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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 device to work on any materials containing asbestos!



Wear safety goggles. Sparks generated during working or splinters, chips and dust emitted by the device can cause loss of sight.

⚠ 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.

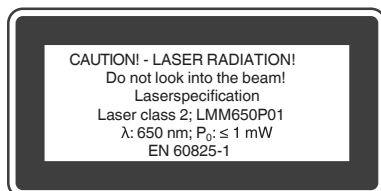
⚠ Warning!

Read all safety regulations and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/ or serious injury. **Save all warnings and instructions for future reference.**

Special information about the laser**⚠ Important: Laser radiation**

Do not look into the beam

Laser class 2



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

- 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.
- Never open the laser module.

- When the machine is not going to be used for an extended period of time, the batteries should be removed.

Use of the batteries

- **Make sure that the On/Off switch for the laser is set to its "0" position before you insert 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.** Escaped battery fluid can cause skin irritation and acid burns.

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

1. Handle
2. On/Off switch
3. Locking button for On/Off switch
4. Locking screw for cutting depth setting
5. Allen key
6. Soleplate
7. Spindle lock
8. Locking screw for parallel stop
9. Laser
10. Additional handle
11. Guard hood
12. Saw blade
13. Adapter for dust extraction system
14. Connection for sawdust extractor
15. Lever for opening the swing guard hood
16. Swing guard hood
17. Parallel stop
18. Screw for securing the saw blade
19. Flange

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 nearest branch of the DIY store where you made your purchase at the latest within 5 work days after purchasing the article and upon presentation of a valid bill of purchase. Also, refer to the warranty table in the warranty provisions at the end of the operating instructions.

- Open the packaging and take out the equip-

- ment 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!

- Universal hand-held circular saw
- Saw blade
- Cutting wheel
- Allen key
- Adapter for dust extraction system
- Original operating instructions
- Safety instructions

3. Proper use

The hand-held circular saw is designed for sawing straight cuts in wood, wood-type materials, metal, plastics, alloyed and low-alloyed steel, and non-ferrous metals such as aluminium and copper. In the case of plastic workpieces, be careful not to overheat the tips of the saw blade and melt the plastic. Together with a suitable cutting wheel, the saw can also be used to cut tiles (max. 8 mm thick).

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:..... 230 V ~ 50 Hz
 Power consumption:..... 730 W
 Idling speed: 4300 min⁻¹
 Cutting depth: max. 33 mm
 Saw blade: Ø 110 mm
 Blade holder: Ø 22.2 mm
 Blade thickness:..... 1.4 mm
 Cutting wheel: Ø 110 mm
 Cutting wheel thickness: 2.0 mm
 Protection class:..... II/□
 Weight:..... 2.9 kg

Sound and vibration

Sound and vibration values were measured in accordance with EN 60745.

L_{PA} sound pressure level 88,9 dB(A)
 K_{PA} uncertainty 3 dB
 L_{WA} sound power level 99,9 dB(A)
 K_{WA} uncertainty 3 dB

Wear ear-muffs.

The impact of noise can cause damage to hearing.

Total vibration values (vector sum of three directions) determined in accordance with EN 60745.

Handle

Vibration emission value a_h = 1.539 m/s²
 K uncertainty = 1.5 m/s²

Additional handle

Vibration emission value a_h = 2.574 m/s²
 K uncertainty = 1.5 m/s²

Warning!

The specified vibration value was established in accordance with a standardized testing method. It may change according to how the electric equipment is used and may exceed the specified value in exceptional circumstances.

The specified vibration value can be used to compare the equipment with other electric power tools.

The specified vibration value can be used for initial assessment of a harmful effect.

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.
3. Health damage caused by hand-arm vibrations if the equipment is used over a prolonged period or is not properly guided and maintained.

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.

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

5.1 Setting the cutting depth (Fig. 2)

- Release the locking screw for the cutting depth adjustment (4) at the rear of the guard hood.
- Place the saw foot (6) flat on the surface of the workpiece you want to saw. Raise the saw until the saw blade (12) is at the required cutting depth (a).
- Refasten the locking screw for the cutting depth adjustment (4). Check that everything is securely fastened.

5.2 Extraction of dust and chips (Fig. 3)

Connect your universal hand-held circular saw to a suitable vacuum cleaner using the adaptor for sawdust extraction (13).

- First mount the adapter for sawdust extraction (13) on the sawdust extraction connector (14).
- To lock in place, turn the adapter for sawdust extraction (13) clockwise as far as it will go. You can then connect a suitable vacuum cleaner (not supplied) to the adaptor for sawdust extraction (13). This will ensure optimum dust extraction from the workpiece. The benefits are that you will protect both the equipment and your own health. Your work area will also be cleaner and safer. Dust created when working may be dangerous. Refer to the section entitled "Safety instructions". Important: The vacuum cleaner you use for the vacuum extraction must be suitable for the material you are cutting. Check that all parts are properly joined together.

5.3 Parallel stop (Fig. 4)

- The parallel stop (17) enables you to saw parallel lines.
- Slacken the locking screw for the parallel stop (8) on the saw foot (6).
- To assemble, slide the parallel stop (17) into the guide (a) on the saw foot (6) (see Fig. 4)
- Set the required distance and then tighten the locking screw (8) again.
- Using the parallel stop: Position the parallel stop (17) flat on the edge of the workpiece and start the sawing.

⚠ Important: Carry out a trial cut in a piece of waste wood

6. Operation

6.1 Working with the universal hand-held circular saw

- Always hold the universal hand-held circular saw firmly.
- The swing guard hood (16) is pushed back automatically by the workpiece.
- Do not use force!
- Push the universal hand-held circular saw gently and evenly through the workpiece.
- The piece which is being cut off should be on the right-hand side of the universal hand-held circular saw so that the wide part of the saw foot rests with its full area on the workpiece.
- If you are sawing along a drawn line, guide

the universal hand-held circular saw at the corresponding notch.

- Clamp small workpieces securely before sawing them. Never hold them with your hand.
- Always follow the safety instructions. Wear safety goggles.
- Do not use saw blades / cutting wheels which are defective or have visible cracks or fractures.
- Do not use any flanges / flange nuts whose bore hole is larger or smaller than that in the saw blade / cutting wheel.
- The saw blade / cutting wheel must not be slowed down by hand or by applying pressure to the side of the saw blade / cutting wheel.
- The swing guard hood must not jam, and it must return to its initial position when you have completed the cut.
- Before you use the universal hand-held circular saw, check the function of the swing guard hood with the mains plug disconnected.
- Before you use the machine, make sure that the safety equipment such as the swing guard hood, flanges and adjustment devices are in working order and are correctly adjusted and secured.
- You can connect a suitable dust extraction system to the sawdust extraction adapter (13). Make sure that the dust extraction system is safely and correctly connected.

⚠ Important: Always pull out the power plug before doing any work on the universal hand-held circular saw!

6.2 Using the universal hand-held circular saw

- Adjust the cutting depth and the parallel stop (see section 5.1 and 5.3)
- Make sure that the On/Off switch (2) is not depressed. Only then should you insert the power plug into a suitable socket outlet.
- Do not switch on the universal hand-held circular saw until you have fitted a saw blade / cutting wheel.
- Place the saw foot flat on the workpiece you want to saw. The saw blade must not be in contact with the workpiece.
- Now hold the universal hand-held circular saw firmly with both hands.

6.3 Switching On/Off (Fig. 5)

To switch on:

Press the locking button (3) and the On/Off switch (2) at the same time.

- Allow the saw blade to accelerate until it reaches full speed. Then slowly move the saw blade along the cutting line. Exert only gentle pressure on the saw blade as you do so.

⚠ Important: Make sure that you do not cover or block the ventilation openings while you are working.

⚠ Important: Carry out a trial cut in a piece of waste wood.

To switch off:

Release the On/Off switch

- When you let go of the handle, the machine will shut down automatically. It is impossible therefore for the saw to run unintentionally.
- After you have switched off the saw, do not slow down the saw blade by applying pressure to its side.
- Important: Do not put down the machine until the saw blade / cutting wheel has stopped completely.

6.4 Changing the saw blade / cutting wheel (Fig. 1/6-8)

⚠ Important: Always pull out the power plug before doing any work on the circular saw!

Use only saw blades which comply with standard EN 847-1 and are of the same type as the saw blade supplied with this universal hand-held circular saw. Ask your dealer for advice.

Use only diamond-tipped cutting wheels which comply with standard EN 13236 and are of the same type as the cutting wheel supplied with this universal hand-held circular saw. Ask your dealer for advice.

⚠ Do not use grinding wheels!

To change the saw blade / cutting wheel, use the Allen key (5) supplied with the machine. The Allen key (5) is kept in the housing. Pull the Allen key (5) out of the housing (see Fig. 6) when you need it. Important: For safety reasons, the hand-held circular saw must not be operated with the Allen key (5) inserted.

- Push back and secure the moving swing guard hood (16) using the lever for the swing guard hood (15).
- Press the spindle lock (7).
- Use the saw blade key (5) to undo the screw holding the saw blade (18).
- Remove the flange (19) and the saw blade / cutting wheel (12) in downwards direction.
- Clean the flange and insert a new saw blade / cutting wheel. Pay attention to the running direction (see arrow on the guard hood and saw blade / cutting wheel).
- Tighten the screw to secure the saw blade (18) and check that the blade runs true.
- Before you press the On/Off switch, make sure that the saw blade / cutting wheel is correctly fitted, that moving parts run smoothly, and that the clamping screws are tightened securely.

6.5 Laser function (Fig. 9-10)

- You can switch the laser (9) on and off with the switch (a). (See Fig. 9)
- The laser directs a beam onto the workpiece.
- With the laser function you can make cuts of the highest precision.
- The laser beam can be affected by deposits of dust and chips. The emission aperture of the laser beam must therefore be cleaned each time after use.
- Always switch off the laser when not in use.

Replacing the battery

Make sure that the laser is switched off.

- To reach the battery compartment cover (b) you must set the universal hand-held circular saw to the lowest cutting depth (see section 5.1)
- To remove the battery compartment cover (b), undo the screw with a screwdriver. (See Fig. 10)
- Remove the old batteries and insert new ones (2 x 1.5 AAA).
- Make sure that the battery terminals are positioned correctly when inserting the new batteries (see the battery compartment cover).
- Close the battery compartment again.

7. 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.

8. Cleaning, maintenance and ordering of spare parts

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

8.1 Cleaning

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

8.2 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.

8.3 Maintenance

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

8.4 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



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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. 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.



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Warranty provisions

Einhell Australia or the DIY store where you made your purchase guarantees the repair of defects or replacement of the equipment in accordance with the overview below. Statutory guarantee claims are unaffected.

| Category | Example | Warranty |
|--|----------------|---|
| Defect with regard to material or construction | | 24 months |
| Wear parts* | Carbon brushes | 6 months |
| Consumables* | Saw blade | Warranty only in case of an immediate defect (24 hours after purchase / date on the bill) |
| Missing parts | | 5 work days |

* Not necessarily included in the scope of delivery!

For consumables, wear parts and missing parts Einhell Australia guarantees the correction of defects or a new delivery only if the defect is reported within 24 hours (consumables), 5 work days (missing parts) or 6 months (wear parts) after purchase and the purchase date is verified with the bill.

In case of defects concerning the material or construction, we kindly request you to submit the equipment together with the fully completed warranty card supplied with the equipment. It is important that you enter an exact description of the defect.

To do so, answer the following questions:

- 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.

The guarantee provided in this Guarantee Certificate is given by Einhell Australia Pty Limited
ACN 134 632 858 of 6/166 Wellington Street, Collingwood, Victoria (Telephone number 1300 922 271)
(Einhell Express Guarantee).

GUARANTEE CERTIFICATE

Dear Customer,

All of our products undergo strict quality checks. In the unlikely event that your device develops a fault, please contact our service department at the address shown on this guarantee certificate. 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 claims under the Einhell Express Guarantee can be made:

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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