Sttoraboks IBS-005

Sttoraboks Vertical Bike Stand Instruction Manual

Model: IBS-005

Product Overview

The Sttoraboks Vertical Bike Stand is a freestanding indoor bike storage solution designed for upright bicycle storage in garages, apartments, and other indoor spaces. It features adjustable height and is compatible with various wheel sizes up to 29 inches and tire widths up to 4 inches. Its portable design with lockable rolling wheels allows for easy repositioning without the need for drilling or wall mounting.



Image: The Sttoraboks Vertical Bike Stand, showcasing its design and how it holds a bicycle in an upright position, ideal for space-saving storage in a garage.

Safety Information

- Ensure all parts are securely fastened before placing a bicycle on the stand.
- Do not exceed the maximum load capacity of 55 lbs (25 kg).
- Always engage the wheel locks on the casters when the stand is in its desired position to prevent accidental movement.
- This stand is designed for bikes without fenders, baskets, or integrated stands. Attempting to use it with such bikes

may compromise stability.

- Keep children and pets away from the stand when a bicycle is mounted to prevent injury.



Image: A visual representation of the bike stand's dimensions and a clear warning that it is not suitable for bikes equipped with fenders, baskets, or integrated stands.

Setup and Assembly

The Sttoraboks Vertical Bike Stand is designed for quick and easy assembly without the need for drilling. Follow these steps for proper setup:

1. **Unpack Components:** Carefully remove all parts from the packaging. Verify that all components listed in the parts list (refer to the included manual) are present and undamaged.
2. **Assemble Base:** Connect the base components according to the diagrams, ensuring all screws and nuts are tightened securely. The four 360° lockable rolling wheels should be attached to the base.
3. **Attach Vertical Rod:** Secure the main vertical support rod to the assembled base.

4. **Adjust Base Brackets:** Adjust the V-shaped base brackets to accommodate the rear wheel of your bicycle. Ensure they are positioned for stable support.
5. **Install Seatpost Support:** Attach the reinforced seatpost support to the vertical rod at an appropriate height for your bike's seatpost.
6. **Place Rear Wheel:** Carefully place the rear wheel of your bicycle onto the adjusted base brackets.
7. **Lift Front Wheel:** Using the rear wheel as a pivot, lift the front wheel of the bicycle 90 degrees until it rests on the upper support arm.
8. **Secure Front Wheel:** Use the provided Velcro strap to secure the front wheel to the upper support arm, preventing it from turning or shifting.
9. **Final Adjustments:** Make any final height adjustments to the vertical rod and seatpost support to ensure the bike is held securely and stably.



Image: A step-by-step visual guide illustrating the assembly process, from adjusting the base to securing the bicycle.

Operating Instructions

Placing and Removing Your Bicycle

1. **Preparation:** Ensure the stand's wheels are locked if you do not intend to move it.
2. **Mounting:**
    - Roll the stand to your desired location.
    - Place the rear wheel of your bicycle into the V-shaped wheel holders at the base.
    - Lift the front wheel of your bicycle upwards, pivoting on the rear wheel, until the bike is in a vertical position.
    - Rest the bicycle's top tube or handlebars on the upper support arm.
    - Secure the front wheel to the upper support arm using the provided Velcro strap to prevent rotation.
    - Adjust the height of the upper support arm and the seatpost support as needed for optimal stability.
3. **Removal:**
    - Unfasten the Velcro strap from the front wheel.
    - Carefully lower the front wheel of the bicycle, pivoting on the rear wheel, until the bike is in a horizontal position.
    - Roll the bicycle away from the stand.

Adjusting Height and Compatibility

The stand features adjustable components to accommodate various bicycle sizes:

- **Height Adjustment:** The vertical rod's height can be freely adjusted to suit different bike frame sizes. Loosen the knob on the vertical rod, slide the upper support to the desired height, and then tighten the knob securely.
- **Wheel Compatibility:** The stand is compatible with bicycle wheels ranging from 24 inches to 29 inches in diameter. It can accommodate tire widths up to 4 inches.



Image: A close-up view demonstrating the adjustable height mechanism and the design of the upper support arm.



Image: A visual guide to the stand's compatibility with different tire widths and wheel diameters, highlighting the V-shaped wheel holders.

Moving the Stand

The Sttoraboks Vertical Bike Stand is equipped with four 360° lockable rolling wheels for easy mobility:

- **Unlocking Wheels:** To move the stand, unlock all four casters by flipping their respective locking levers.
- **Moving:** Gently push or pull the stand to its new location. The 360° rotation of the wheels allows for smooth movement in any direction.
- **Locking Wheels:** Once the stand is in its desired position, engage the locks on all four casters to prevent unwanted sliding and ensure stability.

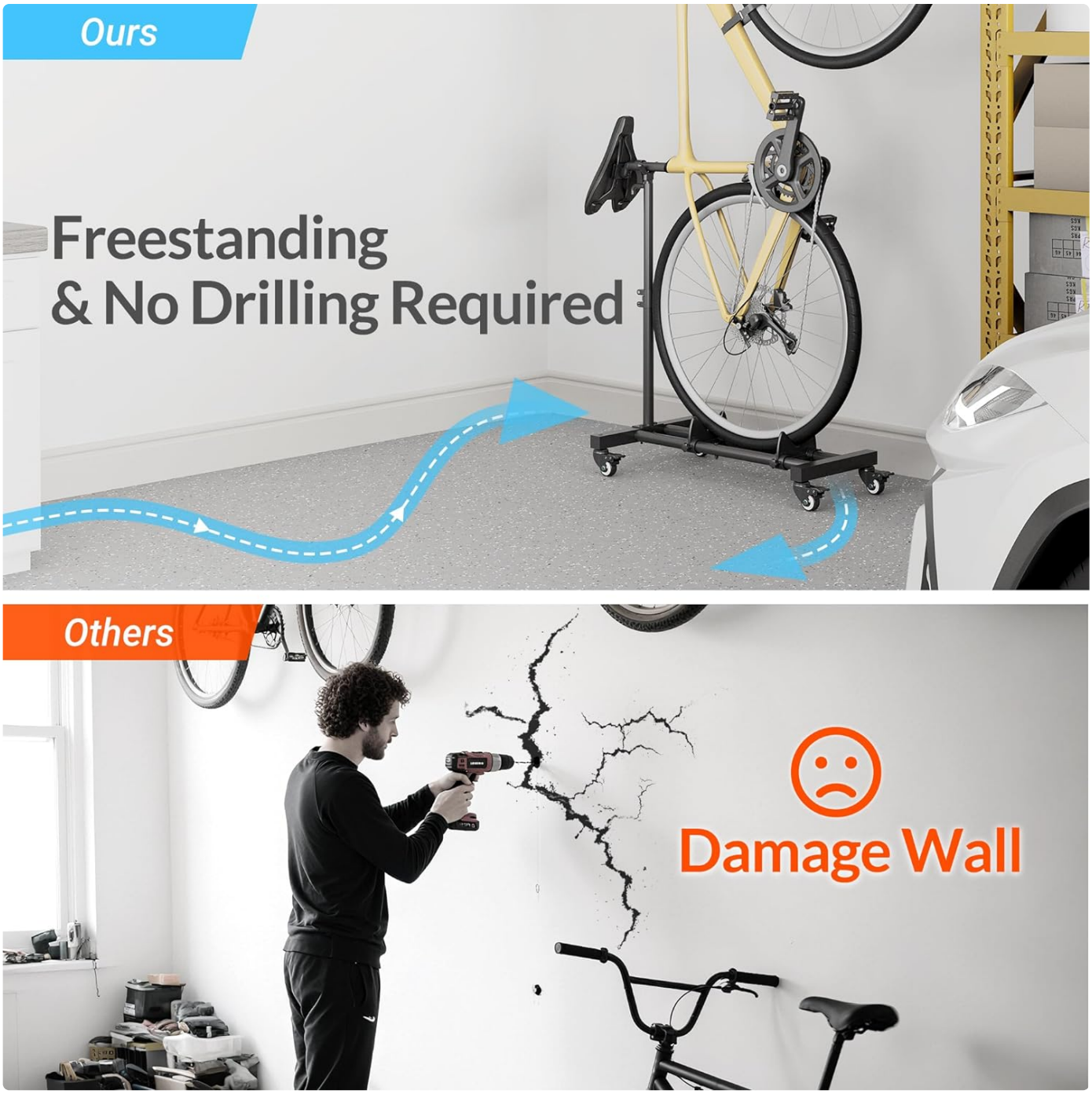


Image: A user effortlessly moving the bike stand, highlighting its portability and the convenience of its rolling wheels.



Image: Detail showing the lockable casters and the stable triangular design of the stand, along with the Velcro strap for securing the bike.

Maintenance

To ensure the longevity and optimal performance of your Sttoraboks Vertical Bike Stand, follow these simple maintenance guidelines:

- **Cleaning:** Wipe down the stand regularly with a soft, damp cloth to remove dust and dirt. Avoid abrasive cleaners that could damage the powder-coated finish.
- **Inspection:** Periodically check all bolts, nuts, and connections to ensure they remain tight. Re-tighten any loose fasteners as needed.
- **Caster Care:** Keep the wheels free of debris (hair, lint, etc.) to ensure smooth rolling. If the wheels become stiff, a small amount of silicone spray lubricant can be applied to the axle.
- **Storage:** While the stand is rustproof, storing it in a dry environment will help preserve its finish and components over time.

Troubleshooting

- **Stand is unstable:**
  - Ensure all assembly bolts are securely tightened.
  - Verify that the bicycle is properly seated in the V-shaped wheel holders and the upper support arm.
  - Confirm that the Velcro strap is securely fastened around the front wheel to prevent movement.
  - Check that the height adjustments are appropriate for your specific bicycle's dimensions.
  - Ensure the stand is placed on a flat, level surface.
- **Stand is difficult to move:**
  - Ensure all four casters are unlocked.
  - Check for any debris (e.g., hair, lint) caught in the caster wheels and remove it.
- **Bicycle does not fit the stand:**
  - Confirm your bicycle's wheel size is between 24 and 29 inches.
  - Verify your tire width does not exceed 4 inches.
  - Note that the stand is not designed for bikes with fenders, baskets, or integrated stands. Attempting to force such bikes onto the stand may result in instability or damage.

Specifications

Brand	Sttoraboks
Model Number	IBS-005
Material	Heavy-duty Powder-Coated Steel
Color	Black
Mounting Type	Freestanding
Load Capacity	Up to 55 lbs (25 kg)
Compatible Wheel Sizes	24" - 29"
Max Tire Width	4"
Product Dimensions (L x W x H)	26.81 x 16.81 x 33.58 inches (approximate, adjustable height)
Item Weight	8.18 pounds
Special Features	360° Lockable Rolling Wheels, Adjustable Height, Triangular Structure, Portable

Warranty and Support

Information regarding product warranty and customer support was not provided in the available product data. Please refer to the product packaging or the manufacturer's official website for the most up-to-date warranty details and contact information for support.

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