

**PARKSIDE**

**PTK 1700 A1**

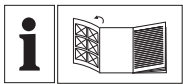


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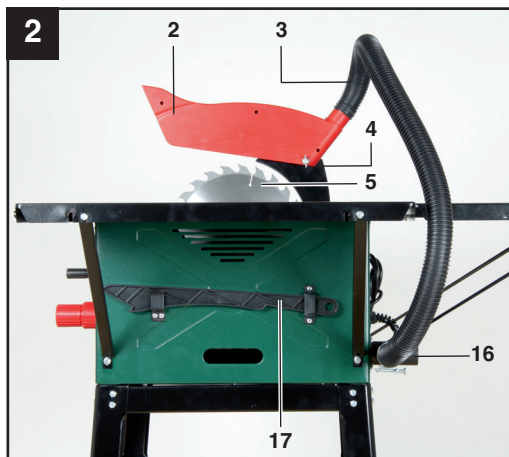
Operation and Safety Notes  
Original operating instructions

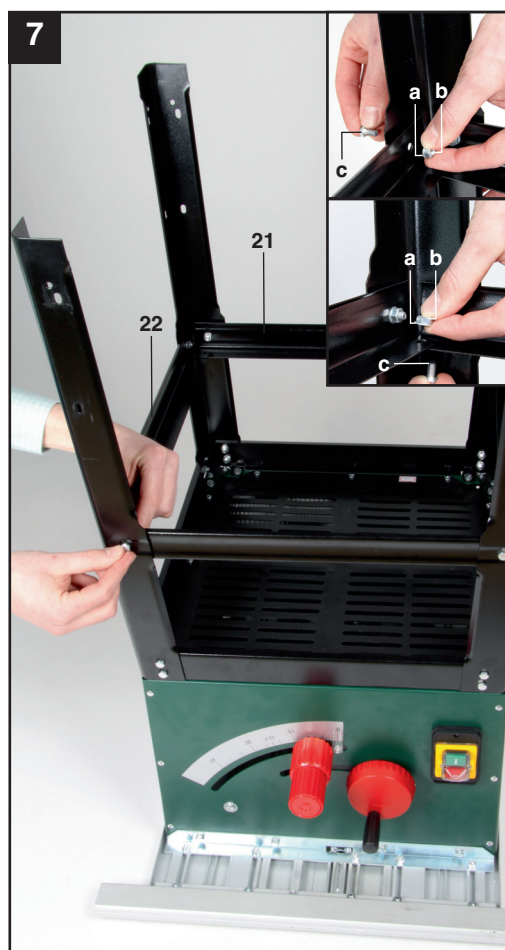
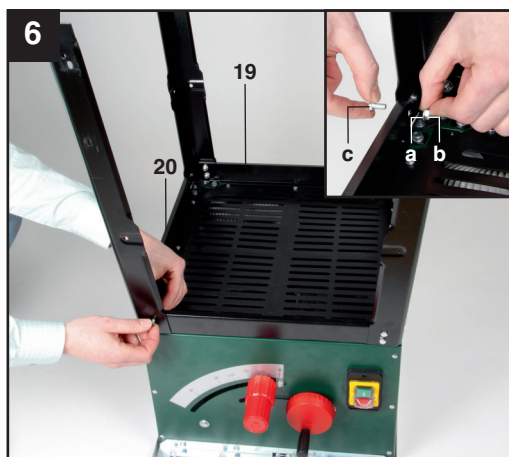
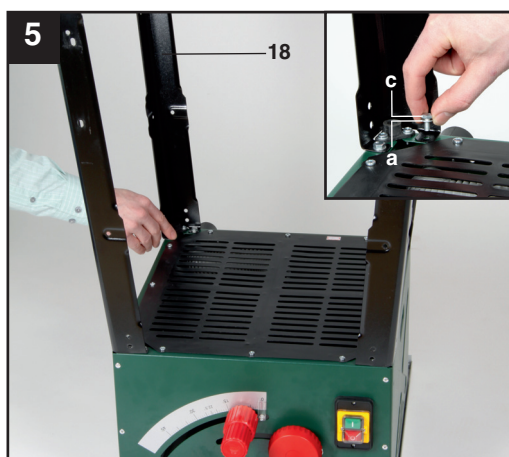
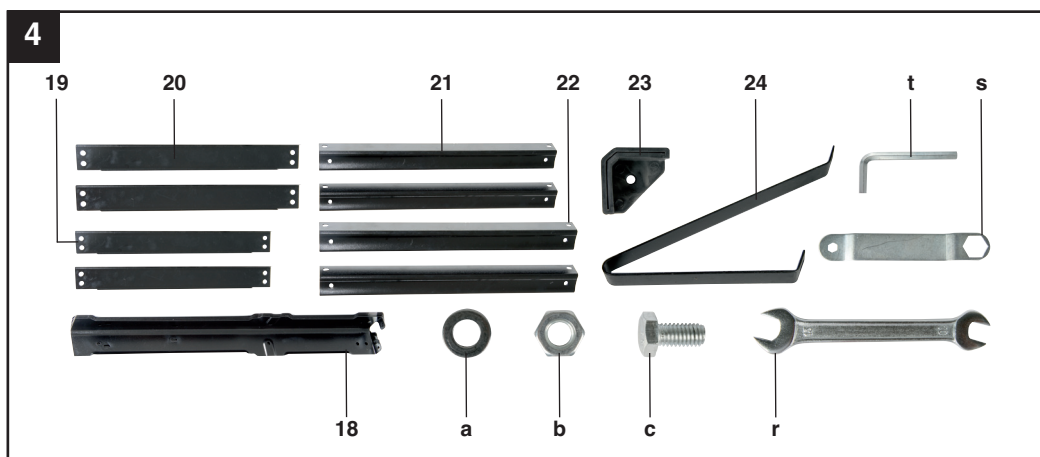
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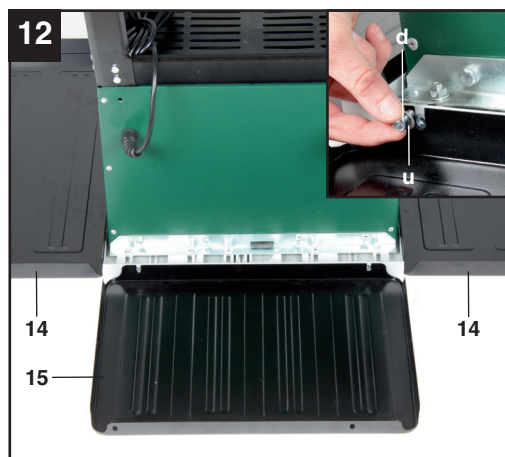
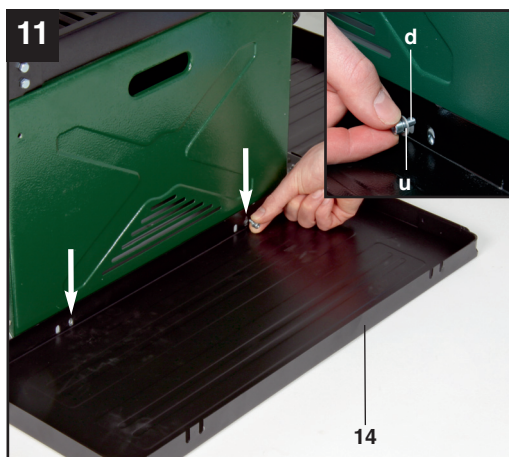
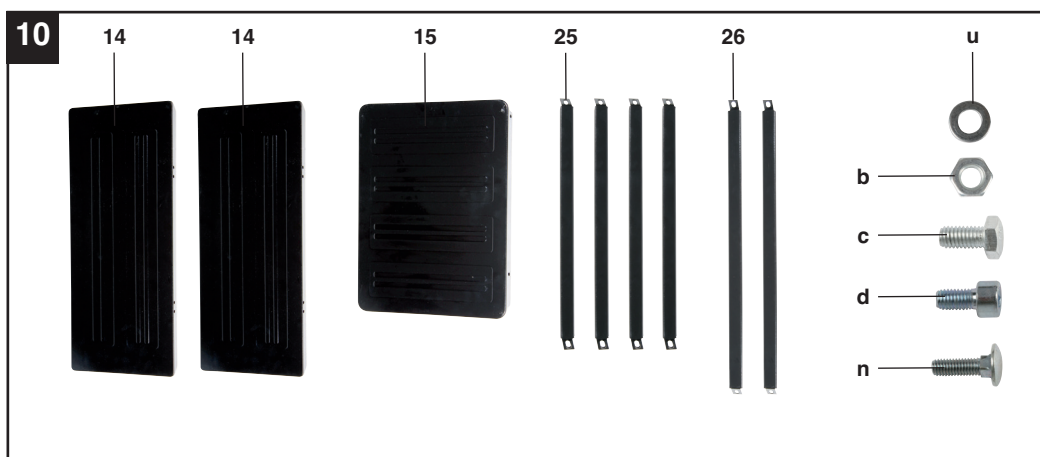
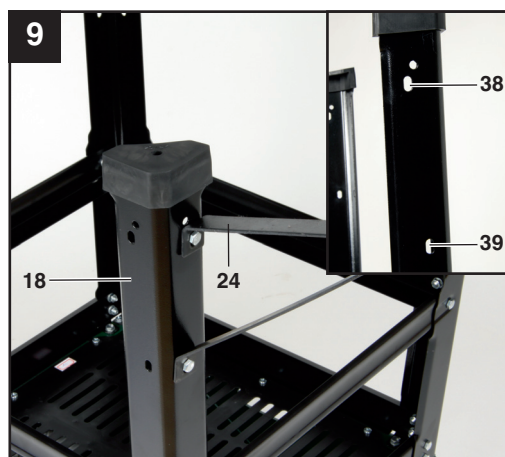
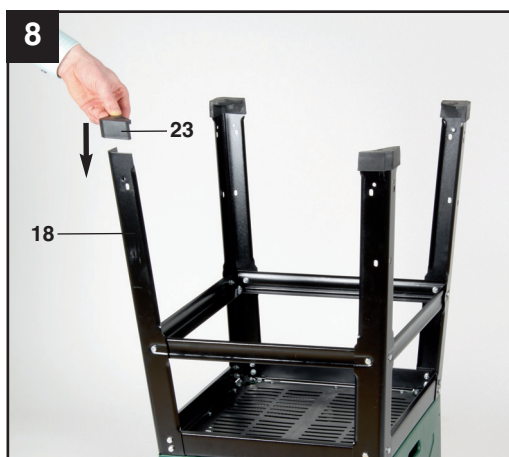
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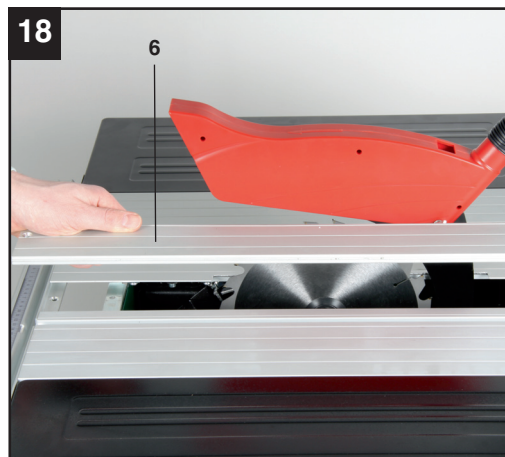
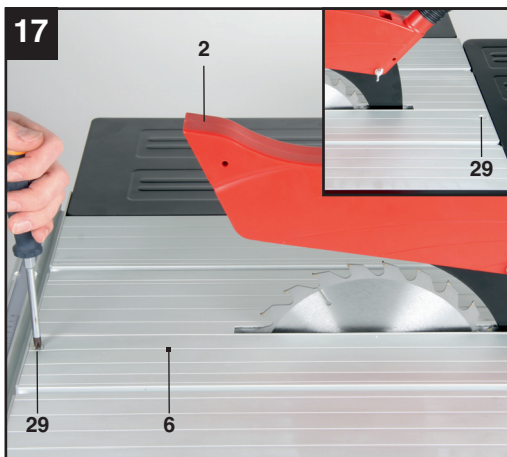
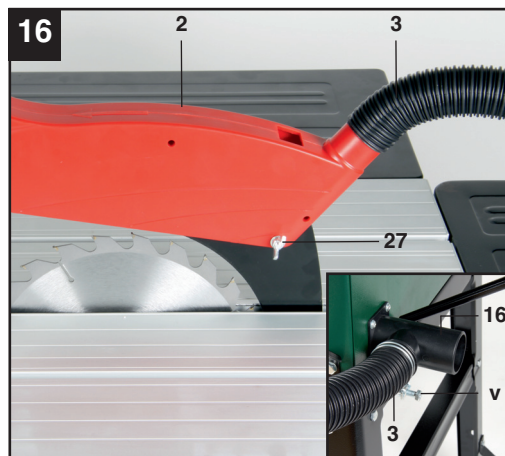
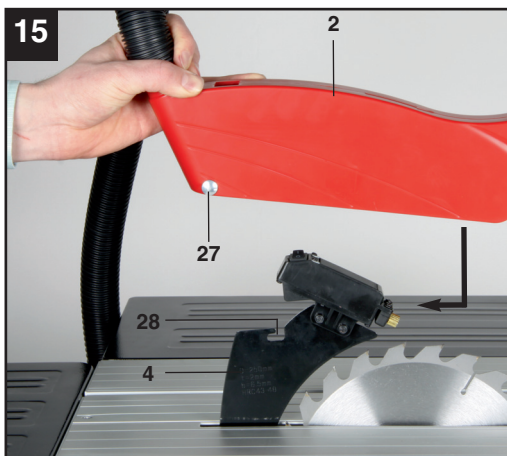
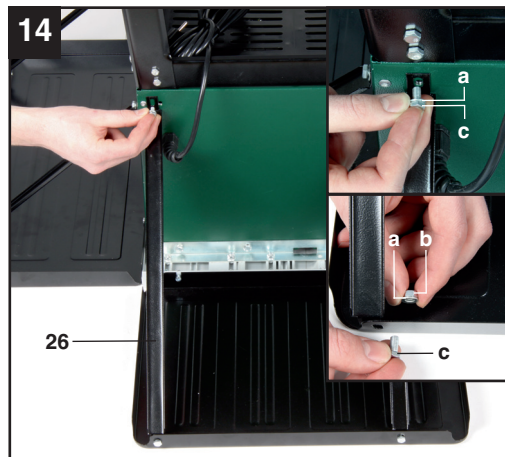
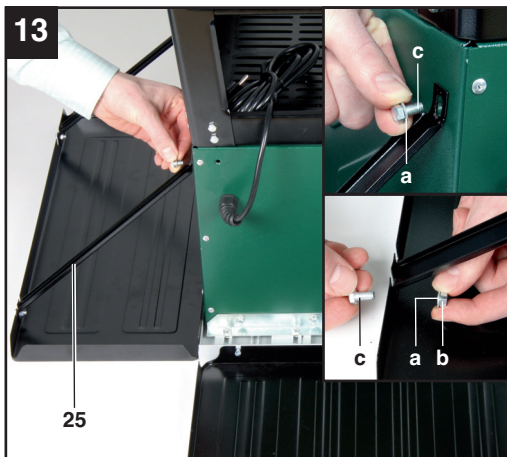
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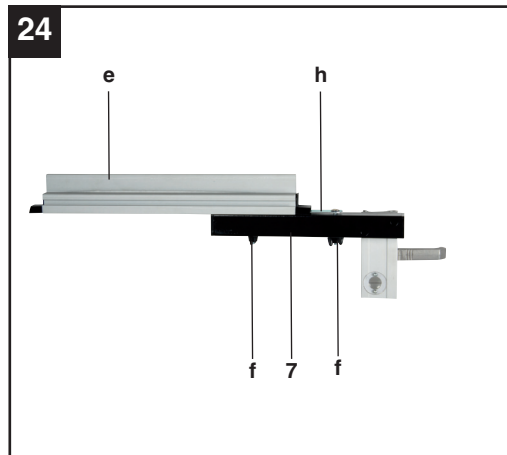
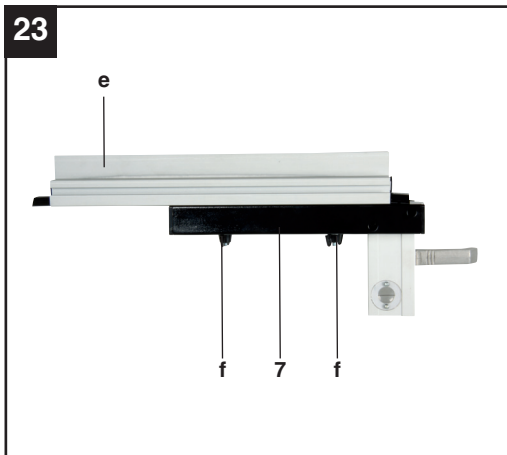
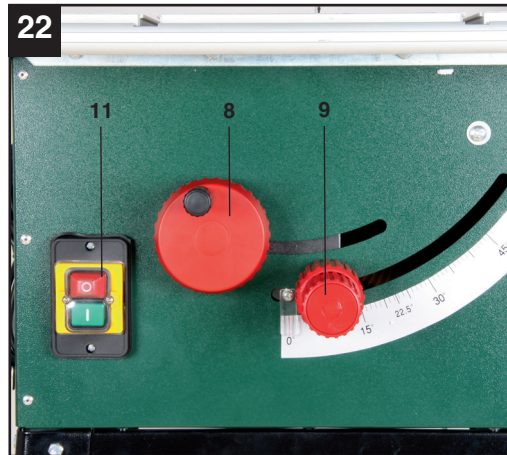
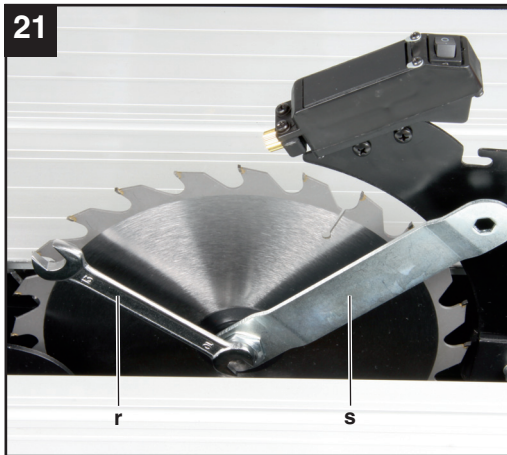
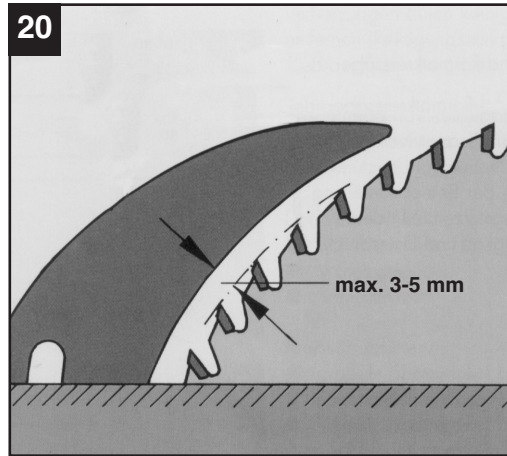
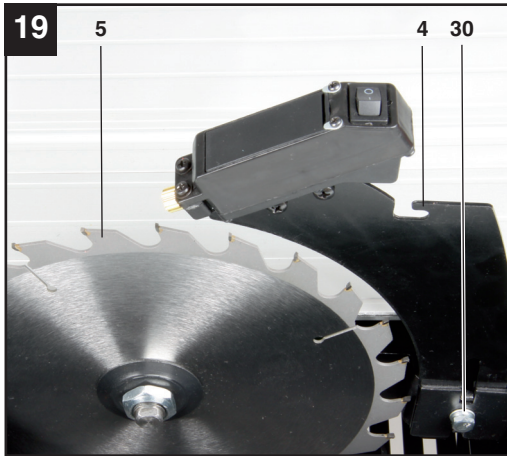




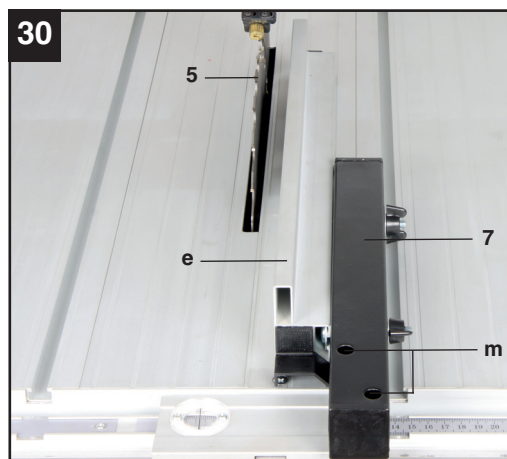
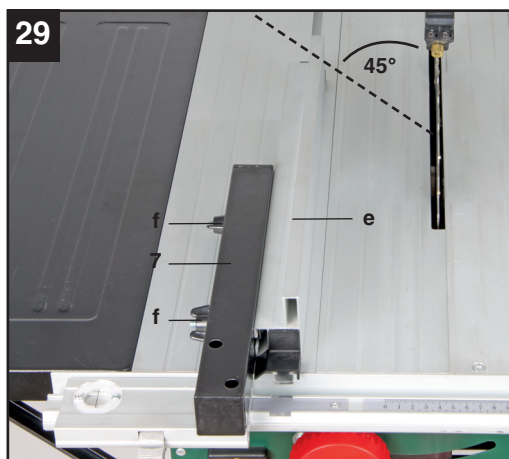
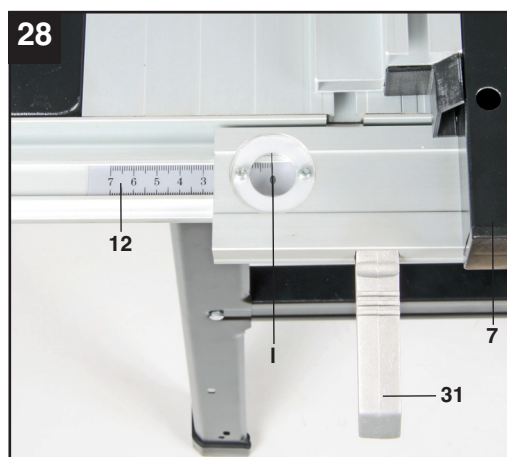
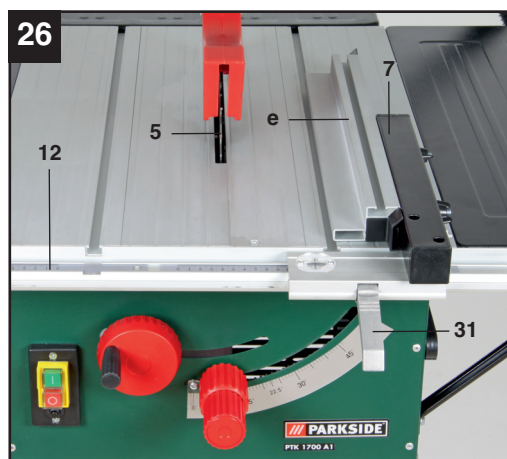
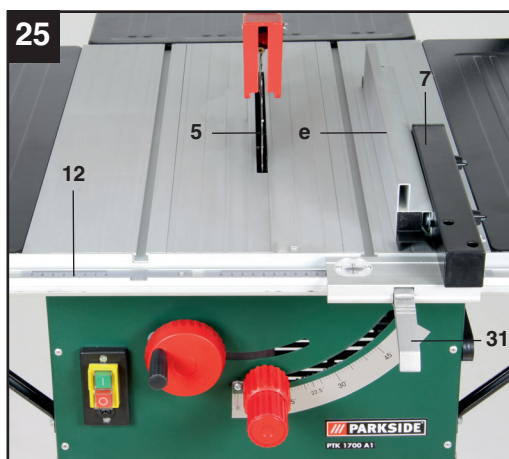




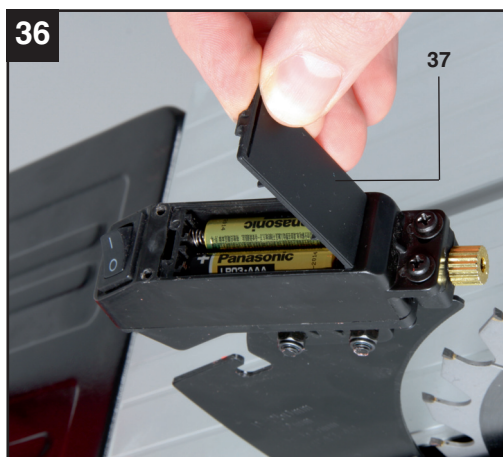
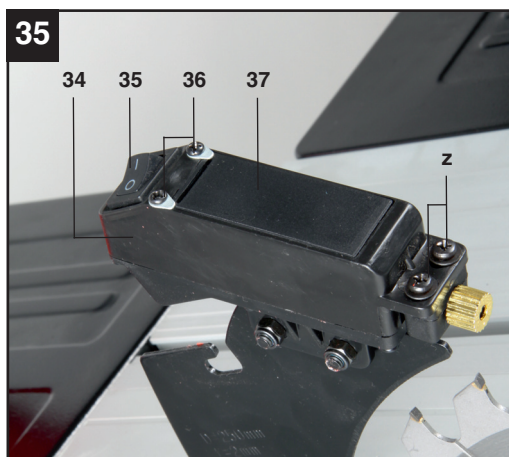
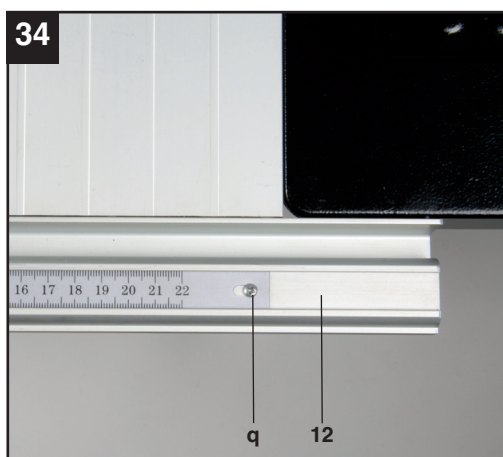
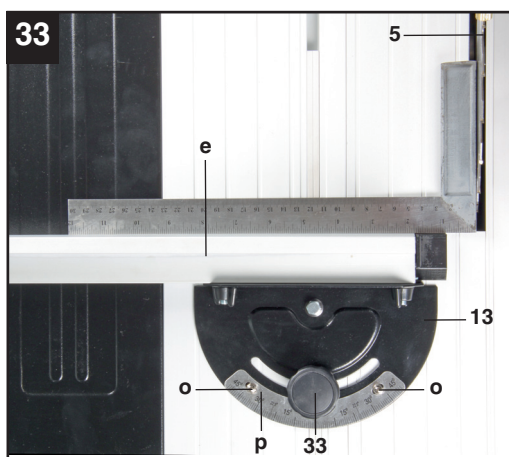
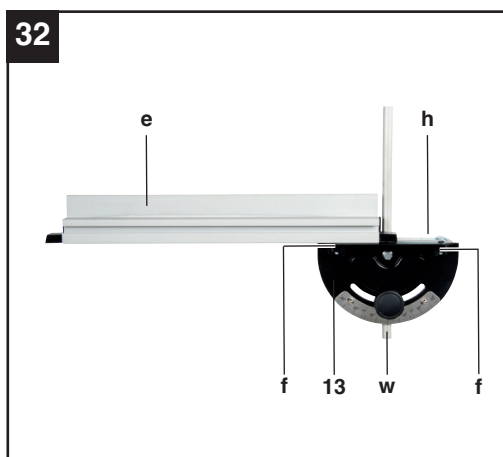
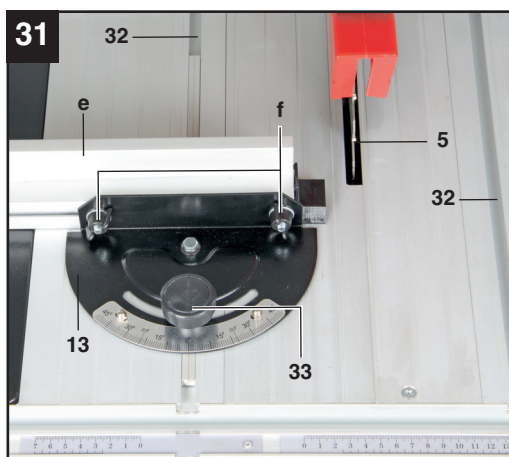


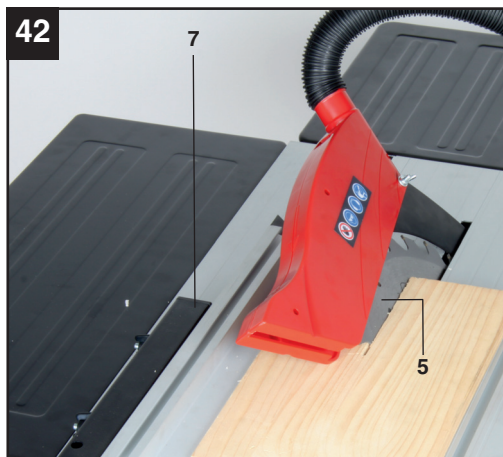
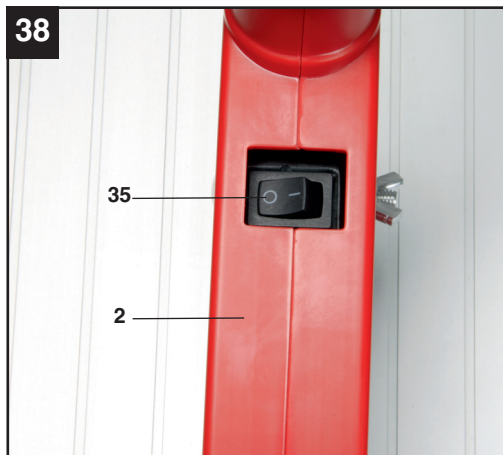














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Subject to technical changes



## Explanation of the symbols on the machine



“CAUTION - Read the operating instructions to reduce the risk of injury”



**Wear ear-muffs.**

The impact of noise can cause damage to hearing.



**Wear a breathing mask.**

Dust which is injurious to health can be generated when working on wood and other materials. Never use the tool to work on any materials containing asbestos!



**Wear safety goggles.**

Sparks generated during work or splinters, chips and dust emitted by the equipment can cause loss of sight.



**Wear gloves.**

You must wear gloves at all times when handling saw blades.



**Important. Risk of injury.**

Never reach into the running saw blade.

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## 1. Introduction

### Important.

When using the equipment, a few safety precautions must be observed to avoid injuries and damage. Please read the complete operating instructions and safety information with due care. Keep these operating instructions 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 the safety information as well. We cannot accept any liability for damage or accidents which arise due to a failure to follow these instructions and the safety information.

## 2. Safety information

### CAUTION

**Read all the safety information and instructions.** Any errors made in following the safety information and instructions may result in an electric shock, fire and/or serious injury. **Keep all safety information and instructions in a safe place for future use.**

### 2.1 General safety information on electric power tools

**Important. The following safety precautions must be taken when using electric power tools in order to protect the user from electric shocks and the risk of injury and fire. Read and follow these instructions before using the equipment.**

1. **Keep your work area tidy**  
Untidy work areas can result in accidents.
2. **Check the ambient conditions**  
Do not expose electric tools to rain. Never use electric power tools in damp or wet locations. Provide good lighting. Do not use electric power tools near flammable liquids or gases.
3. **Protect yourself against electric shocks**  
Avoid bodily contact with earthed parts, e.g. pipes, radiators, cookers and refrigerators.

4. **Keep children away**  
Do not allow other persons to touch the tool or cable, keep them away from your work area.
5. **Keep your electric power tools in a safe place**  
Unused tools must be stored in a dry, locked room out of children's reach.
6. **Do not overload your tools**  
They will work better and more safely within their specified capacity range.
7. **Use the right tools**  
Do not use tools or attachments which are too weak for heavy duty work. Never use tools on jobs for which they are not intended; for example, do not use a hand-held circular saw to fell trees or lop off branches.
8. **Wear suitable work clothes**  
Never wear loose fittings clothes or jewelry. They may get caught in moving parts. Rubber gloves and non-slip shoes are recommended when working outdoors. Wear a hair net if you have long hair.
9. **Wear safety goggles**  
Use a dust mask when working on dusty jobs.
10. **Do not use the cable for purposes other than that for which it is designed.**  
Do not carry the equipment by the cable and do not use the cable to pull the plug out of the socket. Protect the cable from heat, oil and sharp edges.
11. **Secure the workpiece**  
Use clamps or a vise to secure the workpiece. This is safer than using your hand and also enables you to operate the machine with both hands.
12. **Do not overstretch**  
Avoid abnormal working postures. Make sure you stand squarely and keep your balance at all times.
13. **Take care of your tools**  
Keep your tools sharp and clean in order to work well and safely. Follow the maintenance information and the instructions for changing tools. Check the power plug and cable on a regular basis and have them replaced by an authorized specialist if they are damaged. Check the

extension cable regularly and replace it if damaged. Keep handles dry and free from oil and grease.

**14. Pull out the power plug**

When tools are not in use, before starting any maintenance work or when changing attachments such as saw blades, drill bits and all kinds of mounted tools.

**15. Always remove keys and wrenches after use**

Always check that keys, wrenches and other adjusting tools have been removed before you switch on the equipment.

**16. Avoid unintentional starting**

Never carry a tool with your finger on the switch button while the tool is connected to the power supply. Make sure that the switch is turned off when connecting the tool to the power supply.

**17. When using an extension cable outdoors**

Check that it is approved for outdoor duty and is marked accordingly.

**18. Be alert at all times**

Watch what you are doing. Use common sense when working. Never use the tool when you are distracted.

**19. Check your tool for damage**

Before using the tool again, check the safety devices or any slightly damaged parts to ensure that they are in good working order. Check that the moving parts are working correctly, that they do not jam, and that no parts are damaged. Make sure that all parts are fitted correctly to ensure that the equipment remains safe to use. Unless otherwise stated in the operating instructions, damaged guards and parts have to be repaired or replaced by a customer service workshop. Damaged switches have to be replaced by a customer service workshop. Never use an electric power tool with a switch that cannot be turned on and off.

**20. Important.**

For your own safety you must only use the accessories and additional units listed in the operating instructions or recommended or specified by the manufacturer. The use of mounted tools or accessories other than

those recommended in the operating instructions or catalog may place your personal safety at risk.

**21. Repairs may only be carried out by a qualified electrician**

This electric power tool complies with the pertinent safety information. Repair work must only be carried out by a trained electrician, otherwise the equipment may cause accidents.

**22. Connect up the dust extraction system**

If there are provisions for connecting up a dust extraction system, make sure that such a system is fitted and in use.

## 2.2 Special safety information

### 2.2.1 Safety precautions

- Blades that are deformed or cracked must not be used.
- Change a worn out table insert.
- Use only blades which are recommended by the manufacturer and comply with EN 847-1. When changing the blade, make sure that the cutting width is not smaller and the saw plate not bigger than the thickness of the splitter.
- Make sure that the chosen blade is suitable for the material that is to be cut.
- If necessary, wear suitable personal protection equipment. This could consist of:
  - Ear-muffs to reduce the risk of damaging your hearing
  - A breathing mask to reduce the risk of inhaling hazardous dust
  - Always wear gloves when handling saw blades and rough materials.
 Whenever practicable, saw blades must be carried in a container.
- Circular saws have to be connected to a dust collecting device when used to saw wood. The following can have an influence on dust development:
  - Worn, damaged or cracked saw blades
  - Recommended capacity of the vacuum extraction system: 20 m/s
  - Proper guidance of the workpiece
- Blades made of high-alloy high-speed steel (HSS) must not be used.
- Keep the push stick or handle for a push

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block at the machine at all times, even when you are not using them.

### 2.2.2 Safety information on the laser



**Important:**  
**Laser radiation**  
**Do not look into the beam**  
**Laser class 2**

**Achtung**  
**Laserstrahlung**  
**Nicht in den Strahl blicken!**

Laserspezifikation  
nach EN 60825-1  
Laser Klasse 2 RLM-08  
λ: 650 nm P: ≤ 1 mW

Protect yourself and your environment from accidents by taking the appropriate precautionary measures.

- Do not look directly into the laser beam with the naked eye.
- Never look directly into the laser path.
- Never direct the laser beam at reflecting surfaces or persons or animals. Even a low output laser beam can inflict injury on the eye.
- Caution: It is vital to follow the work procedures described in these instructions. Using the equipment in any other way may result in hazardous exposure to laser radiation or radioactive contamination.
- Never open the laser module.

### 2.2.3 Safety information on the batteries

Use of the batteries

- Ensure that the ON/OFF switch for the laser (35) is set to its "0" position before you fit the batteries.
- Inserting the batteries when the laser is switched on can cause accidents.
- If the equipment is not used correctly the batteries may leak. Avoid contact with the battery fluid. If you come into contact with battery fluid, clean the affected body part with running water. If you get battery fluid in your eyes, seek immediate medical assistance.

- Leaked battery fluid can cause skin irritation and acid burns.
- Never expose the batteries to excess heat such as sunshine, fire or similar.
- Never recharge batteries that are not suitable for recharging. There is a risk of explosion!
- Keep batteries away from children, do not short circuit batteries or disassemble.
- Seek a doctor's advice immediately if a battery is swallowed.
- If necessary, clean the contacts on the battery and equipment before inserting the batteries.
- Ensure that you insert the batteries the right way round.
- Remove flat batteries immediately from the equipment. There is an increased risk of leakage.
- Always change all batteries in one go.
- Insert only batteries of the same type, do not use different types of batteries or used and new batteries together.
- Make sure that the equipment is switched off after use.
- Remove the batteries if the equipment is not used over a longer period.

### 2.2.4 Maintenance and service

- The following conditions can have an influence on noise impact on the operator:
  - Type of saw blade (e.g. saw blades designed to reduce noise development)
  - Material of the workpiece
  - The force with which the workpiece is pushed against the saw blade
- Faults on the machine or its guards, safety devices and blade must be reported to the person in charge of safety as soon as they are discovered.

### 2.2.5 Safe operation

- Use a push stick or the handle with a push block to feed the workpiece safely past the saw blade.
- Use the splitter and set it correctly.
- Use the upper blade guard and set it to the correct position.
- Do not cut rebates or grooves without fitting a suitable guard, e.g. a tunnel-type guard,



over the saw table.

- Circular saws must not be used for slotting jobs (cutting grooves which end in the workpiece).
- Use only blades whose permissible maximum speed is not lower than the maximum spindle speed of the bench-type circular saw and of the material to be cut.
- Use only the transport devices to move the equipment. Never use the guards for handling or moving the equipment.
- While you are moving the machine it is best to cover the top part of the blade, e.g. with the guard.
- Secure long workpieces against falling off at the end of the cut (e.g. with a roller stand etc.)

### 2.2.6 Additional instructions

- Give these safety instructions to all persons who work on the machine.
- Do not use this saw to cut fire wood.
- Do not use this saw to cross-cut roundwood.
- Caution! Hands and fingers may be injured on the rotating saw blade.
- The machine is equipped with a safety switch to prevent it from being switched on again accidentally after a power failure.
- Before you use the machine for the first time, check that the voltage marked on the rating plate is the same as your supply voltage.
- If you need to use an extension cable, make sure its conductor cross-section is big enough for the saw's power consumption. Minimum cross-section: 1 mm<sup>2</sup>.
- If you use a cable reel, the complete cable must be pulled off the reel.
- Check the power cable. Never use a faulty or damaged power cable.
- Operators have to be at least 18 years of age. Trainees of at least 16 years of age are allowed to use the machine under supervision.
- Keep your workplace clean of wood scrap and any unnecessary objects.
- Persons working on the machine should not be distracted.
- Note the direction of rotation of the motor

and saw blade.

- After you have switched off the motor, never slow down the saw blade by applying pressure to its side.
- Only fit blades which are well sharpened and have no cracks or deformations.
- Never dismantle the machine's safety devices or render them inoperative.
- Faulty saw blades must be replaced immediately.
- Never use saw blades which do not comply with the data specified in these operating instructions.
- It is imperative to make sure that all devices which cover the saw blade are in good working order.
- **Important:** It is prohibited to use this saw to make plunge cuts.
- Damaged or faulty safety devices have to be replaced immediately.
- The splitter is an important safety device. Not only does it guide the workpiece, it also prevents the kerf closing behind the blade so that there is no kickback from the workpiece. Note the thickness of the splitter. The splitter should never be thinner than the saw blade body or thicker than the width of its kerf.
- The guard hood has to be lowered over the workpiece for each cut.
- Be sure to use a push stick when slitting narrow workpieces (smaller than 120 mm in width).
- Never cut workpieces which are too small to hold securely in your hand.
- It is imperative for the parallel stop to be clamped on the right-hand side of the blade whenever you cut narrow workpieces to size.
- Always stand to the side of the saw blade when working with the saw.
- Never load the machine so much that it cuts out.
- Always press the workpiece firmly against the saw table.
- Make sure that off-cuts do not catch on the saw blade crown. Risk of catapulting!
- Refit all guards and safety devices immediately after you have completed any repairs or maintenance work.

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- Be sure to observe the safety information and operating and maintenance instructions issued by the manufacturer, as well as the dimensions listed in the Technical Data.
- It is imperative to observe the accident prevention regulations in force in your area as well as all other generally recognized rules of safety.
- Note the information published by your professional associations.
- Connect up the dust extraction system on all jobs. The operator has to be informed about the conditions with an influence on dust development, e.g. the type of material being processed (source and collection of the dust), the significance of local separation arrangements, and the correct setting of hoods, baffle plates and guides.
- Operate the saw only with a suitable vacuum extraction system or a standard industrial vacuum cleaner.
- Never remove loose splinters, chips or jammed pieces of wood when the saw blade is running.
- To rectify faults or remove jammed pieces of wood, always switch off the machine first. Pull out the power plug!
- If the sawing gap is worn, replace the table insert. - Pull out the power plug!
- This electric tool complies with the pertinent safety regulations.
- Keep your work area clean and tidy. Untidy and unlit work areas can result in accidents.
- Keep the tool out of the rain and away from moisture. The ingress of water into an electric power tool increases the risk of an electric shock.
- Be careful, watch what you are doing and use an electric tool sensibly. Never use the tool if you are tired or under the influence of drugs, alcohol or medication. A moment of inattention when using the electric tool can result in serious injuries.
- Do not use an electric power tool if the switch is defective. An electric power tool that cannot be switched on or off is dangerous and must be repaired.
- Keep unused electric tools out of the reach of children. Do not allow people who are not familiar with the tool or who have not read these instructions to use the tool. Electric tools are dangerous if they are used by inexperienced people.
- Keep your cutting tools sharp and clean. Carefully maintained cutting tools with sharp cutting edges will jam less and are easier to control.
- If the connection lead on the electric tool is damaged, it must be replaced by a specially prepared connection lead available from our customer service organization.
- Have your tool repaired only by trained personnel using only genuine spare parts. This will ensure that your tool remains safe to use.
- The equipment has to be set up where it can stand securely.
- All covers and safety devices have to be properly fitted before the equipment is switched on.
- It must be possible for the blade to run freely.
- When working with wood that has been processed before, watch out for foreign bodies such as nails or screws etc.
- Before you actuate the On/Off switch, make sure that the saw blade is correctly fitted and that the equipment's moving parts run smoothly.
- Use clamps to stop the workpiece slipping. This is safer than using your hand.
- Follow the instructions for lubrication and changing tools.
- Keep handles dry, clean and free from oil and grease.
- Keep the push stick or handle for a push block at the machine at all times, even when you are not using them.
- Do not cut rebates or grooves without fitting a suitable guard, e.g. a tunnel-type guard, over the saw table.
- While you are moving the machine it is best to cover the top part of the blade, for example using a guard.
- Use only the transport handles punched into both sides of the housing for transporting the equipment.
- Never use the safety devices for handling or transporting purposes.

**Please keep these safety instructions in a safe place**

### 3. Layout

1. Saw bench
2. Saw blade guard
3. Extraction hose
4. Splitter
5. Saw blade
6. Table insert
7. Parallel stop
8. Hand wheel
9. Adjusting and locking grip
10. Base frame
11. ON/OFF switch
12. Chain bar
13. Cross stop
14. Bench width extension
15. Bench length extension
16. Extractor adapter
17. Push stick
18. Legs
19. Cross struts
20. Longitudinal struts
21. Center struts, short
22. Center struts, long
23. Rubber legs
24. Stability bar
25. Table support, short
26. Table support, long
27. Screw with wing nut
28. Oval hole in splitter
29. Countersunk head screws
30. Fixing screw
31. Eccentric lever
32. Groove
33. Knurled screw
34. Laser
35. Laser switch
36. Screws for battery compartment
37. Battery cover
38. /39. Fixing points

### 4. Items supplied

- 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.

#### IMPORTANT

**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!**

- Original operating instructions
- Saw table to preassembled, carbide-tipped saw blade with 24 teeth
- Carbide-tipped saw blade with 48 teeth
- Saw blade guard
- Extraction hose
- Splitter with laser
- Batteries 1.5 V AAA (2x)
- Parallel stop
- Stop rail
- Cross stop
- Table width extension (2x)
- Table length extension
- Push stick
- Legs (4x)
- Cross struts (2x)
- Longitudinal struts (2x)
- Center struts, short (2x)
- Center struts, long (2x)
- Rubber feet (4x)
- Stability bar (2x)
- Table support, short (4x)
- Table support, long (2x)

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- a) Washer M6 (52x)
- b) Nut (38x)
- c) Hex screw (52x)
- d) Allen screw (6x)
- n) Lock bolt (2x)
- u) Washer M5 (6x)
- v) Retaining clip

**Tools**

- r) Open-ended wrench, size 10/13
- s) Ring wrench, size 10/24
- t) Allen key, size 4mm

**5. Intended use**

The bench-type circular saw is designed for the slitting and cross-cutting (only with the cross stop) of all types of timber commensurate with the machine's size. The equipment is **not** to be used for cutting any type of round wood.

The equipment may only be used for the tasks it is designed to handle. 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 equipment is used in commercial, trade or industrial businesses or for equivalent purposes.

The equipment is to be operated only with suitable saw blades (saw blades made of HM or CV). It is prohibited to use any type of HSS saw blade and cutting-off wheel. To use the equipment properly you must also observe the safety information, the assembly instructions and the operating instructions to be found in these operating instructions.

All persons who use and service the equipment have to be acquainted with these operating instructions and must be informed about the

equipment's potential hazards. It is also imperative to observe the accident prevention regulations in force in your area. The same applies for the general rules of health and safety at work. The manufacturer will not be liable for any changes made to the equipment nor for any damage resulting from such changes. Even when the equipment is used as prescribed it is still impossible to eliminate certain residual risk factors. The following hazards may arise in connection with the equipment's construction and design:

- Contact with the saw blade in the uncovered saw zone.
- Reaching into the running saw blade (cut injuries).
- Kick-back of workpieces and parts of workpieces.
- Saw blade fracturing.
- Catapulting of faulty carbide tips from the saw blade.
- Damage to hearing if ear-muffs are not used as necessary.
- Harmful emissions of wood dust when used in closed rooms.

**6. Technical data**

AC motor	230-240 V ~ 50Hz
Power P	S6 40% 1700 W
Idle speed $n_0$	6500 min <sup>-1</sup>
Carbide saw blade	Ø 250 x Ø 30
Number of teeth	24/48
Bench size	610 x 445 mm
Table width extension, left/right	608 x 250 mm
Table length extension, rear	435 x 320 mm
Cutting height max.	73 mm / 90° 63 mm / 45°
Infinite height adjustment	0 - 73 mm
Infinitely adjustable saw blade angle	0° - 45°
Dust extraction connector approx. diameter	36 mm
Weight with base frame, incl. all removable parts	approx. 28.5 kg



**Operating mode S6**

Rated operating period/rated idle period (4 min. on/6 min off)

To prevent the motor from overheating, only use the bench-type circular saw as follows:

After an operating period of 4 minutes (S 6 = 40%) under the permitted load, you must interrupt your work for a period of 6 minutes in which the machine can run idle.

**Noise emission values**

The noise emission values were measured in accordance with EN 61029.

	Idle speed
$L_{pA}$ sound pressure level	101.0 dB(A)
$K_{pA}$ uncertainty	3 dB
$L_{WA}$ sound power level	111.0 dB(A)
$K_{WA}$ uncertainty	3 dB

**Wear ear-muffs.**

The impact of noise can cause damage to hearing.

The quoted values are emission values and not necessarily reliable workplace values. Although there is a correlation between emission and immission levels it is impossible to draw any certain conclusions as to the need for additional precautions. Factors with a potential influence on the actual immission level at the workplace include the duration of impact, the type of room, and other sources of noise etc., e.g. the number of machines and other neighboring operations. Reliable workplace values may also vary from country to country. With this information the user should at least be able to make a better assessment of the dangers and risks involved.

**Reduce noise generation and vibration to a minimum!**

- Use only equipment that is in perfect condition.
- Maintain and clean the equipment regularly.
- Adopt your way of working to the equipment.
- Do not overload the equipment.
- Have the equipment checked if necessary.
- Switch off the equipment when not in use.

**7. Before starting the equipment**

- Before you connect the equipment to the power supply make sure that the data on the rating plate are identical to the supply voltage.
- Only ever connect the equipment to a properly installed shock-proof socket which is protected by a 10A fuse as a minimum.
- Always pull out the power plug before making adjustments to the equipment.
- Unpack the bench-type circular saw and check it for damage which may have occurred in transit.
- Make sure the machine stands securely, i.e. bolt it to a workbench or solid base.
- All covers and safety devices have to be properly fitted before the equipment is switched on.
- It must be possible for the blade to run freely.
- When working with wood that has been processed before, watch out for foreign bodies such as nails or screws, etc.
- Before you actuate the On/Off switch, make sure that the saw blade is correctly fitted and that the equipment's moving parts run smoothly.

## 8. Assembly

**Important. Pull out the power plug before carrying out any maintenance, resetting or assembly work on the circular saw!**

### 8.1 Assembling the base frame (Fig. 4-9)

- Turn the saw upside down and place it on the floor.
- Use hex screws (c) and washers (a) to fasten the four legs (18) loosely to the saw (Figure 5).
- Now loosely screw the longitudinal struts (20), the cross struts (19) as well as the four center struts (21, 22) to the legs using the hex screws (c), washers (a) and nuts (b) (Fig. 6-7)
- Be sure to secure the hex screws (c) and nuts (b) only loosely.

**Important:** The longer struts have to be used on the sides.

- Now mount the four rubber feet (23) on the legs (Figure 8).
- Screw the stability bars (24) to the bore holes on the rear legs using 2 hex screws (c), washers (a) and nuts (b) on each side. (Figure 9)

**Important.**

**Both stability bars must be fastened at the mounting points 38 and 39 at the rear of the machine.**

- Finally, tighten all screws and nuts on the base frame.

### 8.2 Fitting the table width extension and length extension (Fig. 10-14)

- Loosely fasten the table width extension (14) and length extension (15) to the saw table (1) using the Allen screws (d) and the washers (u) (Fig. 10-12). Use the rear holes (facing the table length extension) to mount the table width extension.
- Loosely screw the table supports (25, 26) to the housing of the bench-type circular saw with the hex screws (c) and washers (u). In addition the table supports (25, 26) must be loosely screwed to the width or length extension table with hex screws (c), washers (a) and nuts (b). (Use the short

supports (25) for the width extension and the long supports (26) for the length extension) (Fig. 13-14).

- Turn the saw together with the base frame and place on the floor.
- Align the table width extension and length extension level with the saw table (1).
- Finally, tighten all screws.

### 8.3 Fitting / removing the saw blade guard (Fig. 2, 15-16)

- The batteries for the laser must be inserted prior to initial assembly (see 9.9).
- When assembling the equipment for the first time, you must first fit and adjust the splitter (4). To do so, proceed as described in Section 8.5.
- Place the saw blade guard (2) together with the screw (27) on top of the splitter (4) so that the screw is snug in the oval hole (28).
- Do not tighten the screw (27) too far – the blade guard must be able to move freely.
- Fit the extractor hose (3) to the extractor adapter (16) and the extractor socket on the saw blade guard (2) and secure it to the extractor adapter (16) with the retaining clip (v). Connect a suitable chip extraction system to the extractor adapter (16).
- To dismantle, proceed in reverse order.

**Important.**

**The saw blade guard (2) must always be lowered over the workpiece before you begin to cut.**

### 8.4 Changing the table insert (Fig. 17-18)

- To prevent increased likelihood of injury, the table insert (6) should be changed whenever it is worn or damaged.
- Take off the saw blade guard (2) (see 8.3).
- Remove the 2 countersunk head screws (29).
- Take out the worn table insert (6).
- Fit the replacement table insert by following the above in reverse.

**8.5 Adjusting the splitter (Fig. 19-20)**■ **Important. Pull out the power plug.**

- The setting of the saw blade (5) has to be checked each time after changing the saw blade.
- Set the blade (5) to max. cutting depth, move to 0° position and lock in place (see 9.2).
- Dismantle the saw blade guard (2) (see 8.3).
- Take out the table insert (6) (see 8.4).
- Slacken the fixing screw (30).
- Push up the splitter (4) until the gap between the saw table (1) and the upper edge of the splitter (4) equals approx. 10 cm.
- The distance between the blade (5) and the splitter (4) should be max. 5 mm. (Fig. 20).
- Retighten the fixing screw (30) and mount the table insert (6) (Fig. 8.4).
- Remount the blade guard (2) (see 8.3).

**8.6 Fitting/changing the blade (Fig. 21)**■ **Important. Pull out the power plug and wear protective gloves.**

- Dismantle the saw blade guard (2) (see 8.3).
  - Remove the table insert (6) by undoing the two countersunk head screws (see 8.4).
  - Undo the nut with a wrench (size 24) on the nut itself and a second fork wrench (size 10) on the motor shaft to apply counter-pressure.
  - **Important.** Turn the nut in the direction of rotation of the saw blade.
  - Take off the outer flange and pull the old saw blade off the inner flange by dropping the blade at an angle.
  - Clean the saw blade flange thoroughly with a wire brush before fitting the new saw blade.
  - Mount and fasten the new saw blade in reverse order.
- Important. Note the running direction. The cutting angle of the teeth must point in running direction, i.e. forwards (see the arrow on the blade guard).**
- Refit and set the table insert (6) and the saw blade guard (2) (see 8.3, 8.4)
  - Check to make sure that all safety devices

are properly mounted and in good working condition before you begin working with the saw again.

**9. Operation****9.1. ON/OFF switch (Fig. 22/Item 11)**

- To turn the saw on, press the green button "I". Wait for the blade to reach its maximum speed of rotation before commencing with the cut.
- To turn the equipment off again, press the red button "O".

**9.2. Cutting depth (Fig. 22).**

- Turn the hand wheel (8) to set the blade (5) to the required cutting depth.

Turn anti-clockwise:  
larger cutting depth

Turn clockwise:  
smaller cutting depth

**9.3. Setting the angle (Fig. 22)**

- Undo the fixing handle (9).
- Turn the handle to set the desired angle on the scale.
- Lock the fixing handle again in the required angle position.

**9.4 Parallel stop****9.4.1. Stop height (Fig. 23-26)**

- The stop rail (e) for the parallel stop (7) has two different guide faces (high and low).
- For thick material you must use the stop rail (e) as shown in Fig. 25, for thin material (with a workpiece thickness of less than 25 mm) you must use the stop rail as shown in Fig. 26.

GB/IE/  
CY**9.4.2 Turning the stop rail (Fig. 23-26)**

- First undo the wing nuts (f) to turn the stop rail (e).
- The stop rail (e) can now be pulled off the guide rail (h) and can be pushed back over it with the appropriate guide.
- Retighten the wing nuts (f).

**9.4.3 Cutting width (Fig. 26-28)**

- The parallel stop (7) has to be used when making longitudinal cuts in wooden workpieces.
- The parallel stop should be mounted on the right-hand side of the saw blade (5).
- Place the parallel stop (12) from above (Fig. 26).
- There are 2 scales (j/k) on the guide rail for the parallel stop (12) which show the distance between the stop rail (e) and the saw blade (5) (Fig. 27).
- Depending on this, choose the appropriate scale to suit whether the stop rail (e) is turned for thick or thin material:

High stop rail (thick material):

Scale j

Low stop rail (thin material):

Scale k

- Set the parallel stop (7) for the required dimension using the inspection window (l) and secure it using the eccentric lever for the parallel stop (31).

**9.4.4 Adjusting the stop length (Fig. 29)**

- The stop rail (e) can be moved in longitudinal direction in order to prevent the workpiece from becoming jammed.
- Rule of thumb: The rear end of the stop comes up against an imaginary line that begins roughly at the center of the blade and runs at an angle of 45° to the rear.
- Set the required cutting width.
- Slacken the wing nuts (f) and push the stop rail (e) forward until it touches the imaginary 45° line.
- Tighten the wing nuts (f) again.

**9.5 Adjusting the parallel stop (Fig. 30)**

- Set the saw blade (5) to maximum cutting depth (also see Point 9.2).
- Set the parallel stop (7) so that the stop rail (e) touches the saw blade (setting for thick material, also see Point 9.4).
- If the parallel stop (7) is not in line with the saw blade (5), undo the screws (m) on the parallel stop until the parallel stop (7) can be adjusted in line with the saw blade (5) (Figure 30).
- Re-tighten the screws (m).

**9.6 Cross stop (Figure 31-32)**

- Slide the cross stop (13) into the groove (32) of the table.
- Slacken the knurled screw (33).
- Turn the cross stop (13) until the required angle is set. The notch (w) indicates the set angle.
- Retighten the knurled screw (33).
- When cutting large parts of workpieces you can use the stop rail (e) from the parallel stop (7) to extend the length of the cross stop (13) (Fig. 32)
- To extend the cross stop (13) with the stop rail (e), the stop rail (e), the chain bar (h) and the wing nuts (f) must be removed together with the washers of the parallel stop (7). Now mount the stop rail as shown in Figure 32, using the lock bolts (n).

**Important.**

- Do not push the stop rail (e) too far toward the blade.
- The distance between the stop rail (e) and the blade (5) should be approx. 2 cm.

**9.7 Adjusting the scale on the cross stop (Figure 33)**

- Place a 90° stop angle against the saw blade (5).
- Connect the cross stop (13) to the stop rail (e) of the parallel stop (7) (also see Point 9.4).
- Undo the knurled screw (33) of the cross stop (13).
- Position the cross stop (13) so that the stop rail is in a 90° angle to the saw blade (5). Now precisely align the cross stop to the

saw blade using the 90° stop angle and retighten the knurled screw (33).

- Check if the cross stop is aligned at exactly 90°. If this is not the case, continue as follows:
  - Undo the two screws (o) holding the scale (p) to the cross stop (13) until the scale can be set to the correct position.
  - Retighten the screws (o).

### 9.8 Adjusting the scale on the saw table (Fig. 28; 34)

- Ensure that the parallel stop (7) is in line with the saw blade (5) (also see Point 9.5).
- Set the parallel stop so that it touches the saw blade (5) (setting for thick material, also see Point 9.4).
- Undo the screw (q) holding the scale (j; k) to the chain bar (12) by approximately 2 turns.
- Set the scale (j/k) so that the line in the inspection window (l) of the parallel stop (7) aligns with the zero line of the scale (j).
- Retighten the screw (q).

### 9.9 Using the laser (Fig. 35-38)

- The laser (34) enables you to make precision cuts with your circular saw.
- The laser light is generated by a laser diode powered by two batteries. The laser light is enlarged to form a line and is emitted through the laser emission aperture. You can then use the line as an optical marker for the sawing line for precision cuts. Follow the laser safety instructions.
- Inserting the batteries:
  - Remove the saw blade guard (2) (see 8.3). The laser is mounted on the splitter (4) and now easily accessible.
  - Set the Laser ON/OFF switch (35) to position 0 (laser off).
  - Remove the battery compartment cover (37) by undoing the screws (36) and turning the mounting plates attached to the screw so that they no longer block the battery compartment cover (37). Now flip up the battery compartment cover (37).
  - Insert the batteries, ensuring that you fit them the right way round (see Figure 37).
  - Replace the battery compartment cover (37) and secure it with the screws (36).

- Mount the safety hood (2) for the blade again.
- Switching the laser on: Set the Laser ON/OFF switch (35) to I. When the saw blade guard (2) is mounted you can easily access the Laser ON/Off switch (35) through an opening provided in the saw blade guard. A red laser beam will now be projected from the laser emission aperture. If you guide the laser beam along the sawing line mark as you saw, you will produce clean, precise cuts.
- Switching the laser off: Set the Laser ON/OFF switch (35) to 0. The laser beam will go out. Always switch off the laser when not in use in order to save the batteries.
- The laser beam can be blocked by deposits of dust and chips. You should therefore remove these particles from the laser emission aperture each time after you use the laser (equipment off).
- Notes on batteries: If you do not intend to use the laser for a lengthy period of time, remove the batteries from the battery compartment. Any leakage of battery fluid might damage the tool.
- Do not place the batteries on heaters or expose them to direct sunshine for long periods; temperatures in excess of 50°C may damage the tool.

### 9.10 Adjusting the laser (Fig. 35)

If the laser (34) ceases to indicate the correct cutting line, you can readjust the laser. To do so, open the screws (z) and set the laser by moving sideways so that the laser beam strikes the teeth of the saw blade (5).



## 10. Functions

### Important!!

- After every new adjustment we recommend you to make a trial cut in order to check the new settings.
- After switching on the saw, wait for the blade to reach its maximum speed of rotation before commencing with the cut.
- Take extra care when starting the cut!
- Never use the equipment without the suction function.
- Regularly check and clean the suction channels.
- Suitability of the saw blades:
  - 24 teeth:  
soft materials, large chip depth, coarse cut profile
  - 48 teeth:  
hard materials, small chip depth, fine cut profile

### 10.1 Making longitudinal cuts (Figure 39)

Longitudinal cutting (also known as slitting) is when you use the saw to cut along the grain of the wood.

Press one edge of the workpiece against the parallel stop (7) while the flat side lies on the saw table (1). The blade guard (2) must always be lowered over the workpiece.

When you make a longitudinal cut, never adopt a working position that is in line with the cutting direction.

- Set the parallel stop (7) in accordance with the workpiece height and the desired width. (See 9.4.)
- Switch on the saw.
- Place your hands (with fingers closed) flat on the workpiece and push the workpiece along the parallel stop (7) and into the blade (5).
- Guide at the side with your left or right hand (depending on the position of the parallel stop) only as far as the front edge of the saw blade guard (2).
- Always push the workpiece through to the end of the splitter (4).
- The offcut piece remains on the saw table (1) until the blade (5) is back in its position

of rest.

- Secure long workpieces against falling off at the end of the cut (e.g. with a roller stand etc.) (e.g. roller table etc.)

### 10.1.1 Cutting narrow workpieces (Fig. 40)

**Be sure** to use a push stick (17) when making longitudinal cuts in workpieces smaller than 120 mm in width. A push block is supplied with the saw! **Replace a worn or damaged push stick immediately.**

### 10.1.2 Cutting very narrow workpieces (Fig. 41)

- Be sure to use a push block when making longitudinal cuts in very narrow workpieces with a width of 30 mm and less.
- The low guide face of the parallel stop is best used in this case.
- **There is no push block supplied with the saw! (Available from your specialist dealer) Replace the push block without delay when it becomes worn.**

### 10.1.3 Making angular cuts (Fig. 42)

Angular cuts must always be made using the parallel stop (7).

- Set the blade (5) to the desired angle. (See 9.3.)
- Set the parallel stop (7) in accordance with the workpiece width and height (see 9.3)
- Carry out the cut in accordance with the workpiece width (see 10.1.1 and 10.1.2).

### 10.2 Making cross cuts (Fig. 31,43)

- Slide the cross stop (13) into one of the grooves (32) in the table and adjust to the required angle. (see 9.6). If you also want to tilt the blade (5), use the groove (32) which prevents your hand and the cross stop from making contact with the blade guard.
- If necessary, use the stop rail (e).
- Press the workpiece firmly against the cross stop (13).
- Switch on the saw.
- Push the cross stop (13) and the workpiece toward the blade in order to make the cut.
- **Important:**  
**Always hold the guided part of the workpiece. Never hold the part which is**

**to be cut off.**

- Push the cross stop (13) forward until the workpiece is cut all the way through.
- Switch off the saw again. Do not remove the offcut until the blade has stopped rotating.

**10.3 Cutting particle boards**

To prevent the cutting edges from cracking when working with particle boards, you should not set the saw blade (5) more than 5mm greater than the thickness of the workpiece (also see Point 9.2).

**11. Replacing the power cable**

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.

**12. Cleaning, maintenance, storage, transport and ordering of spare parts**

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

**12.1 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 down with compressed air at low pressure.
- We recommend that you clean the equipment immediately after you use it.
- Clean the equipment regularly with a damp cloth and some soft soap. Do not use cleaning agents or solvents; these may be aggressive to the plastic parts in the equipment. Ensure that no water can get into the interior of the equipment.

**12.2 Carbon brushes**

In case of excessive sparking, have the carbon brushes checked only by a qualified electrician. Important. The carbon brushes should not be replaced by anyone but a qualified electrician.

**12.3 Servicing**

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

**12.4 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 electric tool in its original packaging.

**12.5 Transport**

- Use only the transport handles (Figure 44) punched into both sides of the housing for transporting the equipment.
- Secure the equipment against slipping; tie it down securely.
- Never use the safety devices for handling or transporting purposes.

**12.6 Ordering replacement parts**

Please provide the following information on all orders for spare parts:

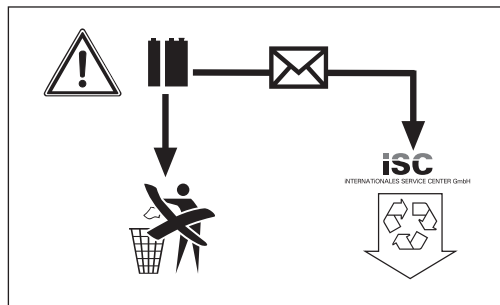
- Model/type of the equipment
- Article number of the equipment
- ID number of the equipment

For our latest prices and information please go to [www.isc-gmbh.info](http://www.isc-gmbh.info)

GB/IE/  
CY

### 13. 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. Defective components must be disposed of as special waste. Ask your dealer or your local council.



For EU countries only

Never place any electric power tools in your household refuse.

To comply with European Directive 2002/96/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.

Batteries contain materials that are potentially harmful to the environment. Never place batteries in your household refuse, in fire or in water. Batteries should be collected, recycled or disposed of by environment-friendly means. Send your old batteries to iSC GmbH, Eschenstrasse 6 in D-94405 Landau. You can then be sure that the equipment will be correctly disposed of by the manufacturer.

## 14. Declaration of conformity

Einhell Germany AG · Wiesenweg 22 · D-94405 Landau/Isar

**Konformitätserklärung**

- ☐ erklärt folgende Konformität gemäß EU-Richtlinie und Normen für Artikel  
☐ explains the following conformity according to EU directives and norms for the following product  
☐ déclare la conformité suivante selon la directive CE et les normes concernant l'article  
☐ dichiara la seguente conformità secondo la direttiva UE e le norme per l'articolo  
☐ verklaart de volgende overeenstemming conform EU richtlijn en normen voor het product  
☐ declara la siguiente conformidad a tenor de la directiva y normas de la UE para el artículo  
☐ declara a seguinte conformidade, de acordo com a directiva CE e normas para o artigo  
☐ attesterer følgende overensstemmelse i medfør af EU-direktiv samt standarder for artikel  
☐ förklarar följande överensstämmelse enl. EU-direktiv och standarder för artikeln  
☐ vakuuttaa, että tuote täyttää EU-direktiivin ja standardien vaatimukset  
☐ tõendab toote vastavust EL direktiivile ja standarditele  
☐ vydává následující prohlášení o shodě podle směrnice EU a norem pro výrobek  
☐ potrjuje sledečo skladnost s smernico EU in standardi za izdelek  
☐ vydáva nasledujúce prehlásenie o zhode podľa smernice EÚ a noriem pre výrobok  
☐ a cikkekhez az EU-irányvonal és Normák szerint a következő konformitást jelenti ki
- ☐ deklaruje zgodność wymienionego poniżej artykułu z następującymi normami na podstawie dyrektywy WE.  
☐ декларира съответното съответствие съгласно Директива на ЕС и норми за артикул  
☐ paskaidro šādu atbilstību ES direktīvai un standartiem  
☐ apibūdina šį atitikimą EU reikalavimams ir prekės normoms  
☐ declară următoarea conformitate conform directivei UE și normelor pentru articolul  
☐ δηλώνει την ακόλουθη συμμόρφωση σύμφωνα με την Οδηγία ΕΚ και τα πρότυπα για το προϊόν  
☐ potvrđuje sljedeću usklađenost prema smjernicama EU i normama za artikl  
☐ potvrđuje sljedeću usklađenost prema smjernicama EU i normama za artikl  
☐ potvrđuje sledeću usklađenost prema smernicama EZ i normama za artikal  
☐ следующим удостоверяется, что следующие продукты соответствуют директивам и нормам ЕС  
☐ проголошує про зазначену нижче відповідність виробу директивам та стандартам ЄС на виріб  
☐ ја изјавува следната сообразност согласно ЕУ-директивата и нормите за артикли  
☐ Ürünü ile ilgili AB direktifleri ve normları gereğince aşağıda açıklanan uygunluğu belirtir  
☐ erklærer følgende samsvar i henhold til EU-direktivet og standarder for artikkel  
☐ Lýsir uppfyllingu EU-reglna og annarra staðla vöru

**Tischkreissäge PTK 1700 A1 (Parkside)**

- ☐ 2009/105/EC  
☐ 2006/95/EC  
☐ 2006/28/EC  
☐ 2005/32/EC  
☒ 2004/108/EC  
☐ 2004/22/EC  
☐ 1999/5/EC  
☐ 97/23/EC  
☐ 90/396/EC  
☐ 89/686/EC\_96/58/EC
- ☒ 2006/42/EC  
☒ Annex IV  
 Notified Body: TÜV Rheinland LGA Products GmbH  
 Tillystraße 2, 90431 Nürnberg, Germany  
 Notified Body No.: 0197  
 Reg. No.: BM 50179485 0001
- ☐ 2000/14/EC\_2005/88/EC  
☐ Annex V  
☐ Annex VI  
 Noise: measured  $L_{WA}$  = dB (A); guaranteed  $L_{WA}$  = dB (A)  
 P = KW; L/Ø = cm  
 Notified Body:
- ☐ 2004/26/EC  
 Emission No.:

**Standard references: EN 61029-1; EN 61029-2-1; EN 55014-1;  
EN 55014-2; EN 61000-3-2; EN 61000-3-3**

Landau/Isar, den 29.01.2010

Weichselgartner/General Manager

Wentao/Product-Management

First CE: 10  
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 Documents registrar: Siegfried Roider  
 Wiesenweg 22, D-94405 Landau/Isar

# 15. GUARANTEE 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. Of course, if you would prefer to call us then we are also happy to offer our assistance under the service number printed below. Please note the following terms under which guarantee claims can be made:

1. These guarantee terms cover additional guarantee rights and do not affect your statutory warranty rights. We do not charge you for this guarantee.
2. Our guarantee only covers problems caused by material or manufacturing defects, and it is restricted to the rectification of these defects or replacement of the device. Please note that our devices have not been designed for use in commercial, trade or industrial applications. Consequently, the guarantee is invalidated if the equipment is used in commercial, trade or industrial applications or for other equivalent activities. The following are also excluded from our guarantee: compensation for transport damage, damage caused by failure to comply with the installation/assembly instructions or damage caused by unprofessional installation, failure to comply with the operating instructions (e.g. connection to the wrong mains voltage or current type), misuse or inappropriate use (such as overloading of the device or use of non-approved tools or accessories), failure to comply with the maintenance and safety regulations, ingress of foreign bodies into the device (e.g. sand, stones or dust), effects of force or external influences (e.g. damage caused by the device being dropped) and normal wear resulting from proper operation of the device. This applies in particular to rechargeable batteries for which we nevertheless issue a guarantee period of 12 months.

The guarantee is rendered null and void if any attempt is made to tamper with the device.

3. The guarantee is valid for a period of 3 years 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 when an on-site service is used.
4. In order to assert your guarantee claim, please send your defective device postage-free to the address shown below. Please enclose either the original or a copy of your sales receipt or another dated proof of purchase. Please keep your sales receipt in a safe place, as it is your proof of purchase. It would help us if you could describe the nature of the problem in as much detail as possible. If the defect is covered by our guarantee then your device will either be repaired immediately and returned to you, or we will send you a new device.

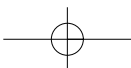
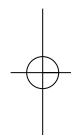
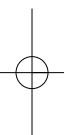
Of course, we are also happy offer a chargeable repair service for any defects which are not covered by the scope of this guarantee or for units which are no longer covered. To take advantage of this service, please send the device to our service address.

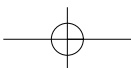
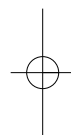
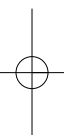
Einhell UK Ltd  
Morpeth Wharf  
Twelve Quays  
Birkenhead, Wirral  
**CH41 1LF**

Tel. 0151 6491500, Fax 0151 6491501

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.









IAN: 49407 PTK 1700 A1

**Einhell Germany AG**

Wiesenweg 22

D-94405 Landau/Isar

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