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WilTec 30240

Wiltec Double Folding Wheelchair Ramp - 122 cm

Model: 30240 | Brand: WilTec

INTRODUCTION

This manual provides essential instructions for the safe and effective use of your Wiltec Double Folding Wheelchair Ramp. This mobile aluminum ramp is designed to facilitate access for wheelchairs, scooters, and other mobility aids over obstacles such as steps or thresholds. Please read this manual thoroughly before initial use and retain it for future reference.



Image: The Wiltec Double Folding Wheelchair Ramp in use, demonstrating its robust design and ease of access for mobility devices.

SAFETY INSTRUCTIONS

Adherence to these safety guidelines is crucial to prevent injury and damage to the ramp or equipment.

- **Maximum Load Capacity:** Do not exceed the maximum load capacity of 270 kg (595 lbs). Overloading can cause structural failure and severe injury.
- **Stable Placement:** Always ensure the ramp is placed on a firm, level, and stable surface. The top lip of the ramp must rest securely on the elevated surface, and the bottom edge must be flush with the ground.
- **Secure the Ramp:** Utilize the integrated safety pins or other securing mechanisms to prevent the ramp from slipping during use.
- **Proper Angle:** Avoid excessively steep angles. A shallower incline is safer and easier to navigate. Refer to the specifications section for recommended height-to-length ratios.
- **Assistance:** Always have an assistant when moving a person in a wheelchair up or down the ramp. The assistant should be positioned behind the wheelchair when ascending and in front when descending.

- **Non-Slip Surface:** The ramp features a non-slip surface. Keep this surface clean and free from debris, water, ice, or oil to maintain traction.
- **Inspection:** Before each use, inspect the ramp for any signs of damage, wear, or loose components. Do not use a damaged ramp.
- **Children and Pets:** Keep children and pets away from the ramp during use.

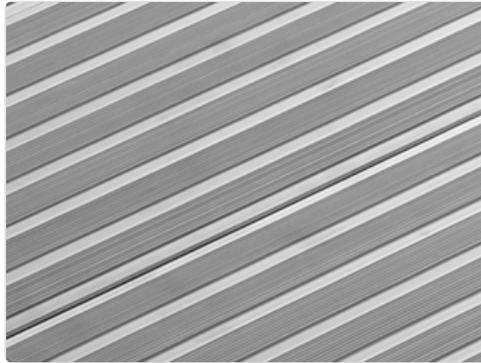


Image: Detail of the ramp's non-slip surface, designed to provide secure traction.

PRODUCT OVERVIEW

The Wiltec Double Folding Wheelchair Ramp is constructed from durable aluminum, offering a lightweight yet robust solution for accessibility. Its double-folding design allows for compact storage and easy transport.

Key Features:

- **Material:** High-strength aluminum.
- **Design:** Double folding for portability and compact storage.
- **Surface:** Grooved, anti-slip surface for enhanced traction.
- **Security:** Integrated safety pins to prevent movement during use.
- **Handles:** Ergonomic carrying handles for easy transport when folded.
- **Transition Plate:** Smooth transition plate at both ends for easy entry and exit.

Détails du produit

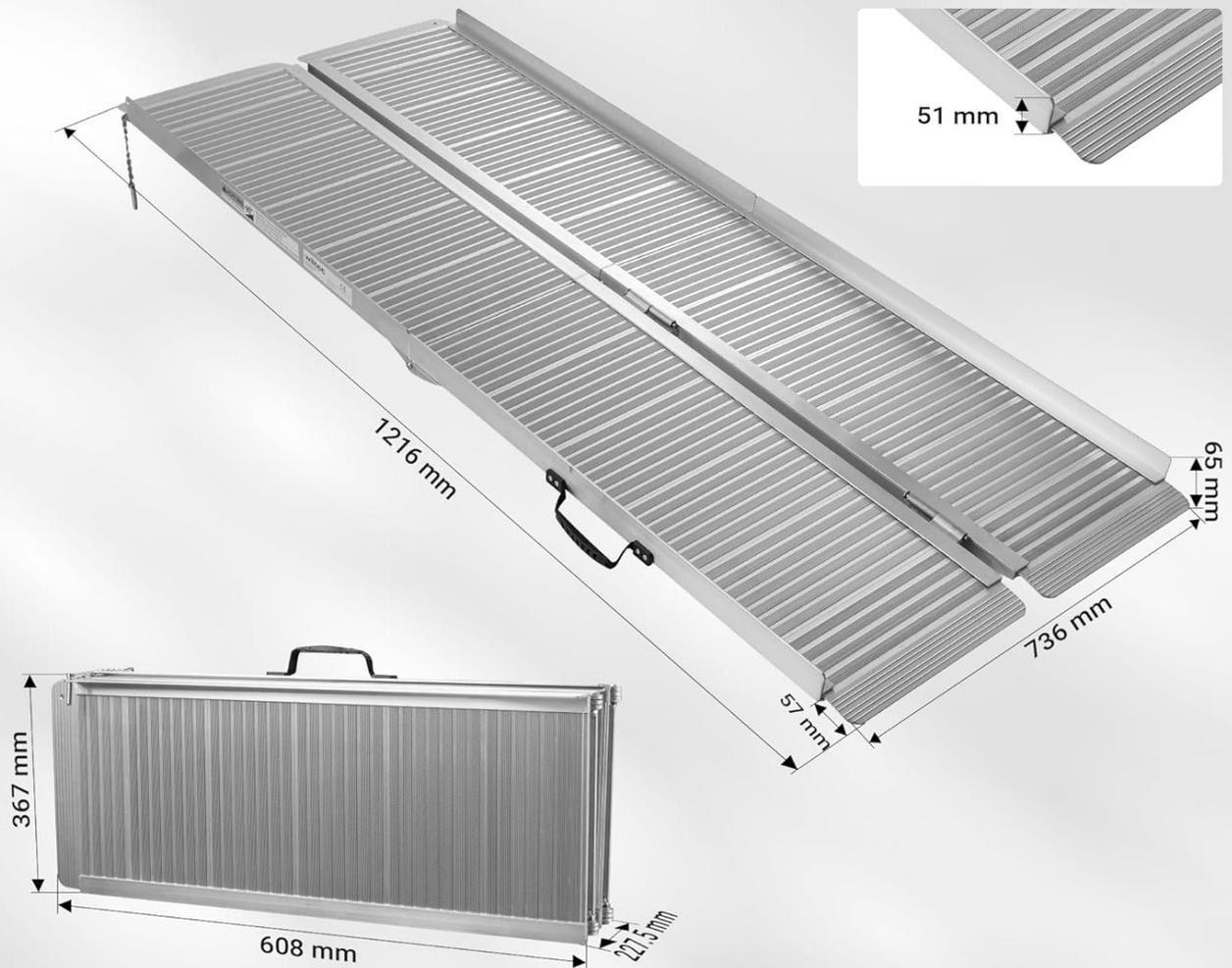


Image: Product details illustrating the ramp's dimensions in both unfolded and folded states.

Améliorée vs Standard



Image: Comparison highlighting the improved features of the ramp, including its transition plate, non-slip surface, and enhanced stability.

SETUP

- 1. Unfold the Ramp:** Place the folded ramp on a flat, stable surface. Release any securing latches and carefully unfold the ramp sections until they are fully extended.
- 2. Positioning:** Position the ramp so that the upper lip rests firmly on the edge of the elevated surface (e.g., step, vehicle floor). Ensure the ramp is centered and aligned with the path of travel.
- 3. Secure the Ramp:** Insert the safety pins through the designated holes in the ramp's upper lip and into the elevated surface, if possible. This prevents the ramp from shifting during use. If direct pinning is not possible, ensure the ramp's lip is securely seated and cannot move.
- 4. Check Stability:** Before use, apply gentle pressure to the ramp to confirm it is stable and does not wobble or slide. Ensure there are no gaps between the ramp and the ground or elevated surface.

Conception sécurisée



Image: Detail of the ramp's secure design, highlighting the safety pin for reliable fixation and the anti-slip surface.

OPERATING INSTRUCTIONS

Using with a Wheelchair (with assistance):

1. **Ascending:** The assistant should stand behind the wheelchair. Tilt the wheelchair slightly backward to lift the front casters, then push the wheelchair slowly and steadily up the ramp. Maintain a firm grip on the handles.
2. **Descending:** The assistant should face down the ramp, backing the wheelchair down slowly. Tilt the wheelchair slightly backward to lift the front casters, controlling the descent with a firm grip.
3. **Even Weight Distribution:** Ensure the weight of the wheelchair and occupant is evenly distributed across the ramp. Avoid sudden movements or turns on the ramp.

Folding for Storage:

1. **Clear the Area:** Ensure no one is on the ramp and it is free of obstructions.
2. **Remove Safety Pins:** If used, remove the safety pins from the elevated surface.

3. **Fold Sections:** Carefully fold the ramp sections inward. The ramp is designed to fold in half for compact storage.
4. **Secure Latches:** Engage any securing latches to keep the ramp in its folded position.
5. **Transport:** Use the integrated carrying handles to transport the folded ramp.



Image: The ramp folded and being carried, illustrating its compact and portable nature.

Parfait pour une large gamme d'applications



Image: Examples of the ramp's wide range of applications, including wheelchairs, hand carts, strollers, and walkers.

MAINTENANCE

- **Cleaning:** Clean the ramp regularly with mild soap and water. Rinse thoroughly and allow to dry completely before folding or storing. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check all hinges, latches, and the ramp surface for signs of wear, damage, or corrosion. Ensure all fasteners are tight.
- **Storage:** Store the ramp in a dry, protected area when not in use to prevent exposure to harsh weather conditions.

TROUBLESHOOTING

Ramp is unstable or slips:

- Ensure the ramp is placed on a firm, level surface.
- Verify the upper lip is securely seated on the elevated surface.

- Use the safety pins to fix the ramp in place.
- Check the ramp surface for any debris, water, or ice that might reduce traction.

Difficulty folding/unfolding:

- Ensure all latches are released before unfolding.
- Check hinges for any obstructions or damage. Lubricate hinges if necessary with a suitable lubricant.

SPECIFICATIONS

Brand:	WiiTec
Model Number:	30240
Material:	Aluminum
Color:	Silver (current model), Black (other variants)
Total Length:	122 cm (48 inches)
Unfolded Dimensions (L x W x H):	121.6 x 73.6 x 5.1 cm (approx. 47.9 x 29 x 2 inches)
Folded Dimensions (L x W x H):	61 x 36 x 16 cm (approx. 24 x 14.2 x 6.3 inches)
Item Weight:	10.04 kg (22.1 lbs)
Maximum Load Capacity:	270 kg (595 lbs)
Foldable:	Yes

Ramp Length Reference Table:

This table provides guidance on suitable ramp lengths for various heights, depending on whether assistance is available or if heavy loads are being pushed.

Tableau de référence

Choisir la bonne rampe



Longueur de la rampe (mm)	1216	1520	1830	2128	2432	3040	
Hauteur (mm)	150	190	225	266	300	380	Sans assistance
	200	250	300	350	400	500	Avec assistance
	240	300	360	420	480	600	Déplacement de charges en poussant

Image: Reference table for choosing the correct ramp length based on height and assistance level.

Recommended Ramp Lengths vs. Height (mm)

		Ramp Length (mm)					
		1216	1520	1830	2128	2432	3040
Height (mm)	Without Assistance	150	190	225	266	300	380
	With Assistance	200	250	300	350	400	500
	Pushing Heavy Loads	240	300	360	420	480	600

WARRANTY AND SUPPORT

Information regarding specific warranty terms for this product is not available in the provided data. For warranty claims, technical support, or inquiries about spare parts, please contact WilTec customer service directly through their official website or the retailer where the product was purchased.

Manufacturer: WilTec

Contact: Refer to the WilTec official website for current contact information.

