

WilTec 61890

Wiltec Telescopic Loading Ramps (Model 61890) Instruction Manual

Brand: WilTec | Model: 61890

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1. PRODUCT OVERVIEW

The Wiltec Telescopic Loading Ramps (Model 61890) are designed to facilitate the loading and unloading of heavy items. Constructed from high-quality aluminum, these ramps offer a balance of robustness and lightweight portability. They feature a telescopic mechanism allowing length adjustment from 121.5 cm to 213.5 cm, making them versatile for various applications such as vehicle access, overcoming steps, or loading trailers. The ramps are equipped with an anti-slip coating and raised side edges to ensure secure use and prevent lateral movement of items during transport. A pair of these ramps can support a maximum load of 270 kg.



Image 1.1: Overview of the Wiltec Telescopic Loading Ramps. These ramps are designed for safe and efficient loading and unloading of various equipment.

2. SAFETY INSTRUCTIONS

Before using the Wiltec Telescopic Loading Ramps, please read and understand all safety instructions. Failure to follow these instructions may result in injury or damage to property.

- **Maximum Load Capacity:** Do not exceed the maximum load capacity of 270 kg for the pair of ramps. Overloading can cause structural failure and serious injury.
- **Stable Surface:** Always ensure the ramps are placed on a firm, level, and stable surface. The upper end of the ramps must be securely supported by the vehicle or surface being accessed.
- **Inspection:** Before each use, inspect the ramps for any signs of damage, wear, or deformation. Do not use damaged ramps.
- **Anti-slip Surface:** The ramps feature an anti-slip coating. Keep this surface clean and free from oil, grease, or debris to maintain optimal grip.
- **Raised Edges:** Utilize the raised side edges to guide the load and prevent lateral slippage.
- **Personal Protective Equipment:** Wear appropriate safety gear, such as gloves and sturdy footwear, when handling and using the ramps.
- **Even Weight Distribution:** Distribute the load evenly across both ramps. Avoid concentrating weight on a

single ramp or one side.

- **Secure Attachment:** Ensure the ramps are firmly attached to the vehicle or loading surface to prevent them from sliding off during use.
- **Controlled Movement:** Load and unload items slowly and with controlled movements. Avoid sudden jerks or rapid acceleration.

3. SETUP

Proper setup is crucial for safe operation of your loading ramps.

1. **Unpacking:** Carefully remove the ramps from their packaging. Check for all components and any shipping damage.
2. **Extending the Ramps:** To extend, unlock the telescopic mechanism (if applicable) and slide the ramp sections to the desired length. Ensure the locking pins or mechanisms engage fully to secure the extended length. The ramps can be adjusted from 121.5 cm to 213.5 cm.
3. **Positioning:** Place the upper end of the ramps firmly against the edge of the vehicle bed, trailer, or elevated surface. Ensure the ramp's lip or attachment point is securely seated and cannot slip.
4. **Ground Contact:** The lower end of the ramps should rest on a flat, stable, and non-slippery ground surface. If the ground is uneven, use appropriate leveling materials to ensure stability.
5. **Securing the Ramps:** If your ramps include safety straps or chains, use them to secure the ramps to the vehicle or loading surface. This prevents the ramps from kicking out during loading or unloading.
6. **Angle Check:** Verify that the angle of the ramps is not too steep for the item being loaded. A shallower angle is generally safer.



Image 3.1: An aluminum folding ramp extended from a truck bed, illustrating proper positioning for loading. Ensure the ramp is securely attached to the vehicle.

4. OPERATING INSTRUCTIONS

Follow these steps for safe and effective loading and unloading.

1. **Verify Setup:** Double-check that the ramps are correctly positioned, fully extended, locked, and securely attached to both the vehicle/surface and the ground.
2. **Prepare the Load:** Ensure the item to be loaded or unloaded is stable and its weight is within the ramp's capacity. Clear any obstacles from the path.
3. **Loading Procedure:**
 - For wheeled items (e.g., wheelchairs, ATVs, motorcycles): Approach the ramps slowly and squarely. Maintain a steady, controlled speed.
 - For items requiring manual pushing: Use proper lifting techniques and ensure you have adequate assistance if needed. Push the item up the center of the ramps, keeping weight evenly distributed.
 - Always keep your hands and feet clear of moving parts and pinch points.

4. Unloading Procedure:

- Proceed slowly and with caution. Gravity will assist in unloading, so maintain control of the item's descent.
 - Ensure the area at the bottom of the ramps is clear before unloading.
5. **After Use:** Once loading or unloading is complete, carefully remove the ramps. Retract them to their compact size for storage.



Image 4.1: Multiple views of the aluminum loading ramps, highlighting their perforated surface for grip and red end caps for secure placement. These features contribute to safe operation.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Wiltec loading ramps.

- **Cleaning:** After each use, clean the ramps to remove dirt, mud, oil, or other debris. Use a damp cloth and mild detergent if necessary. Ensure the anti-slip surface is thoroughly cleaned to maintain its effectiveness.
- **Inspection:** Periodically inspect the ramps for any signs of wear, corrosion, cracks, bends, or loose fasteners. Pay close attention to the telescopic locking mechanisms and the attachment points.
- **Lubrication:** If the telescopic mechanism becomes stiff, apply a small amount of silicone-based lubricant to the sliding parts. Avoid using oil-based lubricants that can attract dirt.
- **Storage:** Store the ramps in a dry, clean place, away from direct sunlight and extreme temperatures. Retract the ramps to their shortest length before storage to save space and protect the extended sections.
- **Damaged Parts:** Do not attempt to repair severely damaged ramps. Replace them if structural integrity is compromised.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your loading ramps.

- **Ramps are slipping during use:**
 - Ensure the upper end of the ramps is securely seated on the vehicle/surface and cannot move.
 - Verify the ground surface is stable, level, and not slippery.
 - Check if safety straps are properly attached and tightened.
 - Clean the anti-slip surface of the ramps if it is dirty or greasy.
- **Difficulty extending or retracting the ramps:**
 - Check for dirt or debris in the telescopic mechanism. Clean thoroughly.
 - Apply a silicone-based lubricant to the sliding parts.
 - Ensure no parts are bent or obstructed. Do not force the mechanism.
- **Load feels unstable on the ramps:**

- Re-evaluate the weight distribution of the item. Ensure it is centered and balanced.
- Confirm the ramps are parallel and at an appropriate distance for the item's wheelbase.
- Check if the total load exceeds the 270 kg capacity.

7. SPECIFICATIONS

Brand	WilTec
Model Number	61890
Material	Aluminum
Color	Black
Product Dimensions (L x W x H, extended)	213.5 x 19.5 x 5 cm
Item Weight (per ramp)	8.22 kg
Maximum Load Capacity (per pair)	270 kg
Adjustable Length	121.5 cm to 213.5 cm
Foldable	Yes

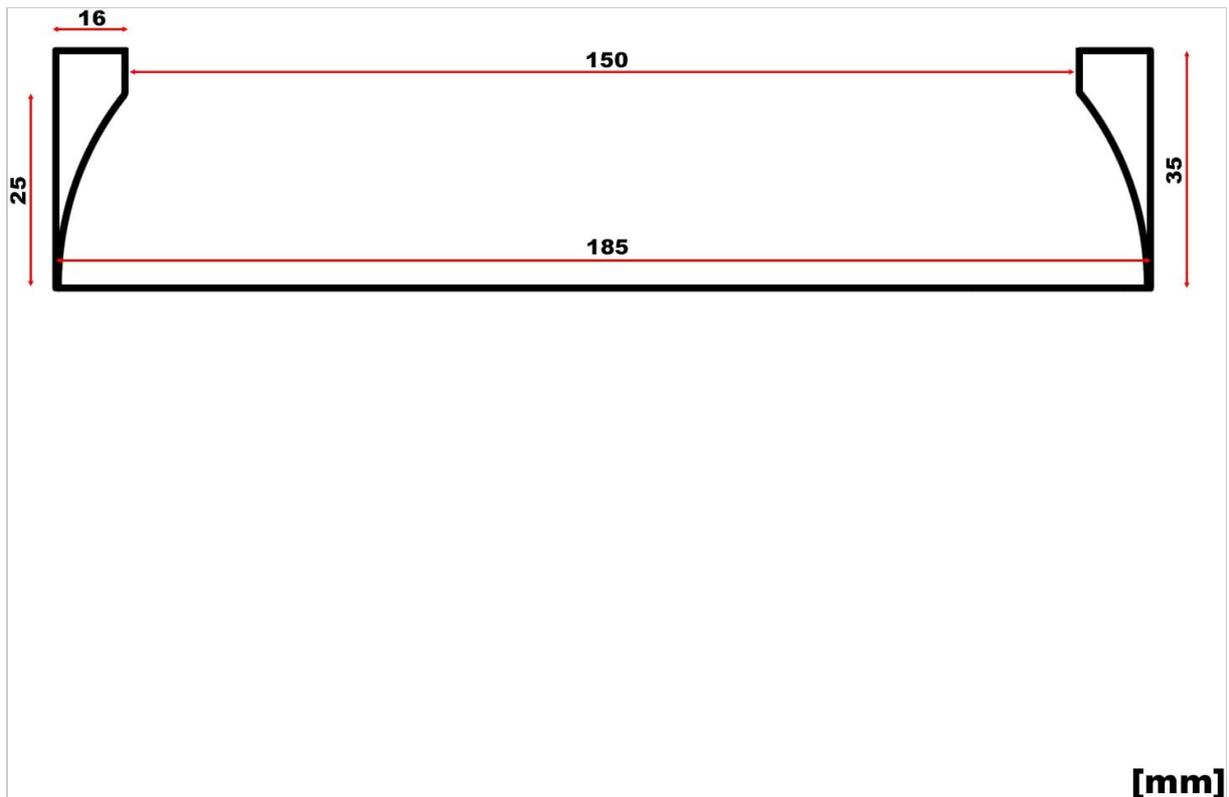


Image 7.1: Technical drawing illustrating key dimensions of the ramp in millimeters. This provides precise measurements for planning usage.

8. WARRANTY AND SUPPORT

For warranty information, product support, or to inquire about spare parts, please contact WilTec customer service directly. Refer to your purchase documentation for specific warranty terms and contact details.

You can also visit the official WilTec brand store for additional product information and support resources: [WilTec](#)

