5 Safety information regarding the rechargeable battery

This section mentions all the basic safety and warning information to be heeded when using the rechargeable battery. Read these instructions.

- Only use the rechargeable battery as designated, i.e. for Masport rechargeable battery-driven appliances. Only charge the rechargeable battery with the Masport charging unit provided.
- Only unpack the new rechargeable battery from the original packaging when it is to be used.
- Fully charge the rechargeable battery before using it for the first time and always use the specified charger. Comply with the details given in these instructions for use for charging the rechargeable battery.
- Do not use the rechargeable battery in environments where there is a potential risk of explosion and/or fire.
- Do not expose the rechargeable battery to moisture and humidity when in use with the appliance.

- Protect the rechargeable battery from heat, oil and fire to prevent it being damaged so no vapours and electrolyte liquids can escape.
- Do not subject the rechargeable battery to impacts or throw it.
- Do not use the rechargeable battery when soiled or wet. Before use, clean and dry the rechargeable battery with a dry, clean cloth.
- When battery pack is not in use, keep it away from other metal objects, like paperclips, coins, keys, nails, screws or other small metal objects that can make a connection from one terminal to another. Burns or fire can result from a short-circuit.
- Do not open, dismantle or crush the rechargeable battery. There is a danger of electric shock and short-circuit.
- An improperly used and damaged rechargeable battery can cause vapours and electrolyte liquid to escape. Vent the room adequately and in the case of any disorders, consult a doctor.
If accidental contact with electrolyte liquid occurs, flush with water and thoroughly rinse the eyes immediately. Then consult a doctor.
- This rechargeable battery must not be used by unauthorised persons unless they are supervised by a person responsible for their safety or have been instructed on how to use the rechargeable battery. Unauthorised persons include, for example:
 - Persons (including children) with limited physical, sensory or mental aptitude.
 - Persons who have no experience and/or knowledge of the rechargeable battery.
- Children must be supervised and instructed so they do not play with the rechargeable battery.
- Do not leave the rechargeable battery permanently in the charger. For prolonged storage, remove the rechargeable battery from the charger.
- When not in use, remove the rechargeable batteries from the operated appliances.
- Dry the unused rechargeable battery and store in a closed place. Protect from heat and direct sunlight. Unauthorised persons and children must not have access to the rechargeable battery.

3.6 Safety information regarding the charging unit

This section mentions all the basic safety and warning information to be heeded when using the charger. Read these instructions.

- Only use the appliance as designated, i.e. for charging the intended rechargeable batteries. Only charge original rechargeable batteries from Masport in the charging unit.
- Before each use, inspect the entire appliance – and especially the mains cable and the rechargeable battery compartment – for damage. Only use the appliance when it is in proper working order.
- Do not use the appliance in environments where there is a potential risk of explosion and/or fire.
- Only operate the appliance indoors and do not expose it to moisture and humidity.
- Always place the charging unit on a well ventilated and non-flammable surface because it heats up during the charging process. Keep the ventilation slots clear and do not cover the appliance.
- Before connecting the charging unit, make sure that the mains voltage matches the voltage stated in the "Technical data".
- Only use the mains cable for connecting the charging unit, not for any other purpose. Do not carry the charging unit by the mains cable and do not remove the power plug from the power outlet by pulling on the mains cable.
- Protect the mains cable from heat, oil and sharp edges to prevent it being damaged.
- Do not use the charging unit and rechargeable battery when soiled or wet. Before using the appliance, clean and dry the rechargeable battery.
- Do not open the charging unit or rechargeable battery. There is a danger of electric shock and short-circuit.
- For your own safety, have your appliance repaired by qualified specialist personnel only using original spare parts.
- This appliance must not be used by unauthorised persons unless they are supervised by a person responsible for their safety or have been instructed on how to use the appliance. Unauthorised persons include, for example:
 - Persons (including children) with limited physical, sensory or mental aptitude

- Persons who have no experience and/or knowledge of the appliance.
- Children must be supervised and instructed so they do not play with the appliance.
- Dry the unused appliance and store in a closed place. Unauthorised persons and children must not have access to the appliance.

3.7 Safety instructions relating to operation

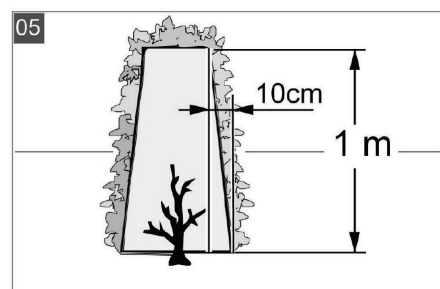
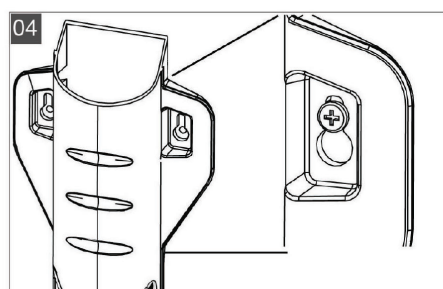
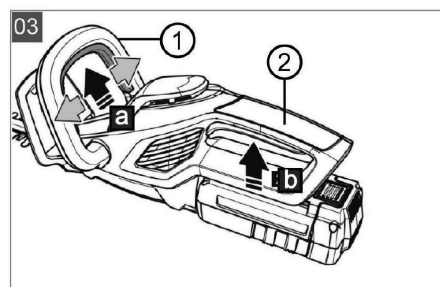
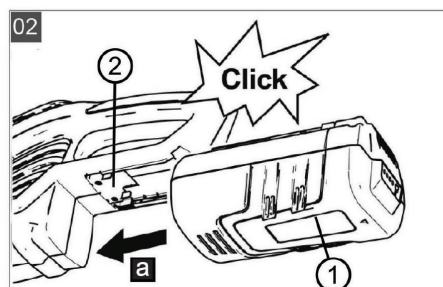
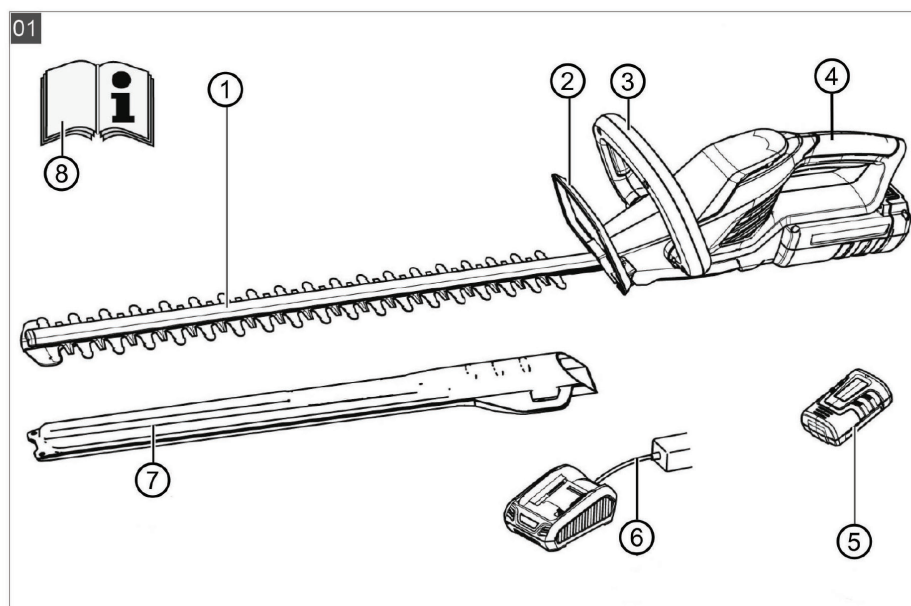


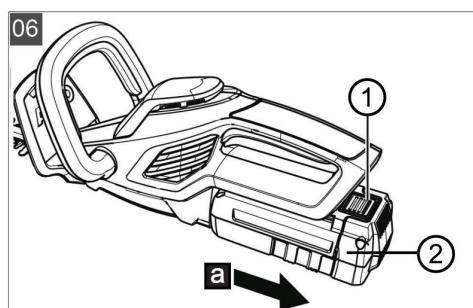
WARNING!

Risk due to electromagnetic field

This power tool produces an electromagnetic field during operation. Under certain circumstances, this field may impair active or passive medical implants.

- In order to reduce the risk of serious or fatal injury, we recommend that any persons fitted with medical implants should consult their doctor and the manufacturer of the medical implant before operating the power tool.
- Before cutting, check the hedges and bushes for concealed objects – e.g. wires, wire fences, electrical cables, garden equipment, bottles – and remove them.
 - Move and transport the appliance so that persons and animals cannot touch the cutting blade. Before transport, push the protective cover over the cutting blade.
 - During the work, do not hold the branches to be cut off.
 - Before removing jammed branches, switch off the appliance and wait until the cutting blade has come to a standstill.
 - Remove the rechargeable battery from the appliance and push the protective cover over the cutting blade for:
 - Testing, adjustment work and cleaning work
 - Working on the cutting blade
 - Leaving the appliance
 - Transport
 - Storage
 - Maintenance and repair work
 - Danger





	HT 4055 Art.-Nr. 11360945/134211
	550 mm
	20 mm
	2,6 kg / 4,0 kg with battery
	42 V max.*
	
	IPXO
	1400 min ⁻¹
	DIN EN ISO 3744 LpA = 64,2 dB(A), K = ± 3 dB(A) LwA = 84,2 dB(A), K = ± 3 dB(A)
	EN 28662-1 1,7 m/s ² K = ± 1,5 m/s ²

	 Art.-Nr. 11328045
	42 V max.*
	4,0 Ah
	90 min
	max. 90-120 min.

Disclaimer: * Maximum initial battery voltage (measured off load) is 42 V.
Nominal voltage as per industry rule (3.65V/cell) is 36 Volts.

	 Art.-Nr. 11328145
	100 V – 240 V AC 50/60 Hz; 140 W
	42 V DC
	3.000 mA
	5 – 40 °C

4 START-UP

4.1 Charging the rechargeable battery



CAUTION!

Danger of fire during charging!

Due to heating of the charger, there is a danger of fire if it is placed on a flammable surface and is not adequately ventilated.

- Always use the charger on a non-flammable surface or in a non-combustible environment.
- Keep the ventilation slots free.



NOTE

The rechargeable battery and the charging unit may not be included.

The rechargeable battery is partially charged. Fully charge the rechargeable battery before using it for the first time. The rechargeable battery can be charged in any charge status. Interrupting charging does not damage the rechargeable battery.



NOTE

For detailed information, heed the separate operating instructions for the rechargeable battery and for the charging unit.

5 OPERATION



WARNING!

Risk of injury due to detaching appliance parts

Appliance parts detaching during operation can lead to serious injury.

- Before turning the appliance on, check that all the parts of the appliance are firmly tightened.
- Attach cutting tools so that they cannot detach during operation.

5.1 Inserting and removing the rechargeable battery (02 - Page 10) (06 - Page 11)

Inserting the battery

1. Push the rechargeable battery (02/1) from above (02/a) into the rechargeable battery slot (02/2) until it engages.

Pull out the rechargeable battery

1. Press and hold the unlock button (06/1) on the rechargeable battery (06/2).
2. Pull out the rechargeable battery (06/a).

5.2 Starting the hedge trimmer (03 - Page 10)

1. Stand securely.
2. Hold the front handle (03/1) with one hand and then the rear handle (03/2) with the other hand.

3. Press the safety switch on the front handle (03/a), then press the on/ off switch on the rear handle (03/b). The appliance starts.
4. Keep both switch buttons pressed while working. The appliance switches off when the on/off switch is released.

6 WORKING BEHAVIOUR AND WORKING TECHNIQUE (05 - Page 10)



WARNING!

Increased risk of falling

There is a greater risk of falling if work is carried out from an elevated position (e.g. ladder).

- always work with the appliance from the ground and make sure that you are standing securely.
- Heed the safety instructions.

- Cut the hedge regularly and only at the permitted times.
- Only cut off the thin branches and new growth on the surface of the hedge and do not cut too deep.
- Always cut the two sides of a hedge first, followed by the top. This prevents cut material from falling into areas that you have not yet trimmed.
- Hedges should always be trimmed into a trapezoidal shape (tapering toward the top). This prevents the leaves on the lower branches from being shaded out (05).
- Make sure the motor is stopped before you remove any cuttings.
- When leaving/transporting the appliance:
 - Switch off the appliance.
 - Fit the protective cover.
 - Remove the battery.
- After use, remove the battery and check the appliance for damage.

7 MAINTENANCE AND CARE



WARNING!

Danger of cutting injuries

Danger of cutting injuries when reaching into sharp-edged, moving appliance parts and into cutting tools.

- Before maintenance, care and cleaning work, always switch off the appliance. Remove the rechargeable battery.
- Always wear protective gloves during maintenance, care and cleaning work.



NOTE

Repair work is only allowed to be carried out by expert workshops or our Masport service centres.

- **Do not get the appliance wet or expose it to moisture.**
- After each use, clean the housing and cutting blades with a brush or cloth. **Do not use water and/or aggressive cleaning agents or solvents** - risk of corrosion and damage to the plastic parts.
- Remove the battery and check for damage after each use.
- Clean the cutting blade and spray with rust-proofing oil.
- Regularly check the cutting blade. Contact a Masport service centre under the following circumstances:
 - Defective cutting blade
 - Blunt cutting blade
 - Excessive wear
- Check all screws for tightness.
- Check the electrical contacts on the appliance for corrosion, clean with a fine wire brush if necessary and then spray with a contact spray.

8 HELP IN CASE OF MALFUNCTION



CAUTION!

Risk of injury

Sharp-edged and moving appliance parts can lead to injury.

- Always wear protective gloves during maintenance, care and cleaning work.



NOTE

If you encounter any malfunctions that are not listed in this table or that you cannot rectify yourself, please contact your local service dealer.

Malfunction	Cause	Solution
Engine does not run.	Rechargeable battery is flat.	Charge the rechargeable battery.
	Rechargeable battery missing or rechargeable battery not seated correctly.	Insert the rechargeable battery correctly.
	Power supply is interrupted.	1. Remove the battery. 2. Clean the plug contacts on the appliance.
	Motor protection switch has switched off the motor because of overload.	Wait until the motor protection switch releases the motor.
Motor keeps cutting out.	■ Appliance faults ■ The On/Off switch is defective.	Contact a Masport service centre.
Cutting blade becomes hot when running. Generation of smoke.	No oil on the cutting blade.	1. Switch off the appliance and remove the rechargeable battery. 2. Clean and oil the cutting blade. 3. Insert the rechargeable battery again.
	■ Cutting blade is blunt. ■ Nicks in the cutting blade.	Contact a Masport service centre.
Branches are not cleanly cut. Branches are often jammed in the cutting blade.	Cutting blade is blunt.	Contact a Masport service centre.
	The sliding play of the cutting blade is too great.	Contact a Masport service centre.
Motor running, but the cutting blade does not move.	Appliance faults	Contact a Masport service centre.
Appliance vibrates unusually.	Appliance faults	Contact a Masport service centre.
Rechargeable battery operating time is significantly shorter.	The service life of the rechargeable battery has expired.	Replace the rechargeable battery. Only use genuine accessories from the manufacturer.

Malfunction	Cause	Solution
Rechargeable battery cannot be charged.	Rechargeable battery contacts are dirty.	Contact a Masport service centre.
	Rechargeable battery or charging unit is defective.	Order spare parts. Contact a Masport service centre.
	Rechargeable battery is too hot.	Allow the battery to cool down.

9 TRANSPORT



NOTE

The nominal energy of the rechargeable battery is more than 100 Wh. Therefore, observe the following transport instructions.

The li-ion rechargeable battery contained in the appliance is subject to the hazardous goods law, but can be transported under simplified conditions:

- The rechargeable battery can be transported on public roads by the private user without further conditions provided it is packaged for retail sale and the transport serves personal purposes.
- Commercial users who carry out the transport in connection with their main activity (e.g. delivery from and to building sites, or demonstrations) can also take advantage of this simplification.

In both cases, it is essential to take the mandatory precautions mentioned above to prevent any leakage of the contents. In other cases, it is essential to comply with the regulations of the hazardous goods law. In the case of non-compliance, severe penalties can be imposed on the sender and possibly the transporter.

Additional notes on transport and shipment

- Only transport or send the li-ion rechargeable battery in an undamaged condition.
- For transporting the rechargeable battery, only use the original cardboard box or a suitable hazardous goods cardboard box.
- Tape off exposed rechargeable battery contacts to avoid a short circuit.
- Secure the rechargeable battery against shifting in the packaging to avoid damage to the rechargeable battery.
- Ensure the correct marking and documentation of the shipment for transport or shipping (e.g. by parcel service or freight forwarding).
- Check in advance that transport with the selected service provider is possible and indicate the shipment.

We recommend involving a hazardous goods specialist in preparation of the shipment. Also follow any further national regulations.

10 STORAGE

10.1 Storing the appliance (04 - Page 10)

The blade guard can be attached to the wall as a holder for the hedge trimmer (04). Ensure that the fixing screws are tight!

- Thoroughly clean the appliance and its accessories after each use and – if present – attach all covers.
- Store the appliance in a dry place protected against frost.
- Keep out of the reach of children and unauthorised persons.

Carry out the following jobs before intervals in work lasting for longer than 30 days:

- Clean the cutting blade and spray with rust-proofing oil.

- Thoroughly clean the appliance and store it in a dry place.

10.2 Storing the battery and charger



DANGER!

Danger of explosion and fire!

Persons will be fatally or severely injured if the rechargeable battery explodes because it was stored in front of naked flames or heat sources.

- Store the rechargeable battery in cool and dry conditions, but not in front of naked flames or heat sources.



NOTE

When charging, the rechargeable battery is protected from overcharging due to automatic detection of the charge status and thus can remain connected to the charging unit for some time, but not permanently.

- Store the rechargeable battery in a dry, frost-free place at a storage temperature between 0°C – +35 °C and with a charge state of approx. 40 – 60 %.
- Due to a risk of short-circuit, do not store the battery near metallic or acid-containing objects.
- The battery must be recharged after a certain storage period. Please also comply with the rechargeable battery operating instructions.

11 DISPOSAL



- Electrical and electronic appliances do not belong in household waste, but should be collected and disposed of separately.

- Used batteries or rechargeable batteries that are not installed permanently in the old appliance must be removed before disposal. Their disposal is regulated by the battery law.
- Owners or users of electrical and electronic appliances are obliged by law to return them after use.
- The end user bears personal responsibility for deleting his personal data from the old appliance to be disposed of.

The symbol of the crossed-through rubbish bin means that electrical and electronic appliances may not be disposed of in the household rubbish. Electrical and electronic appliances can be handed in at the following places at no charge:

- Public service disposal or collection points (e.g. municipal building yards)
- Points of sale of electrical appliances (stationary and online) provided traders are obliged to take them back or offer this voluntarily.

These statements apply to appliances that are installed and sold in the countries of the European Union and are subject to European Directive 2012/19/EU. Different provisions may apply to the disposal of electrical and electronic appliances in countries outside the European Union.



- Used batteries and rechargeable batteries do not belong in household waste, but should be collected and disposed of separately.

- For safe removal of batteries or rechargeable batteries from the electrical appliance and for information on their type or chemical system, follow the further information within the operating or installation instructions.
- Owners or users of batteries and rechargeable batteries are obliged by law to return them after use. Return is limited to the handover of customary household quantities.

Used batteries can contain harmful substances or heavy metals that can cause damage to the environment and human health. Reuse of the used batteries and use of the resources contained therein contributes to the protection of these two essential commodities.

The symbol of the crossed-through rubbish bin means that batteries and rechargeable batteries may not be disposed of in household rubbish.

In addition, if the symbol Hg, Cd or Pb appears under the rubbish bin, this stands for the following:

- Hg: Battery contains more than 0.0005 % mercury
- Cd: Battery contains more than 0.002 % cadmium
- Pb: Battery contains more than 0.004 % lead

Rechargeable batteries and batteries can be handed in at the following places at no charge:

- Public service disposal or collection points (e.g. municipal building yards)

- Points of sale of batteries and rechargeable batteries
- Disposal points of the common take-back system for the used batteries of appliances
- Disposal point of the manufacturer (if not a member of the common take-back system)

These statements apply to rechargeable batteries and batteries that are sold in the countries of the European Union and that are subject to European Directive 2006/66/EU. Different provisions can apply to the disposal of rechargeable batteries and batteries in countries outside the European Union.

12 AFTER-SALES / SERVICE

In the event of questions of warranty, repair or spare parts, please contact your nearest Masport Service Centre. These can be found on the Internet at:
www.masport.com

13 WARRANTY

13.1 Warranty provider

13.1.1 The Warranty set out below is provided by Masport Limited, a New Zealand company located at 1-37 Mt Wellington Highway, Panmure, Auckland 1060, New Zealand and Masport Australia Pty Ltd, located at 1/40 Abbots Road, Dandenong South, Melbourne, Victoria, Australia. For any questions regarding this Warranty or to make a warranty claim call 0800 627 767 (New Zealand) or 1300 366 225 (Australia), or contact your local Masport Specialist retailer.

13.2 General warranty coverage

13.2.1 The New Zealand Consumer Guarantees Act 1993 ("New Zealand Consumer Act") and the Australian Competition and Consumer Act 2010 (including the Australian Consumer Law 2011) ("Australian Consumer Law"), as well as other laws in each of those jurisdictions, guarantee or imply certain conditions, warranties and undertakings, and give you other legal rights, in relation to the quality and fitness for purpose of our products sold in New Zealand and Australia respectively.

13.2.2 For products sold in New Zealand, these conditions, warranties and undertakings cannot be modified or excluded by any contract, except in those circumstances contemplated by section 43(2) of the New Zealand Consumer Act.

13.2.3 For products sold in Australia, our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or a refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. What constitutes a major failure is set out in the Australian Consumer Law.

13.3 Warranty

13.3.1 Masport warrants to you that each Product will be free from material defects in workmanship or materials from the date the Product is originally purchased until the end of the warranty period set out in the table below;

Garden Products	Warranty Period
Energy Flex Products	4 years
Li-ion Batteries and Charger	3 years

13.3.2 Energy flex product range is not intended for commercial use. Any commercial use as well as unauthorised conversions or add-ons will void this warranty agreement.

13.3.3 Masport will repair or replace (at Masport's sole option) any Product that does not comply with the Warranty. The repair or replacement by Masport may be performed by a Masport agent or Specialist Retailer. You will not be charged for any labour costs involved in the repair or replacement but must bear the cost of transporting or delivering the Product to and from the location of the Masport agent or Specialist Retailer where the warranty claim is made.

13.3.4 Masport warrants that repair facilities and spare parts will be made available for each Product only from the date the Product is originally purchased until the end of the applicable warranty period as stated in clause 13.3.1 above, but for no longer period.

the Product was purchased. To the extent permitted by applicable law, Masport's liability under any Consumer Protection Warranty will be limited (at Masport's sole option) to Masport repairing or replacing the relevant Product or paying for such repair or replacement.

13.4 Exclusions from Warranty

13.4.1 No warranty is given under clause 13.3 where any defect, malfunction or failure is caused or contributed to by any of the following:

- (a) failure to follow all instructions in this manual.
- (b) modification, repairs or alteration of the Product carried out by persons other than authorised Masport service agents;
- (c) acts or omissions by anyone other than Masport after the Product has left Masport's control;
- (d) wear parts that are marked with a frame  on the spare parts list.
- (e) paint damage that can be attributed to normal wear and tear.
- (f) accidental damage, neglect, misuse of the product;
- (g) any event outside of Masport's reasonable control, including without limitation, adverse weather conditions;
- (h) sharpening or setting of blades; or
- (i) pre-delivery assembly of the Product by anyone except for Masport, Masport authorised service agents or any other person authorised by Masport.
- (j) batteries left in a state of discharge or not regularly maintained as per instructions.

13.5 Warranty in addition to consumer protection laws

13.5.1 Despite anything else in this warranty, nothing in this warranty will exclude, limit or modify any Consumer Protection Warranty or any liability of Masport imposed by applicable law if to do so would be unlawful or make any part of this warranty void or voidable.

13.5.2 The Warranty is in addition to any Consumer Protection Warranty that may apply, for example, under the New Zealand Consumer Act or the Australian Consumer Law, or under the laws of the place where

13.6 No other warranties or liability

13.6.1 Subject to Clause 13.5, Masport excludes all express or implied warranties, guarantees, conditions or terms in relation to the Product. All statements, technical information and recommendations about the Product are believed to be reliable, but do not constitute a guarantee or warranty. No statements, representations or recommendations other than those contained in the official technical information published by Masport, will bind Masport, unless made in writing signed by an authorised representative of Masport.

13.6.2 Subject to Clause 13.5, in no event will Masport be liable (whether in contract, tort, negligence or in any other way) for:

- (a) loss of profits or savings, loss of goodwill or opportunity, loss of production or wasted time; or
- (b) loss, damage, cost or expense of any kind whatsoever which is indirect, consequential, or of a special nature, arising directly or indirectly from the Product, even if Masport had been advised of the possibility of such damages.

13.6.3 Subject to Clause 13.5, in no event will Masport's total liability under any claim of whatever nature arising directly or indirectly from the Product exceed the price you paid for the Product.

13.6.4 This warranty embodies the entire agreement between you and Masport in relation to the subject matter of this warranty and supersedes all prior understandings, communications and representations between you and Masport, whether oral or written. No amendment to this warranty will be effective unless in writing and signed by an authorised representative of

Masport. You may not assign or transfer the Warranty without the prior written consent of Masport. This warranty will be governed by the law of New Zealand and Australia, and will be subject to the non-exclusive jurisdiction of the New Zealand and Australian courts.

14 DECLARATION OF CONFORMITY

We hereby declare that this product in its marketed form conforms to the requirements of the harmonised EU Directives, EU safety standards and the product-specific standards.

13.7 How to obtain service for a faulty Product

- 13.7.1 You must return the Product to the place of purchase or any Masport Specialist retailer, along with reasonable evidence of the date the Product was purchased, for example, an original receipt.
- 13.7.2 Masport or its agent will assess the claim and if accepted, will repair or replace the Product in accordance with the normal practices of the relevant Masport service agent.
- 13.7.3 All claims under the Warranty must be made within the relevant warranty period.

13.8 Definitions

In this warranty:

- 13.8.1 **“Consumer Protection Warranty”** means any warranty, guarantee, term, condition, right or remedy implied or imposed by applicable law;
- 13.8.2 **“Warranty”** means the warranty in Clause 13.3.1;
- 13.8.3 **“Masport”** means Masport Limited, a New Zealand company located at 1-37 Mt Wellington Highway, Panmure 1060, Auckland, New Zealand and Masport Australia Pty Ltd, located at 1/40 Abbots Road, Dandenong South, Melbourne, Victoria 3175, Australia;
- 13.8.4 **“Product”** means the Masport garden product accompanying this warranty;
- 13.8.5 **“You”** means the original purchaser of the Product.

Thank you for purchasing your Masport product. We know that you'll enjoy it!
To register your product warranty, simply visit our website: www.masport.com

Failure to register your product warranty will not affect your rights under any Consumer Protection Warranty, however registration may help Masport deal with any warranty claim more efficiently.

Product	Manufacturer	Duly authorised person for technical file
Battery hedge trimmer	AL-KO Geräte GmbH Ichenhauser Str. 14 D-89359 Kötzing Germany	Andreas Hedrich Ichenhauser Str. 14 D-89359 Kötzing Germany
Serial number		
G2033012		
Type	EU directives	Harmonised standards
HT 4055	2006/42/EC	EN 62841-1
Sound power level	2014/30/EU	EN 60745-2-15
DIN EN ISO 3744	2000/14/EC	EN 55014-1
measured/guaranteed	2011/65/EU	EN 55014-2
84 dB(A) / 87 dB(A)		EN 62233
	Declaration of conformity	
	2000/14/EC Appendix V	Wolfgang Hergeth Managing Director



© 2018
Masport Limited New Zealand
1–37 Mt. Wellington Highway, Panmure, Auckland 1060
PO Box 14-349, Panmure, Auckland 1741
P: 0800 MASPORT
F: 0508 570 570
E: sales@masport.co.nz
www.masport.com

Masport Australia Pty Limited
1/40 Abbots Rd, Dandenong, South Australia, Victoria 3175
PO Box 533, Braeside, Victoria 3195, Australia
P: 1300 366 225
F: 1800 035 594
E: sales@masport.com.au
www.masport.com.au