

## Raimondi TCLFFF8VG

# Raimondi Easy-Move RV175 Instruction Manual

Model: TCLFFF8VG

## 1. PRODUCT OVERVIEW

The Raimondi Easy-Move RV175 is a specialized, lightweight transport device engineered for the safe and efficient handling of large, thin panel porcelain tiles. This system is designed to provide maximum grip and adaptability, ensuring secure movement of delicate materials.

Key features include:

- Adjustable length from 3.3 feet (100 cm) up to 10.5 feet (320 cm) to accommodate various tile sizes.
- Composed of two adjustable aluminum profiles and two crossbars.
- Equipped with eight 6-inch vacuum suction cups, suitable for textured tiles.
- Suction cups feature a tilt/pivot capability ( $\pm 1.25^\circ$ ) for optimal surface contact.
- Integrated vacuum pump system with a red line indicator to monitor pressure and restore grip.
- Telescopic, ergonomic handles with "Quick Lock-Release" for easy positioning and user comfort.
- Crossbars include a quick lock-release system and safety hooks for enhanced security.



Figure 1: The Raimondi Easy-Move RV175 tile transport system, fully assembled and ready for use. It shows the two main aluminum profiles, crossbars, eight vacuum suction cups, and ergonomic handles.

## 2. SAFETY INFORMATION

Always prioritize safety when operating the Raimondi Easy-Move RV175. Failure to follow these guidelines may result in injury or damage to the equipment or materials.

- **Personal Protective Equipment (PPE):** Always wear appropriate PPE, including safety gloves and safety footwear, when handling large tiles.
- **Inspect Equipment:** Before each use, thoroughly inspect the Easy-Move system, especially the vacuum suction cups, for any signs of damage, wear, or debris. Ensure all components are securely fastened.
- **Clean Surfaces:** Ensure both the suction cups and the tile surface are clean, dry, and free of dust, grease, or any other contaminants that could compromise the vacuum seal.
- **Monitor Vacuum Pressure:** Regularly check the red line indicator on the vacuum pump. If the red line becomes visible, pump to restore full vacuum pressure before continuing to move the tile.
- **Proper Lifting Technique:** Always lift and move tiles with at least two people, maintaining a balanced and controlled posture. Avoid sudden movements.
- **Load Capacity:** Do not exceed the recommended load capacity of the device. Refer to the specifications section for details.
- **Secure Environment:** Ensure the work area is clear of obstructions and hazards.
- **Storage:** Store the Easy-Move system in a clean, dry place, protected from extreme temperatures and direct sunlight, to prevent damage to the suction cups.

### 3. COMPONENTS

The Raimondi Easy-Move RV175 consists of the following primary components:

- **Aluminum Profiles:** Two main telescopic profiles that form the frame of the transport system.
- **Crossbars:** Two adjustable crossbars that connect the main profiles and provide additional stability.
- **Vacuum Suction Cups:** Eight 6-inch diameter suction cups with integrated vacuum pumps and pressure indicators. These are designed to pivot for optimal contact.
- **Ergonomic Handles:** Two telescopic handles with "Quick Lock-Release" mechanisms for comfortable and secure gripping.
- **Quick Lock-Release System:** Mechanisms on both handles and crossbars for rapid adjustment and secure locking.
- **Safety Hooks:** Integrated hooks on the crossbars for added security during transport.



Figure 2: Close-up views of key components including the vacuum gauge, suction cup seal, vacuum pump operation, handle adjustment, and the  $\pm 1.25^\circ$  pivot capability of the suction cups.

### 4. SETUP

Follow these steps to set up your Raimondi Easy-Move RV175:

1. **Unpack Components:** Carefully remove all parts from the packaging and inspect for any shipping damage.
2. **Assemble Main Profiles:** Extend the two main aluminum profiles to the desired length, ensuring they are symmetrical and securely locked. The system can extend from 3.3' (100 cm) to 10.5' (320 cm).
3. **Attach Crossbars:** Position the two crossbars onto the main profiles. Utilize the quick lock-release system on the crossbars to secure them firmly. Ensure the safety hooks are engaged.
4. **Position Suction Cups:** Slide the eight vacuum suction cups along the aluminum profiles. Their position should be adjusted to distribute weight evenly across the tile, typically closer to the edges and center. The suction cups are designed to slide easily with the "Quick Lock-Release" handle system.
5. **Adjust Handles:** Extend the telescopic ergonomic handles to a comfortable length for lifting. Use the "Quick Lock-Release" mechanism to secure them. Ensure both handles are at the same extension for balanced lifting.



Figure 3: Illustration of the "Quick Lock-Release" mechanism on the handles, allowing for rapid adjustment and secure locking of the handle position along the main profile.



Figure 4: Close-up of the quick lock-release system on the crossbars, demonstrating how they securely attach to the main aluminum profiles.

## 5. OPERATING INSTRUCTIONS

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Operating the Raimondi Easy-Move RV175 requires careful attention to detail to ensure safe and effective tile handling.

1. **Prepare Tile Surface:** Ensure the surface of the tile is clean, dry, and free of any dust or debris. This is crucial for a strong vacuum seal.
2. **Position Easy-Move:** Carefully lower the Easy-Move system onto the tile, aligning the suction cups with the desired points of contact. Ensure all eight suction cups are flat against the tile surface. The suction cups are designed to tilt/pivot (+/- 1.25°) to conform to slight surface irregularities, providing maximum grip.
3. **Engage Vacuum Suction:** For each suction cup, repeatedly pump the integrated vacuum pump handle until the red line indicator is no longer visible. This indicates a full vacuum seal has been achieved. Listen for any hissing sounds, which may indicate a leak.
4. **Verify Seal:** Gently attempt to lift the system a few inches off the ground to confirm a secure seal on all suction cups. If any cup loses suction, re-pump it until the red line disappears.

5. **Lift and Transport:** With at least two operators, grasp the ergonomic handles firmly. Lift the tile slowly and evenly, maintaining a level position. Transport the tile to its destination, avoiding sudden movements or impacts.
6. **Release Tile:** Once the tile is in position, gently press the release valve on each vacuum suction cup to break the seal. Carefully lift the Easy-Move system off the tile.



Figure 5: A hand operating the vacuum pump on a suction cup. The red line indicator on the pump cylinder is visible, indicating the need to pump until it disappears for full vacuum.



Figure 6: Illustrates the +/- 1.25° pivot capability of the suction cups, allowing them to adapt to slightly uneven surfaces for optimal grip.



Figure 7: The Raimondi Easy-Move RV175 system actively transporting a large tile, demonstrating its use in conjunction with a tile support stand for efficient handling.

## 6. MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your Raimondi Easy-Move RV175.

- **Clean Suction Cups:** After each use, wipe the rubber suction cups with a clean, damp cloth to remove any dust, dirt, or tile residue. Do not use abrasive cleaners or solvents.
- **Inspect for Damage:** Periodically inspect all components, especially the rubber seals of the suction cups, for cuts, cracks, or deformities. Replace damaged parts immediately.
- **Check Vacuum Pumps:** Ensure the vacuum pumps operate smoothly and the red line indicator functions correctly. If a pump feels stiff or does not hold vacuum, it may require servicing or replacement.
- **Lubrication:** Lightly lubricate moving parts, such as the quick lock-release mechanisms, with a silicone-based lubricant if they become stiff. Avoid oil-based lubricants on rubber components.
- **Storage:** Store the Easy-Move system in its original case or a designated clean, dry area. Avoid storing in direct

sunlight or extreme temperatures, which can degrade the rubber suction cups.

## 7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Raimondi Easy-Move RV175.

Problem	Possible Cause	Solution
Suction cup does not hold vacuum (red line visible).	<ul style="list-style-type: none"><li>• Dirty or wet tile surface.</li><li>• Damaged or worn suction cup rubber seal.</li><li>• Faulty vacuum pump.</li><li>• Suction cup not fully flat on surface.</li></ul>	<ul style="list-style-type: none"><li>• Clean and dry the tile surface and suction cup.</li><li>• Inspect and replace the rubber seal if damaged.</li><li>• Contact customer support for pump repair/replacement.</li><li>• Reposition the suction cup to ensure full contact.</li></ul>
Difficulty adjusting length of profiles or handles.	<ul style="list-style-type: none"><li>• Quick Lock-Release mechanism is stiff or dirty.</li><li>• Debris inside the profile channels.</li></ul>	<ul style="list-style-type: none"><li>• Clean and lightly lubricate the mechanism with silicone spray.</li><li>• Clear any debris from the profile channels.</li></ul>
System feels unstable during transport.	<ul style="list-style-type: none"><li>• Suction cups not evenly distributed or secured.</li><li>• Crossbars not securely locked.</li><li>• Tile weight exceeding capacity.</li></ul>	<ul style="list-style-type: none"><li>• Re-position and re-engage all suction cups.</li><li>• Ensure crossbars are fully engaged with their quick lock-release system and safety hooks.</li><li>• Verify tile weight is within specifications.</li></ul>

## 8. SPECIFICATIONS

Attribute	Value
Brand	Raimondi
Model Number	TCLFFF8VG
Maximum Tile/Slab Length	10.5 feet (320 cm)
Minimum Tile/Slab Length	3.3 feet (100 cm)
Number of Suction Cups	8
Suction Cup Diameter	6 inches
Suction Cup Pivot Angle	+/- 1.25°
Item Weight	66 pounds (approx.)
Package Dimensions	72 x 15 x 13 inches (approx.)
Special Feature	Lightweight, Cordless, Portable
Usage Environment	Indoor

## 9. WARRANTY AND SUPPORT

For specific warranty information regarding your Raimondi Easy-Move RV175, please refer to the documentation provided at the time of purchase or contact your authorized Raimondi dealer. Warranty terms may vary based on region and retailer.

For technical support, spare parts, or service inquiries, please contact Raimondi customer service or your local distributor. Contact information can typically be found on the manufacturer's official website or through your point of purchase.

### Customer Support:

- Refer to your purchase invoice for dealer contact details.
- Visit the official Raimondi website for global contact information.

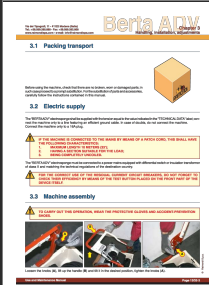


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### Related Documents - TCLFFF8VG

	<p><a href="#">Raimondi EASY-MOVE MkIV Vacuum Tile Lifter for Large Format Tiles</a></p> <p>Explore the Raimondi EASY-MOVE MkIV, an advanced vacuum lifting system designed for safe and efficient handling of large format tiles. Features RV175 stain-free suction cups with vacuum gauges and adjustable telescopic crossbars.</p>
	<p><a href="#">Raimondi Berta ADV: Handling, Installation, and Electric Supply Guide</a></p> <p>Comprehensive guide for the Raimondi Berta ADV electrosponge, covering packing, electric supply requirements, and machine assembly procedures. Includes safety warnings and operational instructions.</p>
	<p><a href="#">Raimondi EASY-MOVE MkIV Vacuum Tile Lifter for Large Format Tiles</a></p> <p>Explore the Raimondi EASY-MOVE MkIV, an advanced vacuum lifting system designed for safe and efficient handling of large format tiles. Features RV175 stain-free suction cups with vacuum gauges and adjustable telescopic crossbars.</p>





[Raimondi Berta ADV: Handling, Installation, and Electric Supply Guide](#)

Comprehensive guide for the Raimondi Berta ADV electrosponge, covering packing, electric supply requirements, and machine assembly procedures. Includes safety warnings and operational instructions.



[Marshalltown Leveling System Compatibility Guide](#)

Detailed compatibility guide for Marshalltown PLS™, PLSMAX™, and PLSREVOLVE™ leveling systems with various competitor brands and products. Includes product specifications and part numbers.

Documents - Raimondi – TCLFFF8VG



[\[pdf\] User Manual](#)

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