ROMAX Compact

Battery Charger

DE Bedienungsanleitung
EN Instructions for use
FR Instruction d'utilisation
ES Instrucciones de uso
IT Istruzioni d'uso
NL Gebruiksaanwijzing
PT Instruções de serviço
DA Brugsanvisning
SV Bruksanvisning
NO Bruksanvisning
FI Käyttöohje
PL Instrukcja obsługi
CZ Návod k používání
TR Kullanım kilavuzu
HU Kezelési útmutató
BG Инструкция за експлоатация
ET Kasutusjuhendid läbi
LT Naudojimo instrukciją
LV Lietošanas pamācība
EL Οδηγίες χρήσεως
RU Инструкция по использованию
AR دليل الاستخدام
CN 使用说明书

www.rothenberger.com
A Changing Battery

B Emergency-Off / LED / ON-Switch

1. EMERGENCY-OFF
2. LED
3. ON-Switch

START
Insert Press Jaw

1

2

3

Various Positions

270°
E Operating

1

2

3

ROTHENBERGER
EU-KONFORMITÄTSERKLÄRUNG
Wir erklären in alleiniger Verantwortung, dass dieses Produkt mit den angegebenen Normen und Richtlinien übereinstimmt.

EU-DECLARATION OF CONFORMITY
We declare on our sole accountability that this product conforms to the standards and guidelines stated.

DECLARATION EU DE CONFORMITÉ
Nous déclarons sous notre propre responsabilité que ce produit est conforme aux normes et directives indiquées.

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Declaramos, bajo nuestra responsabilidad exclusiva, que este producto cumple con las normas y directivas mencionadas.

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Mēs uz savu atbildību darām zināmu, ka šī prece atbilst norādītajiem standartiem un direktīvām.

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Δήλωσουμε με αποκλειστική χρήση, ότι αυτό το προϊόν ανταποκρίνεται στα ακόλουθα πρότυπα ή έγγραφα τυποποίησης.

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Мы заявляем, что этот продукт соответствует следующим стандартам.

EU 符合性声明
我们基于推他责任郑重声明: 本品符合所描述标准和指令的相关要求。
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**Markings in this document:**

- **Danger!** This sign warns against the danger of personal injuries.
- **Caution!** This sign warns against the danger of property damage and damage to the environment.
- **Call for action**
1 Safety Notes

1.1 Intended use

**ROMAX Compact:**
The ROMAX Compact is designed exclusively for the use of pressing jaws manufactured by ROTHENBERGER or that have been declared suitable by ROTHENBERGER. The device and the press jaws are designed exclusively for crimp fittings, for which the corresponding pressing jaws have been designed. Any other or additional use shall be deemed improper.

ROTHENBERGER cannot accept any liability for the resultant consequences and damage, nor for the use of pressing jaws from other manufacturers, neither for damage caused by these pressing jaws.

Proper usage also includes compliance with the operating manual, compliance with the inspection and servicing conditions and adherence to all the relevant safety regulations.

The ROMAX Compact is a handheld electric machine and must not be used for stationary applications.

This device may only be used correctly as described.

**Battery / Charger:**
The quick charger charges ROTHENBERGER batteries 14,4V DC / 2,6Ah art. no.: 15418. Do not use this product in any other way as stated for normal use.

1.2 General Power Tool Safety Warnings

**WARNING!**
Read all safety warnings 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.

The term “power tool” in the warnings refers to your electrically-operated (corded) power tool or battery-operated (cordless) power tool.

1) Work area safety
a) **Keep work area clean and well lit.** Cluttered and dark areas invite accidents.

b) **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.

c) **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

2) Electrical safety
a) **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.

b) **Avoid body contact with grounded surfaces such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is grounded.

c) **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.

d) **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.

e) **When operating a power tool outdoors only, use an extension cords suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.

f) **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.

3) Personal safety
a) 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 momentary lack of attention while operating power tools may result in serious personal injury.

b) Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.

c) 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.

d) 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.

e) Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.

f) Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.

g) If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of these devices can reduce dust related hazards.

4) Power tool use and care
a) 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.

b) 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.

c) Disconnect the plug from the power source and/or the battery pack 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.

d) 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.

e) Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

f) Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

g) 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.

5) Battery tool use and care
a) 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.

b) WARNING! Use power tools only with specifically designated battery packs and respectively battery types. Use of any other battery packs may create a risk of explosions, injury and fire.

c) 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.
d) 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.

6) 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.

1.3 Special safety instructions

The term press jaw also includes main Jaw and press ring.

**ROMAX Compact:**

Never hold your fingers or other body parts in the working area of the cylinder or the press jaws. Remove the battery before carrying out any work on the machine.

If the device is so badly damaged that electric cables or drive parts are exposed, disconnect the mains plug immediately and contact your service outlet. Unauthorised repair work may result in the user suffering major injuries or even death.

Only personnel trained in how to use the device may make crimp pipe joints using the ROMAX Compact.

The machine may only be used with a press jaw inserted into it. The press jaw must be in perfect technical condition.

Only start the machine if it is in perfect working order.

Servicing and repair work may only be carried out by workshops authorised by ROTHENBERGER.

Use only suitable press jaws and press fitting systems that have been approved by ROTHENBERGER.

After you have inserted the press jaw check that the bolt is securely locked.

In the event of problems during the pressing process, press the EMERGENCY STOP button.

Check that the pipe joint is secure after you have completed the pressing process.

Imperfect pipe joints must be compressed again using a new fitting.

Follow the installation instructions supplied by the fitting and pipe manufacturers.

Assure by pressing leaky press fittings that no humidity respectively lotic water reaches into the inside of the machine!

After finishing the work, check the installation with appropriate testing equipment and assure that it is leakproof!

**Battery / Charger:**

This charger is not intended for use by children and persons with physical, sensory or mental limitations or a lack of experience or knowledge. This charger can be used by children aged 8 and above and by persons who have physical, sensory or mental limitations or a lack of experience or knowledge if a person responsible for their safety supervises them or has instructed them in the safe operation of the charger and they understand the associated dangers. Otherwise, there is a danger of operating errors and injuries.

Supervise children during use, cleaning and maintenance. This will ensure that children do not play with the charger.

Do not charge non-rechargeable batteries!

⚠️ **RISK OF EXPLOSION!**
Physical injury!!
The battery charger may not be used to charge other batteries or rechargeable batteries. Ventilation slots of the battery charger must not be covered up. Please pay attention to the following symbol on the label of the charger:

![This tool is only suitable for indoor use. Never expose tool to rain!](image)

No metal parts are allowed to enter the battery section of the charger (risk of short circuit).

![RISK OF FIRE! Short-circuit! Do not bridge contacts of the battery charger with metal parts!](image)

**Do not charge battery in direct sunlight.** Only use the battery in an ambient temperature between -10°C and 60°C.

![RISK OF FIRE! Never charge batteries near acids and highly flammable materials.](image)

Battery fluid may leak from damaged removable batteries under conditions of extreme load or extreme temperatures. Any areas that have come into contact with battery fluid should be washed immediately with soap and water. If battery fluid comes into contact with the eyes rinse them thoroughly for at least 10 minutes and consult a doctor immediately.

Do not store batteries with metal objects (danger of short circuit).

**Check before each use:** Carry out a visual inspection each time before using the battery charger. Never charge a damaged battery pack. Replace by a new one.

The power supply (plug) / charging cable should be inspected regularly for signs of damage and ageing (brittleness) and should only be used in perfect condition.

Never break open battery packs and chargers and store only in dry rooms. Keep dry at all times.

**Storage:**

The battery should be disconnected from the battery charger, so that the fully charged battery does not discharged in the charger.

Only store the charger unplugged and only in temperature between 0-30°C.

Do not store the charger in direct sunlight!!

**Transport:**

The contained lithium-ion batteries are subject to the Dangerous Goods Legislation requirements. The user can transport the batteries by road without further requirements. When being transported by third parties (e.g.: air transport or forwarding agency), special requirements on packaging and labelling must be observed. For preparation of the item being shipped, consulting an expert for hazardous material is required.

Dispatch batteries only when the housing is undamaged. Tape or mask off open contacts and pack up the battery in such a manner that it cannot move around in the packaging. Please also observe specific national regulations.

---

### Technical data ROMAX Compact

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery voltage</td>
<td>14,4 V</td>
</tr>
<tr>
<td>Battery capacity</td>
<td>2,6 Ah</td>
</tr>
<tr>
<td>Rated power consumption</td>
<td>280 W</td>
</tr>
<tr>
<td>Motor speed</td>
<td>12000 1/min</td>
</tr>
<tr>
<td>Maximum piston force</td>
<td>max. 21 kN</td>
</tr>
<tr>
<td>Pressing time (according to nominal size)</td>
<td>ca. 6-9 s</td>
</tr>
<tr>
<td>Dimensions (L x W x H)</td>
<td>380 x 70 x 90 mm</td>
</tr>
<tr>
<td>Weight (without battery)</td>
<td>ca. 2,0 kg</td>
</tr>
<tr>
<td>Working range</td>
<td>Ø 12 – 40 mm (system-dependent)</td>
</tr>
<tr>
<td>Application temperature range</td>
<td>-10 – 60°C / 14 – 140°F</td>
</tr>
</tbody>
</table>
Operating mode ................................................. S3
Sound pressure level \( (L_{pA}) \) ...................................... 71 dB (A) \( \pm K_{pA} 3 \text{ dB (A)} \)
Sound power level \( (L_{WA}) \) ........................................ 82 dB (A) \( \pm K_{WA} 3 \text{ dB (A)} \)
The noise level during operation can exceed 85 dB (A). Wear ear protection!
Measurements found in compliance with EN 60745-1.

Vibration total value ........................................... \( \leq 2,5 \text{ m/s}^2 \) \( \pm K = 1,5\text{m/s}^2 \)
The vibration level given in this information sheet has been measured in accordance with a standardised test given in EN 60745 and may be used to compare one tool with another. It may be used for a preliminary assessment of exposure.

\[ \text{The noise level during operation can exceed 85 dB (A). Wear ear protection!} \]

Measurements found in compliance with EN 60745-1.

Vibration total value ........................................... \( \leq 2,5 \text{ m/s}^2 \) \( \pm K = 1,5\text{m/s}^2 \)
The vibration level given in this information sheet has been measured in accordance with a standardised test given in EN 60745 and may be used to compare one tool with another. It may be used for a preliminary assessment of exposure.

\[ \text{The declared vibration emission level represents the main applications of the tool. However if the tool is used for different applications, with different accessories or insertion tools or is poorly maintained, the vibration emission may differ. This may significantly increase the exposure level over the total working period.} \]

An estimation of the level of exposure to vibration should also take into account the times when the tool is switched off or when it is running but not actually doing the job. This may significantly reduce the exposure level over the total working period.

Identify additional safety measures to protect the operator from the effects of vibration such as: maintain the tool and the accessories, keep the hands warm, organisation of work patterns.

### 2.1 Technical data battery / charger

<table>
<thead>
<tr>
<th>Battery, art.-no.:</th>
<th>15418</th>
</tr>
</thead>
<tbody>
<tr>
<td>Typ/ model........</td>
<td>Lithium-Ion Battery</td>
</tr>
<tr>
<td>Voltage ...........</td>
<td>14,4 V DC</td>
</tr>
<tr>
<td>Capacity ...........</td>
<td>2,6 Ah</td>
</tr>
<tr>
<td>Max. discharging temperature..</td>
<td>-20°C +60°C</td>
</tr>
<tr>
<td>Approx. charging time (90% full) ..ca. 70 min</td>
<td></td>
</tr>
<tr>
<td>Weight ............</td>
<td>ca. 470 g</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Charger, art. no.:</th>
<th>EU 15017, AUS 1500000230, US 1000001827</th>
</tr>
</thead>
<tbody>
<tr>
<td>Typ/ model........</td>
<td>Charger for 14,4V Li-Ion Akku</td>
</tr>
<tr>
<td>Input voltage .......</td>
<td>220-240 V AC 110V AC</td>
</tr>
<tr>
<td>Input capacity ..........</td>
<td>0,4 - 0,8 A max.</td>
</tr>
<tr>
<td>Input frequency ........</td>
<td>50 – 60 Hz</td>
</tr>
<tr>
<td>Input power ...........</td>
<td>70 W max.</td>
</tr>
<tr>
<td>Charging voltage..........</td>
<td>7,2 - 16 V DC</td>
</tr>
<tr>
<td>Max. charge current ..........</td>
<td>3 A max.</td>
</tr>
<tr>
<td>Rated output ............</td>
<td>48 W max.</td>
</tr>
<tr>
<td>Number of battery cells ...</td>
<td>8</td>
</tr>
<tr>
<td>Weight ................</td>
<td>ca. 450 g</td>
</tr>
</tbody>
</table>

Recharge battery pack before first use!

Deep discharge protection may influence empty battery detection of the machine!

Pay attention to the electrical outlet voltage! Check the label on the bottom of the charger.

### 3 Function of the Unit

#### 3.1 Changing the battery

Insert battery until the catch clicks into place. (LED flashes briefly = Contact made). To remove press the catch and take out the battery.

If the battery voltage is lower than necessary, the LED flashes red. Charge the battery in the charger.
If there is any danger to personnel or the machine during the pressing process, press the EMERGENCY STOP button immediately and release the ON switch. The valve will open and the piston will return to its initial position.

The LED can indicate the following:

**Flashes red:** Battery is flat. The current press process will be ended automatically. The ON button will then be disabled and a new cycle can only be started once the battery has been charged.

**Lights up red:** After 10,000 press cycles the LED lights up red after each moulding cycle to indicate that the next inspection is due. An internal counter keeps a record of the number of pressing since leaving the factory.

Press the ON button until the pressing process has been completed. The motor cut out indicates the end of the moulding cycle.

Remove battery!

- Open the bolt (1).
- Insert the appropriate press jaw for the job in hand (2).
- Lock the bolt (3).

After changing the press jaw it is essential to ensure that, once engaged, the crimping jaw matches the profile being moulded and the nominal width of the fitting being moulded. A visual inspection must be carried out in order to determine that the press jaw is fully closed at the end of the press cycle.

The press jaw can be turned through 270° depending on the application.

Use only system-compatible press fittings and press jaws designed for them. The nominal size of the press jaw must be identical with the nominal size of the press fitting.

When inserting the pipe / press fitting system, there is a risk of crush injuries for the fingers or other body parts near the press jaw!

- Push the press fitting on to the pipe (1). Pull the press jaw apart and insert the pipe with the press fitting at right angles.

  There must be no foreign bodies between the press contour and the fitting. If you fail to ensure this, the pressing process will not produce a perfect joint!

- Press and hold the ON button until the moulding cycle is finished (2). The motor cut out indicates the end of the moulding cycle.

- Push the press jaw apart and take the machine off the joint (3).

Do not start the machine while the piston retracts or the emergency shutdown is pressed!

Power connection:

Connect only to single-phase a.c. current and only to the system voltage indicated on the rating plate. It is also possible to connect to sockets without ground, as the design conforms to safety class II.

Charging the battery:

ATTENTION! Overvoltage can damage or destroy the batteries and charger. Always observe correct voltage!

ROTHENBERGER
The lithium-ion battery can be charged at any charging level and charging can be interrupted at any time without damaging the battery (no memory effect).

- Insert plug of the battery charger into a wall socket. LED (4) red lights up
- Connect the battery (1) to the battery charger (2): LED (3) green lights up. Battery is charged. LED (3) green flashes: Battery is fully charged (For charging time, see Technical Data).

- Remove the battery.
- Disconnect plug from the wall socket.

**Storage:**
The place of storage must be inaccessible to children.

- Remove the battery.
- Disconnect plug from the wall socket.
- Store battery charger in a dry, frost-proof location.

**Store the battery only in a charged state!** Fully recharge the battery after 12 months of storage, at the latest!

**Troubleshooting:**
Before evaluating faults, disconnect the plug!
- LED (3) red flashes: Battery temperature outside the permissible charging temperature (5°C to 45°C / 41°F-113°F).

The Charging will begin automatically once the battery reaches the correct charging temperature.

In the event of other faults, please contact ROTHENBERGER Service. Repairs should only be carried out by ROTHENBERGER service centres or dealers authorised by ROTHENBERGER.

**LED's:**

<table>
<thead>
<tr>
<th>LED left (4)</th>
<th>LED right (3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>lights up red</td>
<td>lights up green</td>
</tr>
<tr>
<td>flashes red</td>
<td>flashes green</td>
</tr>
<tr>
<td></td>
<td>lights up red</td>
</tr>
<tr>
<td></td>
<td>flashes red</td>
</tr>
</tbody>
</table>

**4 Care and Maintenance**

**ROMAX Compact:**
Remove the battery prior to carrying out any work on the machine.
Check that the press jaws are fully functional. Damaged press jaws must not be used and must be sent to an authorised ROTHENBERGER repair shop.
Check that the press jaw and drive rolls move freely.
Check the bolt for signs of damage at regular intervals. Have damaged bolts replaced by an authorised ROTHENBERGER repair shop.
Clean and grease the drive rolls, the bolt and press jaws when you have finished work.
Use only high quality pressing or ball bearing grease.
The pressing contour must be kept free of grease.
All other servicing, maintenance and repair work must be carried out by an authorised ROTHENBERGER repair shop.
If the seal is damaged the warranty will be null and void.
After 10,000 pressing cycles or 1 year have the machine serviced by an authorised ROTHENBERGER workshop.
When dispatching the machine ensure that it is packed in its carrying case completely with battery and charger in the carry case only.
Electro-hydraulic machine does not exceed 3 hours in a -5°C / 23°F storage.
Disconnect battery from machine before storing.

**Charger:**
If the supply cord of this appliance is damaged, it must only be replaced by a repair shop appointed by the manufacturer, because special purpose tools are required.

## 5 Accessories

<table>
<thead>
<tr>
<th>Accessory Name</th>
<th>ROTHENBERGER Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROMAX Compact Base machine</td>
<td>015020P</td>
</tr>
<tr>
<td>ROMAX Compact Basic Set (without press jaws)</td>
<td>15020</td>
</tr>
<tr>
<td>Li-Ion battery 14,4 V / 2,6 Ah</td>
<td>15418</td>
</tr>
<tr>
<td>Charger 14,4V / 230 V Typ C</td>
<td>15017</td>
</tr>
<tr>
<td>Main adaptor 230 V</td>
<td>15037</td>
</tr>
<tr>
<td>ROMAX Compact Plastic case</td>
<td>015016L</td>
</tr>
<tr>
<td>Press jaws</td>
<td><a href="http://www.rothenberger.com">www.rothenberger.com</a></td>
</tr>
</tbody>
</table>

## 6 Customer service

The ROTHENBERGER service locations are available to help you (see listing in catalog or online) and replacement parts and service are also available through these same service locations. Order your accessories and spare parts from your specialist retailer or using RoService+ online:

**Phone:** + 49 (0) 61 95 / 800 – 8200
**Fax:** + 49 (0) 61 95 / 800 – 7491
**Email:** service@rothenberger.com
**www.rothenberger.com**

## 7 Disposal

Components of the unit are recyclable material and should be put to recycling. For this purpose registered and certified recycling companies are available. For an environmentally friendly disposal of the non-recyclable parts (e.g. electronic waste) please contact your local waste disposal authority.

Old batteries can be taken to your specialist dealer who will dispose of them in conformity with environmental regulations.

**For EU countries only:**

Do not dispose of electric tools with domestic waste. In accordance with European Directive 2012/19/EU on waste electrical and electronic equipment and its implementation as national law, electric tools that are no longer serviceable must be collected separately and utilised for environmentally compatible recycling.