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MTB Hopper HOPPER-LITE-III

LITE - Portable Jump Ramp Kicker User Manual

BRAND: MTB HOPPER | MODEL: HOPPER-LITE-III

Your ultimate companion for spot hunting and urban explorations.

1. Product Overview

The MTB Hopper LITE is a lightweight, portable jump ramp designed for mountain bikes and BMX. It is ideal for riders ranging from average to advanced skill levels, perfect for spot hunting and urban explorations. Its innovative truss construction ensures stability and adaptability on various surfaces.

This ramp can be carried around with a bike as a backpack, making it highly convenient for on-the-go adventures. It is suitable for low and medium-speed jumps, enabling users to clear 3-5 meter gaps with average skill.



Figure 1: The MTB Hopper LITE jump ramp in its fully unfolded and ready-to-use configuration.

2. Key Features

- **Portability:** Designed for easy transport, can be carried as a backpack with a bike.

- **Versatile Use:** Ideal for spot hunting and urban explorations.
- **Adjustable Geometry:** Features a height adjustment amplitude from 440 mm to 515 mm, with a leg travel of 105 mm.
- **Stable Construction:** Revolutionary truss construction provides enhanced stability and adaptability to various terrains.
- **Wide Compatibility:** Smooth surface compatible with MTB, BMX, skateboards, scooters, and rollerblades.
- **Lightweight Design:** Weighs only 6.1 kg (approximately 13.4 lbs), making it easy to handle.
- **Improved Grip:** New type of rubber feet ensures better grip on different surfaces.
- **Easy Assembly/Disassembly:** Simplified process for quick setup and pack-down.

3. Setup

The MTB Hopper LITE is designed for quick and easy assembly. Follow these steps to set up your ramp:

1. **Unpack and Unfold:** Carefully remove the ramp from its packaging. Unfold the main sections of the ramp until they lie flat.
2. **Extend Legs:** Extend the support legs from the main body of the ramp. Ensure they are fully extended and locked into place for maximum stability.
3. **Adjust Height:** The ramp features an adjustable height mechanism. Locate the adjustment points on the legs and set the desired height between 440 mm and 515 mm. Ensure both sides are set to the same height for a level jumping surface.
4. **Secure Connections:** Verify all connection points and hinges are securely fastened. The innovative truss construction allows for adaptability, but proper securing is crucial for safety.
5. **Positioning:** Place the ramp on a stable, level surface. The new rubber feet provide improved grip, but always ensure the ramp does not slide during use.



Figure 2: Side view of the ramp illustrating its adjustable height range from 440 mm to 515 mm.

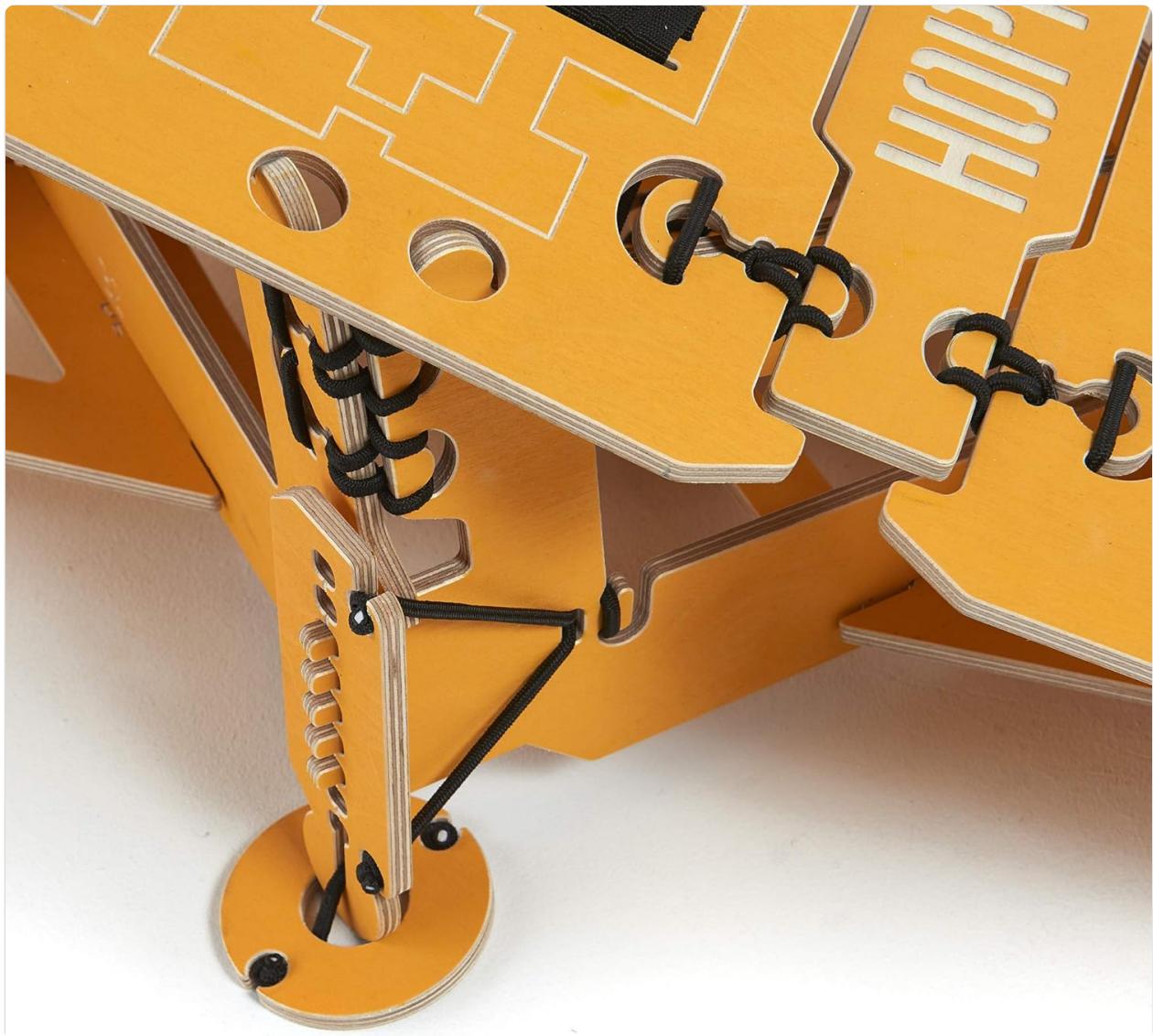


Figure 3: Detail of the leg adjustment mechanism, allowing for precise height settings.



Figure 4: Close-up view of the secure connection points that ensure the ramp's structural integrity.

4. Operating Instructions

The MTB Hopper LITE is designed for dynamic use. Adhere to the following guidelines for safe and effective operation:

- **Safety First:** Always wear appropriate safety gear, including a helmet, knee pads, and elbow pads.
- **Surface Selection:** Use the ramp on a clear, open area free from obstacles. Ensure the landing zone is smooth and safe.
- **Approach Speed:** The LITE ramp is created for low and medium-speed jumps (around 15 - 25 km/h). Adjust your speed according to your skill level and the desired jump height.
- **Pumping Technique:** Due to its shorter base, precise boosting skills are recommended for optimal performance. Focus on a smooth and controlled approach.
- **Skill Level:** This ramp is mostly suitable for more advanced riders due to the need for accurate pumping.

Beginners should approach with caution and gradually increase their skill.

- **Compatibility:** The ramp's surface is even and smooth, making it suitable for MTB, BMX, skateboards, scooters, and rollerblades.

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Video 1: Official product video demonstrating the MTB Hopper LITE and other ramps in use, showcasing setup and various jumping techniques. This video highlights the portability and versatility of the ramps in different outdoor settings.

5. Maintenance

Proper maintenance will extend the lifespan of your MTB Hopper LITE ramp:

- **Cleaning:** After each use, wipe down the ramp with a damp cloth to remove dirt, mud, and debris. Avoid harsh chemicals that could damage the material.
- **Inspection:** Regularly inspect all components, including hinges, legs, and connection points, for any signs of wear, damage, or loosening.
- **Storage:** Store the ramp in a dry, sheltered location away from direct sunlight and extreme temperatures. While durable, prolonged exposure to elements can affect its material.
- **Lubrication:** Periodically apply a small amount of lubricant to moving parts, such as hinges and adjustment mechanisms, to ensure smooth operation.



Figure 5: The ramp folded and configured for transport as a backpack, emphasizing its portability for maintenance and storage.



Figure 6: Rear view of the folded ramp, showing the integrated backpack straps for convenient carrying.

6. Troubleshooting

If you encounter issues with your MTB Hopper LITE, consider the following common solutions:

- **Ramp Instability:**

- Ensure all legs are fully extended and locked.
- Verify the ramp is placed on a firm, level surface.
- Check that all connection points are securely fastened.
- Confirm the height adjustment is even on both sides.

- **Difficulty Adjusting Height:**

- Check for any debris or obstructions in the adjustment mechanism.
- Apply a small amount of lubricant to the moving parts if they feel stiff.

- **Unusual Noises During Use:**

- Inspect the ramp for any loose components or signs of damage.
- Ensure all parts are properly assembled and tightened.

For persistent issues or concerns not addressed here, please contact customer support.

7. Specifications

Feature	Detail
Brand	MTB Hopper
Model Number	HOPPER-LITE-III
Material	Wood
Color	Orange
Item Weight	7.5 Kilograms (16.5 pounds)
Product Dimensions (L x W x H)	47.24" L x 20.47" W x 20.28" H
Load Capacity	286.6 Pounds
Is Foldable	Yes
Assembly Required	Yes
Number of Pieces	1

8. Warranty and Support

The MTB Hopper LITE comes with a **2-year manufacturer warranty**. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or any other inquiries, please contact MTB Hopper customer service through their official website or the retailer where the product was purchased.

For more information, visit the [MTB Hopper Store on Amazon](#).