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WilTec 30251

Wiltec Foldable Aluminum Wheelchair Ramp Instruction Manual - Model 30251 (244 cm)

1. Introduction

This manual provides essential information for the safe and effective use of your Wiltec Foldable Aluminum Wheelchair Ramp, Model 30251. Please read these instructions carefully before setup and operation to ensure proper function and user safety.

2. Safety Information

General Safety Guidelines

- Always ensure the ramp is placed on a stable, level surface.
- Verify the ramp is securely positioned against the step or threshold before use.
- Do not exceed the maximum load capacity of 270 kg (595 lbs).
- Ensure the user and mobility device are centered on the ramp during transit.
- Avoid using the ramp if it shows any signs of damage or wear.
- Keep hands and fingers clear of folding mechanisms when deploying or stowing the ramp.
- Always use caution when ascending or descending the ramp, especially in wet conditions.

Important Safety Document

For detailed safety instructions, please refer to the official safety information document provided by Wiltec.Download Safety Information (PDF).

3. Product Features

The Wiltec Foldable Aluminum Wheelchair Ramp is designed for durability, safety, and ease of use. Key features include:

- **Durable Aluminum Construction:** Lightweight yet robust, ensuring long-lasting performance.
- **High Load Capacity:** Supports up to 270 kg (595 lbs) for various mobility devices.
- **Foldable Design:** Folds in half for compact storage and easy transport, resembling a suitcase with integrated handles.
- **Anti-Slip Surface:** Features a powder-coated, textured surface for secure traction, even in damp conditions.

- **Raised Side Edges:** Provides lateral protection to prevent wheels from slipping off the ramp.
- **Secure Transition Plates:** Designed for smooth transitions onto and off the ramp.
- **Safety Pins:** For reliable fixation and stability during use.



Image: The Wiltec ramp in use, demonstrating its function for wheelchair access with a clear indication of its maximum load capacity.

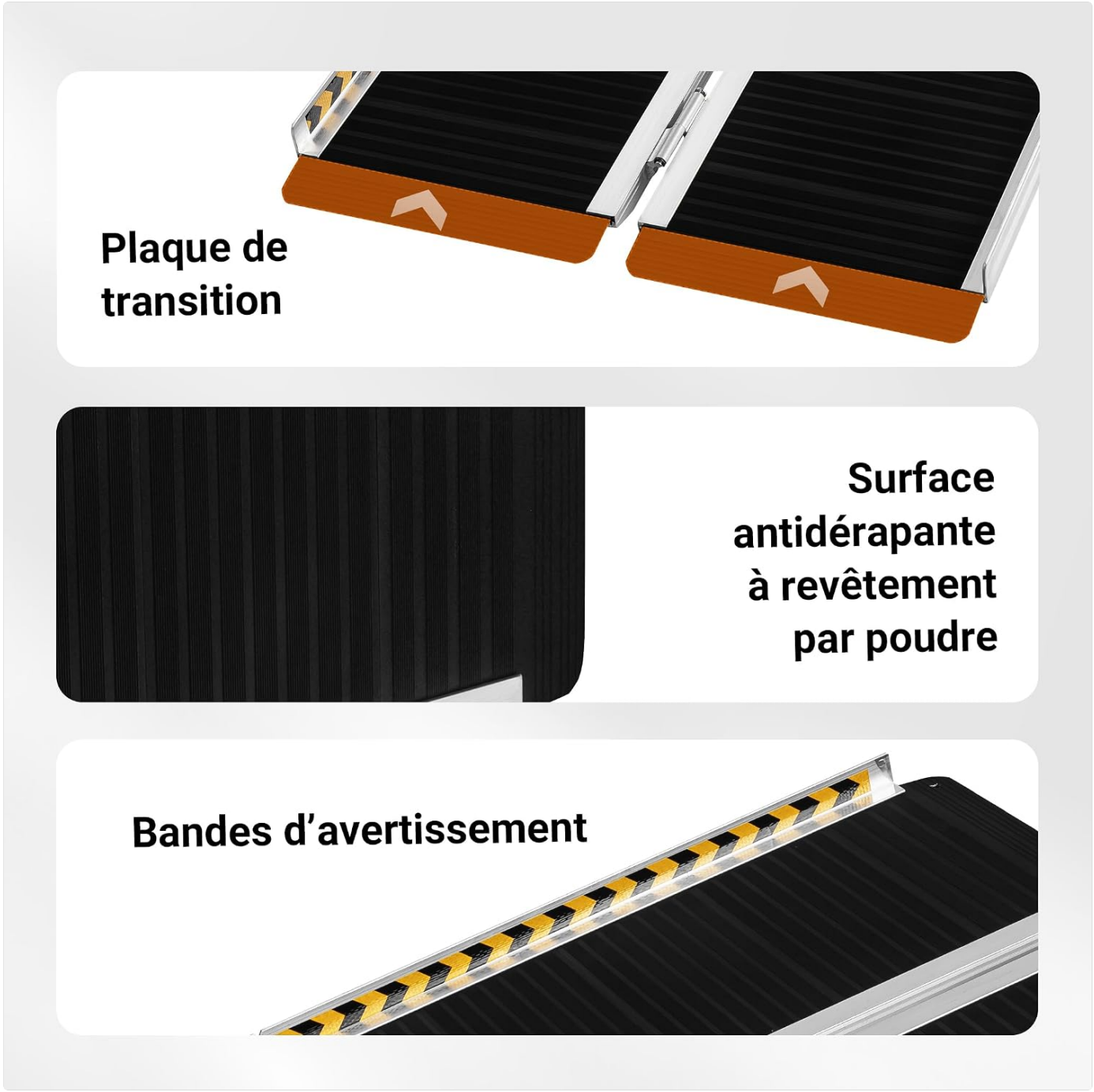

Image: Detailed views of the ramp's transition plate, anti-slip surface, and warning strips, emphasizing safety and design elements.



Image: Close-up of the ramp's secure design, featuring a safety pin for stable placement and robust hinge construction.



Image: The ramp folded and being carried, showcasing its portability and compact storage design.

4. Setup and Installation

Unfolding the Ramp

1. Place the folded ramp on a flat, stable surface near the obstacle you wish to overcome.
2. Release any securing latches or straps that hold the ramp in its folded position.
3. Carefully unfold the ramp sections until they are fully extended and flat. Ensure the hinge mechanism is fully locked into place.

Positioning the Ramp

1. Position the top edge of the ramp securely against the threshold, step, or vehicle entry point. Ensure the ramp's lip rests firmly and flatly on the upper surface.
2. Verify that the bottom end of the ramp is resting on a stable, level ground surface.

3. If equipped, insert the safety pins through the designated holes at the top of the ramp into the ground or a secure anchor point to prevent movement.
4. Check for any gaps or instability. The ramp should not rock or slide when light pressure is applied.

5. Operating Instructions

Determining the Correct Ramp Length and Height

It is crucial to select the appropriate ramp length for the height of the obstacle to ensure a safe incline. Refer to the reference table below for guidance.



Longueur de la rampe (mm)	1216	1523	1827	2128	2437	2736	3040	
Hauteur (mm)	150	190	225	266	300	340	380	Sans assistance
	200	250	300	350	400	450	500	Avec assistance
	240	300	360	420	480	540	600	Déplacement de charges en poussant

Image: A reference table showing recommended ramp lengths (mm) for various heights (mm) depending on whether assistance is provided, no assistance is used, or for pushing loads.

Using the Ramp with Mobility Devices

1. **Wheelchairs (Manual and Electric):** Approach the ramp slowly and centrally. For manual wheelchairs, an assistant

is recommended, especially for steeper inclines. For electric wheelchairs, proceed with caution and maintain a steady speed.

2. **Other Mobility Aids (Rollators, Scooters):** Ensure all wheels are on the ramp's surface. Proceed slowly and maintain balance.
3. **Hand Carts and Strollers:** Push or pull the device up or down the ramp carefully, ensuring the load is stable and within the ramp's capacity.



Image: Examples of suitable applications for the Wiltec ramp, including wheelchairs, hand carts, strollers, and rollators.

Important Usage Notes

- Always ensure the total weight of the user and the mobility device does not exceed 270 kg.
- Maintain a slow and controlled speed when traversing the ramp.
- Avoid sudden stops or turns on the ramp.
- Be extra cautious in wet, icy, or slippery conditions. Clean the ramp surface if it becomes excessively dirty.

6. Maintenance and Care

Cleaning

- Clean the ramp regularly with mild soap and water.
- Use a soft brush or cloth to remove dirt and debris from the anti-slip surface.
- Rinse thoroughly with clean water and allow to air dry completely before folding or storing.
- Do not use abrasive cleaners or solvents, as these can damage the aluminum finish and anti-slip coating.

Inspection

- Before each use, inspect the ramp for any signs of damage, such as cracks, bends, loose rivets, or worn anti-slip surfaces.
- Check the hinge mechanisms to ensure they operate smoothly and lock securely.
- Verify that all safety pins and securing mechanisms are intact and functional.
- If any damage is found, do not use the ramp. Contact Wiltec customer support for advice.

Storage

- Fold the ramp completely and secure it with any integrated latches or straps.
- Store the ramp in a dry, protected area to prevent corrosion and damage.
- Avoid storing heavy objects on top of the folded ramp.

7. Troubleshooting

Ramp Feels Unstable

- **Check Placement:** Ensure the top lip is fully seated on the upper surface and the bottom is on level ground.
- **Verify Safety Pins:** Make sure safety pins (if used) are properly inserted and secured.
- **Inspect Surface:** Ensure the ground and upper surface are stable and not slippery.
- **Load Distribution:** Confirm the load is centered and within the weight capacity.

Difficulty Folding/Unfolding

- **Check Hinges:** Ensure hinges are free of debris and not bent. Apply a small amount of silicone lubricant if stiff.
- **Clear Obstructions:** Make sure no objects are preventing the ramp from folding or unfolding smoothly.

If problems persist, discontinue use and contact Wiltec customer support.

8. Specifications

The following specifications apply to the Wiltec Foldable Aluminum Wheelchair Ramp, Model 30251 (244 cm variant):



Image: Technical drawing illustrating the unfolded dimensions (2437 mm length, 745 mm width, 51 mm height) and folded dimensions (1216 mm length, 367 mm width, 221.5 mm height) of the ramp.

Specification	Value
Model Number	30251
Material	Aluminum
Unfolded Dimensions (L x W x H)	243.7 x 74.5 x 5.1 cm (96 x 29.3 x 2 inches)
Folded Dimensions (L x W x H)	Approx. 121.6 x 36.7 x 22.15 cm (47.9 x 14.4 x 8.7 inches)
Weight	19.42 kg (42.8 lbs)
Maximum Load Capacity	270 kg (595 lbs)
Color	Black / Silver

Manufacturer	WilTec
Country of Origin	China

9. Warranty and Support

For warranty information, technical support, or replacement parts, please contact Wiltec directly. Refer to the official Wiltec website or your purchase documentation for contact details.

Contact Information

For assistance, please visit the Wiltec Brand Store on Amazon or their official website.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question