

- Manuals.plus /
- › Mirfee /
 - › Mirfee 1200W Electric Stair Climbing Dolly (880 lbs) User Manual

Mirfee 4980661

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Model: 4980661

1. PRODUCT OVERVIEW

The Mirfee 1200W Electric Stair Climbing Dolly is designed to assist in moving heavy objects up and down stairs with reduced physical effort. This device features a powerful motor, robust construction, and user-friendly controls to enhance efficiency and safety in material handling tasks. It is suitable for various applications, including moving furniture, appliances, and other heavy items in residential, commercial, and industrial settings.



Image 1.1: Mirfee Electric Stair Climbing Dolly with included accessories.

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions may result in serious injury or property damage.

- Always read and understand the entire manual before operating the dolly.
- Ensure the load does not exceed the maximum capacity of 880 lbs (400 kg).
- Secure all items firmly to the dolly using the provided 4-meter safety rope or other appropriate restraints.
- Maintain a firm grip on the handles during operation.
- Operate the dolly at a controlled speed. Use the speed adjustment feature as needed.
- Be aware of your surroundings and clear the path of any obstacles.
- Keep hands and feet clear of moving parts, especially the wheels and climbing mechanism.
- Do not operate the dolly on excessively steep, uneven, or slippery surfaces.

- Ensure the battery is fully charged before use and disconnect it when not in use.
- Only use manufacturer-approved replacement parts and accessories.

3. PRODUCT COMPONENTS AND FEATURES

The Mirfee Electric Stair Climbing Dolly is equipped with several features designed for efficient and safe operation:

- **1200W Powerful Motor:** Provides robust climbing power, enabling movement at approximately 60 steps per minute with minimal noise.
- **Touch-Type Operation Buttons:** Intuitive controls for speed adjustment, ascending, descending, and power on/off.
- **Smart LCD Display:** Clearly shows the current power level, allowing for timely recharging.
- **10-inch Anti-Puncture Solid Tires:** Designed for superior grip, anti-slip performance, and shock absorption on various stair types and flat surfaces.
- **S-shaped Support Arm:** Constructed from high-hardness alloy steel for enhanced load-bearing capacity and stability.
- **Foldable Design:** Allows for compact storage and transport when not in use.
- **4-meter Safety Rope:** Included for securely fastening items to the dolly during transport.

EXCELLENT MANEUVERABILITY & STABILITY



Image 3.1: Detailed view of control buttons, LCD display, and S-shaped support arm.

10" ANTI-PUNCTURE SOLID TIRE

Stronger grip and higher load-bearing strength

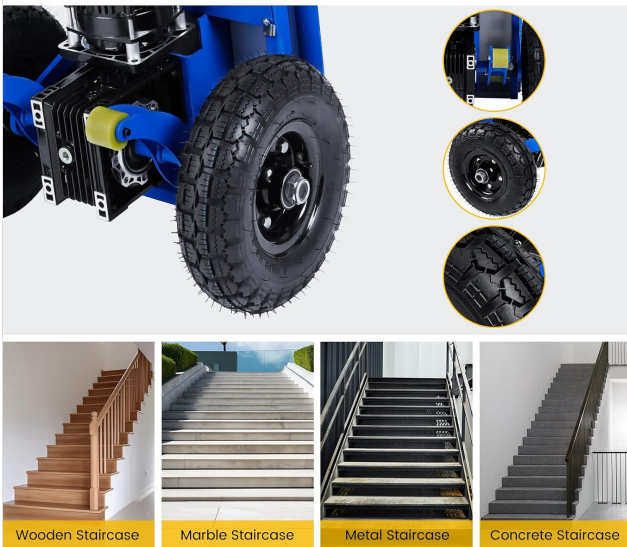


Image 3.2: The 10-inch anti-puncture solid tire, suitable for various stair materials.

10" Anti-puncture Solid Tire

Pneumatic tires and high-abrasive and anti-slip support wheels which offer excellent traction and maneuverability, the stair climber is capable of running around most terrains and surfaces



Image 3.3: Illustration of the powerful 1200W motor providing climbing capability.

Simple and Easy to Operate

No tools are required, and you can use it quickly

Keep your body upright, close to the armrest, and lean forward

Hold the machine with both hands straight, and press down the stair climber restraining the overturning force when going upstairs

The operator goes back one step after the stair climber goes upstairs one step

Best operating positions: the third step



Image 3.4: Detail of the S-shaped support arm for stability and load bearing.

4. SETUP

Before first use, ensure the dolly is fully assembled and the battery is charged.

1. **Unfolding the Dolly:** Carefully unfold the dolly from its compact storage position. Ensure all locking mechanisms are engaged to secure the frame in its operational state.
2. **Battery Installation:** Insert the charged battery into its designated compartment. Ensure it is securely connected.
3. **Handle Adjustment:** Adjust the handle height to a comfortable position for operation.
4. **Pre-Operation Check:** Verify that all wheels are properly attached and rotate freely. Inspect the power cord and plug for any damage.

EASY TO CARRY AND STORE



Image 4.1: Unfolded and folded dimensions of the dolly for setup and storage.

5. OPERATING INSTRUCTIONS

Follow these steps for safe and effective operation of your electric stair climbing dolly.

1. **Load Placement:** Place the item to be moved onto the dolly's platform. Ensure the weight is centered and stable.
2. **Secure the Load:** Use the 4-meter safety rope to firmly secure the item to the dolly. Ensure there is no movement or shifting of the load.
3. **Power On:** Press the 'On/Off' switch to power on the dolly. Check the LCD display for battery level.
4. **Speed Selection:** Use the speed adjustment button to select an appropriate speed for the load and stair conditions. Start with a lower speed until comfortable.

5. Ascending Stairs:

- Position the dolly at the base of the stairs.
- Keep your body upright, close to the armrest, and lean slightly forward.
- Hold the machine with both hands straight.
- Press the 'Up Stairs' button. The dolly will begin to climb.
- The operator should take one step back after the stair climber goes up one step, maintaining control and balance.

6. Descending Stairs:

- Position the dolly at the edge of the top step.
- Turn the S-shaped arm to the downward position.
- Press the 'Down Stairs' button. The dolly will slowly descend.
- Maintain control and balance throughout the descent.

7. **Power Off:** Once the task is complete, press the 'On/Off' switch to power off the dolly and disconnect the battery if storing for an extended period.



Image 5.1: Visual guide for operating the dolly on stairs.



Image 5.2: Example of securing a large item with the 4-meter adjustment rope.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Mirfee Electric Stair Climbing Dolly.

- **Cleaning:** Wipe down the dolly with a damp cloth after each use to remove dirt and debris. Avoid using harsh chemicals or abrasive cleaners.

- **Battery Care:**

- Charge the battery fully after each use.
- If storing the dolly for an extended period, charge the battery every 1-2 months to maintain its health.
- Store the battery in a cool, dry place.

- **Tire Inspection:** Regularly check the 10-inch solid tires for wear and tear. While anti-puncture, excessive wear can affect grip.

- **Fastener Check:** Periodically inspect all bolts, screws, and connections to ensure they are tight and secure. Tighten any loose fasteners.

- **Motor and Mechanism:** Keep the motor area and climbing mechanism free from obstructions. Do not attempt to lubricate internal components unless specified by the manufacturer.

7. TROUBLESHOOTING

If you encounter issues with your Mirfee Electric Stair Climbing Dolly, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Dolly does not power on.	Battery is not charged or not connected properly.	Ensure battery is fully charged and securely inserted. Check power switch.
Dolly moves slowly or struggles to climb.	Low battery charge; Overload; Incorrect speed setting.	Charge battery; Reduce load to within 880 lbs capacity; Increase speed setting.
Unusual noise during operation.	Loose components; Obstruction in climbing mechanism.	Inspect for loose parts and tighten. Check for and remove any obstructions. If noise persists, contact support.
Load feels unstable.	Load not properly secured; Weight distribution is off.	Re-secure the load with the safety rope. Re-position the load to ensure even weight distribution.

If the problem persists after attempting these solutions, please contact Mirfee customer support for further assistance.

8. SPECIFICATIONS

Feature	Specification
Brand	Mirfee
Model Number	4980661
Motor Power	1200W
Load Capacity	880 Pounds (400 kg)
Material	Rubber (Tires), Alloy Steel (Frame)
Color	Black / Blue

Feature	Specification
Wheel Type	10-inch Solid Anti-Puncture
Number of Wheels	1 (main climbing wheel)
Safety Rope Length	4 meters
UPC	643850109754

9. WARRANTY AND SUPPORT

Mirfee is committed to providing reliable products and excellent customer service. This product comes with a manufacturer's warranty against defects in materials and workmanship under normal use. For specific warranty details, duration, and terms, please refer to the warranty card included with your product or visit the official Mirfee website.

If you have any questions, require technical assistance, or need to report an issue, please contact Mirfee customer support through the following channels:

- **Online Support:** Visit the [Mirfee Store on Amazon](#) for product information and support options.
- **Email:** Refer to your product packaging or included documentation for direct email support.

Please have your model number (4980661) and purchase date ready when contacting support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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.

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