1 Information about the documentation

1.1 About this documentation

- Read this documentation before initial operation or use. This is a prerequisite for safe, trouble-free handling and use of the product.
- Observe the safety instructions and warnings in this documentation and on the product.
- Always keep the operating instructions with the product and make sure that the operating instructions are with the product when it is given to other persons.

1.2 Explanation of symbols used

1.2.1 Warnings

Warnings alert persons to hazards that occur when handling or using the product. The following signal words are used:

- **DANGER**
  - Draws attention to imminent danger that will lead to serious personal injury or fatality.

- **WARNING**
  - Draws attention to a potential threat of danger that can lead to serious injury or fatality.

- **CAUTION**
  - Draws attention to a potentially dangerous situation that could lead to personal injury or damage to the equipment or other property.

1.2.2 Symbols in the documentation

The following symbols are used in this document:

- ![Read the operating instructions before use.](#)
- ![Instructions for use and other useful information](#)
- ![Dealing with recyclable materials](#)
- ![Do not dispose of electric equipment and batteries as household waste](#)

1.2.3 Symbols in the illustrations

The following symbols are used in illustrations:

- ![These numbers refer to the corresponding illustrations found at the beginning of these operating instructions](#)
- ![The numbering reflects the sequence of operations shown in the illustrations and may deviate from the steps described in the text](#)
- ![Item reference numbers are used in the overview illustrations and refer to the numbers used in the product overview section](#)
- ![This symbol is intended to draw special attention to certain points when handling the product](#)
1.3 Product-dependent symbols

1.3.1 Symbols on the product

The following symbols can be used on the product:

- Direct current (DC)
- Stroke rate under no load
- The power tool supports near-field communication (NFC) technology, which is compatible with iOS and Android platforms.
- Li-ion battery
- Li-ion battery type series used. Observe the information given in the section headed Intended use.
- Never use the battery as a striking tool.
- Do not drop the battery. Never use a battery that has suffered an impact or is damaged in any other way.

1.4 Product information

Products are designed for professional users and only trained, authorized personnel are permitted to operate, service and maintain the products. This personnel must be specifically informed about the possible hazards. The product and its ancillary equipment can present hazards if used incorrectly by untrained personnel or if used not in accordance with the intended use.

The type designation and serial number are printed on the rating plate.

- Write down the serial number in the table below. You will be required to state the product details when contacting Hilti Service or your local Hilti organization to inquire about the product.

<table>
<thead>
<tr>
<th>Product information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reciprocating saw</td>
</tr>
<tr>
<td>Generation</td>
</tr>
<tr>
<td>Serial no.</td>
</tr>
</tbody>
</table>

1.5 Declaration of conformity

We declare, on our sole responsibility, that the product described here complies with the applicable directives and standards. A copy of the declaration of conformity can be found at the end of this documentation.

The technical documentation is filed here:
Hilti Entwicklungsgesellschaft mbH | Tool Certification | Hiltistrasse 6 | 86916 Kaufering, Germany

2 Safety

2.1 General power tool safety warnings

**WARNING** Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury. Save all warnings and instructions for future reference.

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordonless) power tool.

Work area safety

- Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.
Electrical safety

- Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
- Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
- When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.
- If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock.

Personal safety

- Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.
- Use personal protective equipment. Always wear eye protection. Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.
- Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.
- If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.
- Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles. A careless action can cause severe injury within a fraction of a second.

Power tool use and care

- Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
- Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.
- Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool’s operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.
- Keep handles and grasping surfaces dry, clean and free from oil and grease. Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.
Battery tool use and care

- **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.
- **Under abusive conditions, liquid may be ejected from the battery; avoid contact.** If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.
- **Do not use a battery pack or tool that is damaged or modified.** Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
- **Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperature above 130°C (265 °F) may cause explosion.
- **Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.** Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

Service

- **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.
- **Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorized service providers.

2.2 Safety instructions for reciprocating saws

- **Hold the power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring.** Cutting accessory contacting a “live” wire may make exposed metal parts of the power tool “live” and could give the operator an electric shock.
- **Use clamps or another practical way to secure and support the workpiece to a stable platform.** Holding the workpiece by hand or against your body leaves it unstable and may lead to loss of control.

2.3 Additional safety instructions for saws

Personal safety

- Keep your hands away from the cutting area and the blade.
- Do not reach underneath the workpiece.
- Position yourself off to one side of the blade, never bring the blade into line with your body. The saw can jump backward toward you if kickback occurs.
- Never use the power tool without a fully functional hand guard.
- If the saw blade binds or when you interrupt work for any reason, switch off the saw and hold it motionless in the material until the saw blade comes to a complete stop. Never attempt to remove the saw from the workpiece or pull the saw back while the blade is in motion, as otherwise the saw could kick back.
- When restarting a saw in the workpiece, center the saw blade in the kerf and check that saw teeth are not in engagement with the workpiece.
- Use extra caution when sawing into walls or other blind areas. As it enters the material the blade might encounter a hidden obstruction, resulting in kickback.
- Always use a saw blade of appropriate length. The saw blade must project beyond the workpiece throughout the entire stroke.
- Do not use dull or damaged blades. These cause increased friction and present a high risk of the saw blade binding or kicking back.
- Secure the workpiece in a sturdy holder. Never hold the workpiece with your hand or across your leg.
- Apply only moderate pressure and cut at an appropriate speed, especially when cutting large-diameter pipes. This will help to prevent the power tool overheating.
- Before cutting through pipes, make sure that they are empty of medium. Drain the pipes if necessary.
- When cutting through pipes, hold the power tool above the level of the pipe you are cutting through.
  - The power tool is not protected against ingress of moisture. Liquid running out of a pipe can cause a short circuit in the power tool.
Never cut into unknown materials and make sure the path of the saw is free of obstructions above and below the workpiece.
- The power tool can kick back if the saw blade comes into contact with an obstructing object.
- Comply with the manufacturer’s instructions for handling and storing saw blades.

2.4 Additional safety instructions

- Use the product only when it is in perfect working order.
- Never tamper with or modify the power tool in any way.
- Before beginning work, check the working area for concealed electric cables or gas and water pipes. External metal parts of the power tool can become live, presenting a risk of electric shock, if you accidentally damage an electric cable.
- Switch the product on only after bringing it to the working position.
- When working with the power tool, always guide it away from your body.
- Wear protective gloves also when changing the accessory tool. Touching the accessory tool presents a risk of injury (cuts or burns).
- Always remove the battery when the power tool is not in use, before maintenance, before changing accessory tools and in preparation for and throughout transport.
- Wear protective gloves also when changing the accessory tool. Touching the accessory tool presents a risk of injury (cuts or burns).
- The user and persons in the vicinity must wear suitable protective goggles, a hard hat, ear defenders, protective gloves and light respiratory protection while the power tool is in use.
- Before starting work, check the hazard class of the dust that will be produced when working. Use an industrial vacuum cleaner with an officially approved protection class in compliance with the locally applicable dust protection regulations. Dust from materials such as lead-based paint, certain types of wood and concrete/masonry/stone containing quartz, minerals or metal can be harmful to health.
- Make sure that the workplace is well ventilated and, if necessary, wear a respirator appropriate for the type of dust generated. Contact with or inhalation of the dust can cause allergic reactions and/or respiratory or other diseases among operators or bystanders. Only specialists are permitted to handle material containing asbestos.
- When you use the Hilti retaining strap, make sure it is not damaged or frayed.
- Take breaks between working and do relaxation and finger exercises to improve the blood circulation in your fingers.
- Do not look directly into the light source (LEDs) of the power tool and do not aim the beam at other persons’ faces. Risk of dazzling or eye damage.
- Flying fragments can injure the body and eyes. Wear your personal protective equipment and always wear protective glasses and protective gloves.
- If work involves break-through, always secure the area on the side opposite where the work is carried out.

Electrical safety

- Hold the power tool by the insulated gripping surfaces when performing work in which the accessory tool might come into contact with concealed wiring. If the accessory tool comes into contact with a live wire, metal parts of the power tool can also become live, resulting in an electric shock.

2.5 Battery use and care

- Observe the special guidelines applicable to the transport, storage and use of Li-ion batteries.
- Do not expose batteries to high temperatures, direct sunlight or fire.
- Do not disassemble, crush or incinerate batteries and do not subject them to temperatures over 80 °C.
- Do not use or charge batteries that have suffered mechanical impact, have been dropped from a height or show signs of damage. In this case, always contact your Hilti Service.
- If the battery is too hot to touch it may be defective. Put the battery in a place where it is clearly visible and where there is no risk of fire, at an adequate distance from flammable materials. Allow the battery to cool down. If it is still too hot to touch after an hour, the battery is faulty. Contact Hilti Service.
3 Description

3.1 Product overview

| 1  | Locking sleeve for saw blade                                   |
| 2  | Blade holder for saw blade                                    |
| 3  | Contact shoe                                                  |
| 4  | Transport lock                                                |
| 5  | Grip                                                          |
| 6  | Battery state of charge indicator                             |
| 7  | Slot on one side/each side for attaching the Hilti retaining strap/belt hook |
| 8  | Battery                                                       |
| 9  | Battery release button                                         |
| 10 | Control switch                                                |
| 11 | White LED to illuminate the working area                      |
| 12 | Saw blade                                                     |

3.2 Intended use

The product described is a cordless reciprocating saw. It is designed for cutting wood, wood-like materials, metals and plastics.

The product is designed for one-handed operation.

- Use only Hilti Li-Ion batteries of the B 12 series with this product.
- Use only Hilti battery chargers of the C4/12 series for charging these batteries.

3.3 Possible misuse

- Do not use the power tool to cut bricks, concrete, cellular concrete, natural stone or tiles.
- Do not use the product to cut pipes containing liquids.
- Do not saw into unknown materials.

3.4 Items supplied

Reciprocating saw, operating instructions.

Other system products approved for use with this product can be found at your local Hilti Store or at: www.hilti.group

4 Technical data

4.1 Technical data

<table>
<thead>
<tr>
<th></th>
<th>SR 2-A12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated voltage</td>
<td>10.8 V</td>
</tr>
<tr>
<td>Weight in accordance with EPTA procedure 01</td>
<td>1.8 kg</td>
</tr>
<tr>
<td>Stroke rate</td>
<td>0 /min ... 3,000 /min</td>
</tr>
<tr>
<td>Stroke length</td>
<td>16 mm</td>
</tr>
<tr>
<td>Keyless chuck for standard accessory tools</td>
<td>1/2 in</td>
</tr>
</tbody>
</table>

4.2 Noise information and vibration values in accordance with EN 62841

The sound pressure and vibration values given in these instructions were measured in accordance with a standardized test and can be used to compare one power tool with another. They can also be used for a preliminary assessment of exposure.

The data given represent the main applications of the power tool. However, if the power tool is used for different applications, with different accessory tools, or is poorly maintained, the data can vary. This can significantly increase exposure over the total working period.
An accurate estimation of exposure should also take into account the times when the tool is switched off, or when it is running but not actually being used for a job. This can significantly reduce exposure over the total working period.

Identify additional safety measures to protect the operator from the effects of noise and/or vibration, for example: maintaining the power tool and accessory tools, keeping the hands warm, organization of work patterns.

Noise information

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sound power level ($L_{WA}$)</td>
<td>86 dB</td>
</tr>
<tr>
<td>Uncertainty for the sound power level ($K_{WA}$)</td>
<td>5 dB</td>
</tr>
<tr>
<td>Sound pressure level ($L_{PA}$)</td>
<td>75 dB</td>
</tr>
<tr>
<td>Uncertainty for the sound pressure level ($K_{PA}$)</td>
<td>5 dB</td>
</tr>
</tbody>
</table>

Total vibration

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vibration emission value for sawing chipboard ($a_{h,B}$)</td>
<td>5.3 m/s²</td>
</tr>
<tr>
<td>Vibration emission value for sawing wooden beams ($a_{h,WB}$)</td>
<td>5.5 m/s²</td>
</tr>
<tr>
<td>Uncertainty ($K$)</td>
<td>1.5 m/s²</td>
</tr>
</tbody>
</table>

4.3 Battery

Battery operating voltage | 10.8 V |
Ambient temperature for operation | −17 °C ... 60 °C |
Storage temperature | −20 °C ... 40 °C |
Battery charging starting temperature | −10 °C ... 45 °C |

5 Preparations at the workplace

⚠ CAUTION

Risk of injury by inadvertent starting!

▶ Before inserting the battery, make sure that the product is switched off.
▶ Remove the battery before making any adjustments to the power tool or before changing accessories.

Observe the safety instructions and warnings in this documentation and on the product.

5.1 Charging the battery

1. Before charging the battery, read the operating instructions for the charger.
2. Make sure that the contacts on the battery and the contacts on the charger are clean and dry.
3. Use an approved charger to charge the battery.

5.2 Removing the saw blade

1. Remove the battery. → page 8
2. Engage the transport lock.
3. Turn the chuck locking sleeve counterclockwise and hold it in this position.
4. Pull the blade forward out of the chuck.
5. Release the locking sleeve and allow it to move back to its original position.

5.3 Inserting the saw blade

Use only saw blades with a 1/2" connection end.

1. Remove the battery. → page 8
2. Engage the transport lock.
3. Check that the connection end of the accessory tool is clean and lightly greased. Clean it and grease it if necessary.
4. Turn the chuck locking sleeve counterclockwise and hold it in this position.
5. Push the saw blade into the chuck from in front.
6. Release the locking sleeve and allow it to move back to its original position.
7. Grip and pull the saw blade to check that it is locked in position.

5.4 Fitting the belt hook (optional)

**WARNING**

**Risk of injury.** A falling power tool may present a risk of injury to yourself and others.

▶ Check that the belt hook is fitted securely before beginning work.

The belt hook allows the power tool to be attached to a belt worn by the operator. The belt hook can be fitted to allow attachment on the left or right side of the body.

1. Remove the battery.
2. Insert the belt hook into the opening provided at the base of the product.
3. Use the 2 screws to attach the belt hook and make sure that the screws are driven fully (countersunk head flush).

5.5 Inserting the battery

**CAUTION**

**Risk of injury by short circuit or falling battery!**

▶ Before inserting the battery, make sure that the contacts on the battery and the contacts on the product are free of foreign matter.

▶ Make sure that the battery always engages correctly.

1. Charge the battery fully before using it for the first time.
2. Push the battery into the battery holder until it engages with an audible click.
3. Check that the battery is seated securely.

5.6 Sawing

**WARNING**

**Risk of injury due to saw run-on !**

▶ Do not lift the product away from the workpiece until it has stopped completely.

▶ Wait until the product stops completely before you lay it down.

1. Disengage the transport lock and press the control switch.
2. Release the control switch when you finish the cut.
3. Engage the transport lock.

5.7 Removing the battery

1. Press and hold down the release button.
2. Pull the battery forward and out of the product.

6 Care and maintenance

**WARNING**

**Risk of injury with battery inserted !**

▶ Always remove the battery before carrying out care and maintenance tasks!

**Care and maintenance of the tool**

- Carefully remove stubborn dirt.
- Clean the air vents carefully with a dry brush.
• Use only a slightly damp cloth to clean the casing. Do not use cleaning agents containing silicone as these can attack the plastic parts.

**Care of the Li-ion batteries**
• Keep the battery free from oil and grease.
• Use only a slightly damp cloth to clean the casing. Do not use cleaning agents containing silicone as these may attack the plastic parts.
• Avoid ingress of moisture.

**Maintenance**
• Check all visible parts and controls for signs of damage at regular intervals and make sure that they all function correctly.
• Do not operate the product if signs of damage are found or if parts malfunction. Have it repaired immediately by Hilti Service.
• After cleaning and maintenance, fit all guards or protective devices and check that they function correctly.

---

To help ensure safe and reliable operation, use only genuine Hilti spare parts and consumables. Spare parts, consumables and accessories approved by Hilti for use with the product can be found at your local Hilti Store or online at: [www.hilti.group](http://www.hilti.group).

---

7 Transport and storage of cordless tools

**Transport**

![CAUTION]

Accidental starting during transport!
- Always transport your products with the batteries removed!
- Remove the battery.
- Never transport batteries in bulk form (loose, unprotected).
- Check the tool and batteries for damage before use after long periods of transport.

**Storage**

![CAUTION]

Accidental damage caused by defective or leaking batteries!
- Always store your products with the batteries removed!
- Store the tool and batteries in a place that is as cool and dry as possible.
- Never store batteries in direct sunlight, on heating units or behind a window pane.
- Store the tool and batteries in a place where they cannot be accessed by children or unauthorized persons.
- Check the tool and batteries for damage before use after long periods of storage.

8 Troubleshooting

If the trouble you are experiencing is not listed in this table or you are unable to remedy the problem by yourself, please contact Hilti Service.

8.1 The reciprocating saw is not in working order

<table>
<thead>
<tr>
<th>Trouble or fault</th>
<th>Possible cause</th>
<th>Action to be taken</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power tool does not start.</td>
<td>The battery is not correctly inserted.</td>
<td>▶ Push the battery in until it engages with a click.</td>
</tr>
<tr>
<td></td>
<td>The battery is empty.</td>
<td>▶ Charge the battery.</td>
</tr>
<tr>
<td></td>
<td>The transport lock is engaged.</td>
<td>▶ Disengage the transport lock.</td>
</tr>
<tr>
<td>The saw blade cannot be removed from the chuck.</td>
<td>The locking sleeve is not turned as far as it will go.</td>
<td>▶ Turn the locking sleeve as far as it will go and remove the saw blade.</td>
</tr>
</tbody>
</table>
8.2 The reciprocating saw is in working order

<table>
<thead>
<tr>
<th>Trouble or fault</th>
<th>Possible cause</th>
<th>Action to be taken</th>
</tr>
</thead>
<tbody>
<tr>
<td>The power tool does not develop full power.</td>
<td>The control switch is not fully pressed</td>
<td>➤ Press the control switch fully.</td>
</tr>
<tr>
<td></td>
<td>The battery is discharged</td>
<td>➤ Change the battery and charge the empty battery.</td>
</tr>
<tr>
<td>The saw blade cannot be removed from the chuck.</td>
<td>The locking sleeve is not turned as far as it will go.</td>
<td>➤ Turn the locking sleeve as far as it will go and remove the saw blade.</td>
</tr>
</tbody>
</table>

9 Disposal

Most of the materials from which Hilti tools and appliances are manufactured can be recycled. The materials must be correctly separated before they can be recycled. In many countries, your old tools, machines or appliances can be returned to Hilti for recycling. Ask Hilti Service or your Hilti representative for further information.

Battery disposal

Improper disposal of batteries can result in health hazards from leaking gases or fluids.

➤ DO NOT send batteries through the mail!
➤ Cover the terminals with a non-conductive material (such as electrical tape) to prevent short circuiting.
➤ Dispose of your battery out of the reach of children.
➤ Dispose of the battery at your Hilti Store, or consult your local governmental garbage disposal or public health and safety resources for disposal instructions.

➤ Do not dispose of power tools, electronic equipment or batteries as household waste!

10 RoHS (Restriction of Hazardous Substances)

Click on the link to go to the table of hazardous substances: qr.hilti.com/r7810348. There is a link to the RoHS table, in the form of a QR code, at the end of this document.

11 Manufacturer’s warranty

➤ Please contact your local Hilti representative if you have questions about the warranty conditions.
# הוראות עבודה מקורות

## 1. ענבי אינו לעניין

### 1.1 שימוש בענבי

- קירא את תיווך הד בבלאא לפי השיעור הראוי. רק כל/light את העניין עבודא בחשבית וסוחה בủyית
- קירא את תיווך הבטיחות בזמן מהירה, מהirse מהירה על המפר.
- שם רואית הוראות הפעולה, עם בדואות, במפרים להעריך את ליזה של שזלי את האות משני את המפרים.

## 2. הסברים נוספים

**אזהרות**

### 2.1.1 הסבר נוספים

האזהרות מפורטות סכון בינוני בשומשם. במדרי ideal מופיעה מילת המפתה הבאה:

<table>
<thead>
<tr>
<th>סכון</th>
<th>סכון!</th>
</tr>
</thead>
</table>
| ממית סכון מידייה, המביכת ליצוף את יוסף ואימת.

### 2.1.2 זיהור

<table>
<thead>
<tr>
<th>זיהור!</th>
</tr>
</thead>
</table>
| ממית זיהור! כל מי שיכבל ליצוף יוסף קושי ואימת.

### 2.2 סמלי בקפסון זה

**סמלי הבהא מופיים ברוחדים**

- קירא את הוראות הפעולה לפי השיעור
- הניתן לישורו וודא שמתיישן צף
- טיפוח כוטב בمواطنים לחיים
- אין לשליך בפסולת הבינית מוסריים ו('.')

## 3. סמלי ביאר

**סמלי הבהא מטופליים ביאר**

- סמסרו את סמסרו של יורי המתחים בבלאא הניחו קונב
- סמסרו ביאר משקפיים את רפי הפעולה, והם ישיתים לחיות שווים מריצי המפרים בקטפס
- סמסרו הפרטיים מוספים ביאר סבק להסדים והסמרים עד הסמסרו בברך סבק המפר
- סמסרו היד הוא ללא שזור את הפיתול בכתיב שסמוס במנקר

## 4. סמלי פפשיפיסים למקורים

### 4.1.1 סמלי פפשיפיסים למקורים

**סמלי הבהא הביאביים**

<table>
<thead>
<tr>
<th>סמק</th>
<th>סמק</th>
</tr>
</thead>
<tbody>
<tr>
<td>זיהוי</td>
<td>זיהוי</td>
</tr>
<tr>
<td>בורר</td>
<td>בורר</td>
</tr>
<tr>
<td>מירית</td>
<td>מירית</td>
</tr>
</tbody>
</table>

---

2208189

עריך
1.4

Features

Compatible with NFC, iOS, and Android devices.

- Integrate with your NFC-enabled smartphone, tablet, or computer.
- Connect to Hilti's mobile app to access its features.
- Share data with your colleagues for real-time collaboration.
- Protect your collection of tools with your mobile device.

1.5

Technical Information

- Suitable for use in hazardous areas.
- Compliant with international standards.
- Meets safety and quality requirements.
- Endorsed by Hilti for its reliability and durability.

2

Introduction

- Introducing our new mobile app for Hilti tools.
- Designed to enhance your work experience.
- Accessible via download on iOS and Android devices.
- Offers features such as tool tracking and maintenance.

Batteries

- SR 2-A12
- Voltage: 12 Volt
- Capacity: 1.5 Ah
- Suitable for Hilti's impact wrenches.

Technical Details

- Max. Torque: 100 Nm
- Max. Speed: 2,800 rpm
- Weight: 2.5 kg

Conclusion

- Thank you for choosing Hilti.
- We look forward to serving you.
- Contact us for more information.
2.5 Tips and information on the work environment

- In the work area, keep the machine, the magazine, and the magazine on the machine.
- Place the machine in a well-ventilated area.
- Make sure the machine is placed in a well-ventilated area.
- Avoid placing the machine in a poorly ventilated area.
- Place the machine in a well-ventilated area.

2.6 Tip of the day

- Do not use the machine in a poorly ventilated area.
- Place the machine in a well-ventilated area.
- Avoid placing the machine in a poorly ventilated area.
- Place the machine in a well-ventilated area.

3.1 Safety measures

- Ensure that the machine is properly secured.
- Place the machine in a well-ventilated area.
- Avoid placing the machine in a poorly ventilated area.
- Place the machine in a well-ventilated area.

3.2 Instruction received

- The machine should always be operated in a well-ventilated area.
- Place the machine in a well-ventilated area.
- Avoid placing the machine in a poorly ventilated area.
- Place the machine in a well-ventilated area.

3.3 Safety concerns

- Avoid placing the machine in a poorly ventilated area.
- Place the machine in a well-ventilated area.
- Avoid placing the machine in a poorly ventilated area.
- Place the machine in a well-ventilated area.

3.4 Safety measures

- Ensure that the machine is properly secured.
- Place the machine in a well-ventilated area.
- Avoid placing the machine in a poorly ventilated area.
- Place the machine in a well-ventilated area.

Please see the user manual for further instructions.
4 גотовיות סיכים

4.1 גотовיות סיכים

<table>
<thead>
<tr>
<th>תואם</th>
<th>ניתן</th>
<th>מסלול סיבים</th>
<th>מספר קומות</th>
<th>רוחב סיבים</th>
<th>מספר מיל</th>
<th>נפח מיל^2</th>
<th>אנכי</th>
</tr>
</thead>
<tbody>
<tr>
<td>SR 2-A12</td>
<td>0.5</td>
<td>10.8</td>
<td>1.8</td>
<td>3,000 ... 0 מיל</td>
<td>16</td>
<td>1/2</td>
<td></td>
</tr>
<tr>
<td>EN 62841</td>
<td><em>2208189</em></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

4.2airy הרווח לש פל

 ciò הנקודות המפגינות בהוראות אלו מדד בהחאה כנראה המידה התוקן, וכינוי לתחום בחוןול השפעה בו-
ניהולה של addObjectים gåים לעיבוד הדמיון של העומסים. הנחיתות鼹ינן כי עקומים בצורה יקרה בידיעת השתיישנים. אולף אמסושם של addObjectיה השתיישנים
אזרום, שבולו איד댜 וארימ או המכוח הפוגע בעור תחיה מפסקת, התוכניועייל службы, בהתאם ל.Linked
העומסים של الكم addObjectיה עליה הנויה אחת מקויות. בtrusted, שבולו אידדה וארימ או המכוח הפוגע בעור
לצורות.addObjectיה של העומסים Yiiskחק חסיב או תאן addObjectיה הסכרים הניב וכל שבחא אומנו עלים או ביבוש
שבלועיבוד בעתות של addObjectיה בשתיות ובמקורות הפוגעים במוחה של.addObjectיה.larında objetoיה המתחמנים, שיפור על ידי חום, ארוז תחילה.addObjectיה.

מידות על ת新局面

SR 2-A12

| רמת הספס קול | 86 dB | (L_{WA})
| 5 dB | (K_{WA})
| 75 dB | (L_{WA})
| 5 dB | (K_{WA})

4.3 ת_ulong

SR 2-A12

| ערכ תัวור ביבושubo | 5.3 | (a_{h,B})
| 5.5 | (a_{h,WB})
| 1.5 | (K)

4.4 הבנה ועדות

5.1 סיעוכ סלילה

ありי ממפקת 개בר התחלת תנועה בשטח

לפי תובר הסלילה או שמטרון כבוי.

הרס את הסלילה לַפי שchantment המﺑושב בכותב במקOutOf לחץ.

 있지 לחרטום הבינוני והאדרת הקוודיוו של הדלקת הסירה ע़ל המזר.

1.airie את להות הס９עמל של המסווש לפיל עטיש.
2. היא ש السبت את הסליל לשוביל מגע בזכガイド ניובים.
3. סעה את הסלילה בבשאם ראש.
5.2

הנזות ללב המפור

1. חפץ מחמצת.
2. חפץ מחמצת.
3. ספג את תכנית העילוי של התכנית במדפים ברוך והخدمة את חיות.
4. ספג את תכנית המורה ברוך והﱀיפות.
5. שחרר את תכנית העילוי ואוספי את חיות המחמצת.

5.3

הכנת לב חפץ (אופציונלי)

1. חפץ מחמצת.
2. חפץ מחמצת.
3. חפץ מחמצת.
4. חפץ מחמצת.
5. חפץ מחמצת.
6. חפץ מחמצת.
7. חפץ מחמצת.

5.4

הכנת חפץ לigated (אופציונלי)

1. חפץ מחמצת.
2. חפץ מחמצת.
3. חפץ מחמצת.
4. חפץ מחמצת.
5. חפץ מחמצת.
6. חפץ מחמצת.
7. חפץ מחמצת.

5.5

יתרון מחמצת

1. חפץ מחמצת.
2. חפץ מחמצת.
3. חפץ מחמצת.

5.6

כיסוי מחמצת

1. חפץ מחמצת.
2. חפץ מחמצת.
3. חפץ מחמצת.

ה bềית מחמצת במחמצת תכנית לחופש מחמצת. ניחח מחמצת חוף מחמצת מחמצת מחможно בד כפלי.
1. הולחן לע בטחת המשורר בשן הפצרות והحاضر את לחיו. 
2. מושר את הסוללה הקדמון של לחוים.

**טיול ותחדות**

**הסכנה פיצעה מחזורי המוברת!**

- ל핀 בטוח שこともあります תחדות לصحابי השודר אל הסוללה!

**טיול בשמיש**

- הורר בחירת לולכת שנדבר.
- הקח בדיחה זהורि ברענואו במציאות בברשת הכ wholesalers.
- הקח את נה המכסיר ובעדרת מטלית לחה מעני. אין לשתם נופורי ספיל המכיל סיליקון, מרור שפה לעולמים.
- לבות בברק וספוגים.

**טיול במחזורים**

- שמור על הסוללה בחיי מילחלק. שמור גורדי.
- הקח את נה המכסיר ובעדרת מטלית לחה מעני. אין לשתם נופורי ספיל המכיל סיליקון, מרור שפה לעולמים.
- לשים בברק בנספוגים.
- מאכל לחית לחה.

**תחדשות**

- שיבחר מקורי כי כל תהליך בולום כי לארח דcatid לה וולום שכל הריכים פעלים בואף الكويت.
- Hilti.
- כאשף זהה ו/א/ה תקולות יא המפריעים את המרווית. אב כי זא הסכימי להיתק בתבעבות יווה ושיד לשתם המכסיר בולקון ואת פקת המכסיר.
- לארח ברוחאInicialית תחדות chỉ לקסיד וולר לא כל החגבי הגבורה את כל החגבי הבולקון ואת פקת המכסיר.

לצורך השפעת החלום של המכסיר יש להשתתף במקבר הילו במקבר המכסיר מקרויים. את כל החגבי, המכסיר וwww.hilti.group.

**הנהלת שאשוייתו**

- 접ון לשוחף יא חכים של מכסיר בתענים המכסיר בתענים מקוריים. ואת כל החגבי, המכסיר ו

- 접ון הולכי

**７**

**הנהלת**

**התקהלות בשונה חמיד ההבלה!**

- שיש להוביל את המכסיר שלsdale להקה ממנה!
- הוותא את הסוללה!
-Bushouמיכי או לולכי סוללה שכרה כי עטרים אל ראיזים.
- הרפיו הסכימי בכסיר ההבלה את לובק ואחד המכסיר לא הוחר דракти.
- אוטס די

**８**

**نظיק תקהל**

**אם מיושם תקהל שייניא מתוכן מבשלו וזא שיארג יכל לולק ובצמאי, הנה лишורים של**

**Hilti**

**8.1**

**מסור הטובהアウト ישניק**

<table>
<thead>
<tr>
<th>תחלק</th>
<th>סיבת אפישרת</th>
</tr>
</thead>
<tbody>
<tr>
<td>השוללה החדש</td>
<td>עיקר</td>
</tr>
<tr>
<td>השוללה זיא</td>
<td>מזרחי</td>
</tr>
<tr>
<td>סיבה אפשית</td>
<td>תקלת</td>
</tr>
<tr>
<td>----------------</td>
<td>--------</td>
</tr>
<tr>
<td>סוללה איטה.</td>
<td>המכסיר יאכ מתוחיל לפעוט.</td>
</tr>
<tr>
<td>להז臻 על אבנית ההוכנה.</td>
<td>לא_flutter את אבנית ההוכנה.</td>
</tr>
<tr>
<td>סובב את סעות הסילוף עד הסופק.</td>
<td>לחת כ лично את החל המסר.</td>
</tr>
<tr>
<td>והז臻 את החל המסר.</td>
<td>המכסיר.</td>
</tr>
</tbody>
</table>

**מסור החרב חキ לובדה**

8.2

<table>
<thead>
<tr>
<th>פתרון</th>
<th>סיבה אפשית</th>
</tr>
</thead>
<tbody>
<tr>
<td>להז臻 על מות סעות הסילוף עד הסופק.</td>
<td>המכסיר יאכ פועל בועצמה מלאה.</td>
</tr>
<tr>
<td>סערה וסערת, תנוע את הסוללה</td>
<td>הסעירה יריקה</td>
</tr>
<tr>
<td>סובב את סעות הסילוף עד הסופק.</td>
<td>لاوبر את лично את החל המסר.</td>
</tr>
<tr>
<td>והז臻 את החל המסר.</td>
<td>המכסיר.</td>
</tr>
</tbody>
</table>

**סילוק**

9

המוצריים בוולקון הבודגי מחותרים יתבזכים למיתור. כדי שמירה עליה למחרת תרשום Hilti מ客商ית בנות פתרו את המכסיר היה爻 בארות לשון מתברר ולא נשואק. *

**מידקה סוללה**

סילוק לאッチי שט סוללה מסקן ואת הבירה עבוק לילב בדימא וחלמה.
- לאإلחל מהסוללה ימצא
- הסא את החוזיבור בבאצוף חומר אל מוביל, כי חמום בגר.
- סוללה סוללה סקח אל וגילה להגיש לידיה של ליתיב.
- סוללה את הסוללה ב Hilti Store
- המכסיר עד שניה את הסוללה ואל פסק המ inFile האחראים.
- אין önüne ישול סילוק, כי עבוכת סילוק, כלי אלמסיפות קוסולות לפסולות הבית היהי!

**תקנת ה_legבלת השימור בחומרים מסוכנים (RoHS)**

10

버יתים איכ תמצץ את טבלת החומרים המסוכנים: qr.hilti.com/r813048
QR לק '&#1053;רבולת RoHS תמצץ ביסף ייעד, ד, נמצות קד."

**אחריות צרכ**

11

אם כי לא שולא עבוי מצה הא торг, פיית למסו��י Hilti^
תקבל כל.
SR 2-A12 (01) [2018]

2006/42/EC
2014/30/EU
2011/65/EU

EN 62841-1
EN 62841-2-11
EN 55014-1:2017
EN 55014-2:2015

Schaan, 23.04.2020

Paolo Luccini
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BA Electric Tools & Accessories

Tassilo Deinzer
Executive Vice President
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