

# Einhell

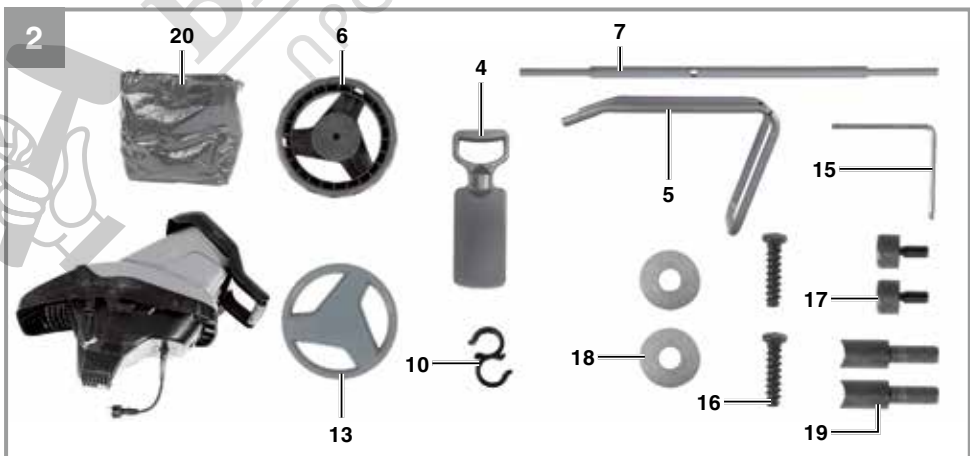
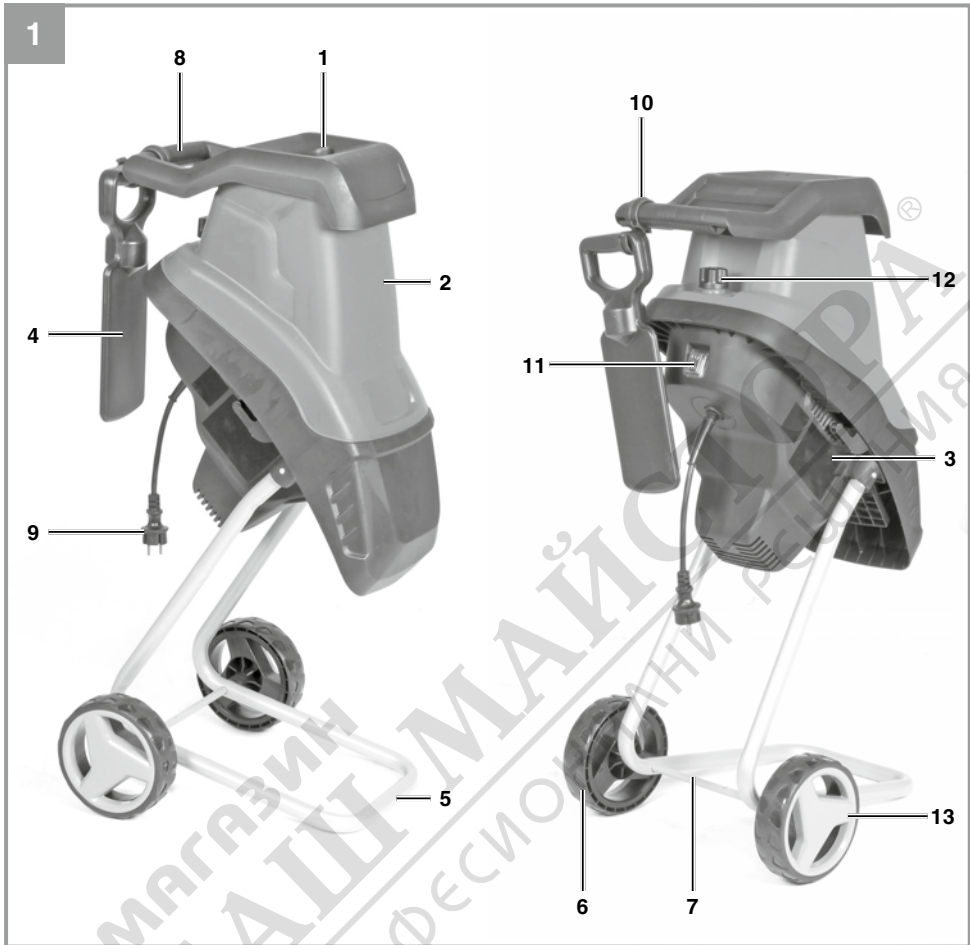
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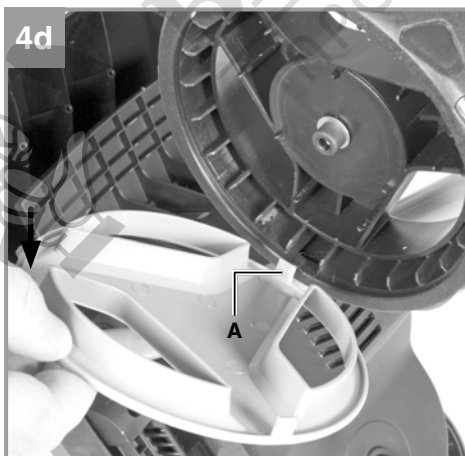
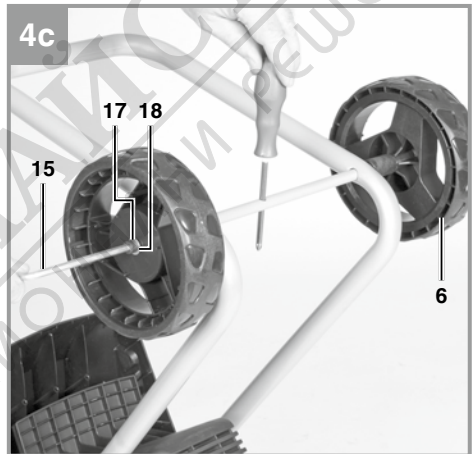
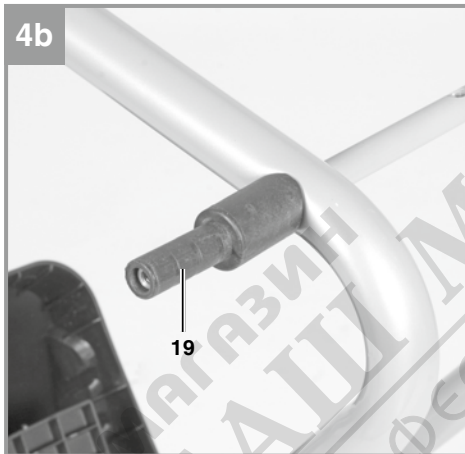
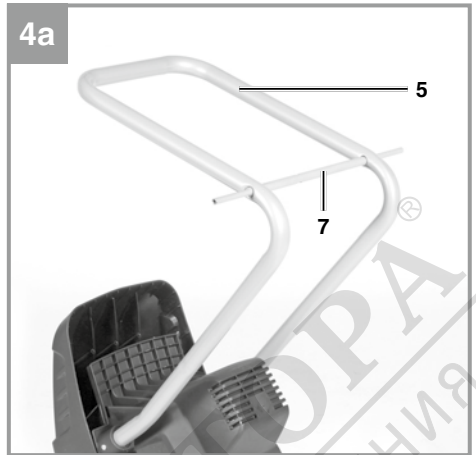
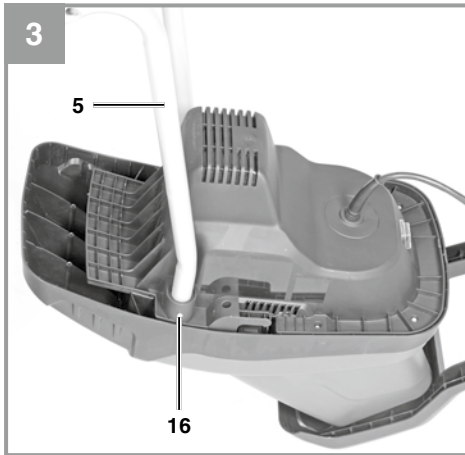
D	Originalbetriebsanleitung Gartenhäcksler	E	Manual de instrucciones original Biotrituradora eléctrica
GB	Original operating instructions Garden Shredder	FIN	Alkuperäiskäyttöohje Sähkökäyttöinen silppuri
F	Instructions d'origine Hacheuse a lames électrique	SLO	Originalna navodila za uporabo Električni rezalnik
I	Istruzioni per l'uso originali Trituratore elettrico	H	Eredeti használati utasítás Elektromos-késszecsészó
DK/ N	Original betjeningsvejledning El-dreven kompostkværn med skær	GR	Πρωτότυπες Οδηγίες χρήσης Ηλεκτρική μηχανή κλαδοτεμαχισμού
S	Original-bruksanvisning Elektrisk kompostkvarn		
CZ	Originální návod k obsluze Elektrický zahradní drtič nožový		
SK	Originálny návod na obsluhu Elektrický nožový drvič		
NL	Originele handleiding Elektrische meshakselaar		

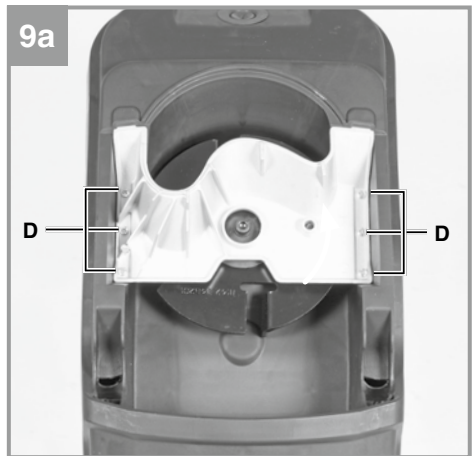
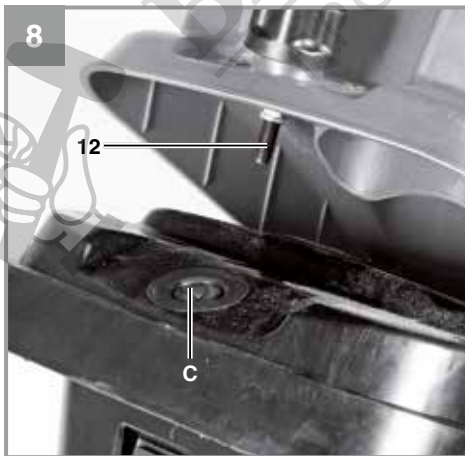
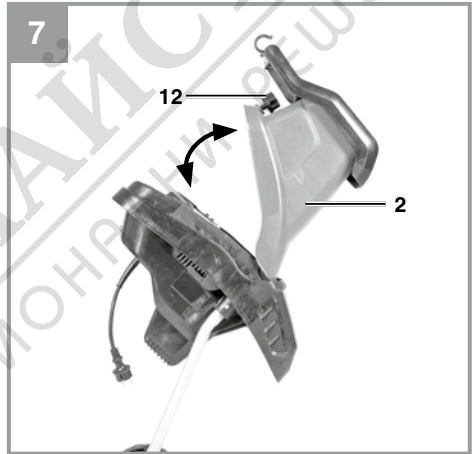
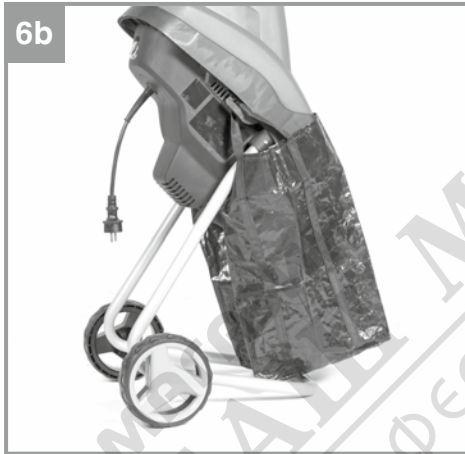
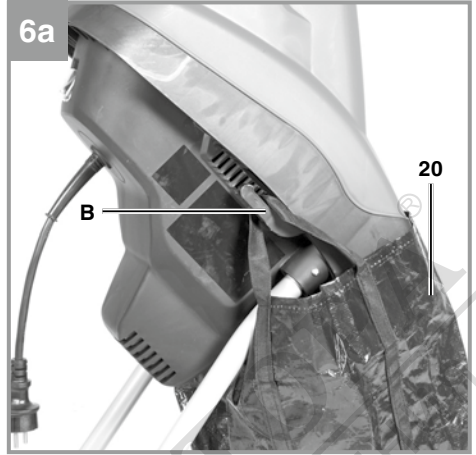
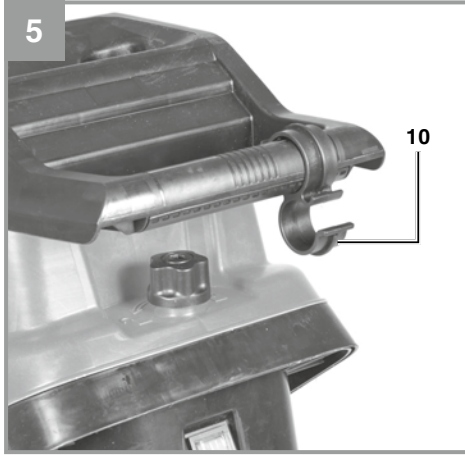


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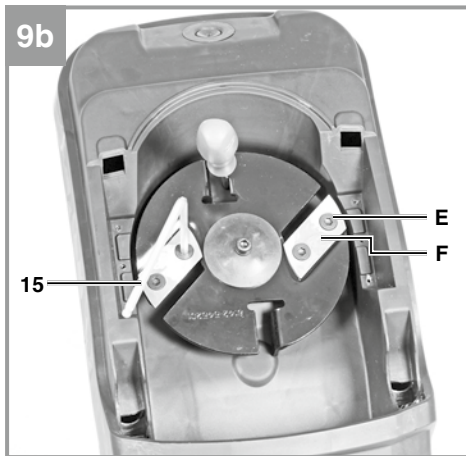
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9b



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6 		8 	9 	



**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.

**1. Safety regulations**

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

**Danger!****Read all safety regulations and instructions.**

Any errors made in following the safety regulations and instructions may result in an electric shock, fire and/or serious injury.

**Keep all safety regulations and instructions in a safe place for future use.****Explanation of the symbols used (see Fig. 10)**

1. Important! Read the operating instructions and follow the warnings and safety instructions
2. Danger - rotating cutters. Keep your hands and feet away from the openings when the machine is running.
3. Important! Keep other persons and animals away from the danger zone.
4. Important! Protect the machine from the damp and never expose it to rain.
5. Important! Always wear safety goggles, ear muffs, protective gloves and heavy-duty work clothes!
6. Switch off the machine and pull the power plug before making adjustments, cleaning the machine or if the cable is tangled or damaged.
7. Wait until all parts of the machine have come to a complete stop before touching them.
8. Protection class II; double-insulated
9. Noise emission complies with Directive 2000/14/EC!

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

- 1 Loading funnel inlet
- 2 Loading funnel
- 3 Motor housing with cutter plate
- 4 Prodder
- 5 Complete chassis
- 6 Wheels
- 7 Axle
- 8 Transport handle
- 9 Mains plug
- 10 Mounting for prodder
- 11 On/Off switch
- 12 Release screw
- 13 Wheel hubs
- 15 Hex-wrench
- 16 Screw for chassis assembly
17. Wheel fastening screw
18. Washer, outside
19. Sleeve
20. Shredded debris bag

**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!**

- Garden shredder
- Pusher
- Shredded debris bag
- Original operating instructions

- Safety instructions

### 3. Proper use

This electric garden refuse shredder is designed only for shredding organic garden waste. Place biologically degradable material, e.g. leaves, branches, dead flowers etc., into the loading funnel inlet.

Do not use the equipment for soft materials such as, e.g. kitchen waste, or for juicing fruit or vegetables, because these kinds of materials could clog the shredder and damage the equipment.

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

Mains voltage: ..... 220 - 240 V ~ 50 Hz  
 Power input: ..... 2500 W (P40)  
 ..... 2000 W (S1)  
 Branch diameter: ..... max. 40 mm  
 $L_{pA}$  sound pressure level: ..... 96,2 dB  
 K uncertainty ..... 3 dB (A)  
 $L_{WA}$  sound power level: ..... 106 dB  
 Weight: ..... 10,7 kg  
 Protection class: ..... II  
 Protection type: ..... IPX4

The product can be operated both in continuous mode with rated input power of 2,000 W and in intermittent mode with rated power input of 2,500 W (P40). (P40) means that each cycle of operation in intermittent mode is comprised of an on-load operation time of max. 40s and a no-load operation time of 60s.

### 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:**

- Risk of injury from entrapment if you reach into the loading chute;
- Risk of scratches, cuts or crush injuries if you work without wearing safety gloves;
- Risk of eye damage from parts being thrown out or whiplashing cuttings if you do not wear safety goggles;
- Risk of damage to hearing if no suitable ear protection is used.

### 5. Before starting the equipment

Before you connect the equipment to the mains supply make sure that the data on the rating plate are identical to the mains data.

#### Warning!

**Always pull the power plug before making adjustments to the equipment.**

The garden shredder is delivered unassembled. The chassis and the wheels must be fitted before use. Follow the operating instructions step-by-step and use the pictures provided as a visual guide to easily assemble the machine.

#### 5.1 Assembling the chassis (Fig. 3)

- Place the motor housing upside down on the floor.
- Insert the chassis (Item 5) into the provided openings as far as it will go.
- Secure the chassis, as shown in Fig. 3, using the screws (Item 16).

## 5.2 Assembling the axle and wheels (Figs. 4a-4e)

Mount the chassis as shown in Figs. 4a-4e.

- Insert the axle through the chassis
- Fit the sleeves on both sides
- Attach the wheels on both sides
- Insert a screwdriver through the holding hole on the axle and secure the wheels with the screws
- Fit the wheel caps to the wheels; make sure that the clips (A) on the wheel caps latch into the recesses on the wheels.

## 5.3 Fitting the prodder holder (Fig. 5)

Press the holder for the prodder (10) onto the transport handle as shown in Fig. 5.

## 5.4 Fitting the shredder debris bag (Fig. 6a-6b)

As an option you can fit the supplied shredder debris bag to the equipment. To do so, hang the shredder debris bag (Fig. 20) on the hooks provided for the purpose (Item B).

# 6. Operation

Please observe the statutory regulations governing noise abatement during operating times, which may differ from town to town.

## 6.1 Connecting up the machine and switching it on

- Connect the coupling on the equipment connection cable (extension) to the power cable (Fig. 1/Item 9). Be sure to observe the relevant information in the safety instructions.
- The machine can be switched ON (switch position "I") and OFF (switch position "0") using the ON/OFF switch (Figure 1/Item 11).

**Note:** The machine cannot be switched on if there is no voltage being supplied to it. If the power supply is interrupted, the machine will switch off automatically (switch position "0"). The machine cannot be switched on again until the voltage supply has been re-established and the ON/OFF switch has been moved to position "I".

## 6.2 Overload protection (motor circuit-breaker)

- The motor is protected from overloads by an overload switch.
- In case of overloading the equipment will shut down automatically. To restart, set the On/Off

switch to the position „I“.

- If the motor fails to start, clean the ejector chute.

## 6.3 Practical tips

- Be sure to observe the safety instructions (see supplied booklet).
- Wear work gloves, goggles and ear protection.
- The material is drawn into the shredder automatically. CAUTION! Long pieces of material projecting out of the funnel inlet may whiplash when it is drawn in – keep a safe distance between yourself and the machine.
- Judge the quantity of material which you put into the funnel inlet so that the funnel does not clog.
- If you want to shred withered, damp material that has been lying in the garden for several days, alternate between putting in this material and branches. This will help to prevent the loading funnel becoming clogged with material.
- Do not shred soft waste (e.g. kitchen waste) – put it straight in the compost box.
- Entangled branches and leaves should be thoroughly shredded before loading any more material.
- Do not allow the discharge opening to become clogged with shredded material – risk of pile-ups.
- Do not cover the ventilation slits.
- Do not place heavy material or thick branches into the machine continuously. This may cause the blade to jam.
- Use the prodder (Fig. 1/Item 4) to remove jammed objects from the funnel inlet, use a hook to remove jammed objects from the ejector opening.
- Swing open the loading funnel (Fig. 7/Item 2) by opening the release screw (Fig. 7/Item 12) and remove it. You can now remove blockages from the inside of the equipment. To assemble, proceed in reverse order.

**Important! Wear work gloves! Risk of injury from the cutters.**

## 6.4 Safety

The shredder has a safety switch (Fig. 8/Item C) in its interior on the motor housing. The control unit (release screw) (Fig. 8/Item 12) for it is located on the loading funnel.

If the loading hopping is not perfectly position or if it is not pressed against the motor housing, the safety switch will trip and prevent the motor from



working. If this situation occurs, open the loading funnel as described above. Carefully clean the interior. Close the loading funnel again as described above and ensure that when you switch on the machine again the loading funnel is correctly position and the safety screw is screwed right in.

**CAUTION!** NEVER undo the release screw (Figure 1/Item 12) without first switching off the machine at the ON/OFF switch (Figure 1/Item 11) and disconnecting the coupling on the machine connection cable (extension) from the machine plug.

## 7. Replacing the power cable

### Danger!

If the power cable for this equipment is damaged, it must be replaced by the manufacturer or its after-sales service or similarly trained personnel to avoid danger.

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

### Danger!

Always pull out the mains power plug before starting any cleaning work.

### 8.1 Maintenance and storage

- Clean the machine regularly. This will help to keep the machine in good working order and is the basis for a long working life.
- Keep the vent slots clean while you work.
- Clean the plastic body and other plastic parts with a mild household cleaning agent and a damp cloth. Do not use any aggressive agents or solvents for cleaning purposes. Never clean the shredder by spraying with water.
- Prevent water getting inside the machine at all cost.
- Check the chassis securing screws from time to time to ensure that they are tight.
- If you do not intend to use the shredder for a lengthy period, protect it from corrosion using environmentally friendly oil.
- Store the device in a dry room.
- Store the device out of reach of children.
- When you have finished your work, pull the loading funnel forwards and clean the inside. Use a brush to remove deposits from metal

parts on the inside. Apply a thin coating of oil to the cleaned blade plate and blades.

- When you close the loading funnel, make sure that the safety switch and the release screw are clean.

### 8.2 Replace, sharp and change blades

The blades on the blade plate are replaceable. If you have to replace any blade, you must only use genuine blades to ensure that they meet the relevant quality and safety criteria.

**Please note:** For safety reasons we recommend that you have all sharpening and blade replacement work carried out by a specialist workshop.

### Always wear heavy duty working gloves

- Swing open the loading funnel (Fig. 7/Item 2) by opening the release screw (Fig. 7/Item 12) and remove it.
- Undo the six Phillips screws (Fig. 9a/Item D) and remove the cover plate
- Secure the rotary disk so that it cannot rotate (for example by jamming it with a screwdriver, see Figure 9b)
- Undo the four blade screws (Fig. 9b/Item E) and remove the blades (Fig. 9b/Item F)
- Each of the blades can be turned once as they are ground sharp on both ends. Then they must be replaced by new blades.

To assemble, proceed in reverse order.

### 8.3 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.isc-gmbh.info](http://www.isc-gmbh.info)

Spare blade Art. No.: 34.059.30

## 9. 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.

## 10. Troubleshooting guide

Fault	Possible cause	Remedy
The machine does not work	<ul style="list-style-type: none"> <li>- No power at the plug</li> <li>- Machine is switched off</li> <li>- Overload switch has tripped</li> <li>- Ejector chute is blocked</li> <li>- Loading funnel is not secure on the motor housing</li> </ul>	<ul style="list-style-type: none"> <li>- Check the power cable and fuse</li> <li>- Switch on machine</li> <li>- Press control on overload switch</li> <li>- Clean ejector chute</li> <li>- Clean interior and tighten safety screw</li> </ul>
Shredding performance unsatisfactory	<ul style="list-style-type: none"> <li>- Blades worn</li> </ul>	<ul style="list-style-type: none"> <li>- Turn, sharpen or replace blades</li> </ul>



For EU countries only

Never place any electric power tools in your household refuse.

To comply with European Directive 2012/19/EC concerning old electric and electronic equipment and its implementation in national laws, old electric power tools have to be separated from other waste and disposed of in an environment-friendly fashion, e.g. by taking to a recycling depot.

Recycling alternative to the return request:

As an alternative to returning the equipment to the manufacturer, the owner of the electrical equipment must make sure that the equipment is properly disposed of if he no longer wants to keep the equipment. The old equipment can be returned to a suitable collection point that will dispose of the equipment in accordance with the national recycling and waste disposal regulations. This does not apply to any accessories or aids without electrical components supplied with the old equipment.

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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*	
Consumables*	Blade
Missing parts	

\* Not necessarily included in the scope of delivery!

In the event of defects or faults, please register the problem on the internet at [www.isc-gmbh.info](http://www.isc-gmbh.info). 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 your device 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 to consumers only, i.e. natural persons intending to use this product neither for their commercial activities nor for any other self-employed activities. These warranty terms regulate additional warranty services, which the manufacturer mentioned below promises to buyers of its new products in addition to their statutory rights of guarantee. Your statutory guarantee claims are not affected by this guarantee. Our guarantee is free of charge to you.
2. The warranty services cover only defects due to material or manufacturing faults on a product which you have bought from the manufacturer mentioned below and are limited to either the rectification of said defects on the product or the replacement of the product, whichever we prefer.  
Please note that our devices are not designed for use in commercial, trade or professional applications. A guarantee contract will not be created if the device has been used by commercial, trade or industrial business or has been exposed to similar stresses during the guarantee period.
3. The following are not covered by our guarantee:
  - Damage to the device caused by a failure to follow the assembly instructions or due to incorrect installation, a failure to follow the operating instructions (for example connecting it to an incorrect mains voltage or current type) or a failure to follow the maintenance and safety instructions or by exposing the device to abnormal environmental conditions or by lack of care and maintenance.
  - Damage to the device caused by abuse or incorrect use (for example overloading the device or the use of unapproved tools or accessories), ingress of foreign bodies into the device (such as sand, stones or dust, transport damage), the use of force or damage caused by external forces (for example by dropping it).
  - Damage to the device or parts of the device caused by normal or natural wear or tear or by normal use of the device.
4. The guarantee is valid for a period of 24 months starting from the purchase date of the device. Guarantee claims should be submitted before the end of the guarantee period 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 device 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 parts fitted. This also applies if an on-site service is used.
5. To make a claim under the guarantee, please register the defective device at: [www.isc-gmbh.info](http://www.isc-gmbh.info). Please keep your bill of purchase or other proof of purchase for the new device. Devices that are returned without proof of purchase or without a rating plate shall not be covered by the guarantee, because appropriate identification will not be possible. If the defect is covered by our guarantee, then the item in question will either be repaired immediately and returned to you or we will send you a new replacement.

Of course, we are also happy offer a chargeable repair service for any defects which are not covered by the scope of this guarantee or for units which are no longer covered. To take advantage of this service, please send the device to our service address.

Also refer to the restrictions of this warranty concerning wear parts, consumables and missing parts as set out in the service information in these operating instructions.