



GE-SR 18/22 Li

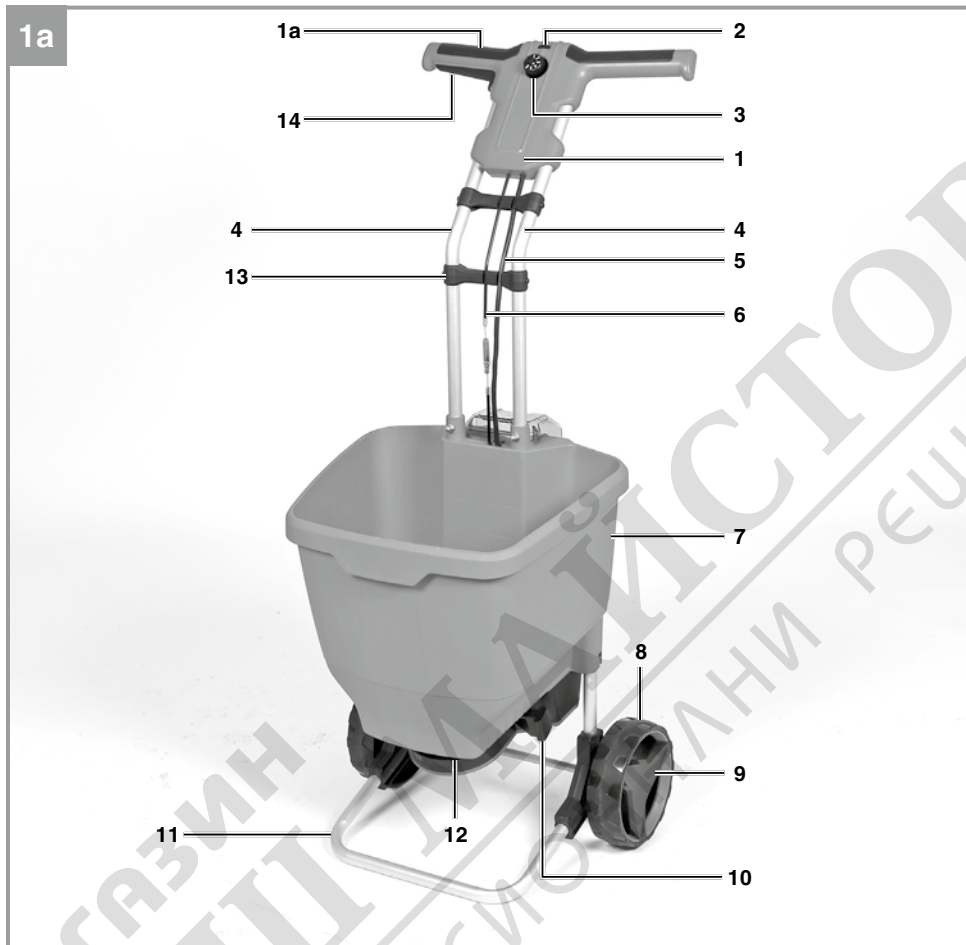
D	Originalbetriebsanleitung Akku-Streuwagen	H	Eredeti használati utasítás Akkus-szóró kocsi
GB	Original operating instructions Cordless Spreader	RO	Instrucțiuni de utilizare originale Dispozitiv de împrăștiere cu acumulator
F	Instructions d'origine Épandeur sans fil	GR	Πρωτότυπες Οδηγίες χρήσης Διανομέας μπαταρίας
I	Istruzioni per l'uso originali Carrello spargitore a batteria	P	Manual de instrucções original Carrinho espalhador sem fio
DK/ N	Original betjeningsvejledning Akku-spredevogn	HR/ BIH	Originalne upute za uporabu Baterijska sijačica
S	Original-bruksanvisning Batteridrivnen spridarvagn	RS	Originalna uputstva za upotrebu Akumulatorska kolica za rasipanje đubriva
CZ	Originální návod k obsluze Akumulátorový sypací vozík	PL	Instrukcja oryginalna Siewnik akumulatorowy
SK	Originálny návod na obsluhu Akumulátorový posypový vozík	TR	Orijinal Kullanma Talimatı Akülü serpme makinesi
NL	Originele handleiding Accu-strooiwagen	EE	Originaalkasutusjuhend Akuga tuhaimur
E	Manual de instrucciones original Carro esparcidor inalámbrico		
FIN	Alkuperäiskäyttöohje Akku-sirotusvaunu		
SLO	Originalna navodila za uporabo Akumulatorski trosilni voziček		

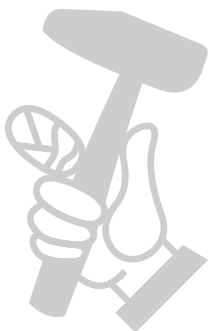
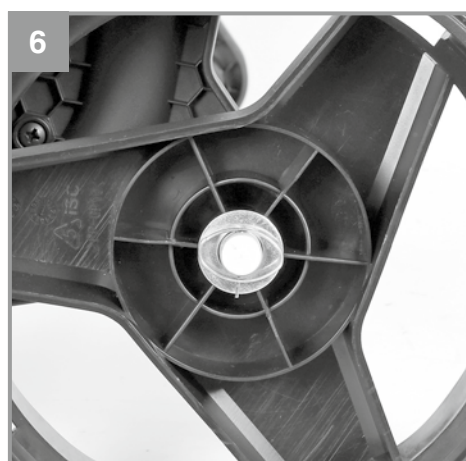
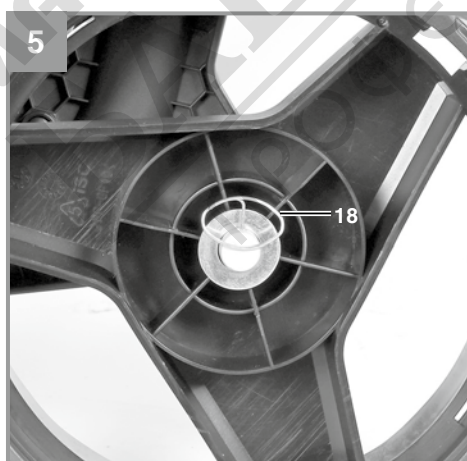
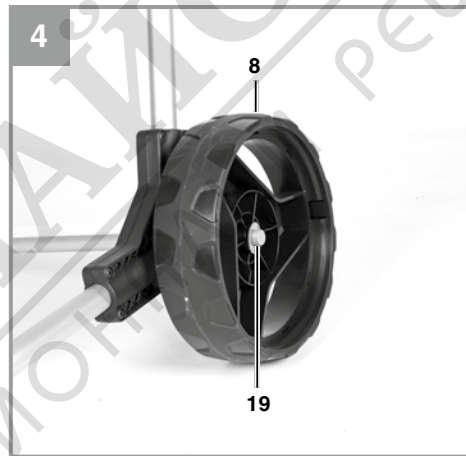
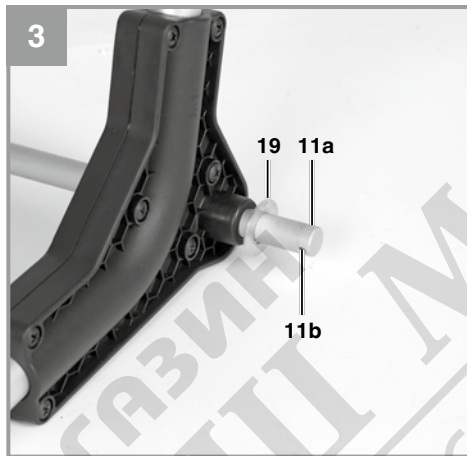
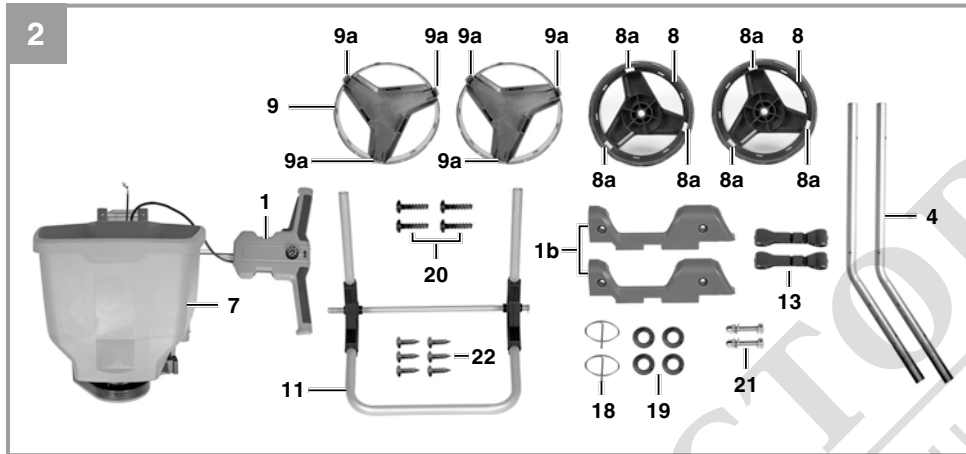


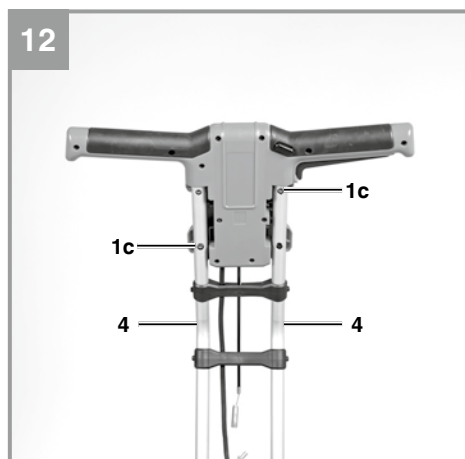
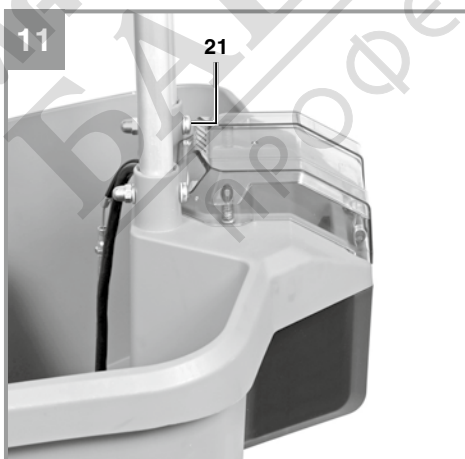
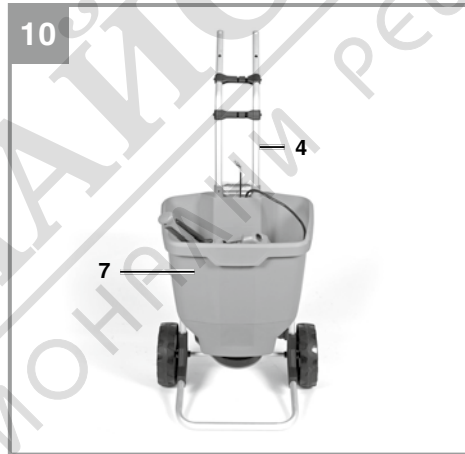
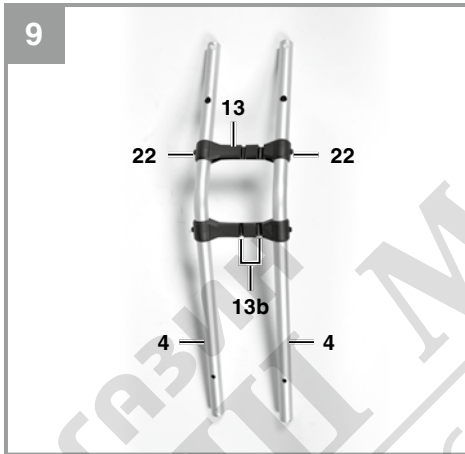
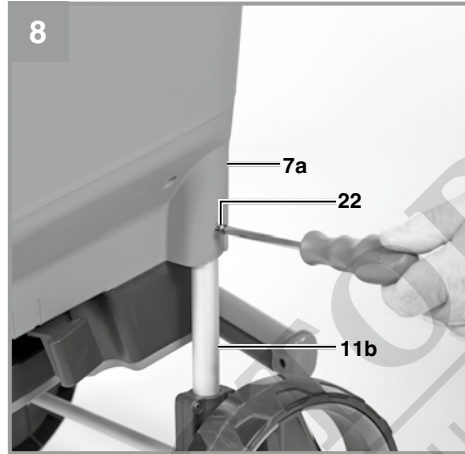
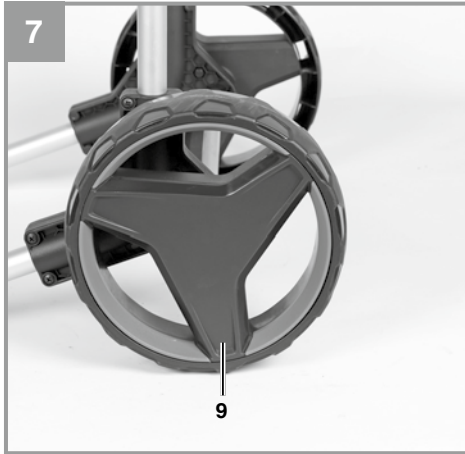
13

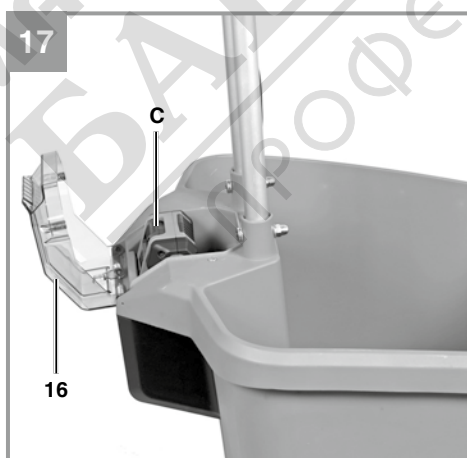
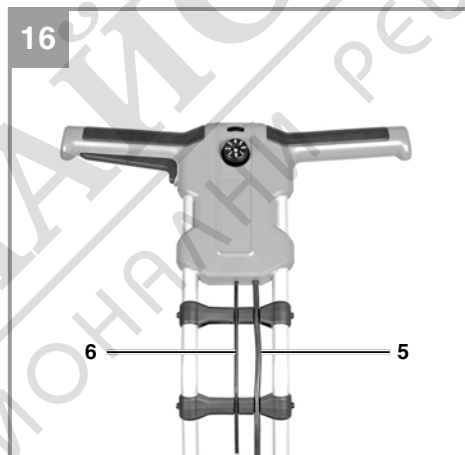
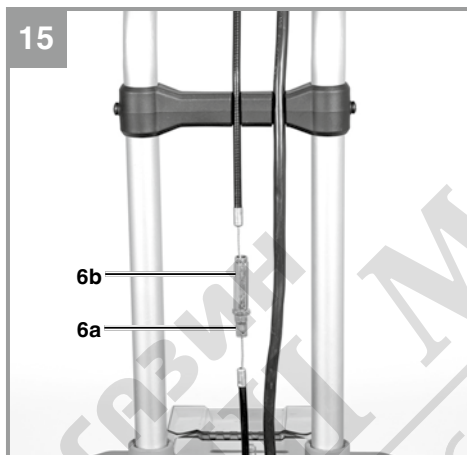
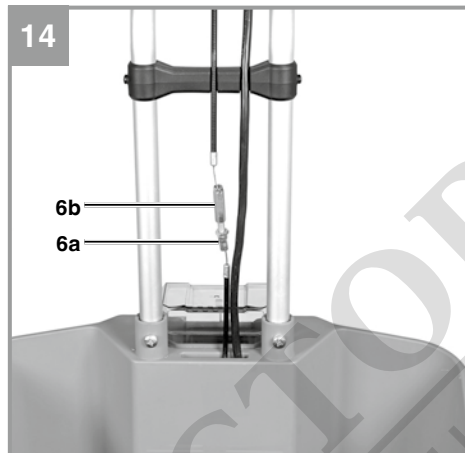
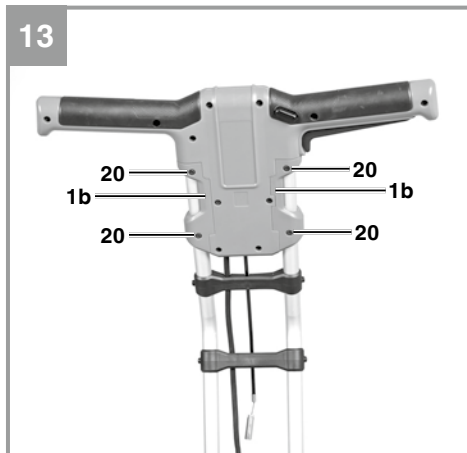
Art.-Nr.: 34.154.30

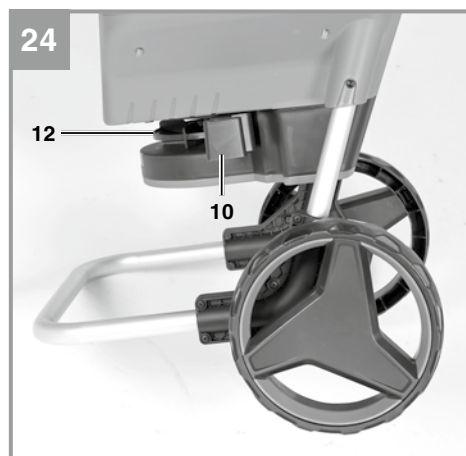
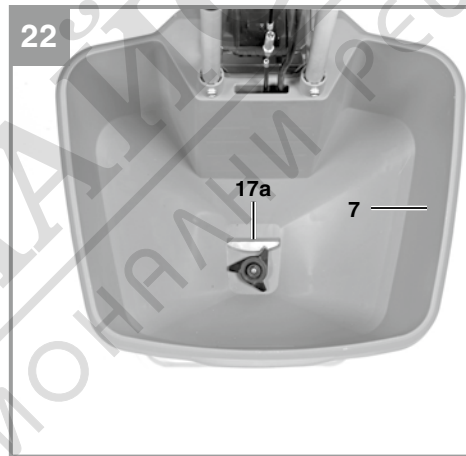
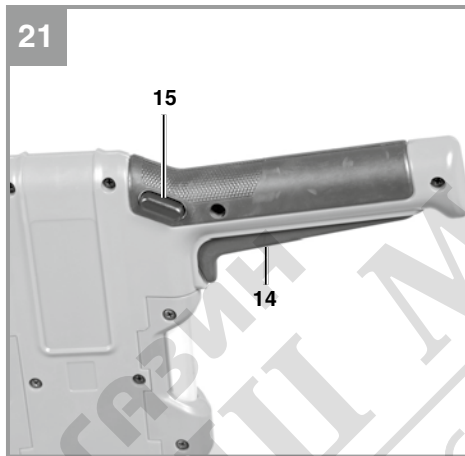
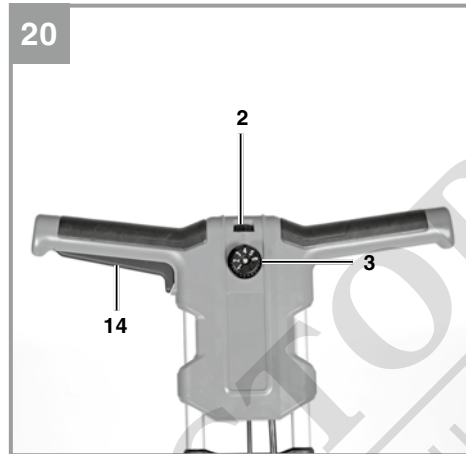
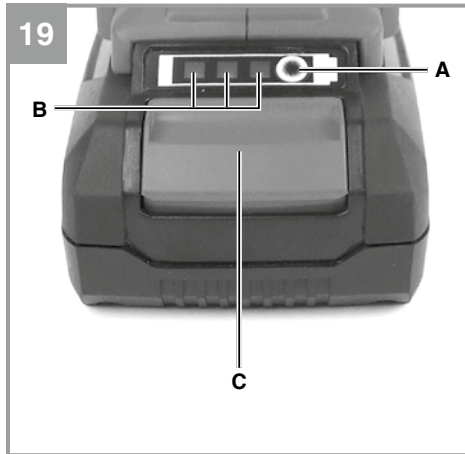
I.-Nr.: 21013

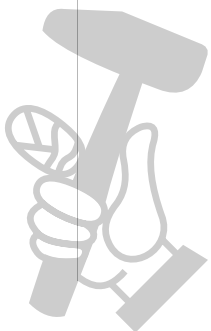
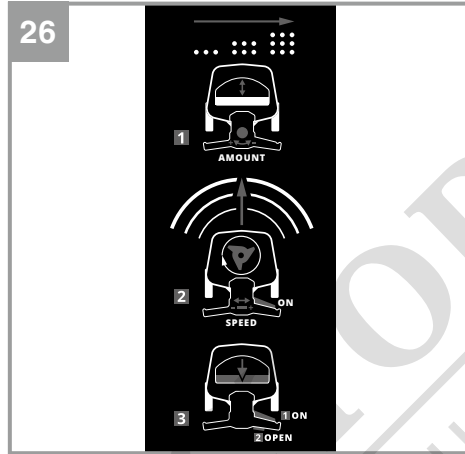
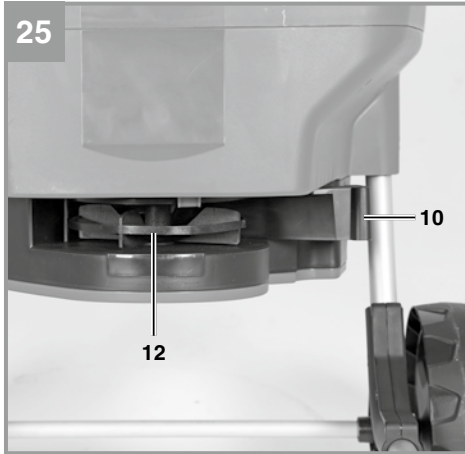












**Danger!**

When using the equipment, a few safety precautions must be observed to avoid injuries and damage. Please read the complete operating instructions and safety regulations with due care. Keep this manual in a safe place, so that the information is available at all times. If you give the equipment to any other person, hand over these operating instructions and safety regulations as well. We cannot accept any liability for damage or accidents which arise due to a failure to follow these instructions and the safety instructions.

**Explanation of the symbols used (Fig. 27)**

1. **Danger!** - Read the operating instructions to reduce the risk of injury.
2. **Caution!** Keep other persons and animals away from the danger zone.
3. **Caution! Wear a breathing mask.** Harmful dust can be generated.
4. **Caution! Wear safety goggles.** Splinters, chips and dust generated during work can cause loss of sight.
5. Wait until all parts of the machine have come to a complete stop before touching them.
6. Never reach into openings.

**1. Safety regulations**

The corresponding safety information can be found in the enclosed booklet.

**Warning!**

**Read all the safety information, instructions, illustrations and technical data provided on or with this power tool.** Failure to adhere to the following instructions may result in electric shock, fire and/or serious injury.

**Keep all the safety information and instructions in a safe place for future use.**

- Be sure to observe the adjustment instructions in the manual and the stickers on the device. You must observe the instructions on the fertilizer/seed packaging.
- To prevent fertilizer burn (over-fertilization) in the lawn caused by spillage of the spreader material, never fill the spreader directly on the lawn.

Children are not allowed to use this equipment. Children should be supervised so that they do not play with the equipment. Children are not allowed to carry out cleaning or maintenance. This equip-

ment is not allowed to be used by people with limited physical, sensory or mental capacities or by those with insufficient knowledge or experience unless they are supervised or instructed by a person who is responsible for them.

**2. Layout and items supplied****2.1 Layout (Fig. 1/2)**

1. Operating unit
  - 1a. Steady grip
  - 1b. Counterpart
2. Speed controller
3. Spreading quantity adjuster
4. Long handle tube
5. Connecting line
6. Bowden wire
7. Spreader material compartment
8. Wheel
9. Wheel cap
10. Spreading width controller
11. Foot
12. Spreader wheel
13. Spacer
14. On/Off switch
15. Lock-off button
16. Battery compartment cover
17. Push-handle
18. Wheel lock
19. Wheel axle washer
20. Self-tapping screw (long)
21. M6 screw, washer, cap nut
22. Self-tapping screw (short)

**2.2 Items supplied**

Please check that the article is complete as specified in the scope of delivery. If parts are missing, please contact our service center or the sales outlet where you made your purchase at the latest within 5 working days after purchasing the product and upon presentation of a valid bill of purchase. Also, refer to the warranty table in the service information at the end of the operating instructions.

- Open the packaging and take out the equipment with care.
- Remove the packaging material and any packaging and/or transportation braces (if available).
- Check to see if all items are supplied.
- Inspect the equipment and accessories for transport damage.

- If possible, please keep the packaging until the end of the guarantee period.

**Danger!**

**The equipment and packaging material are not toys. Do not let children play with plastic bags, foils or small parts. There is a danger of swallowing or suffocating!**

- Cordless Spreader
- Original operating instructions
- Safety instructions

**3. Proper use**

The equipment is designed solely for spreading grass seeds, fertilizers, rock salt and de-icer outdoors. The equipment cannot be used for spreading sand and powdery (floury) fertilizer.

The equipment is to be used only for its prescribed purpose. Any other use is deemed to be a case of misuse. The user / operator and not the manufacturer will be liable for any damage or injuries of any kind caused as a result of this.

Please note that our equipment has not been designed for use in commercial, trade or industrial applications. Our warranty will be voided if the machine is used in commercial, trade or industrial businesses or for equivalent purposes.

**4. Technical data**

Operating voltage: .....	18 V DC
Max spreading width: .....	6 m
Spreader material compartment volume: .....	22 liters
$L_{WA}$ sound power level: .....	72,7 db(A)
$L_{PA}$ sound pressure level: .....	80,7 db(A)
Uncertainty $K_{WA} / K_{PA}$ .....	3 dB
Weight: .....	6,3 kg

**Important!**

The equipment is supplied without batteries and without a charger and is allowed to be used only with the lithium-ion batteries of the Power X-Change series!

The lithium-ion batteries of the Power X-Change series are allowed to be charged only with the Power X charger.

**Wear ear-muffs.**

The impact of noise can cause damage to hearing.

Total vibration values (vector sum of three directions) determined in accordance with EN 62841.

**Handle**

Vibration emission value  $a_h \leq 2.5 \text{ m/s}^2$   
K uncertainty =  $1.5 \text{ m/s}^2$

The stated noise emission values were measured in accordance with a set of standardized criteria and can be used to compare one power tool with another.

The stated noise emission values can also be used to make an initial assessment of exposure.

**Warning:**

The noise emission levels may vary from the level specified during actual use, depending on the way in which the power tool is used, especially the type of workpiece it is used for.

**Limit the operating time!**

All stages of the operating cycle must be considered (for example, times in which the electric tools are switched off and times in which the tool is switched on but operates without load).

**Keep the noise emissions and vibrations to a minimum.**

- Only use appliances which are in perfect working order.
- Service and clean the appliance regularly.
- Adapt your working style to suit the appliance.
- Do not overload the appliance.
- Have the appliance serviced whenever necessary.
- Switch the appliance off when it is not in use.
- Wear protective gloves.

**Caution!****Residual risks**

**Even if you use this electric power tool in accordance with instructions, certain residual risks cannot be ruled out. The following hazards may arise in connection with the equipment's construction and layout:**

1. Lung damage if no suitable protective dust mask is used.
2. Damage to hearing if no suitable ear protection is used.

3. Risk of eye damage if essential safety goggles are not worn.

## 5. Before starting the equipment

### The machine is supplied without batteries and without a charger!

Follow the instructions step by step and refer to the pictures when assembling.

#### 5.1 Fitting the wheels on the foot (Fig. 3-6)

Push a washer (Item 19), a wheel (Item 8) and another washer (Item 19) onto the axle (Item 11a). Then press the straight part of the wheel lock (Item 18) through the axle hole (Item 11b) and secure the wheel. Fit the second wheel in the same way.

#### 5.2 Fitting the wheel caps (Fig. 7)

Place the wheel caps (Item 9) on the wheels (Item 8) so that the clips (Fig. 2/Item 9a) of the wheel caps and the recesses (Fig. 2/Item 8a) of the wheels are above each other. Press the wheel caps onto the wheels.

#### 5.3 Fitting the foot on the spreader material compartment (Fig. 8)

Insert the foot tubes (Item 11b) in the mounts (Item 7a) and fasten with the screws (Item 22).

#### 5.4 Fitting the spacers on the long handle tube (Fig. 9)

**Important!** Be sure to observe the correct alignment of the spacers (Item 13)! The cable guides (Item 13b) must be on the right-hand side. Push the spacers (Item 13) onto the two long handle tubes (Item 4) and use the screws (Item 22) to secure to the respective long handle tube (Item 4).

#### 5.5 Fitting the long handle tubes on the spreader material compartment (Fig. 10-11)

**Important!** Be sure to observe the correct alignment of the screws!

Insert both long handle tubes (Item 4) in the tube mounts (Item 7b) and secure with the M6 screws, washers and cap nuts (Item 21).

#### 5.6 Fitting the handle on the long handle tube (Fig. 12-13)

Insert the tube mounts (Item 1c) of the operating unit into both long handle tubes (Item 4), place the counterparts (Item 1b) on top, and use the screws (Item 20) to secure them to the operating unit (Item 1).

#### 5.7 Connecting the Bowden wire (Fig. 14-16)

Screw together the lower part (Item 6a) and the upper part (Item 6b) of the Bowden wire so that they are firmly joined together. Align the Bowden wire (Item 6) and the connecting line (Item 5) so that they are inside the cable guides (Fig. 9/Item 13b).

#### 5.8 Fitting the battery (Fig. 17)

**Note:** The battery compartment cover is self-closing and is held shut by magnets.

**Inserting:** Open the battery compartment cover (Item 16) and insert the battery in the battery mount.

**Removing:** Open the battery compartment cover (Item 16), press the battery pushlock button (Item C) and pull out the battery.

#### 5.9 Charging the battery (Fig. 18)

1. Take the battery pack out of the equipment. Do this by pressing the pushlock button.
2. Check that your mains voltage is the same as that marked on the rating plate of the battery charger. Insert the power plug of the charger into the socket outlet. The green LED will then begin to flash.
3. Insert the battery pack into the battery charger.
4. In the section entitled „Charger indicator“ you will find a table with an explanation of the LED indicator on the charger.

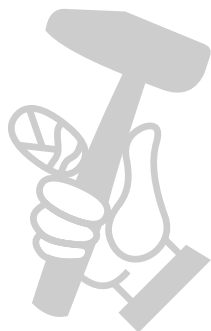
The battery pack can become a little warm during the charging. This is normal.

If the battery pack fails to charge, check:

- whether there is voltage at the socket outlet
- whether there is good contact at the charging contacts

If the battery pack still fails to charge, send

- the charging unit
  - and the battery pack
- to our customer service center.



To ensure that items are properly packaged and delivered when you send them to us, please contact our customer service or the point of sale at which the equipment was purchased.

When shipping or disposing of batteries and cordless tools, always ensure that they are packed individually in plastic bags to prevent short circuits and fires.

To ensure that the battery pack provides long service, you should take care to recharge it promptly. You must recharge the battery pack when you notice that the performance of the device drops. Never allow the battery pack to become fully discharged. This will cause it to develop a defect.

#### 5.10 Battery capacity indicator (Fig. 19)

Press the button for the battery capacity indicator (Item A). The battery capacity indicator (Item B) shows the charge status of the battery using 3 LEDs.

##### All 3 LEDs are lit:

The battery is fully charged.

##### 2 or 1 LED(s) are lit:

The battery has an adequate remaining charge.

##### 1 LED blinks:

The battery is empty, recharge the battery.

##### All LEDs blink:

The battery temperature is too low. Remove the battery from the equipment, keep it at room temperature for one day. If the fault reoccurs, this means that the rechargeable battery has undergone exhaustive discharge and is defective. Remove the battery from the equipment. Never use or charge a defective battery.

## 6. Operation

### Explanation of the function label (Fig. 26)

1. Specify how wide the spreader material opening can be opened
2. Specify the speed of the spreader wheel
3. Switch on the tool with the previously selected values

### 6.1 Recommended spreading settings (Fig. 20/Item 3)

Each spreader material is supplied with instructions on how many grams per square meter are to be spread. Set a low flow rate for smaller quantities and increase the flow rate for larger quantities.

#### The following settings are recommended:

Setting 1+2: Fine grass seeds

Setting 3+4: Light fertilizer

Setting 5+6: Heavy fertilizer or de-icer

#### Note:

Numerous variable factors (such as walking speed, spreader wheel speed etc.) do not allow a specific recommendation for the spreader setting. Rather, the optimum setting must be determined by the user when starting with the work.

### 6.2 Spreading (Fig. 20-25)

#### Note:

Measure the area over which you intend to spread the spreader material and determine the size of the area in square meters. Work out the amount of spreader material required by referring to the amounts given on the fertilizer/seed packaging. Set the speed of the spreader wheel (12) with the speed controller (2) (1= lowest / 6= highest speed). Use the mechanical spreading width controller (10) to influence the spreading width on the left-hand side. Proceed at normal speed over the area where you want to spread the material.

1. Ensure that the infinitely adjustable speed controller (Item 2) is set to position „1“.
2. Place the spreader on a paved surface and fill spreading material into the spreading material compartment (Item 7).
3. Use the spreading quantity adjuster (Item 3) to set the level recommended for the spreading material in question.
4. Use the speed controller (Item 2) and the mechanical spreading width controller (Item 10) to set the required spreading width. If you do not know whether the settings are conform with the required spreading width, begin with a low speed and a small spreading width.
5. Gently press and hold the On/Off switch (Item 14): the spreader wheel (Item 12) will rotate. Press more firmly on the lock-off button (Item 15) to release the pusher and on the On/Off switch (Item 14): the pusher (Item 17a) will open and the tool will begin spreading.

6. After carrying out work on a small area, adjust the settings if necessary.

**Note:** If the pusher (Item 17a) of the spreader material opening becomes jammed, you can release it by pulling several times on the push-handle (Item 17).

## 7. Cleaning, maintenance and ordering of spare parts

### Hazard!

Before putting away or cleaning, switch off the equipment and remove the battery pack.

### 7.1 Cleaning

- Keep all safety devices, air vents and the motor housing free of dirt and dust as far as possible. Wipe the equipment with a clean cloth or blow it with compressed air at low pressure.
- We recommend that you clean the device immediately each time you have finished using it.
- Clean the equipment regularly with a moist cloth and some soft soap. Do not use cleaning agents or solvents; these could attack the plastic parts of the equipment. Ensure that no water can seep into the device. The ingress of water into an electric tool increases the risk of an electric shock.

### 7.2 Maintenance

There are no parts inside the equipment which require additional maintenance.

### 7.3 Ordering replacement parts:

Please quote the following data when ordering replacement parts:

- Type of machine
- Article number of the machine
- Identification number of the machine
- Replacement part number of the part required

For our latest prices and information please go to [www.Einhell-Service.com](http://www.Einhell-Service.com)

## 8. Disposal and recycling

The equipment is supplied in packaging to prevent it from being damaged in transit. The raw materials in this packaging can be reused or recycled. The equipment and its accessories are made of various types of material, such as metal and plastic. Never place defective equipment in

your household refuse. The equipment should be taken to a suitable collection center for proper disposal. If you do not know the whereabouts of such a collection point, you should ask in your local council offices.

## 9. Storage and transport

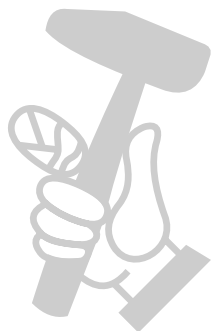
Remove the rechargeable battery/batteries.

### Storage

Store the equipment and accessories out of children's reach in a dark and dry place at above freezing temperature. The ideal storage temperature is between 5 and 30 °C. Store the machine in its original packaging.

### Transport

- Protect the machine from damage and the strong vibrations that can occur particularly when transporting in vehicles.
- Secure the machine against slipping and tipping over.



## 10. Charger indicator

Indicator status		Explanations and actions
Red LED	Green LED	
Off	Flashing	<p><b>Ready for use</b> The charger is connected to the mains and is ready for use; there is no battery pack in the charger</p>
On	Off	<p><b>Charging</b> The charger is charging the battery pack in quick charge mode. The charging times are shown directly on the charger. Important! The actual charging times may vary slightly from the stated charging times depending on the existing battery charge.</p>
Off	On	<p><b>The battery is charged and ready for use. (READY TO GO)</b> The unit then changes over to gentle charging mode until the battery is fully charged. To do this, leave the rechargeable battery on the charger for approx. 15 minutes longer. <b>Action:</b> Take the battery pack out of the charger. Disconnect the charger from the mains supply.</p>
Flashing	Off	<p><b>Adapted charging</b> The charger is in gentle charging mode. For safety reasons the charging is performed less quickly and takes more time. The reasons can be: - The rechargeable battery has not been used for a very long time. - The battery temperature is outside the ideal range. <b>Action:</b> Wait for the charging to be completed; you can still continue to charge the battery pack.</p>
Flashing	Flashing	<p><b>Fault</b> Charging is no longer possible. The battery pack is defective. <b>Action:</b> Never charge a defective battery pack. Take the battery pack out of the charger.</p>
On	On	<p><b>Temperature fault</b> The battery pack is too hot (e.g. due to direct sunshine) or too cold (below 0° C). <b>Action:</b> Remove the battery pack and keep it at room temperature (approx. 20° C) for one day .</p>

**Disposal**

Power tools, rechargeable batteries, accessories and packaging should be sorted for environmental-friendly recycling.

Do not dispose of power tools and batteries/rechargeable batteries into household waste!

**Only for EU countries:**

According to the Directive 2012/19/EU on waste electrical and electronic equipment and its transposition into national law, power tools that are no longer usable, and, according to the Directive 2006/66/EC, defective or drained batteries must be collected separately and disposed of in an environmentally correct manner.

If disposed incorrectly, waste electrical and electronic equipment may have harmful effects on the environment and human health, due to the potential presence of hazardous substances.

**Only for United Kingdom:**

According to The Waste Electrical and Electronic Equipment Regulations 2013 (SI 2013/3113) (as amended) and the Waste Batteries and Accumulators Regulations 2009 (SI 2009/890) (as amended), products that are no longer usable must be collected separately and disposed of in an environmentally friendly manner.

The reprinting or reproduction by any other means, in whole or in part, of documentation and papers accompanying products is permitted only with the express consent of the Einhell Germany AG.

Subject to technical changes.



## Service information

We have competent service partners in all countries named on the guarantee certificate whose contact details can also be found on the guarantee certificate. These partners will help you with all service requests such as repairs, spare and wearing part orders or the purchase of consumables.

Please note that the following parts of this product are subject to normal or natural wear and that the following parts are therefore also required for use as consumables.

Category	Example
Wear parts*	Battery
Consumables*	
Missing parts	

\* Not necessarily included in the scope of delivery!

In the effect of defects or faults, please register the problem on the internet at [www.Einhell-Service.com](http://www.Einhell-Service.com). Please ensure that you provide a precise description of the problem and answer the following questions in all cases:

- Did the equipment work at all or was it defective from the beginning?
- Did you notice anything (symptom or defect) prior to the failure?
- What malfunction does the equipment have in your opinion (main symptom)? Describe this malfunction.



## Warranty certificate

Dear Customer,

All of our products undergo strict quality checks to ensure that they reach you in perfect condition. In the unlikely event that this equipment develops a fault, please contact our service department at the address shown on this guarantee card. You can also contact us by telephone using the service number shown. Please note the following terms under which guarantee claims can be made:

1. These guarantee terms apply solely to consumers, i.e. natural persons, who do not want to use this product in connection with either their commercial or other self-employed activities. These guarantee terms regulate additional guarantee services which the undermentioned manufacturer promises to buyers of its new products in addition to their statutory rights of guarantee. Your statutory rights of guarantee are not affected by this guarantee. Our guarantee is free of charge to you.
2. The guarantee services cover only defects due to material or manufacturing faults on the new product which you have bought in the European Union from the undermentioned manufacturer and are limited to either the rectification of said defects or the replacement of the product, whichever we prefer. Please note that only equipment under the brand name "Professional" has been designed for use in commercial, trade or professional applications. For all other products the guarantee is invalidated if the equipment is used within the guarantee period in commercial, trade or industrial applications or for other equivalent activities.
3. Our guarantee does not cover:
  - Damage to the equipment caused by failure to comply with the installation/assembly instructions or by unprofessional installation; damage caused by failure to comply with the operating instructions (e.g. connection to the wrong mains voltage or current type); damage caused by failure to comply with the maintenance and safety regulations; damage caused by exposing the equipment to abnormal environmental conditions; damage resulting from poor care and maintenance.
  - Damage to the equipment caused by misuse or incorrect applications (e.g. overloading the equipment or using non-approved attachments or accessories); damage caused by foreign bodies (e.g. sand, stones, dust, ...) getting inside the equipment. Damage in transit; damage caused by force or external influences (e.g. by dropping the equipment).
  - Damage to the equipment or parts of the equipment which is owed to use-related, normal or otherwise natural wear. For example, batteries and battery packs are manufactured with a cycle limit for design-related reasons. Wear is negatively influenced in particular by load demands and charging speeds as well as exposure to heat, cold, vibration and impact.
4. The guarantee is valid for a period of 2 years starting from the purchase date of the equipment. Guarantee claims must be submitted before the end of the guarantee period and within two weeks of the defect being noticed. No guarantee claims will be accepted after the end of the guarantee period. The original guarantee period remains applicable to the equipment even if repairs are carried out or parts are replaced. In such cases, the work performed or parts fitted will not result in an extension of the guarantee period, and no new guarantee will become active for the work performed or for any replacement parts fitted. This also applies if on-site service is used.
5. To assert your guarantee claim, register the defective equipment at: [www.Einhell-Service.com](http://www.Einhell-Service.com). You will need to provide proof of purchase of the new item of equipment. Equipment returned without such proof or without a rating plate are excluded from the guarantee services because of the lack of traceability. If the defect is covered by our guarantee, then either the item in question will be repaired immediately and returned to you or we will send you a new replacement.
6. If you have taken the equipment with you to a different EU country than where you bought it, we will arrange for a local service partner to provide the guarantee services. If you take the equipment outside the EU, the guarantee will not apply.

Of course, we are also happy to offer a chargeable repair service for any defects which are not covered or no longer covered by the scope of this guarantee. To take advantage of this service, please send the equipment to our service address. We draw attention to the restrictions of this guarantee concerning wear parts, consumables and missing parts as presented in the service information included in this operating manual.

Warrantor/ Service:

Einhell UK Ltd, Unit 10, 1st Floor, Champion's Business Park, Arroe Brook Road, Upton, Wirral, CH49 0UQ