

SHA 56

STIHL



2 - 21	Gebrauchsanleitung
21 - 40	Instruction Manual
40 - 60	Manual de instrucciones
60 - 79	Skötselansvisning
79 - 97	Käyttöohje
97 - 116	Betjeningsvejledning
116 - 134	Bruksanvisning
134 - 152	Návod k použití
152 - 172	Használati utasítás
172 - 192	Instruções de serviço
192 - 214	Инструкция по эксплуатации
214 - 234	Instrukcja użytkowania
234 - 256	Ръководство за употреба
256 - 276	Instrucțiuni de utilizare



- STIHL Produkte einschließlich Verpackung gemäß den örtlichen Vorschriften einer geeigneten Sammelstelle für Wiederverwertung zuführen.
- Nicht mit dem Hausmüll entsorgen.

22 EU-Konformität

Die EU-Konformitätserklärung ist unter stihl.link/compliance verfügbar.

Ein Formular zur Meldung von Security-Schwachstellen und weitere Informationen sind unter vdp.stihl.com verfügbar.

23 Anschriften

STIHL Hauptverwaltung

ANDREAS STIHL AG & Co. KG
Postfach 1771
D-71307 Waiblingen

STIHL Vertriebsgesellschaften

DEUTSCHLAND

STIHL Vertriebszentrale AG & Co. KG
Robert-Bosch-Straße 13
64807 Dieburg
Telefon: +49 6071 3055358

ÖSTERREICH

STIHL Ges.m.b.H.
Fachmarktstraße 7
2334 Vösendorf
Telefon: +43 1 86596370

SCHWEIZ

STIHL Vertriebs AG
Isenrietstraße 4
8617 Mönchaltorf
Telefon: +41 44 9493030

Contents

1	Guide to Using this Manual.....	21
2	Overview.....	22
3	Safety Precautions.....	23
4	Preparing the Vacuum Shredder for Operation.....	30
5	Charging the Battery, LEDs.....	30
6	Assembling the Vacuum Shredder.....	31
7	Removing and Fitting the Battery.....	32
8	Switching the Vacuum Shredder On/Off...	32
9	Checking the Vacuum Shredder and Battery.....	33
10	Working with the Vacuum Shredder.....	34
11	Changing the Vacuum Shredder for Use as a Blower.....	34

12	Changing the Blower for Use as a Vacuum Shredder.....	35
13	After Finishing Work.....	35
14	Transporting.....	35
15	Storing.....	35
16	Cleaning.....	36
17	Maintenance and Repairs.....	36
18	Troubleshooting.....	37
19	Specifications.....	38
20	Spare Parts and Accessories.....	39
21	Disposal.....	39
22	EU conformity.....	39
23	Addresses.....	39

IMPORTANT! READ AND UNDERSTAND BEFORE USING AND KEEP IN A SAFE PLACE FOR REFERENCE.

1 Guide to Using this Manual

1.1 Applicable documents

The local safety regulations apply.

- In addition to this User Manual, you should also read, understand and retain the following documents:
 - Safety notes and precautions for the STIHL AK battery
 - User Manual and packaging of the accessory used
 - Safety information for STIHL batteries and products with built-in battery: www.stihl.com/safety-data-sheets

1.2 Symbols used with warnings in the text



WARNING

- This symbol indicates dangers that can cause serious injuries or death.
 - The measures indicated can avoid serious injuries or death.

NOTICE

- This symbol indicates dangers that can cause damage to property.
 - The measures indicated can avoid damage to property.

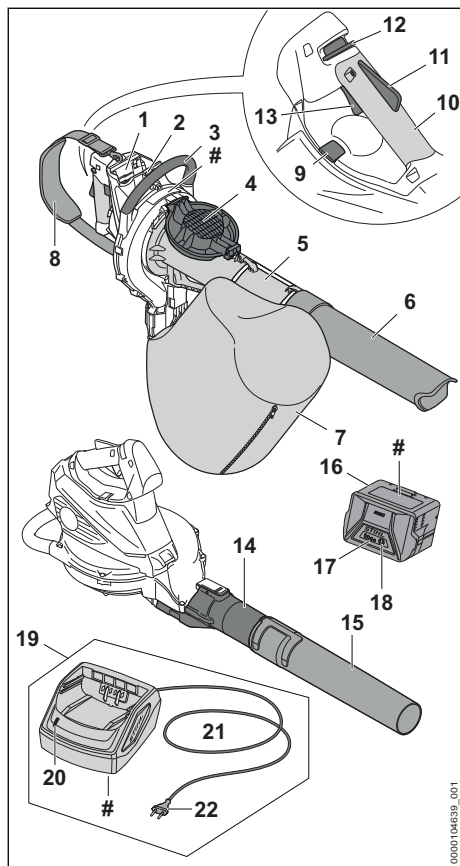
1.3 Symbols in Text



This symbol refers to a chapter in this instruction manual.

2 Overview

2.1 Vacuum shredder, battery and charger



1 Battery compartment

The battery compartment holds the battery.

2 Locking lever

The locking lever holds the battery in the battery compartment.

3 Loop handle

For holding and controlling the vacuum shredder.

4 Shield

The shield protects the user from moving parts inside the vacuum shredder.

5 Suction tube

The suction tube guides the sweepings into the vacuum shredder.

6 Nozzle

The nozzle guides the suctioned material to the suction tube.

7 Catcher bag

The catcher bag collects the suctioned material.

8 Shoulder strap

Serves to carry the vacuum shredder.

9 Retaining latch

The retaining latch retains the control handle in its position.

10 Control handle

The control handle is used to operate, control and carry the vacuum shredder.

11 Ergo lever

The Ergo lever holds the release slide in position when the trigger is released.

12 Release slide

The release slide releases the trigger.

13 Trigger

The trigger switches the vacuum shredder on and off.

14 Blower tube

The blower tube directs the air stream.

15 Nozzle

The nozzle directs and concentrates the air stream.

16 Battery

The battery supplies power to the blower.

17 LEDs

The LEDs indicate the state of charge of the battery and any errors.

18 Button

The pushbutton activates the LEDs on the battery.

19 Charger

The charger charges the battery.

20 LED

The LED indicates the status of the charger.

21 Connecting cable

The connecting cable connects the charger to the mains plug.

22 Mains plug

The mains plug connects the connecting cable to a wall socket.

Rating plate with machine number

2.2 Symbols

Meaning of the symbols that may be on the vacuum shredder, battery and charger:

180° This symbol indicates that the control handle can be rotated 180°.



1 LED lights up red. The battery is too warm or too cold.



4 LEDs flash red. There is an error in the battery.



The LED lights up steady green, and the LEDs on the battery light up steady or flash green. The battery is charging.



The LED flashes red. There is no electrical contact between the battery and the charger, or there is a fault in the battery or charger.



Guaranteed sound power level in accordance with Directive 2000/14/EC in dB(A) for the purpose of comparing the sound emissions of products.



The information next to the symbol indicates the energy content of the battery according to the cell manufacturer's specification. The energy content available in operation is lower.



Operate the electric product in a dry place, indoors only.



Do not dispose of the product with your household waste.



Remove the battery during work interruptions, transport, storage, maintenance or repair.



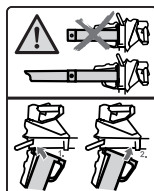
Protect the vacuum shredder and charger from rain and dampness.



Maintain a safe distance.



Do not touch moving parts in the blower wheel. If the suction tube is not mounted: Close the shield.



Use the vacuum shredder only with the suction tube attached and the nozzle attached.



Protect the battery against heat and fire.



Protect the battery against rain and moisture and do not immerse it in liquids.

3 Safety Precautions

3.1 Warning symbols

The warning symbols on the vacuum shredder, battery or charger have the following meaning:



Follow the safety notes and take the necessary precautions.



Read and understand the User Manual and keep it in a safe place for reference.



Wear safety glasses.



Observe the safety advice concerning flying objects and associated measures.



Tie back long hair and confine it so that it cannot be pulled into the vacuum shredder.

3.2 Intended Use

The STIHL SHA 56 vacuum shredder is intended for sucking up leaves, cut grass and similar sweepings and for blowing off leaves, grass, paper and similar material.

The vacuum shredder must not be used in the rain.

The STIHL AK battery supplies power to the vacuum shredder.

The STIHL AL 101 charger is used to charge the STIHL AK battery.

⚠ WARNING

- Batteries and chargers not approved by STIHL for the vacuum shredder may cause fires and explosions. Persons may be seriously or fatally injured, and property may be damaged.
 - Use the vacuum shredder with a STIHL AK battery.
 - Recharge the STIHL AK battery with a STIHL AL 101, AL 301 or AL 501 charger.

- Failure to use the vacuum shredder, battery or charger as intended may result in serious or fatal injury to people and damage to property.
 - ▶ Use the vacuum shredder, battery and charger as described in this User Manual.

3.3 Requirements for the user

⚠ WARNING

- Users without adequate training or instruction cannot recognize or assess the risks involved in using the vacuum shredder, battery and charger. The user or other persons may sustain serious or fatal injuries.



- ▶ Read and understand the User Manual and keep it in a safe place for reference.

- ▶ If the vacuum shredder, battery or charger is passed on to another person: Always give them the User Manual.
- ▶ Make sure that the user meets the following conditions:
 - The user is rested.
 - The user is physically, sensorially and mentally able to operate and work with the vacuum shredder, battery and charger. If the user is able to operate the equipment but has physical, sensory or mental limitations, the user may only work with the equipment under the supervision of or after receiving instruction from a responsible person.
 - The user can recognize and assess the hazards of the vacuum shredder, battery and charger.
 - The user is an adult or is being trained in an occupation under supervision according to national regulations.
 - The user has received instruction from a STIHL authorized dealer or other experienced user before working with the vacuum shredder or using the charger for the first time.
 - The user is not under the influence of alcohol, medication or drugs.
- ▶ If you are unsure: Contact a STIHL authorized dealer.

3.4 Clothing and equipment

⚠ WARNING

- Long hair can be pulled into the vacuum shredder during operation. This may result in serious injury to the user.



- ▶ Tie up and secure long hair above your shoulders.

- Objects can be thrown at high speed during operation. This may result in injury to the user.



- ▶ Wear close-fitting safety glasses. Suitable protective glasses tested in accordance with European standard EN 166, EN ISO 16321 or in accordance with national standards and bearing the corresponding label are available from retailers.

- ▶ Wear long pants.
- Dust may be whipped up during operation. Whipped up dust can damage the respiratory passages and cause allergic reactions.
 - ▶ If dust is generated: Wear a dust respirator mask.
- Unsuitable clothing can snag on wood, brush or the vacuum shredder. Users not wearing suitable clothing may be seriously injured.
 - ▶ Wear close-fitting clothing.
- The user can come into contact with the blower wheel during cleaning and maintenance work. This may result in injury to the user.
 - ▶ Wear work gloves made of robust material.
 - ▶ Remove scarves and jewelry.
- Wearing unsuitable footwear may cause the user to slip. This may result in injury to the user.
 - ▶ Wear sturdy, closed-toed footwear with non-slip soles.

3.5 Work Area and Surroundings

3.5.1 Vacuum Shredder

⚠ WARNING

- Bystanders, children and animals cannot recognize or assess the dangers of the vacuum shredder or flying debris. This may result in serious injury to bystanders, children and animals and damage to property.



- ▶ Do not allow bystanders, children or animals within 15 meters of the work area.

- ▶ Maintain a clearance of 15 meters from objects.
- ▶ Do not leave the vacuum shredder unattended.
- ▶ Make sure that children cannot play with the vacuum shredder.
- The vacuum shredder is not waterproof. If you work in the rain or in a damp environment, an electric shock may occur. This can result in

injuries to the user and may damage the vacuum shredder.



- ▶ Do not work in the rain or in a damp environment.

- Electrical components of the vacuum shredder can produce sparks. Sparks may cause fires and explosions in highly flammable or explosive environments. Persons may be seriously or fatally injured and property may be damaged.
 - ▶ Do not work in a highly flammable or explosive environment.

3.5.2 Battery

▲ WARNING

- Bystanders, children and animals cannot recognize or assess the dangers of the battery. Bystanders, children and animals may be seriously injured.
 - ▶ Keep bystanders, children and animals away from the work area.
 - ▶ Do not leave the battery unattended.
 - ▶ Make sure that children cannot play with the battery.
- The battery is not protected against all ambient conditions. If the battery is exposed to certain ambient conditions, the battery may catch fire, explode or be irreparably damaged. This may result in serious injury to people and damage to property.



- ▶ Protect battery from heat and fire.
- ▶ Do not throw the battery into a fire.

- ▶ Do not charge, use and store the battery outside of the specified temperature limits,  19.5.



- ▶ Protect the battery from rain and moisture and do not immerse it in liquids.

- ▶ Keep battery away from small metal parts.
- ▶ Do not expose the battery to high pressure.
- ▶ Do not expose the battery to microwaves.
- ▶ Protect the battery against chemicals, salts and fertilizers.

3.5.3 Charger

▲ WARNING

- Bystanders and children are not aware of and cannot assess the dangers of a charger or electric current. Bystanders, children and animals may be seriously or fatally injured.

- ▶ Keep bystanders, children and animals away from the work area.
- ▶ Make sure that children cannot play with the charger.

- The charger is not waterproof. If you work in the rain or in a damp environment, an electric shock may occur. The user may be injured and the charger may be damaged.



- ▶ Do not operate it in the rain or in a damp environment.

- The charger is not protected against all ambient conditions. If the charger is exposed to certain ambient conditions, it may catch fire or explode. This may result in serious injury to people and damage to property.
 - ▶ Operate the charger in an enclosed, dry room.
 - ▶ Do not operate the charger in a flammable environment or in an explosive environment.
 - ▶ Do not operate the charger on a readily combustible surface.
 - ▶ Do not use and store the charger outside of the specified temperature limits,  19.5.
- People may trip over the connecting cable. People may be injured and the charger may be damaged.
 - ▶ Lay the connecting cable flat on the floor.

3.6 Safe Condition

3.6.1 Vacuum Shredder

The vacuum shredder is in a safe condition if the following points are observed:

- The vacuum shredder is undamaged.
- The vacuum shredder is clean and dry.
- The controls function properly and have not been modified.
- The zip at the catcher bag can be completely closed and opened.
- The wear limits are not exceeded.
- Original STIHL accessories designed for this vacuum shredder model are fitted.
- The accessories are correctly attached.

▲ WARNING

- If not in safe condition, components may no longer operate correctly and safety devices may be disabled. This may result in serious or fatal injury to people.
 - ▶ Work only with an undamaged vacuum shredder.

- ▶ If the vacuum shredder is dirty or wet: Clean the vacuum shredder and allow it to dry.
- ▶ Never attempt to modify the vacuum shredder. Exception: Attaching a nozzle or catcher bag designed for this vacuum shredder model.
- ▶ If the controls do not function properly: Do not work with the vacuum shredder.
- ▶ If you cannot close or open the zip at the catcher bag: Do not work with the vacuum shredder.
- ▶ Observe and remain inside the wear limits.
- ▶ Fit original STIHL accessories designed for this vacuum shredder model.
- ▶ Attach accessories as described in this User Manual or in the User Manual for the accessories.
- ▶ Never insert objects in the openings of the vacuum shredder.
- ▶ Replace worn or damaged labels.
- ▶ If you have any doubts, be sure to consult a STIHL dealer.

3.6.2 Battery

The battery is in a safe condition if the following points are observed:

- Battery is undamaged.
- The battery is clean and dry.
- Battery functions properly and has not been modified.

⚠ WARNING

- A battery that is not in a safe condition cannot operate safely. Persons may be seriously injured.
 - ▶ Never work with a damaged battery.
 - ▶ Never attempt to charge a damaged or defective battery.
 - ▶ If the battery is dirty: Clean the battery.
 - ▶ If the battery is wet or damp: Allow the battery to dry, ☞ 19.6.
 - ▶ Never attempt to modify the battery.
 - ▶ Never insert objects in the battery's openings.
 - ▶ Never bridge the battery's contacts with metallic objects (short circuit).
 - ▶ Do not open the battery.
 - ▶ Replace worn or damaged labels.
- Fluid may leak from a damaged battery. If that liquid comes into contact with the skin or eyes, the skin or eyes may be irritated.
 - ▶ Avoid contact with the liquid.
 - ▶ If skin contact occurs: Wash affected areas of skin with plenty of water and soap.

- ▶ In the event of contact with eyes: Rinse eyes with plenty of water for at least 15 minutes and consult a doctor.
- A damaged or defective battery may smell unusual, emit smoke or burn. Persons may be seriously or fatally injured, and property may be damaged.
 - ▶ If the battery smells unusual or emits smoke: do not use the battery and keep it away from combustible substances.
 - ▶ If the battery catches fire: Attempt to extinguish the battery with a fire extinguisher or water.

3.6.3 Charger

The charger is in a safe condition if the following points are observed:

- Charger is undamaged.
- Charger is clean and dry.

⚠ WARNING

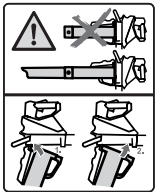
- If components do not comply with safety requirements, they will no longer function properly and safety devices may be rendered inoperative. This can result in serious or fatal injuries.
 - ▶ Do not use a damaged charger.
 - ▶ If the charger is dirty or wet: Clean the charger and allow it to dry.
 - ▶ Never attempt to modify the charger.
 - ▶ Never insert objects in the charger's openings.
 - ▶ Never bridge the charger's contacts with metallic objects (short circuit).
 - ▶ Do not open the charger.

3.7 Working

⚠ WARNING

- In certain situations, the user may no longer be able to concentrate on their work. This may result in the user stumbling, falling and suffering serious injury.
 - ▶ Keep calm and plan your work.
 - ▶ If light and visibility are poor: Do not work with the vacuum shredder.
 - ▶ Use the vacuum shredder on your own.
 - ▶ Do not work above shoulder height.
 - ▶ Watch out for obstacles.
 - ▶ Work standing on the ground and keep your balance. If you have to work at a height: Use a mobile elevating work platform or secure scaffolding.
 - ▶ If you start feeling fatigue: Take a break.
 - ▶ The zip at the catcher bag must be closed when working with the vacuum shredder.

- ▶ If the vacuum shredder is used as a blower: Blow in the direction of the wind.
- Objects can be thrown at high speed during operation. This can result in injuries to persons and animals and damage to property.
 - ▶ Do not direct air blast towards persons, pets and objects.
- If the behavior of the vacuum shredder changes during operation or feels unusual, it may no longer be in a safe condition. This may result in serious injury to people and damage to property.
 - ▶ Stop working, remove the battery and consult a STIHL dealer.
- Vibrations may occur while using the vacuum shredder.
 - ▶ Take breaks.
 - ▶ If signs of a circulatory disturbance occur: Consult a doctor.
- The dust whipped up may cause the vacuum shredder to be electrostatically charged. In certain conditions (e.g. dry environment) the vacuum shredder may discharge suddenly and emit sparks. Sparks may cause fires and explosions in highly flammable or explosive environments. Persons may be seriously or fatally injured and property may be damaged.
 - ▶ Do not work in a highly flammable or explosive environment.
- The moving parts in the blower wheel may injure the user. This may result in serious injury to the user.



- ▶ Use the vacuum shredder only with the suction tube attached and the nozzle attached.



- ▶ Do not touch moving parts in the blower wheel.
- ▶ If the suction tube is not mounted: Close the shield.
- ▶ If the moving parts in the blower wheel are jammed by an object: Switch the vacuum shredder off and remove the battery. before clearing the jam.
- In an emergency, the user may start to panic and forget to take off the carrying system. This may result in serious injury to the user.
 - ▶ Practice taking off the carrying system.

3.8 Charging

⚠ WARNING

- During charging, a damaged or defective charger may give off an unusual smell or smoke. Persons may be injured or property may be damaged.
 - ▶ Disconnect the mains plug from the power outlet.
 - ▶ Remove the battery.
- Insufficient heat dissipation may cause the charger to overheat and a fire to break out. Persons may be seriously or fatally injured, and property may be damaged.
 - ▶ Do not cover the charger.

3.9 Connecting to the power supply

Contact with live components may occur for the following reasons:

- The connecting cable or the extension cord is damaged.
- The mains plug of the connecting cable or extension cord is damaged.
- The socket is not properly installed.

⚠ DANGER

- Contact with live parts may result in electric shock. This may result in serious or fatal injury to the user.
 - ▶ Make sure that the connecting cable, extension cord and their mains plugs are undamaged.



If the connecting cable or the extension cord is damaged:

- ▶ Do not touch the damaged area.
- ▶ Disconnect the mains plug from the power supply.
- ▶ Make sure your hands are dry before touching the connecting cable, extension cord or mains plugs.
- ▶ Plug the mains plug of the connecting cable or extension cord into a properly installed, shockproof socket with the correct fuse rating.
- ▶ Install the charger with a ground fault circuit interrupter (30 mA, 30 ms).
- A damaged or unsuitable extension cable can result in electric shock. There is a risk of serious or fatal injury.
 - ▶ Use an extension cable with the correct cable cross-section, 19.4.

⚠ WARNING

- Overvoltage can occur in the charger if the line voltage or frequency are incorrect during charging. The charger may be damaged.

- ▶ Make sure that the mains voltage and the mains frequency of the power supply match the data on the rating plate of the charger.
- If the charger is connected to a power strip, electrical components may be overloaded during the charging process. The components may overheat and cause a fire. Persons may be seriously or fatally injured, and property may be damaged.
 - ▶ Ensure that the technical specifications for the power strip are not exceeded by the information on the rating plate of the charger and of all electrical devices connected to the power strip.
- An incorrectly routed connecting cable or extension cord may be damaged, and people may trip over it. People may be injured, and the connecting cable or extension cord may be damaged.
 - ▶ Route and mark the connecting cable and extension cord so that people will not trip over them.
 - ▶ Route the connecting cable and extension cord so that they are not under tension or tangled.
 - ▶ Route the connecting cable and extension cord so that they will not be damaged, kinked or crushed and will not be chafed.
 - ▶ Protect the connecting cable and extension cord from heat, oil and chemicals.
 - ▶ Lay the connecting cable and extension cord on a dry surface.
- The extension cable warms up in operation. If that heat cannot escape, it may cause a fire.
 - ▶ If using a cable reel: completely unroll the cable reel.
- If wiring and pipes are laid in the wall, they may be damaged if the charger is mounted on the wall. Contact with wiring can result in electric shock. This may result in serious injury to people and damage to property.
 - ▶ Make sure there is no wiring or pipes in the wall at the proposed mounting site.
- If the charger is not mounted on the wall as described in this User Manual, the charger or the battery may fall or the charger may overheat. This may result in injury to people and damage to property.
 - ▶ Mount the charger on a wall as described in this User Manual.
- If the charger is mounted on a wall with the battery inserted, the battery may fall out of the charger. This may result in injury to people and damage to property.
 - ▶ Mount the charger on the wall first before inserting the battery.

3.10 Transporting

3.10.1 Vacuum Shredder

⚠ WARNING

- The vacuum shredder may turn over or shift during transport. Persons may be injured or property damaged.



- ▶ Remove the battery.
- ▶ Secure the vacuum shredder with lashing straps, belts or a net to prevent it turning over and moving.
- ▶ If the suction tube is not mounted: Close the shield.

3.10.2 Battery

⚠ WARNING

- The battery is not protected against all ambient conditions. The battery may be damaged if it is exposed to certain ambient conditions, and damage to property may occur.
 - ▶ Never transport a damaged battery.
- The battery may turn over or shift during transport. This may result in injury to people and damage to property.
 - ▶ Pack the battery in packaging in such a way that it cannot move.
 - ▶ Secure the packaging so that it cannot move.

3.10.3 Charger

⚠ WARNING

- The charger may turn over or move while being transported. This may result in personal injuries and damage to property.
 - ▶ Disconnect the plug from the wall outlet.
 - ▶ Remove the battery.
 - ▶ Secure the charger with lashing straps, belts or a net to prevent it turning over and moving.
- The connecting cable must not be used for carrying the charger. The connecting cable and the charger may be damaged.
 - ▶ Wind up the connecting cable and attach it to the charger.

3.11 Storing

3.11.1 Vacuum Shredder

⚠ WARNING

- Children are not aware of and cannot assess the dangers of the vacuum shredder. Children may be seriously injured.



- ▶ Remove the battery.

- ▶ Store the vacuum shredder out of the reach of children.

- Dampness may corrode the electrical contacts on the vacuum shredder and metal components. The vacuum shredder may be damaged.



- ▶ Remove the battery.

- ▶ Store the vacuum shredder in a clean and dry condition.

3.11.2 Battery

⚠ WARNING

- Children are not aware of and cannot assess the dangers of the battery. Children may be seriously injured.

- ▶ Store the battery out of the reach of children.

- The battery is not protected against all ambient conditions. If the battery is exposed to certain ambient conditions, the battery may be irreparably damaged.

- ▶ Store the battery in a clean and dry condition.
- ▶ Store the battery in an enclosed space.
- ▶ Store the battery separately from the vacuum shredder.
- ▶ If the battery is stored in the charger, disconnect the mains plug and store the battery at a state of charge between 40% and 60% (2 lit green LEDs).
- ▶ Do not store the battery outside of the specified temperature limits,  19.5.

3.11.3 Charger

⚠ WARNING

- Children are not aware of and cannot assess the dangers of a charger. Children can be seriously injured or killed.
- ▶ Disconnect the plug from the wall outlet.
- ▶ Store the charger out of reach of children.

- The charger is not protected against all ambient conditions. If the charger is exposed to certain ambient conditions, the charger may be damaged.
 - ▶ Disconnect the plug from the wall outlet.
 - ▶ If the charger is hot: Allow the charger to cool down.
 - ▶ Store the charger in a clean, dry place.
 - ▶ Store the charger in an enclosed room.
 - ▶ Do not store the charger outside of the specified temperature limits,  19.5.
- The connecting cable should not be used for carrying the charger or hanging up the charger. The connecting cable and the charger may be damaged.
 - ▶ Hold the charger by the housing in a secure grip. The charger is provided with a handle recess to make it easy to pick up the charger.
 - ▶ Hang the charger on the wall mounting.

3.12 Cleaning, Maintenance and Repair

⚠ WARNING

- The vacuum shredder may start up unintentionally if the battery is left in place during cleaning, maintenance or repair operations. This may result in serious injury to people and damage to property.



- ▶ Remove the battery.

- Harsh detergents, cleaning with a water jet or sharp objects can damage the vacuum shredder and the battery. If the vacuum shredder or the battery are not cleaned as described in this user manual, components may no longer function properly or safety devices may be rendered inoperative. They may cause serious injury to persons.
 - ▶ Clean the vacuum shredder and battery as described in this user manual.
- If the vacuum shredder or battery are not serviced or repaired correctly, components may no longer function properly or safety devices may be rendered inoperative. This may result in serious or fatal injury to people.
 - ▶ Do not attempt to service or repair the vacuum shredder, blower or battery.
 - ▶ If the vacuum shredder or the battery require servicing or repairs: Contact your STIHL dealer for assistance.

4 Preparing the Vacuum Shredder for Operation

4.1 Preparing the vacuum shredder for operation

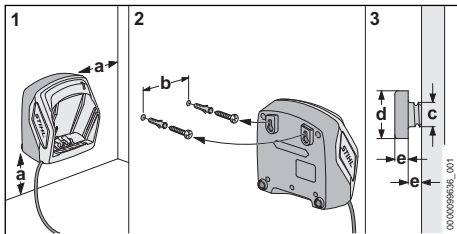
The following steps must be performed before commencing work:

- ▶ Ensure that the following components are in a safe condition:
 - Vacuum shredder, [19.6](#)
 - Battery, [3.6.2](#).
 - Charger, [3.6.3](#).
- ▶ Check the battery, [9.3](#).
- ▶ Fully charge the battery, [5.2](#).
- ▶ Clean the vacuum shredder, [16.1](#).
- ▶ Attach the nozzle, [6.1](#)
- ▶ Attach the suction tube, [6.2.1](#).
- ▶ Attach the catcher bag, [6.3.1](#).
- ▶ Check the vacuum shredder, [9.2](#).
- ▶ Check the controls, [9.1](#).
- ▶ If you cannot carry out these steps: Do not use the vacuum shredder and instead contact a STIHL authorized dealer for assistance.

5 Charging the Battery, LEDs

5.1 Mounting the charger on a wall

The charger can be mounted on a wall.



- ▶ Check the following points when mounting the charger on a wall:
 - Use suitable mounting materials.
 - The charger is level.
- The following dimensions are observed:
 - a = at least 100 mm
 - b (for AL 101) = 75 mm
 - b (for AL 301, AL 501) = 100 mm
 - c = 4.5 mm
 - d = 9 mm
 - e = 2.5 mm

5.2 Charging the battery

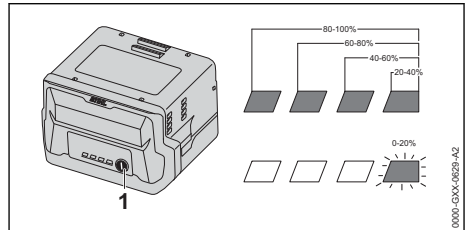
The charging time depends on various factors, e.g. the battery temperature or the ambient temperature. For optimal performance, note the rec-

4 Preparing the Vacuum Shredder for Operation

ommended temperature ranges, [19.6](#). The actual charging time may vary from the charging time indicated. The charging time is indicated at www.stihl.com/charging-times.

- ▶ Recharge the battery as described in the User Manual for STIHL AL 101, 301, 501 chargers.

5.3 Displaying the state of charge



- ▶ Depress the pushbutton (1).
The LEDs light up green for about 5 seconds and indicate the state of charge.
- ▶ If the LED on the right flashes green: Charge the battery.

5.4 LEDs on the battery

The LEDs can indicate the state of charge of the battery or any faults. The LEDs can be steady green, steady red or flashing.

If the LEDs are steady or flashing green, this indicates the state of charge of the battery.

- ▶ If the LEDs glow or flash red: Troubleshooting, [18.1](#).

There is a malfunction in the vacuum shredder or battery.

5.5 LED on Charger

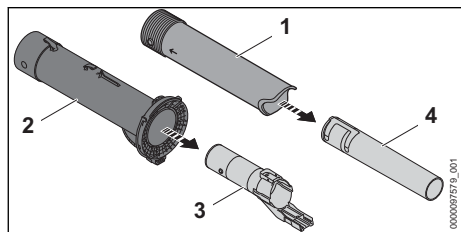
The LED indicates the operating status of the charger.

If the LED glows green, the battery is being charged.

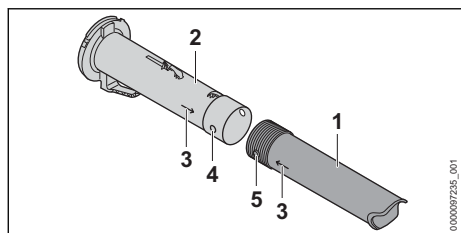
- ▶ If the LED flashes red: Rectify the malfunction.
Malfunction in charger.

6 Assembling the Vacuum Shredder

6.1 Attaching the Nozzle



- ▶ Pull the blower tube (3) out of the suction tube (2).
- ▶ Pull the nozzle (4) out of the nozzle (1).

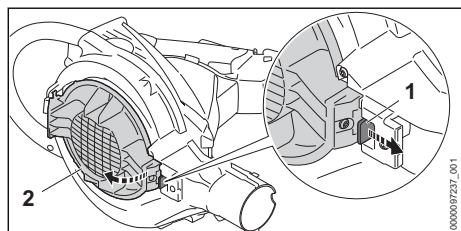


- ▶ Line up the hole (4) and the lug (5). The arrows (3) point to each other.
- ▶ Push the nozzle (1) onto the suction tube (2). The nozzle (1) engages audibly and no longer needs to be removed.

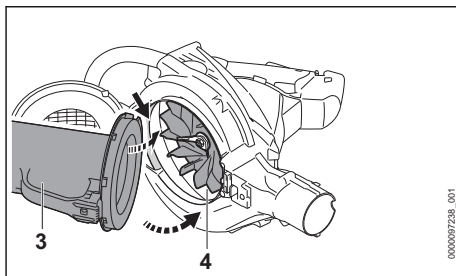
6.2 Attaching and Removing the Suction Tube

6.2.1 Attaching the Suction Tube

- ▶ Switch off the vacuum shredder and remove the battery.



- ▶ Pull the retaining latch (1).
- ▶ Fully open the shield (2).



- ▶ Insert the suction tube (3) into the blower housing (4).
- ▶ Swivel the suction tube into the blower housing. The suction tube (3) engages with an audible click.

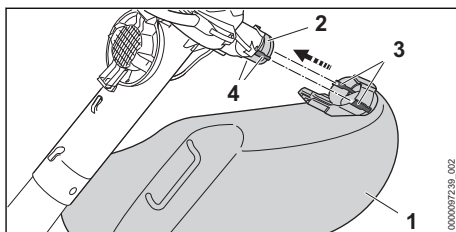
6.2.2 Removing the Suction Tube

- ▶ Switch off the vacuum shredder and remove the battery.
 - ▶ Hold the suction tube and pull the retaining latch.
 - ▶ Remove the suction tube from the blower housing.
 - ▶ Close the shield.
- The retaining latch engages with an audible click.

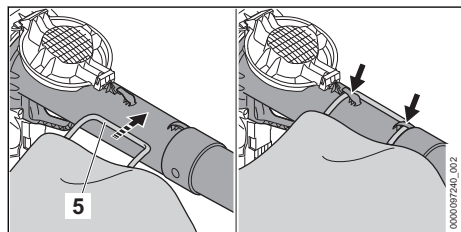
6.3 Attaching and Removing the Catcher Bag

6.3.1 Attaching the Catcher Bag

- ▶ Switch off the vacuum shredder and remove the battery.
- ▶ Close the zip on the catcher bag.



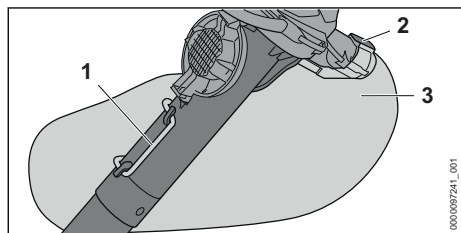
- ▶ Push the catcher bag (1) over the opening (2) that the guides on the sides (4) are in line with the recesses (3). The catcher bag engages in position with an audible click.



- ▶ Hook in the loop (5).

6.3.2 Removing the Catcher Bag

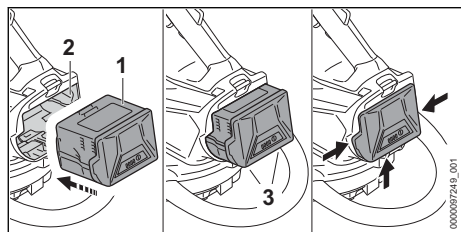
- ▶ Switch off the vacuum shredder and remove the battery.



- ▶ Unhook the loop (1).
- ▶ Depress the retaining latch (2) and hold it depressed.
- ▶ Pull off the catcher bag (3).

7 Removing and Fitting the Battery

7.1 Inserting the battery

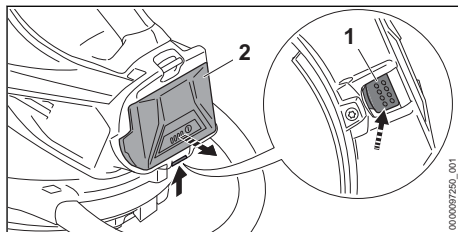


- ▶ Insert the battery (1) in the battery compartment (2) and press it home until you hear a click.
The arrows (3) on the battery (1) are still visible and the battery (1) is held securely in the battery compartment (2). There is no electrical contact between the vacuum shredder and the battery (1).
- ▶ Insert the battery (1) up to the limit stop into the battery compartment (2).

The battery (1) engages with a second click and is flush with the vacuum shredder housing.

7.2 Removing the Battery

- ▶ Keep one hand in front of the battery compartment so that the battery (2) cannot fall out.

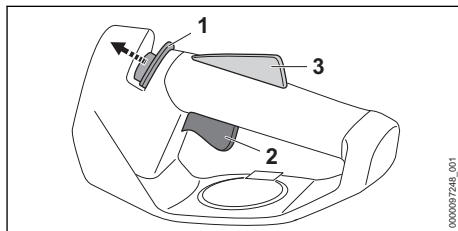


- ▶ Press the locking lever (1) with your other hand.
The battery (2) is released and can be removed.

8 Switching the Vacuum Shredder On/Off

8.1 Switching the Vacuum Shredder On

- ▶ Hold the vacuum shredder firmly with your right hand on the control handle – wrap your thumb around the control handle.
- ▶ Hold the vacuum shredder with your left hand on the loop handle - wrap your thumb around the loop handle.



- ▶ Push the release slide (1) in the direction of the loop handle (3) with your thumb and hold it there.
- ▶ Squeeze and hold the trigger (2) with your index finger.
The vacuum shredder accelerates, and the sweepings are sucked in. The release slide (1) can be released.

The more you depress the trigger (2), the more sweepings are sucked in.

If the ergo lever (3) is pressed, the trigger switch (2) remains unlocked. This means the trigger can be released and depressed again without having to push the release slide in the direction of the suction tube once more.

If the trigger switch (2) and the ergo lever (3) are released, the trigger switch (2) is locked. The release slide (1) must be slid in the direction of the loop handle once more and held to unlock the trigger (2).

8.2 Switching the Vacuum Shredder Off

- ▶ Release the trigger.
The vacuum shredder stops sucking in the sweepings.
- ▶ If the vacuum shredder continues to suck in sweepings: Remove the battery and consult a STIHL specialist dealer.
The vacuum shredder is defective.

9 Checking the Vacuum Shredder and Battery

9.1 Checking the controls

Release slide, Ergo lever and trigger

- ▶ Remove the battery.
- ▶ Try squeezing the trigger switch without activating the release slide.
- ▶ If the trigger can be pulled: Do not use the vacuum shredder and contact your STIHL authorized dealer for assistance.
The release slide is faulty.
- ▶ Push the release slide in the direction of the loop handle with your thumb and hold it there.
- ▶ Depress and hold the Ergo lever.
- ▶ Press the trigger.
The release slide can now be released.
- ▶ Release the trigger and the Ergo lever.
- ▶ If the release slide, trigger or Ergo lever is stiff or does not spring back to the initial position: Stop using the vacuum shredder and contact a STIHL authorized dealer.
The release slide, trigger or the Ergo lever is defective.

Switching on the vacuum shredder

- ▶ Insert the battery.
- ▶ Push the release slide in the direction of the loop handle and hold it there.
- ▶ Press and hold the trigger.
Debris is suctioned in.
- ▶ If 3 LEDs are flashing red: Remove the battery and consult a STIHL authorized dealer.

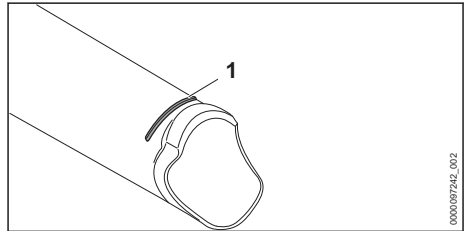
There is a fault in the vacuum shredder.

- ▶ Release the trigger.
Debris is no longer suctioned in.
- ▶ If the vacuum shredder continues to suck in sweepings: Remove the battery and consult a STIHL specialist dealer.
The vacuum shredder is defective.

9.2 Checking the Vacuum Shredder

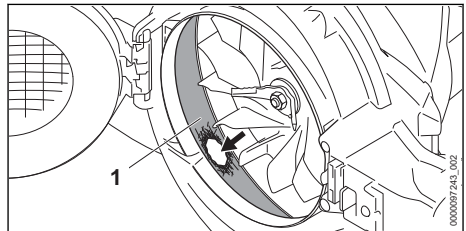
- ▶ Switch off the vacuum shredder and remove the battery.

Checking the suction tube



- ▶ Check whether the wear mark (1) on the suction tube is visible.
- ▶ If there is no visible wear mark on the suction tube: Do not use the vacuum shredder and contact your STIHL dealer for assistance.
- ▶ If you have any doubts, be sure to consult a STIHL dealer.

Checking the wear pad



- ▶ Remove the suction tube.
- ▶ Check whether the wear pad (1) is damaged.
- ▶ If the wear pad is damaged: Do not use the vacuum shredder and contact your STIHL dealer for assistance.
- ▶ If you have any doubts, be sure to consult a STIHL dealer.

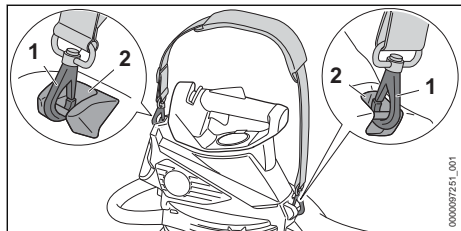
9.3 Testing the Battery

- ▶ Press button on battery.
The LEDs glow or flash.

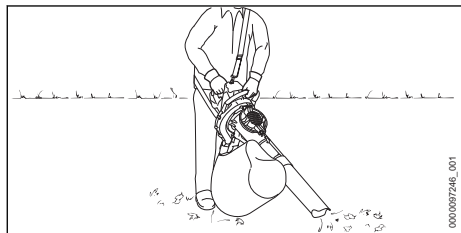
- ▶ If the LEDs do not glow or flash: Do not use the battery and contact your STIHL servicing dealer.
There is a malfunction in the battery.

10 Working with the Vacuum Shredder

10.1 Holding and Guiding the Vacuum Shredder



- ▶ Hook the carrier rings (2) into the carabiners (1)



- ▶ Hold and control your vacuum shredder with your left hand on the loop handle and your right hand on the control handle. Wrap the thumb of your left hand around the loop handle and the thumb of your right hand around the control handle.

10.2 Vacuum shredding

- ▶ Point the nozzle at the ground.
- ▶ Walk forward slowly and steadily.

For optimum performance, observe the recommended temperature ranges, 19.6.

10.3 Emptying the Catcher Bag

- ▶ Switch off the vacuum shredder and remove the battery.
- ▶ Detach the catcher bag from the vacuum shredder.
- ▶ Hold the catcher bag by the carrying ring in such a way that no debris can fall out of the opening.
- ▶ Fully unzip the catcher bag and properly dispose of the contents.

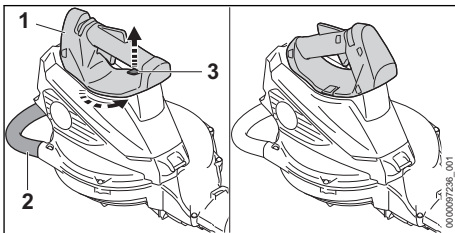
- ▶ Full close the zip.
- ▶ Attach the catcher bag to the vacuum shredder.

11 Changing the Vacuum Shredder for Use as a Blower

11.1 Removing the Suction Tube and Catcher Bag

- ▶ Switch off the vacuum shredder and remove the battery.
- ▶ Remove the suction tube.
- ▶ Remove the catcher bag.

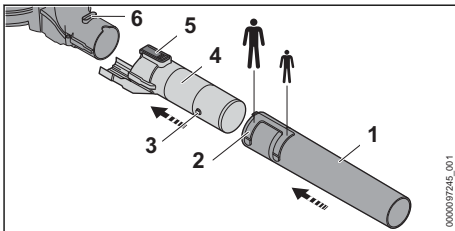
11.2 Turning the Control Handle



- ▶ Hold the vacuum shredder firmly with one hand on the control handle (1).
- ▶ Pull the retaining latch (3) up and hold it there.
- ▶ Turn the loop handle (2) 45 degrees counter-clockwise.
- ▶ Release the retaining latch (3).
- ▶ Continue to turn the loop handle (2) counter-clockwise until it engages.

11.3 Attaching and Removing the Blower Tube

11.3.1 Mounting the Blower Tube



- ▶ Align the peg (3) with the slot (2).
- ▶ Push the nozzle (1) onto the blower tube (4) up to the desired position.
- ▶ Turn the nozzle (1) until it engages. The nozzle (1) engages with an audible click.
- ▶ Align the retaining latch (5) with the slot (6).

- Push the blower tube (4) onto the blower. The retaining latch (5) engages with an audible click.

11.3.2 Removing the Blower Tube

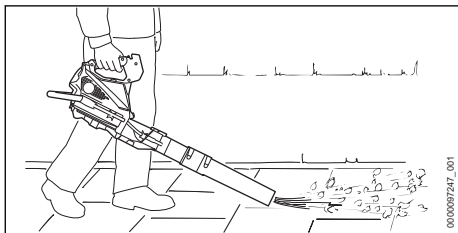
- Depress the retaining latch and hold it depressed.
- Remove the blower tube from the blower.

11.4 Holding and Guiding the Blower

- Hold and guide the blower with one hand on the control handle - wrap your thumb around the control handle.

11.5 Blowing

- Insert the battery and switch the blower on.



- Point the nozzle at the ground.
- Move forward slowly in a controlled manner.

12 Changing the Blower for Use as a Vacuum Shredder

12.1 Changing the Blower for Use as a Vacuum Shredder

- Switch off the blower and remove the battery.
- Remove the blower tube.
- Turn the control handle.
- Attach the suction tube.
- Attach the catcher bag.

13 After Finishing Work

13.1 After finishing work

- Switch off the vacuum shredder and remove the battery.
- Empty the catcher bag.
- If the vacuum shredder is wet: Leave the vacuum shredder to dry.
- If the catcher bag is wet: Allow the catcher bag to dry.
- If the battery is moist or wet: Allow the battery to dry, 19.6.
- Clean the vacuum shredder.
- Clean the catcher bag.

- Clean the battery.

14 Transporting

14.1 Transporting the Vacuum Shredder

- Switch off the vacuum shredder and remove the battery.
- If the suction tube is removed: Close the shield.

Carrying the vacuum shredder

- Carry the vacuum shredder with one hand by the loop handle with the suction tube behind you.
- If the vacuum shredder is changed for use as a blower: Carry the blower with one hand by the control handle.

Transporting the vacuum shredder in the car

- Secure the vacuum shredder so that it cannot turn over or move.

14.2 Transporting the battery

- Switch off the vacuum shredder and remove the battery.
- Make sure that the battery is in a safe condition.
- Pack the battery in packaging in such a way that it cannot move inside the packaging.
- Secure the packaging so that it cannot move.

The battery is subject to the Carriage of Dangerous Goods regulations. The battery is classified as UN 3480 (lithium ion batteries) and has been tested pursuant to UN Manual Tests and Criteria Part III, Subsection 38.3.

The transport regulations can be found at www.stihl.com/safety-data-sheets.

14.3 Transporting the Charger

- Disconnect the plug from the wall outlet.
- Remove the battery.
- Wind up the connecting cable and attach it to the charger.
- Transporting the charger in a vehicle: Secure the charger with lashing straps, belts or a net to prevent it turning over and moving.

15 Storing

15.1 Storing the vacuum shredder

- Switch off the vacuum shredder and remove the battery.

- ▶ The vacuum shredder should be stored in such a way that the following conditions are fulfilled:
 - The vacuum shredder cannot tip over or move.
 - The vacuum shredder is out of the reach of children.
 - The vacuum shredder is clean and dry.
 - The catcher bag is clean and dry.

15.2 Storing the Battery

STIHL recommends keeping the battery in a charging state between 40% and 60 % (2 green LEDs lit).

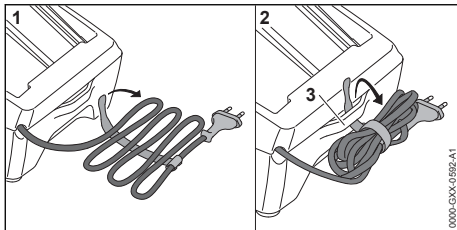
- ▶ The battery should be stored in such a way that the following conditions are fulfilled:
 - The battery is out of the reach of children.
 - The battery is clean and dry.
 - The battery is in an enclosed space.
 - The battery is separated from the vacuum shredder.
 - If the battery is stored in the charger, disconnect the mains plug and store the battery at a state of charge between 40% and 60% (2 lit green LEDs).
 - Do not store the battery outside of the specified temperature limits,  19.5.

NOTICE

- If the battery is not stored as described in this User Manual, the battery may become deeply discharged and irreparably damaged.
 - ▶ Charge a discharged battery before storing it. STIHL recommends keeping the battery state of charge between 40% and 60% (2 lit green LEDs).
 - ▶ Store the battery separately from the vacuum shredder.

15.3 Storing the Charger

- ▶ Disconnect the mains plug from the power supply.



- ▶ Wind up the connecting cable and attach it to the charger.

- ▶ Observe the following points when storing the charger:
 - Charger is out of the reach of children.
 - The charger is clean and dry.
 - Charger is in an enclosed space.
 - The charger is not suspended from the connecting cable or the holder (3) for the connecting cable.
 - Do not store the charger outside of the specified temperature limits,  19.5.

16 Cleaning

16.1 Cleaning the Vacuum Shredder

- ▶ Switch off the vacuum shredder and remove the battery.
- ▶ Clean the vacuum shredder with a damp cloth.
- ▶ Clean vents with a paintbrush.
- ▶ Clean the shield with a paintbrush or soft brush.
- ▶ Clean the area around the blower wheel with a damp cloth.
- ▶ Beat the catcher bag to remove the dirt, and clean it with a moist cloth.
- ▶ Remove foreign objects from the battery compartment and clean the battery compartment with a damp cloth.
- ▶ Clean the electrical contacts in the battery compartment with a paintbrush or soft brush.

16.2 Cleaning the Battery

- ▶ Clean the battery with a damp cloth.

16.3 Cleaning the Charger

- ▶ Disconnect the mains plug from the power supply.
- ▶ Clean the charger with a damp cloth.
- ▶ Clean vents with a paintbrush.
- ▶ Clean the charger's electrical contacts with a paintbrush or a soft brush.

17 Maintenance and Repairs

17.1 Maintenance and Repair of the Vacuum Shredder

The vacuum shredder cannot be serviced or repaired by the user.

- ▶ If your vacuum shredder has a malfunction or is damaged or requires servicing: Contact your STIHL dealer for assistance.

17.2 Servicing and Repairing the Battery

The battery requires no servicing and cannot be repaired.

- If the battery has a malfunction or is damaged: Replace the battery.

17.3 Servicing and repairing the charger

The charger does not need servicing and it cannot be repaired.

- If the charger has a malfunction or is damaged: Replace the charger.
- If the connecting cable has a malfunction or is damaged: Do not use the charger and have the connecting cable replaced by a STIHL servicing dealer.

18 Troubleshooting

18.1 Troubleshooting the vacuum shredder or battery

Fault	LEDs on the battery	Cause	Remedy
The vacuum shredder does not start when switched on.	1 LED flashing green.	State of charge of the battery is too low.	► Charge the battery.
	1 LED emits red light.	The battery is too warm or too cold.	► Remove the battery. ► Allow the battery to cool down or warm up.
	3 LEDs flash red.	There is a fault in the vacuum shredder.	► Remove the battery. ► Clean electrical contacts in the battery compartment. ► Insert battery. ► Switch the vacuum shredder on. ► If 3 LEDs continue to flash red: Do not use the blower and contact your STIHL dealer for assistance.
	3 LEDs light up red.	The vacuum shredder is too hot.	► Remove the battery. ► Wait for the vacuum shredder to cool down.
	4 LEDs flash red.	There is a fault in the battery.	► Remove battery and reinsert it. ► Switch the vacuum shredder on. ► If 4 LEDs continue to flash red: Do not use the battery; contact a STIHL authorized dealer.
		No electrical contact between the vacuum shredder and the battery.	► Remove the battery. ► Clean electrical contacts in the battery compartment. ► Insert battery.
		The vacuum shredder or battery is damp.	► Allow the vacuum shredder or battery to dry,  19.6..
The vacuum shredder cuts out during operation.	3 LEDs light up red.	The vacuum shredder is too hot.	► Remove the battery. ► Wait for the vacuum shredder to cool down.
		There is an electrical fault.	► Remove battery and reinsert it. ► Switch the vacuum shredder on.
		The vacuum shredder is clogged.	► Remove the battery. ► Clean the vacuum shredder.
The suction power is too low.		The catcher bag is full or dirty.	► Remove the battery. ► Empty the catcher bag. ► Clean the catcher bag.
		The suction tube or blower wheel is clogged.	► Remove the battery. ► Clean the vacuum shredder.
The runtime of the vacuum		The battery is not fully charged.	► Fully charge the battery.

Fault	LEDs on the battery	Cause	Remedy
shredder is too short.			
		The battery service life has been exceeded.	► Replace battery.
Charging does not start when the battery is inserted into the charger.	1 LED emits red light.	The battery is too warm or too cold.	► Leave battery inserted in charger. Charging starts automatically as soon as the permitted temperature range is reached.

18.2 Troubleshooting the Charger

Fault	LED on Charger	Cause	Remedy
Battery not being charged.	The LED flashes red.	No electrical contact between charger and battery.	► Remove the battery. ► Clean contacts on charger. ► Insert battery.
		There is a malfunction in the charger.	► Do not use the charger and contact your STIHL dealer for assistance.

19 Specifications

19.1 Vacuum Shredder STIHL SHA 56

- Approved battery: STIHL AK
- Blowing force: 8 N
- Maximum air velocity: 56 m/s
- Air throughput vacuum shredder 510 m³/h
- Volume catcher bag: 40 l
- Weight vacuum shredder without battery: 4.2 kg
- Weight blower without battery: 3.2 kg

The running time is shown at www.stihl.com/battery-life.

19.2 STIHL AK battery

- Battery technology: lithium-ion
- Voltage: 36 V
- Maximum voltage: 40 V
- Capacity in Ah: See rating label
- Energy content in Wh: see rating label
- Weight in kg: See rating label

19.3 STIHL AL 101 Charger

- Rated voltage: See rating plate
- Frequency: see rating plate
- Rated power: see rating plate
- Charging current: See rating plate

For charging times, see www.stihl.com/charging-times.

19.4 Extension Cords

If an extension cord is used, the cross sectional area of its conductors must meet the following minimum requirements – depending on the line voltage and length of the extension cord:

If rated voltage on the rating label is 220V to 240V:

- Cord length up to 20 m: AWG 15 / 1.5 mm²
- Cord length 20 m up to 50 m: AWG 13 / 2.5 mm²

If rated voltage on the rating label is 100V to 127V:

- Cord length up to 10 m: AWG 14 / 2.0 mm²
- Cord length 10 m up to 30 m: AWG 12 / 3.5 mm²

19.5 Temperature limits



WARNING

- The battery is not protected against all ambient conditions. If the battery is exposed to certain environmental conditions, it may catch fire or explode. This may result in serious injury to people and damage to property.
 - Do not charge the battery below -20°C or above 50°C.
 - Do not use the vacuum shredder or battery below -20°C or above 50°C.
 - Do not store the vacuum shredder or battery below -20°C or above +70°C.

19.6 Recommended temperature ranges

For optimum performance of the vacuum shredder and battery, observe the following temperature ranges:

- Charging: 5 °C to 40 °C
- Use: - 10 °C to + 40 °C
- Storage: - 20 °C to + 50 °C

If the battery is charged, used or stored outside the recommended temperature ranges, performance may be reduced.

If the battery is wet or moist, allow the battery to dry for at least 48 h between 15 °C and 50 °C and with less than 70% humidity. Higher humidity may extend the drying time.

19.7 Sound and vibration values

STIHL recommends wearing hearing protection.

- Sound pressure level L_{pA} (vacuum shredder), measured according to EN 50636-2-100: 83 dB(A), uncertainty K_{pA} : 2 dB(A)
- Sound pressure level L_{pA} (blower), measured according to EN 50636-2-100: 81 dB(A), uncertainty K_{pA} : 2 dB(A)
- Sound power level L_{WA} measured according to EN 50636-2-100: 94 dB(A), uncertainty K_{WA} : 2 dB(A)
- Guaranteed sound power level L_{WAd} measured according to 2000/14/EC: 96 dB(A).
- Vibration value a_{hv} measured according to EN 50636-2-100:
 - Control handle: 0.8 m/s², uncertainty K_a : 2.0 m/s²
 - Loop handle: 1.1 m/s², uncertainty K_a : 2.0 m/s²
- Vibration value p_F determined according to EN ISO 5349-3:
 - Control handle: 19 m/s², uncertainty K_p : 6 m/s²
 - Loop handle: 28 m/s², uncertainty K_p : 6 m/s²

The sound and vibration values indicated were measured according to a standardized test method and can be used as a basis for comparing electric power tools. The actual sound and vibration levels may vary from the values indicated, depending on the type of application and the accessories used. The sound and vibration levels indicated can be used for an initial estimate of the sound and vibration load. The actual sound and vibration stress has to be estimated. The times can be taken into account in the estimate when the electric power tool is switched off

and also when it is switched on but running without any load.

For information on compliance with the Physical Agents (Vibration) Directive 2002/44/EC, see www.stihl.com/vib.

19.8 REACH

REACH is an EC regulation and stands for the Registration, Evaluation, Authorisation and Restriction of Chemical substances.

For information on compliance with the REACH regulation see www.stihl.com/reach.

20 Spare Parts and Accessories

20.1 Spare parts and accessories

STIHL  These symbols indicate original STIHL spare parts and original STIHL accessories.

STIHL recommends the use of original STIHL spare parts and accessories.

Despite ongoing market observation, STIHL is unable to judge the reliability, safety and suitability of other manufacturers' spare parts and accessories; accordingly, STIHL cannot warrant for the use of those parts.

Original STIHL spare parts and original STIHL accessories are available from STIHL dealers.

21 Disposal

21.1 Disposing of the vacuum shredder, battery and charger

Contact local authorities or a STIHL authorized dealer for information about disposal.

Improper disposal can be harmful to health and pollute the environment.

- Take STIHL products including packaging to a suitable collection point for recycling in accordance with local regulations.
- Do not dispose with domestic waste.

22 EU conformity

The EU Declaration of Conformity is available at stihl.link/compliance.

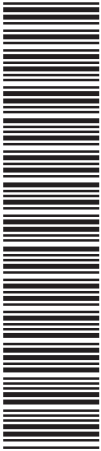
Further information and a form for reporting security vulnerabilities are available at vdp.stihl.com.

23 Addresses

www.stihl.com



0458-828-9821-B



0458-828-9821-B