SPECTRUM Products

POWERED BY SWIFT

Cordless Handy Mower
SBS220CHM

Instruction Manual

Made under licence by Compass and Spectre Ltd, SG19 1QY

Helpline: 01767 235097

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

Version V1: 2025

Items in the box:

OPTIONAL

Battery and charger needs to be bought separately

SBS220CHM

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Flexible ball head control

Easy storage

Strong steel blade

SBS220CHM

3 cutting heights 30-50 mm

Flexible wheel

Smart and handy design

INTRODUCTION AND SAFETY

Thank you for purchasing the product of our company. The present manual explains how to handle it well. Before using it, please read this instruction manual carefully, operate the machine correctly and engage in your task with safety.

Specifications, descriptions and illustrative material in this manual are as accurate as known at the time of publication, but are subject to change without notice. Illustrations may include optional equipment and accessories, and may not include all standard equipment.

SYMBOLS AND WARNING

On the product, the rating label and within these instructions you will find among others the following symbols and abbreviations. Familiarise yourself with them to reduce hazards like personal injuries and damage to property.

Safety alert.

Read and understand all instructions before operating the product, follow all warnings and safety instructions.

Keep all bystanders, especially children and pets, at least 15 m away from the operating area.

CAUTION! Sharp Cutting tool!
Keep hands and feet away from the cutter bar!
CAUTION! The device must not be without Protective hood.

Wear ear protection.

Wear eye protection.

Do not expose to rain or damp condition.

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.

When repair - battery must be removed from the machine.

Warning

The following signal words and meanings are intended to explain the levels of risk associated with this product.

⚠ DANGER
Indicates an imminently hazardous situation, which, if not avoided, will result in death or serious injury.

⚠ WARNING
Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.

⚠ CAUTION
Indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury.

CAUTION
Without safety alert symbol
Indicates a situation that may result in property damage.

GENERAL SAFETY WARNINGS

⚠ WARNING

When using battery operated tools basic safety precautions should always be followed to reduce the risk the following.

Read all these instructions before operating this product and keep for future reference.

- Do not allow children or untrained individuals to use this product.
- Wear heavy long trousers, non-slip safety footwear and gloves.
- Never operate product while bare foot or wearing open shoes.
- Do not wear loose clothing, or jewellery that might get entangled in this product.
- Do not touch the blade when operating this product.
- Keep all bystanders, children, and pets at least 15 m (50 feet) away. Remember that the operator or user is responsible for accidents occurring to bystanders, their property, as well as themselves.
- Check for damaged parts. Before further use of the product, any part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function.
- Check for breakage of parts and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorised service centre. Following this rule will reduce the risk of shock, fire,or serious injury.
- Do not force the product. Use the correct tool for your application. The correct tool will do the job better and safer at the rate for which it is designed.
- Do not over-reach. Keep proper footing and balance at all times. Proper footing and balance enables better control of the product in unexpected situations.
- Secure long hair so it cannot become entangled in moving parts or air intake.
- Do not operate this product when you are tired, ill, or under the influence of alcohol, drugs, or medication.
- Do not operate in poor lighting.
- Never let anyone use the product who has not received adequate instructions in the product's proper use.
- Keep the handles dry and clean.
- Consider work area environment. Do not expose power tools to rain. Do not use power tools in damp or wet locations. Keep work area lit. Do not use power tools where there is risk to cause fire or explosion.
- Store battery or idle tools. When not in use, tools and batteries should be stored separately in dry, high or locked up areas out of reach of children. Ensure that battery terminals cannot be shorted by other metal parts such as screws, nails, etc.
- Disconnect the product from its battery pack when not in use, or before service.
- Avoid unintentional starting. Do not carry the product with a finger on the switch.
- Stay alert. Watch what you are doing. Use common sense. Do not operate product when you are tired.
- Have your product repaired by a qualified person.
- This product is in accordance with the relevant safety requirements. Repairs should only be carried out by qualified persons using original spare parts, otherwise this may result in considerable danger to the user.

⚠ WARNING

Use only the manufacturer's replacement parts. Failure to do so may cause poor performance, possible injury and may void your warranty.

ADDITIONAL SAFETY RULES WARNING

The product is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge. Children should be supervised to ensure that they do not play with the product.

TRANSPORTATION AND STORAGE

- Stop the product, remove the battery and allow it to cool before storing or transporting.
- Clean all foreign material from the product. Store it in a cool dry and well-ventilated place that is inaccessible to children. Keep away from corrosive agents such as garden chemicals and de-icing salts. Do not store outdoors.
- For transportation, secure the product against movement or falling to prevent injury to persons or damage to the product.

TRANSPORTING LITHIUM BATTERIES

Transport the battery in accordance with local and national provisions and regulations.
Follow all special requirements on packaging and labelling when transporting batteries by a third party. Ensure that no batteries can come in contact with other batteries or conductive materials while in transport by protecting exposed connectors with insulating, non-conductive caps or tape. Do not transport batteries that are cracked or leaking. Check with the forwarding company for further advice.

MAINTENANCE

⚠ WARNING

Use only original manufacturer's replacement parts, accessories and attachments. Failure to do so can cause possible injury, poor performance and may void your warranty.

⚠ WARNING

Servicing requires extreme care and knowledge technician. For service we suggest you return the product to your nearest authorised service centre for repair. When servicing, use only identical replacement parts.

- You may make adjustments and repairs described here. For other repairs, contact the authorised service agent.
- After each use, clean the product with a soft dry cloth.
- Check all nuts, bolts and screws at frequent intervals for proper tightness to ensure the product is in safe working condition. Any part that is damaged should be properly repaired or replaced by an authorised service centre.

Storage
Dry and warm

Dry cleaning
No water

Safety Warnings for the battery pack

a) Do not dismantle, open or shred cells or battery pack.

b) Do not short-circuit a battery pack. Do not store battery packs haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by conductive materials. When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.

c) Do not expose battery pack to heat or fire. Avoid storage in direct sunlight.

d) Do not subject battery pack to mechanical shock.

e) In the event of battery leaking, do not allow the liquid to come into contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.

f) Seek medical advice immediately if a cell or battery pack has been swallowed.

g) Keep battery pack clean and dry.

h) Wipe the battery pack terminals with a clean dry cloth if they become dirty.

i) Battery pack needs to be charged before use. Always refer to this instruction and use the correct charging procedure.

j) Do not leave battery pack on charge when not in use.

k) After extended periods of storage, it may be necessary to charge and discharge the battery pack several times to obtain maximum performance.

l) Battery pack gives its best performance when it is operated at normal room temperature (20 °C ± 5 °C).

m) When disposing of battery packs, keep battery packs of different electrochemical systems separate from each other.

n) Recharge only with the charger specified by Spectrum. Do not use any charger other than that specifically provided for use with the equipment. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.

o) Do not use any battery pack which is not designed for use with the equipment.

p) Keep battery pack out of the reach of children.

q) Retain the original product literature for future reference.

r) Remove the battery from the equipment when not in use.

s) Dispose of properly.

Additional safety instructions for your Battery Charger

1. Before charging, read the instructions.
2. Do not charge a leaking battery.
3. Do not use chargers for works other than those for which they are designed.
4. Before charging, ensure your charger is matching the local AC supply.
5. For indoor use, or do not expose to rain.
6. The charging device must be protected from moisture.
7. Do not use the charging device in the open.
8. Do not short out the contacts of battery or charger.
9. Respect the polarity "+/-" when charging.
10. Do not open the unit and keep out of the reach of children.
11. Do not charge the batteries of other manufactures or ill-suited models.
12. Ensure that the connection between the battery charger and battery is correctly positioned and is not obstructed by foreign bodies.
13. Keep battery charger's slots are free of foreign objects and protect against dirt and humidity. Store in a dry and frost-free place.
14. When charging batteries, ensure that the battery charger is in a well ventilated area and away from inflammable materials. Batteries can get hot during charging. Do not overcharge any batteries.
15. Ensure that batteries and chargers are not left unsupervised during charging.
16. Do not recharge non-rechargeable batteries, as they can overheat and break.
17. Longer life and better performance can be obtained if the battery pack is charged when the air temperature is between 18° and 24°. Do not charge the battery pack in air temperatures below 4°, or above 40°. This is important as it can prevent serious damage to the battery pack.

Battery pack safety warnings

- Ensure the switch is in the off position before inserting battery pack. Inserting the battery pack into machines that have the switch on can cause accidents.
- Use only original battery packs intended specifically for this machine. Use of any other battery packs may create a risk of injury and fire.
- Do not open the battery. Danger of short-circuiting.
- Protect the battery against heat (e. g., against continuous intense sunlight and fire) water and moisture. Danger of explosion.
- In case of damage and improper use of the battery, vapours may be emitted. Ventilate the area and seek medical help in case of complaints. The vapours can irritate the respiratory system.
- Use the battery pack only in conjunction with this product and/or product family. This measure alone protects the battery against dangerous overload.
- The battery can be damaged by pointed objects such as nails or screwdrivers or by force applied externally. An internal short circuit can occur and the battery can burn, smoke, explode or overheat.
- Do not short-circuit the battery. There is danger of explosion.
- Store and use the battery only within a temperature range between –20 °C and 50 °C. As an example, do not leave the battery in the car in summer.
- Occasionally clean the venting slots and contact pins of the battery pack using a soft, clean and dry brush.

7.4 The instructions in Clause 7.5 shall be grouped together and be preceded with "WARNING: Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury." or equally definitive statement.

7.5 The instruction manual for all battery-operated appliances shall contain the following or equivalent warnings as applicable immediately following any other safety instructions required by the end-product standard. The term "appliance" may be substituted with the name of the actual type of product.

a) Prevent unintentional starting. Ensure the switch is in the off-position before connecting to battery pack, picking up or carrying the appliance. Carrying the appliance with your finger on the switch or energizing appliance that have the switch on invites accidents.

b) Disconnect the battery pack from the appliance before making any adjustments, changing accessories, or storing appliance. Such preventive safety measures reduce the risk of starting the appliance accidentally.

Note: This warning is not applicable for batteries that cannot be disconnected from the appliance in normal use.

c) Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.

d) Use appliances only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.

e) When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.

f) Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns. (This advice is considered correct for conventional NiMh, NiCd, lead acid and lithium-ion cell types. If this advice is incorrect for a cell design that differs from these, then the correct advice may be substituted.)

g) Do not use a battery pack or appliance that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.

h) Do not expose a battery pack or appliance to fire or excessive temperature. Exposure to fire or temperature above 130°C may cause explosion. The temperature of 130°C can be replaced by the temperature of 265°F.

i) Follow all charging instructions and do not charge the battery pack or appliance outside of the temperature range specified in the instructions. Charging improperly or at temperatures outside of the specified range may damage the battery and increase the risk of fire.

j) Have servicing performed by a qualified repair person using only identical replacement parts.

This will ensure that the safety of the product is maintained.

k) Do not modify or attempt to repair the appliance or the battery pack (as applicable) except as indicated in the instructions for use and care.

7.6 The instruction manual shall contain the following information:

a) Instructions regarding battery charging, information regarding ambient temperature range for appliance and battery use and storage, and the recommended ambient temperature range for charging system during charging.

b) For a battery-operated appliance intended for use with a detachable battery pack or a separable battery pack: instructions indicating the appropriate battery packs for use, such as by a catalog number, series identification or the equivalent.

c) Instructions indicating the appropriate charger(s) for use, such as by a catalog number, series identification or the equivalent.

d) For an appliance provided with a quick release system for a battery harness as required in Clause 16.6, instructions regarding the operation of the quick release system.

Battery charger safety warnings

Read all safety warnings and instructions before using the charger.

Only for indoor use!

- This appliance is not intended for use by children and persons with physical, sensory or mental limitations or a lack of experience or knowledge. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- Only charge the Lithium-Ion battery pack with a capacity of 2.0/4.0Ah (SBS20CB / SBS40CB Lithium-Ion battery cells) as mentioned in this instruction manual. Do not charge non-rechargeable batteries.
- The battery and charger must be placed in a well ventilated area.
- Do not operate the battery charger on easily inflammable surfaces (e. g., paper, textiles, etc.) or surroundings. The heating of the battery charger during the charging process can pose a fire hazard.
- Do not cover the ventilation slots of the battery charger. Otherwise, the battery charger can overheat and no longer operate properly.

Vibration and noise reduction

To reduce the impact of noise and vibration emission, limit the time of operation, use low-vibration and low-noise operating modes as well as wear personal protective equipment.

Take the following points into account to minimise the vibration and noise exposure risks:

1. Only use the product as intended by its design and these instructions.
2. Ensure that the product is in good condition and well maintained.
3. Use correct attachments for the product and ensure they are in good condition.
4. Keep tight grip on the handles/gripping surface.
5. Maintain this product in accordance with these instructions and keep it well lubricated (where appropriate).
6. Plan your work schedule to spread any high vibration tool use across a longer period of time.
7. Prolonged use of the product exposes the user to vibrations that can cause a range of conditions collectively known as hand-arm vibration syndrome (HAVS) e.g. fingers going white; as well as specific diseases such as carpal tunnel syndrome.

- To reduce this risk when using the product, always wear protective gloves and keep your hands warm.
- The symptoms of HAVS include any combination of the following: Tingling and numbness in the fingers; Not being able to feel things properly; Loss of strength in the hands; Fingers going white (blanching) and becoming red and painful on recovery (particularly in the cold and wet, and probably only in the tips at first). Seek medical advice immediately if such symptoms are experienced.

Emergency

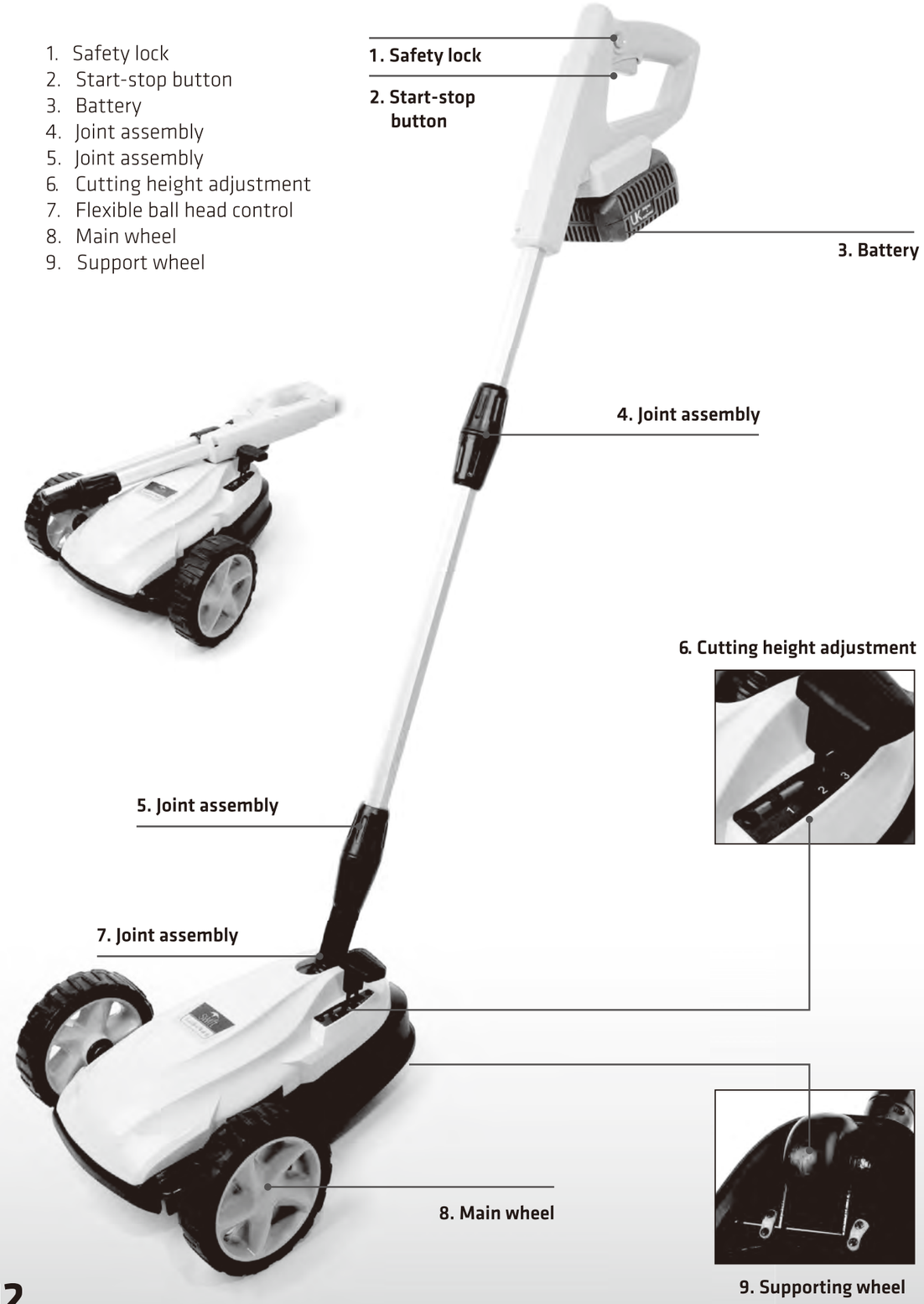
Familiarise yourself with the use of this product by means of this instruction manual. Memorise the safety directions and follow them to the letter. This will help to prevent risks and hazards.

1. Always be alert when using this product, so that you can recognise and handle risks early. Fast intervention can prevent serious injury and damage to property.
2. Switch off the product and remove the battery pack if there are malfunctions. Have the product checked by a qualified professional and repaired, if necessary, before you operate it again.

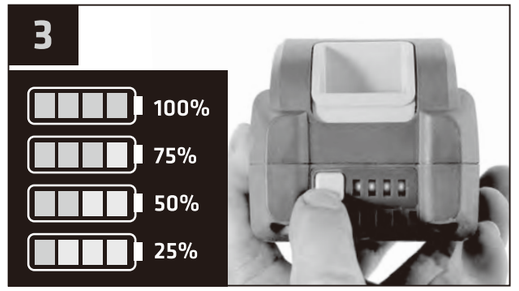
SBS220CHM

PRODUCT DESCRIPTION

1. Safety lock
2. Start-stop button
3. Battery
4. Joint assembly
5. Joint assembly
6. Cutting height adjustment
7. Flexible ball head control
8. Main wheel
9. Support wheel



Installation of battery.



Press the battery pack fully into the power tool until it is locked by the unlocking button (“Click”).

Maintenance of battery pack

1. If the battery is empty and the product is switched off automatically, do not continue to press the ON/OFF switch.
2. Charge the battery only after the battery pack has cooled down.
3. Charge the battery completely if the product will not be used for a long time.
4. Charge the battery at least every 6 months to maintain the optimal capacity.

CHARGERS: OPTIONAL ACCESSORIES

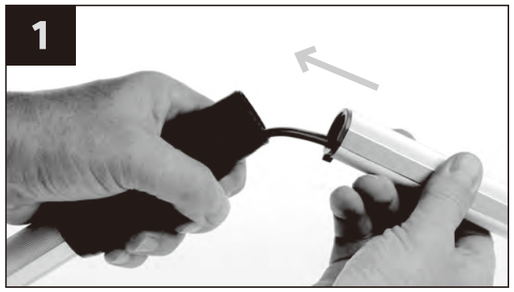
FITS ALL 40V BATTERY

SBSCBC (Standard Charger)
SBSCSC (Fast Charger)

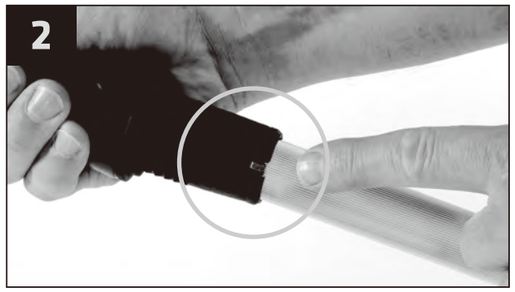
FITS ALL 40V TOOLS

SBS20CB (2Ah)
SBS40CB (4Ah)

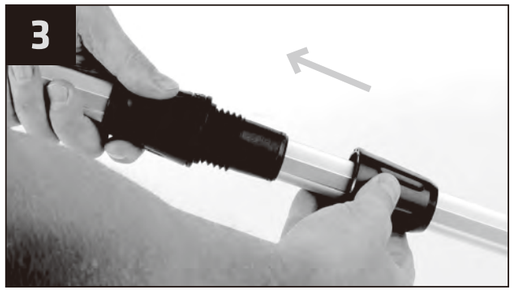
Assembly of upper handles



Be aware of the guide.



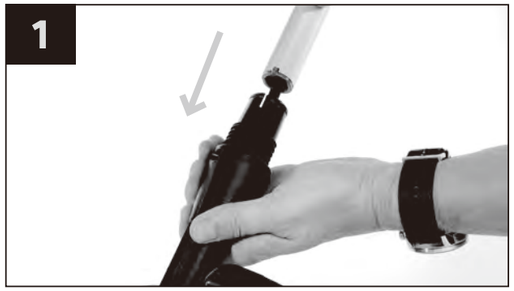
Guide must slide in to the slot.



Fit lock to the thread and tighten.

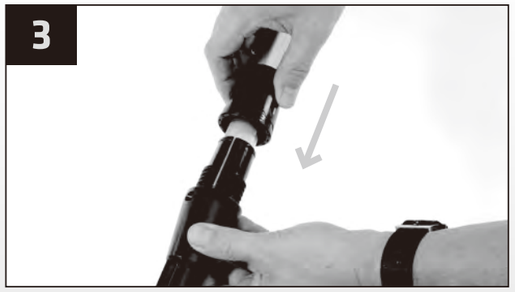
Turn clockwise to tighten.

Assembly of lower bar

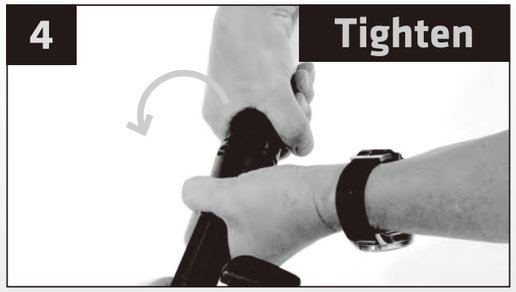


Be aware of the guide.

Guide must slide in to the slot.



Fit lock to the thread and tighten.



Turn clockwise to tighten.

Start and stop

Press the safety lock before starting the machine.

Press the start -stop button and the machine starts. Release to stop.

Adjust cutting height - 1 to 3

Push towards the number, drag back and forth for the right height.

1 = 20 mm, 2 = 35 mm, 3 = 50 mm.

Packed for storage

Technical specifications

Model: SBC220CHM	
Rated voltage	40V
Cutting width:	220mm IPX1
Cutting height:	30 - 50mm
Blade speed:	6000/Min
Noise:	96dB(a)
packing size:	550x400x200mm

CHARGE INDICATOR		
Charger	Batteries	
SBSCBC SBSCSC	SBS20CB (2 Ah) SBS40CB (4 Ah)	Fully charged - all lights green no flashing

Certificates

EN 62841-1:2015
EN ISO 12100:2010
EN 1083-2:1997

WARRANTY and AFTER-SALES SERVICE

This product has been manufactured to a high quality standard. It is guaranteed against faulty materials and workmanship for 24 months from purchase, please retain your receipt as proof of purchase.
If the product is found to be defective within the relevant time period, we will either replace all defective parts or, at our discretion, replace the unit free of charge with the same item or items of a greater value and/or specification.

Warranty: Wearing parts (fans, blades) not included.

This warranty does not cover defects caused by or resulting from:

- Misuse, abuse or neglect,
- Trade, professional or hire use,
- Repairs attempted by anyone other than our authorised service-center,
- Damage caused by foreign objects, substances or accident,
- In the unlikely event that this product does develop a fault, please contact us.

This warranty does not affect your statutory rights.
In all correspondence and spare parts orders, please always include the article number and model type given on the type plate of the product.

DECLARATION OF CONFORMITY

EC DECLARATION OF CONFORMITY

We
Compass and Spectre Ltd
60 Sunderland Road, Sandy
Bedfordshire SG19 1QY

Declare that the product
Cordless Lawn Mower
SBS220CHM
40V / 220 mm

Complies with the essential health and safety requirements
of the following Directives:
EC Directive2000/14/EC:0036

Standards and technical specifications referred to:
EN 62841-1:2015+A11:2021
EN IEC 55014-1:2021 EN IEC 55014-2:2021
EN ISO 12100:2010

Notified Body:
TÜV SÜD Product Service GmbH
Authorised Signatory

Name: Mr. Andrew Gunn

Title: Managing Director
Operations Manager
Date: 15/12/2025

All technical information is held at the address detailed above.

My Spectrum Product Details

MODEL NUMBER	
SERIAL NUMBER	
DATE OF PURCHASE	

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