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› [REMS Curvo 22 V Pipe Bender Set 15-18-22 Instruction Manual](#)

REMS Curvo 22 V Set 15-18-22

REMS Curvo 22 V Pipe Bender Instruction Manual

Model: Curvo 22 V Set 15-18-22 (Nr. 580051)

1. INTRODUCTION

The REMS Curvo 22 V is a universal and compact battery-powered tool designed for cold bending pipes up to 180 degrees. Utilizing 22 V Li-ion technology, this pipe bender is suitable for various pipe types and applications in craftsmanship, industry, workshops, and construction sites. Its design allows for quick setup and precise bending operations.

2. SAFETY INFORMATION

Always read and understand 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.

- Wear appropriate personal protective equipment, including safety glasses and gloves.
- Ensure the work area is clean, well-lit, and free from obstructions.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- Keep children and bystanders away while operating a power tool.
- Use only REMS original batteries and chargers.
- Do not expose batteries to heat or fire. Avoid direct sunlight.
- Do not attempt to bend pipes beyond the tool's specified capacity or material compatibility.
- Always secure the workpiece before bending.

3. PACKAGE CONTENTS

The REMS Curvo 22 V Set 15-18-22 includes the following components:

- REMS Curvo 22 V Pipe Bender Unit
- Li-ion Battery 21.6 V, 5.0 Ah
- Li-ion Rapid Charger 230 V, 50-60 Hz, 70 W
- Bending Segments for 15 mm, 18 mm, and 22 mm pipes
- Sliding Pieces
- Stable Steel Sheet Case



Image 1: Overview of the REMS Curvo 22 V Pipe Bender Set, including the main tool, battery, charger, and bending segments, neatly organized within its robust steel sheet case.

4. SETUP

4.1 Charging the Battery

1. Connect the Li-ion rapid charger to a standard 230 V power outlet.
2. Insert the Li-ion battery into the charger. Ensure it clicks securely into place.
3. Allow the battery to charge fully. The charger's indicator light will signal when charging is complete.
4. Once charged, remove the battery from the charger.



Image 2: The REMS Li-ion 22V battery and its charger, positioned within the tool case. The battery is black with "REMS LI-ION 22V" visible.

4.2 Installing the Battery

1. Ensure the pipe bender is switched off.
2. Align the charged battery with the battery slot on the main tool.
3. Slide the battery into the slot until it locks firmly into position.
4. To remove, press the release button (if present) and slide the battery out.

4.3 Selecting and Installing Bending Segments

Choose the appropriate bending segment and sliding piece corresponding to the pipe diameter you intend to bend (e.g., 15 mm, 18 mm, or 22 mm).

1. Identify the correct bending segment and sliding piece. These are typically marked with the pipe diameter (e.g., Ø15 R55, Ø18 R70, Ø22 R77).
2. Position the selected bending segment onto the tool's bending shaft.
3. Install the corresponding sliding piece into its designated slot on the tool. Ensure both components are securely seated.



Image 3: Close-up view of the bending segments (black, marked with diameters like Ø15 R55, Ø18 R70, Ø22 R77) and the yellow sliding pieces, along with the main bending mechanism of the REMS Curvo 22 V.

5. OPERATING INSTRUCTIONS

5.1 General Operation

1. Ensure the battery is charged and correctly installed.
2. Select and install the appropriate bending segment and sliding piece for your pipe diameter.
3. Insert the pipe into the tool, ensuring it is properly seated against the bending segment and sliding piece.
4. Hold the tool firmly with both hands.
5. Activate the tool by pressing the trigger. The tool will begin to bend the pipe.
6. Monitor the bending angle. The tool features a rapid and deceleration function with an immediate stop for precise bending. Release the trigger once the desired angle is achieved.
7. Once the bend is complete, release the trigger and remove the bent pipe from the tool.



Image 4: The main yellow and black REMS Curvo 22 V pipe bending tool, showing its ergonomic design and the central bending mechanism.

5.2 Changing Bending Segments and Sliding Pieces

The REMS Curvo 22 V allows for quick changes of bending segments and sliding pieces.

1. Ensure the tool is switched off and the battery is removed for safety.
2. Carefully remove the currently installed bending segment and sliding piece.
3. Select the new desired bending segment and sliding piece.
4. Install the new components as described in Section 4.3.

6. MAINTENANCE

6.1 Cleaning

- After each use, clean the tool, especially the bending segments and sliding pieces, to remove any debris or residue.
- Use a dry cloth or a soft brush. Do not use harsh chemicals or abrasive materials.
- Ensure no moisture enters the tool's electrical components.

6.2 Battery Care and Storage

- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- For long-term storage, it is recommended to store Li-ion batteries at approximately 50% charge.
- Do not store the battery connected to the charger or the tool for extended periods.

6.3 General Storage

Store the REMS Curvo 22 V and its accessories in the provided steel sheet case in a dry, secure location, out of reach of children.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Tool does not start	Battery not charged or improperly installed.	Ensure battery is fully charged and correctly inserted.
Bends are not precise	Incorrect bending segment/sliding piece for pipe diameter; pipe not properly seated.	Verify correct segment/sliding piece. Ensure pipe is securely positioned.
Battery not charging	Charger not connected; faulty battery/charger.	Check power connection. Try another outlet. If problem persists, contact support.

For issues not listed here, please contact REMS customer support.

8. SPECIFICATIONS

- Model:** REMS Curvo 22 V Set 15-18-22 (Nr. 580051)
- Bending Capacity:** Up to 180°
- Pipe Diameters:** 15 mm, 18 mm, 22 mm (with included segments)
- Battery Type:** Li-ion 21.6 V, 5.0 Ah
- Charger:** Li-ion Rapid Charger 230 V, 50-60 Hz, 70 W
- Technology:** Cordless, universal cold pipe bending
- Application:** Craftsmanship, industry, workshop, construction sites

9. WARRANTY AND SUPPORT

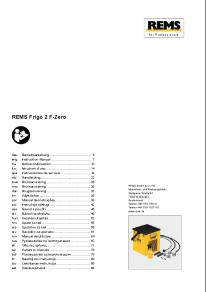
For warranty information, service, or technical support, please refer to the official REMS website or contact your authorized REMS dealer. Keep your purchase receipt as proof of purchase.

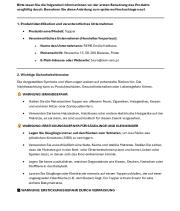
Manufacturer: REMS

Manufacturer Part Number: 8006095

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Related Documents - Curvo 22 V Set 15-18-22

	<p><u>REMS Frigo 2 F-Zero Instruction Manual</u></p> <p>Comprehensive instruction manual for the REMS Frigo 2 F-Zero electric pipe freezer, detailing safety instructions, technical data, operation, maintenance, and troubleshooting.</p>
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	<p>REMS CamScope HD Instruction Manual</p> <p>Comprehensive instruction manual for the REMS CamScope HD, detailing its features, operation, safety guidelines, and maintenance. Includes technical specifications and troubleshooting.</p>
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