

# TECHNICAL BULLETIN TB271

## EVERLOC+ COMPRESSION-SLEEVE TOOLS PROPER USE AND HANDLING

Product: **EVERLOC+ Compression-sleeve Tools**

Date: **15 March 2019 (supersedes 20 April 2018)**









EVERLOC+ compression-sleeve tools are designed exclusively for the assembly and installation of the EVERLOC+ compression-sleeve system. Use for other purposes or with other systems is prohibited.

EVERLOC+ compression-sleeve tools are for professional use only. Persons using the tools must be experienced and appropriately licensed professional contractors who understand the principles and practices associated with the proper installation of hot- and cold-water potable and hydronic systems

Review the REHAU *PEXa Limited Warranty* and the following REHAU *Technical Guidelines* prior to operating EVERLOC+ compression-sleeve tools:

- EVERLOC+ Compression-Sleeve System Product Instructions 855.724
- EVERLOC+ Power Tool Product Instruction Manual 855.725
- EVERLOC+ XL Power Tool Product Instruction Manual 855.728
- EVERLOC+ XL Expander Tool Product Instruction Manual 855.729

EVERLOC+ compression-sleeve tools and instruction manuals contain important safety-related information which requires the installer's special attention.

 <b>WARNING</b>	 <b>WARNING</b>	 <b>WARNING</b>	 <b>WARNING</b>
 <p>To reduce the risk of electric shock, fire or serious personal injury, read the instruction manual along with all warnings and instructions for the battery and charger before operation.</p>	 <p>These power tools use a strong hydraulic force to expand PEXa pipe and compress components of the REHAU EVERLOC+ compression-sleeve system. To reduce the risk of crush and laceration injury, keep fingers, hands and all parts of your body away from the expander head, hydraulic slide and compression jaws during operation. Remove the battery before attempting to change or adjust the expander head or compression jaws.</p>	 <p>To reduce the risk of permanent eye injury, always wear close-fitting protective eyewear with side protection. Eyewear must be impact-rated and marked as complying with ANSI Z87.1.</p>	 <p>Risk of electric shock. Never operate the power tool in damp or wet conditions. Never expose to rain or submerge in water or other liquids. Never operate the power tool near wires or cables carrying electric current.</p>

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## Operating the EVERLOC+ Power Tool

The EVERLOC+ Power Tool is designed for one-handed operation:

- Wrap your fingers tightly around the control handle as shown below and keep a secure grasp on the tool during work.
- Use only your index finger to trigger the tool.
- Moving parts can crush and cut. Keep hands and fingers clear of the compression jaws, hydraulic slide and expander head while operating.
- To release the hydraulic pressure and return the tool to its starting position, press the release button.

Wrap your fingers around the control handle as shown below. Keep hands and other parts of your body away from the expander head, hydraulic slide and compression jaws during operation:



Fig. 1 Use only index finger to trigger tool



Fig. 2 Press release button to release hydraulic pressure



Fig. 3 Proper hand positioning during expansion



Fig. 4 Proper hand positioning during compression

## Operating the EVERLOC+ XL Power Tool

The EVERLOC+ XL Power Tool is designed for two-handed operation:

- Never operate the power tool without the support handle securely in place.
- Wrap fingers of your trigger hand tightly around the control handle and the fingers of your other hand around the support handle as shown below. Keep a secure grasp with both hands during work.
- Use only your index finger to trigger the tool.
- Moving parts can crush and cut. Keep hands and fingers clear of the compression jaws, hydraulic slide and expander head while operating.
- To release the hydraulic pressure and return the tool to its starting position, press the release button.

Wrap your fingers around the control handle and support handle as shown below. Keep hands and other parts of your body away from the expander head, hydraulic slide and compression jaws during operation:



Fig. 5 Use only index finger to trigger tool



Fig. 6 Press release button to release hydraulic pressure



Fig. 7 Proper hand positioning during expansion



Fig. 8 Proper hand positioning during compression

### Operating the EVERLOC+ XL Expander Tool

The EVERLOC+ XL Expander Tool is designed for one-handed operation:

- Wrap your fingers tightly around the control handle as shown below and keep a secure grasp on the tool during work.
- Use only your index finger to trigger the tool.
- Moving parts can crush and cut. Keep hands and fingers clear of the expander head while operating.
- To release the hydraulic pressure and return the tool to its starting position, press the release button.

Wrap your finger around the control handle as shown below. Keep hands and other parts of your body away from the expander head, hydraulic slide and compression jaws during operation:



*Fig. 9 Use only index finger to trigger tool*



*Fig. 10 Press release button to release hydraulic pressure*



*Fig. 11 Proper hand positioning during expansion*



## **WARNING**

Moving parts can crush and cut. These power tools use strong hydraulic force to expand RAUPEX PEXa pipe and compress components of the REHAU EVERLOC+ compression-sleeve system. To reduce the risk of serious personal injury during operation:

- Never touch the expander head, hydraulic slide or compression jaws during operation.
- Keep hands and other parts of your body away from the expander head, hydraulic slide and compression jaws during operation.

### Examples of Improper Hand Positioning

