

Operating Instructions
Table Saw

Einhell[®]

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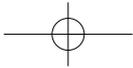
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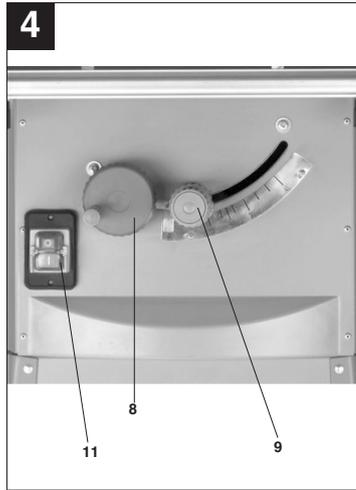
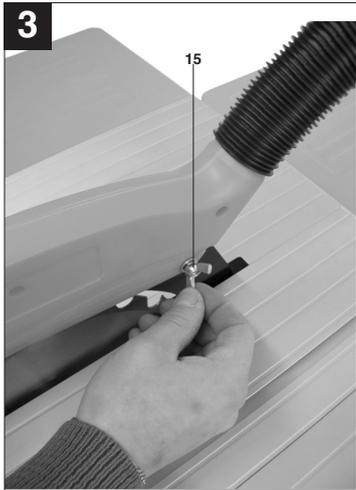
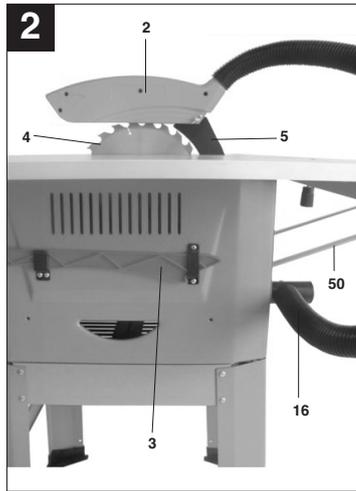
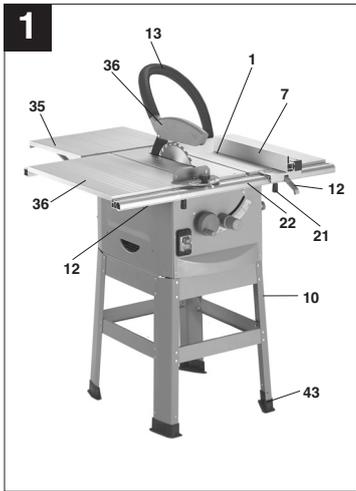
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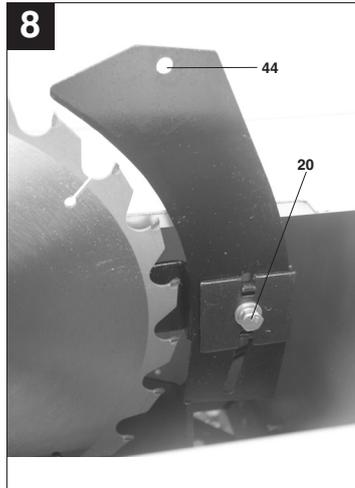
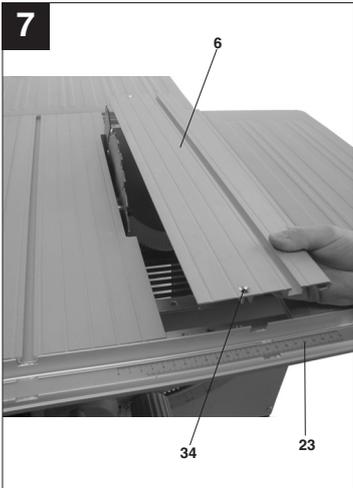
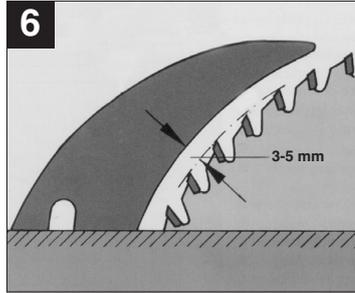
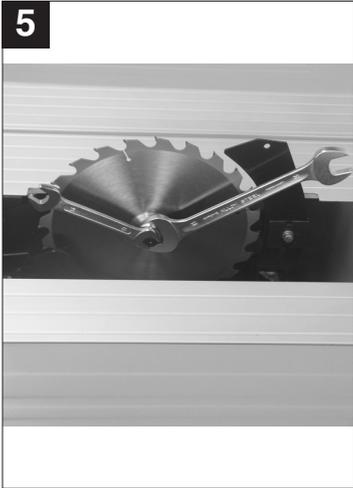
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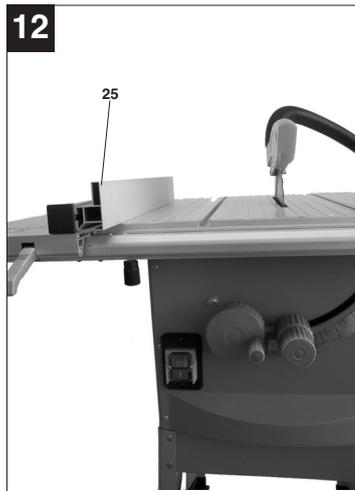
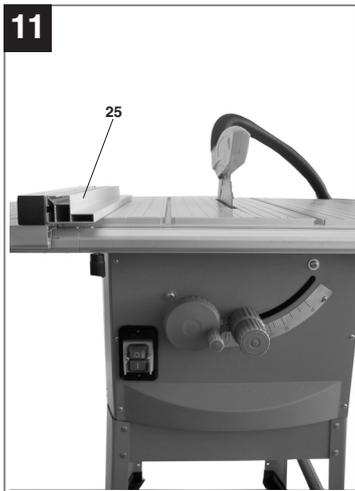
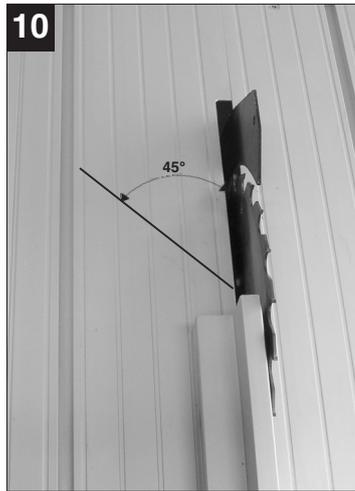
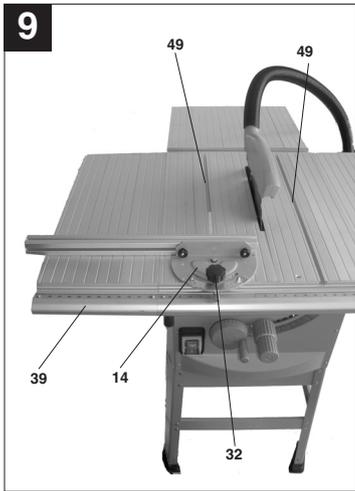


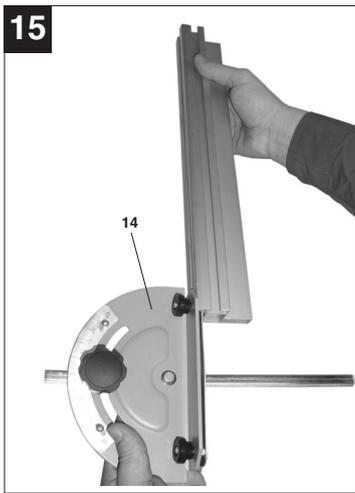
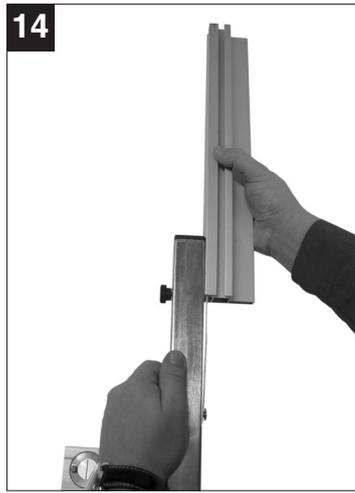
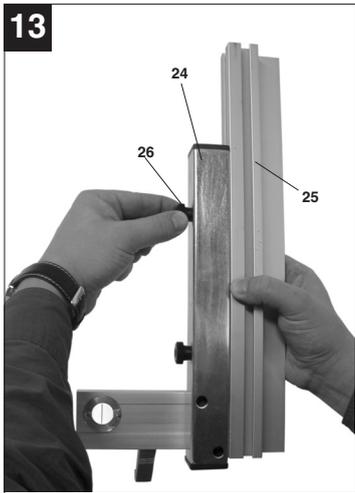
Ⓢ Read and follow the operating instructions and safety information before using for the first time.

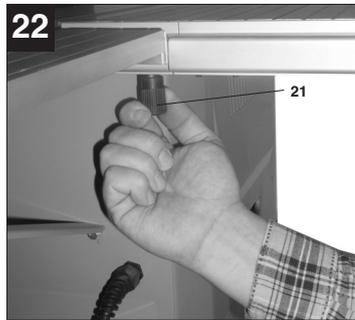
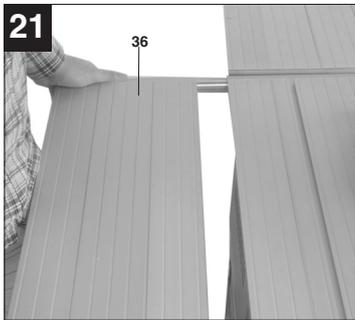
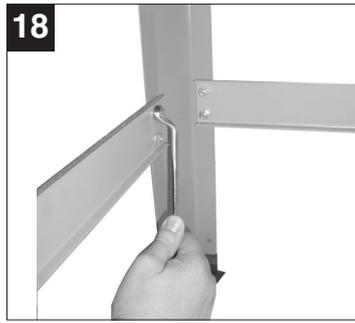
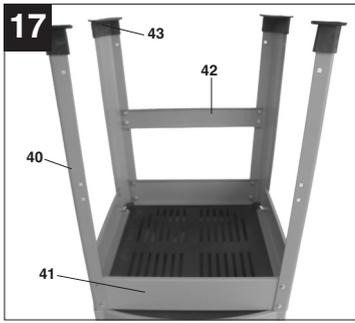


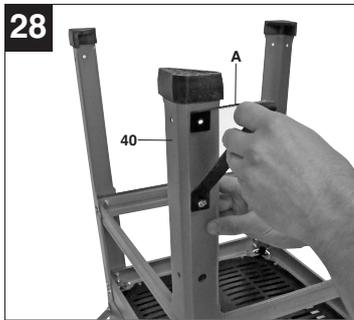
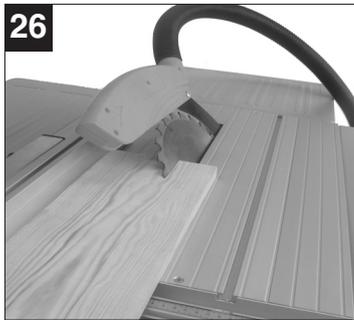
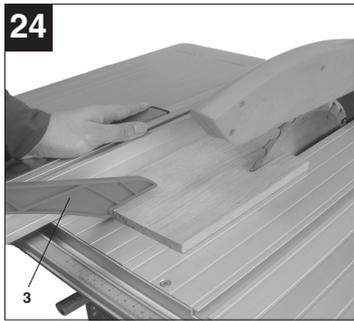












⚠ Important!

When using the equipment, a few safety precautions must be observed to avoid injuries and damage. Please read the complete operating instructions and safety 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.

⚠ CAUTION!**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.

2. Layout

- 1 Saw table
- 2 Saw blade guard
- 3 Push stick
- 4 Saw blade
- 5 Splitter
- 6 Table insert
- 7 Parallel stop
- 8 Handwheel
- 9 Adjusting and locking grip
- 10 Base frame
- 11 ON/OFF switch
- 12 Eccentric lever
- 13 Extractor hose
- 14 Cross stop
- 15 Screw with wing nut
- 16 Extractor adapter
- 20 Fixing screw
- 21 Clamping screws
- 35 Length extension table
- 36 Width extension table
- 43 Rubber feet
- 50 Table support

3. Items supplied

- Table saw
- Carbide-tipped saw blade
- Parallel stop
- Cross stop
- Push stick

4. Proper use

The table 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 machine is **not** to be used for cutting any type of roundwood.

The machine 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 held liable for damage and/or injuries of any kind that result from such misuse. The machine 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 machine properly you must also observe the safety regulations, the assembly instructions and the operating instructions to be found in this manual.

All persons who use and service the machine have to be acquainted with this manual and must be informed about the machine'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 occupational health and safety.

The machine 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.

The manufacturer shall not be liable for any changes made to the machine nor for any damage resulting from such changes.

Even when the machine is used as prescribed it is still impossible to eliminate certain residual risk factors. The following hazards may arise in connection with the machine's construction and

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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.

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.

5. Technical data

AC motor	240V ~ 50Hz
Power P	S1 1500 W S6 40% 1800 W
Idle speed n_0	5700 min ⁻¹
Cutting-off wheel	Ø 250 x Ø 30 x 2.4 mm
Number of teeth	24
Table size	625 x 440 mm
Table width extension, left/right	625 x 250 mm
Table length extension, rear	400 x 440 mm
Cutting height max.	73 mm/90° 53 mm / 45°
Height adjustment	infinite 0 - 73 mm
Tilting saw blade	infinite 0° - 45°
Extractor socket	Ø 36 mm

Sound and vibration

Sound and vibration values were measured in accordance with EN 61029.

	Idle	mode
Sound pressure level LPA	104,5 dB(A)	95,5 dB(A)
K_{pA} uncertainty	3 dB	
Sound power level LWA	114,1 dB(A)	105,2 dB(A)
K_{LWA} uncertainty	3 dB	

The quoted values are emission values and not

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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.

Wear ear-muffs.

The impact of noise can cause damage to hearing.

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.

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.

6. Before putting the machine into operation

- Unpack the table saw and check it for damage which may have occurred in transit.
- The machine has to be set up where it can stand firmly, e.g. on a work bench, or it must be bolted to a strong base.
- All covers and safety devices have to be properly fitted before the machine is switched on.
- It must be possible for the saw 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 machine's moving parts run smoothly.
- Before you connect the machine to the power supply, make sure the data on the rating plate is the same as that for your mains.

7. Assembly

Important! Pull out the power plug before carrying out any maintenance, resetting or assembly work on the cutting-off machine!

7.1 Assembling the base frame (Fig. 17/18)

- Turn the saw upside down and place it on the floor.
- Use the hex screws and nuts to fasten the four wide side struts (41) loosely to the saw.
- Now screw the four legs (40) loosely to the wide side struts.
- Then screw the four narrow side struts (42) loosely to the four legs (40) and mount the rubber feet (43) on the legs.
- **Important!** The shorter narrow struts (No. 2) have to be used on the sides.
- Finally, turn the saw together with the base frame upright and tighten all the screws and nuts (Fig. 18).
- Screw the additional legs (A) to the rear legs (40) so that they point towards the rear of the machine (Fig. 28).

7.2 Table width extension and length extension

7.2.1 Length extension table (Abb. 19/20)

- Use the hex screws and nuts to fasten the table length extension (36) loosely to the saw table (1)
- Screw the supports (50) loosely onto the saw housing and onto the table length extension.
- Align the table length extension level with the saw table (1).
- Finally, tighten all screws and nuts.

7.2.2 Width extension tables (Abb. 21/22)

- Slide the width extension tables by their connecting tubes into the prepared mounts as far they will go, making sure that the numerical scale always faces the front of the machine.
- Secure the width extension tables in place with the clamping screws (21) underneath.

7.3 Fitting / removing the saw blade guard (Fig. 3)

- Mount the saw blade guard (2) on the splitter (5) so that the screw fits through the hole (44) in the splitter.
 - Do not tighten the screw (15) too far – the blade guard must be able to move freely.
 - Fasten the extractor hose (13) to the extractor adapter (16) and to the extractor socket of the blade guard (2).
 - A suitable extractor system has to be connected to the outlet of the extractor adapter (16).
 - To remove the saw blade guard, proceed in reverse order.
- Important!**
The guard hood (2) must always be lowered over the workpiece before you begin to cut.

7.4. Setting the splitter (Fig. 3/6/7/8)

- **Important! Pull out the power plug.**
- Set the blade (4) to max. cutting depth, move to 0° position and lock in place.
- Remove the saw blade guard (see 7.3).
- Take out the table insert (6) (see 7.5).
- Slacken the fixing screw (20).

7.4.1. Setting for maximum cuts (Fig. 6/7/8)

- Push up the splitter (5) until the gap between the saw table (1) and the upper edge of the splitter (5) equals approx. 10 cm.
- The distance between the blade (4) and the splitter (5) should be 3-8 mm.
- Retighten the screw (20) and mount the table insert (6) (Fig. 7).

7.5 Changing the table insert (Figure 7)

- To prevent increased likelihood of injury the table insert should be changed whenever it is worn or damaged.
- Remove the saw blade guard (2).
- Remove the 2 countersunk head screws (34).
- Take out the worn table insert (6).
- To fit the replacement table insert, proceed in reverse order.

7.6 Fitting/replacing the blade (Fig. 5)

- **Important! Pull out the power plug first.**
- Remove the table insert by undoing the two countersunk head screws (see 7.5).
- Undo the nut with a size 24 wrench on the nut itself and a second fork wrench (size 13) 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.

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- Clean the blade flange thoroughly before fitting the new 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 splitter (5) and the saw guard (2) (see 7.3., 7.4.)
- Check to make sure that all safety devices are properly mounted and in good working condition before you begin working with the saw again.

8.0. Using the saw

8.1. ON/OFF switch (Fig. 4)

- 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 machine off again, press the red button "O".

8.2. Cutting depth (Fig. 4)

- Turn the hand crank (8) to set the blade (4) to the required cutting depth.

Turn anti-clockwise: larger cutting depth
Turn clockwise: smaller cutting depth

8.3. Parallel stop

8.3.1. Stop height

- The parallel stop (7) supplied with the table saw has two different guide faces.
- For thick material you must use the stop rail (25) as shown in Fig. 12, for thin material you must use the stop rail as shown in Fig.11.
- To change over the stop rail (25) to the lower guide face you have to slacken the two knurled screws (26) in order to disconnect the stop rail (25) from the holder (24).
- Remove the two knurled screws (26) through the one slot (27) in the stop rail (25) and insert in the other slot (31).
- Remount the stop rail (25) on the holder (24).
- The procedure for changing over to the high guide face is similar.

8.3.2. Cutting width:

- The parallel stop (7) has to be used when making longitudinal cuts in wooden workpieces.
- The parallel stop (7) can be mounted on either

side of the saw table (1).

- The parallel stop (7) has to be mounted in the guide rail (22) of the saw table (1).
- The parallel stop (7) can be set to the required dimension with the help of the scale (23) on the guide rail (1).
- You can clamp the parallel stop in the required position by pressing the eccentric lever (12).

8.3.3. Setting the stop length (Fig. 10)

- The stop rail (25) 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 knurled screws (26) and push the stop rail (25) forward until it touches the imaginary 45° line.
 - Retighten the knurled screws (26).

8.4. Cross stop (Figure 9)

- Slide the cross stop (14) into the groove (49) of the table.
- Slacken the knurled screw (32).
- Turn the cross stop (14) until the arrow points to the angle required.
- Retighten the knurled screw (32).
- When cutting large parts of workpieces you can use the stop rail (25) from the parallel stop (7) to extend the length of the cross stop (14) (Fig. 15)

Important!

- Do not push the stop rail (25) too far toward the blade.
- The distance between the stop rail (25) and the blade (4) should be approx. 2 cm.

8.5. Setting the angle (Fig. 16)

- 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.

9.0. Operation

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!

9.1. Making longitudinal cuts (Figure 23)

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 guard hood (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 8.3.)
- 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 (4).
- 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 guard hood.
- Always push the workpiece through to the end of the splitter (5).
- The offcut piece remains on the saw table (1) until the blade (4) 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.) .

9.1.2. Cutting narrow workpieces (Fig. 24)

- **Be sure** to use a push stick (3) 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.

9.1.3. Cutting extremely narrow workpieces (Fig. 25)

- **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.

9.1.4. Making bevel cuts (Fig. 16/26)

Bevel cuts must always be used using the parallel stop (7).

- Set the blade (4) to the desired angle. (See 8.5.)
- Set the parallel stop (7) in accordance with the workpiece width and height (see 8.3.1)
- Carry out the cut in accordance with the workpiece width (see 9.1.1., 9.1.2 and 9.1.3.)

9.1.5. Making cross cuts (Fig. 27)

- Slide the cross stop (14) into one of the grooves in the table (1) and adjust to the required angle. (See 8.4.) If you also want to tilt the blade (4), use the groove which prevents your hand and the cross stop from making contact with the blade guard.
- If necessary, use the stop rail (25).
- Press the workpiece firmly against the cross stop (14).
- Switch on the saw.
- Push the cross stop (14) 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 (14) 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.

10.0. Maintenance

- **Important!** Pull out the power plug first.
- Remove dust and dirt regularly from the machine. Cleaning is best carried out with a fine brush or a cloth.
- Never use caustic agents to clean plastic parts.

11.0. 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.com.au



Never place any electric tools in your household refuse.
Seek advice on correct disposal from local waste authorities.





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1. The benefits conferred by the Einhell Express Guarantee are in addition to all rights and remedies which you may be entitled to under the Australian Consumer Law, and any other statutory rights you may have under other applicable laws. This Einhell Express Guarantee does not exclude, restrict or modify any such rights or remedies.
We do not charge you for the Einhell Express Guarantee.
2. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.
3. The Einhell Express Guarantee only covers problems caused by material or manufacturing defects, and our liability under the Einhell Express Guarantee is limited, at our discretion, to the rectification of these defects or replacement of the product. Please note that the product has not been designed for use in commercial, trade or industrial applications. Consequently, the Einhell Express Guarantee will not apply if the product is used in commercial, trade or industrial applications or for other equivalent activities.
4. The following are also excluded from the Einhell Express 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 product or use of non-approved tools or accessories), failure to comply with the maintenance and safety regulations, ingress of foreign bodies into the product (e.g. sand, stones or dust), effects of force or external influences (e.g. damage caused by the product being dropped) and normal wear resulting from proper operation of the product. The Einhell Express Guarantee will also not apply if any attempt is made to tamper with the product.
5. The Einhell Express Guarantee is valid for a period of 2 years starting from the purchase date of the product. Claims made under the Einhell Express Guarantee should be submitted before the end of this guarantee period and within two weeks of the defect being noticed. No claims under the Einhell Express Guarantee will be accepted if submitted after the end of this 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 for the Einhell Express Guarantee, and the Einhell Express Guarantee will not apply for the work performed or parts fitted. This also applies when an on-site service is used.
6. To make a claim under the Einhell Express Guarantee, please send the relevant product postage-free to the address shown below and enclose either the original or a copy of your sales receipt or another dated 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 the Einhell Express Guarantee, your product will be repaired immediately and returned to you, or we will send you a new device (at our election).

Any costs incurred by you in making a claim under this Einhell Express Guarantee, unless specified otherwise in this guarantee certificate, must be borne by you.

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

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