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MERACH MR-2429B2

MERACH Outdoor Trampoline User Manual

Model: MR-2429B2

Introduction

This manual provides essential information for the safe assembly, operation, and maintenance of your MERACH Outdoor Trampoline. Designed for family fun and fitness, this trampoline features a robust construction and comprehensive safety measures. Please read this manual thoroughly before assembly and use to ensure optimal performance and user safety.



Image: The MERACH Outdoor Trampoline, showcasing a family enjoying the jumping area, enclosed by the safety net.

Safety Information

Your safety is paramount. The MERACH trampoline is designed with multiple safety features. Adhere to the following guidelines to prevent injuries:

- **High-Density Safety Net:** Always ensure the safety net is properly installed and secured before use. This net is designed to prevent users from falling off the jumping surface.
- **Padded Spring Cover:** The trampoline includes a padded spring cover to protect users from direct contact with the springs and frame. Ensure it is always in place and undamaged.
- **Anti-Slip Ladder:** Use the provided anti-slip ladder for safe entry and exit. Do not attempt to climb onto or off the trampoline without using the ladder.
- **Industrial-Grade T-Connectors:** The frame utilizes robust T-connectors for enhanced stability. Regularly inspect all connections for tightness and integrity.
- **Maximum Weight Capacity:** The trampoline has a maximum load capacity of 150 kg (approximately 330 lb). Do not exceed this weight limit. Only one person should jump at a time to avoid collisions.
- **Supervision:** Children should always be supervised by an adult while using the trampoline.
- **Clearance:** Ensure adequate overhead and surrounding clearance from walls, fences, trees, and other obstacles.
- **Weather Conditions:** Do not use the trampoline in strong winds, rain, or other adverse weather conditions.



Image: Detailed view of the trampoline's safety components, including the dense PE safety net, anti-slip ladder, protective spring padding, and reinforced T-connections, highlighting the design for family safety.



Image: Illustration emphasizing the 150 KG maximum weight capacity and the robust W-shaped leg design, ensuring stability and durability.

Components Included

Your MERACH Outdoor Trampoline package includes the following components:

- Trampoline Frame and Legs (Galvanized Steel)
- Jumping Mat (Polypropylene)
- High-Strength Springs
- Safety Enclosure Net
- Padded Spring Cover
- Anti-Slip Ladder
- Basketball Hoop Attachment
- Basketball

- Pump
- Assembly Hardware and Tools
- User Manual

Setup and Assembly

The MERACH trampoline is designed for straightforward assembly. Follow the step-by-step instructions provided in the included guide. No special tools are required beyond what is supplied.

1. **Unpack Components:** Carefully unpack all components and verify against the components list.
2. **Assemble Frame:** Connect the galvanized steel frame sections according to the diagrams. Ensure all T-connectors are securely fastened.
3. **Attach Legs:** Securely attach the W-shaped legs to the main frame.
4. **Install Jumping Mat and Springs:** Attach the jumping mat to the frame using the high-strength springs. Follow the pattern specified in the assembly guide to ensure even tension.
5. **Install Spring Cover:** Place the padded spring cover over the springs and frame.
6. **Erect Safety Net:** Assemble and erect the safety enclosure net around the trampoline. Ensure the net poles are securely attached and the net zipper functions correctly.
7. **Attach Ladder and Basketball Hoop:** Install the anti-slip ladder and the basketball hoop attachment.
8. **Final Check:** Before first use, double-check all connections, bolts, and safety features to ensure they are correctly assembled and tightened.



Image: A visual guide illustrating the simple three-step assembly process of the MERACH trampoline, from frame setup to complete installation with the basketball hoop.

Operating Instructions

To ensure a safe and enjoyable experience, follow these operating guidelines:

- **Entry and Exit:** Always use the provided ladder to enter and exit the trampoline.
- **One Jumper at a Time:** For safety, only one person should jump on the trampoline at any given time to prevent collisions and loss of control.
- **Controlled Jumping:** Jump in the center of the mat. Avoid attempting flips or dangerous stunts unless properly trained and supervised.
- **Basketball Feature:** The integrated basketball hoop provides additional fun. Use the included basketball and pump. Ensure the hoop is securely attached before playing.
- **Health Benefits:** Regular trampoline use can improve core strength, enhance physical power, and reduce stress on joints compared to other high-impact activities.



Image: A child engaging with the basketball hoop on the trampoline, accompanied by text detailing the health benefits of trampolining, such as training core muscles, improving physical strength, and reducing knee impact.

Maintenance

Regular maintenance will extend the life of your trampoline and ensure continued safety:

- **Inspect Regularly:** Periodically check all components for wear and tear, especially the jumping mat, springs, safety net, and frame connections.
- **Clean:** Clean the jumping mat and safety net with mild soap and water. Avoid harsh chemicals.
- **Rust Prevention:** The galvanized steel frame is designed for outdoor use and corrosion resistance. However, inspect for any signs of rust and address promptly.
- **Secure Components:** Ensure all bolts and fasteners are tight. Re-tighten as necessary.
- **Winter Storage:** If possible, disassemble and store the trampoline indoors during winter months or periods of prolonged non-use to protect it from extreme weather.

Troubleshooting

Here are solutions to common issues you might encounter:

Problem	Possible Cause	Solution
Trampoline feels unstable.	Loose frame connections or uneven ground.	Check and tighten all bolts. Ensure the trampoline is placed on a flat, level surface.
Poor bounce.	Damaged or stretched springs, or incorrect spring installation.	Inspect all springs for damage. Replace any broken or stretched springs. Ensure springs are installed correctly and evenly.
Safety net sagging or torn.	Improper installation or material wear.	Re-tension the net according to assembly instructions. If torn, replace the safety net immediately.
Squeaking noises during use.	Friction between metal parts or dry springs.	Apply a silicone-based lubricant to spring hooks and frame joints.

Specifications

Feature	Detail
Brand	MERACH
Model Number	MR-2429B2
Color	Black
Frame Material	Galvanized Metal
Jumping Mat Material	Polypropylene (PP)
Shape	Round
Maximum Weight Capacity	150 Kilograms (approx. 330 lbs)
Available Sizes	10FT (305 cm), 12FT (366 cm), 14FT (427 cm), 16FT (488 cm)
Product Dimensions (packaged)	149 x 21 x 57 cm; 56.5 kilograms
Components Included	Trampoline, Basketball Hoop, Ball, Pump

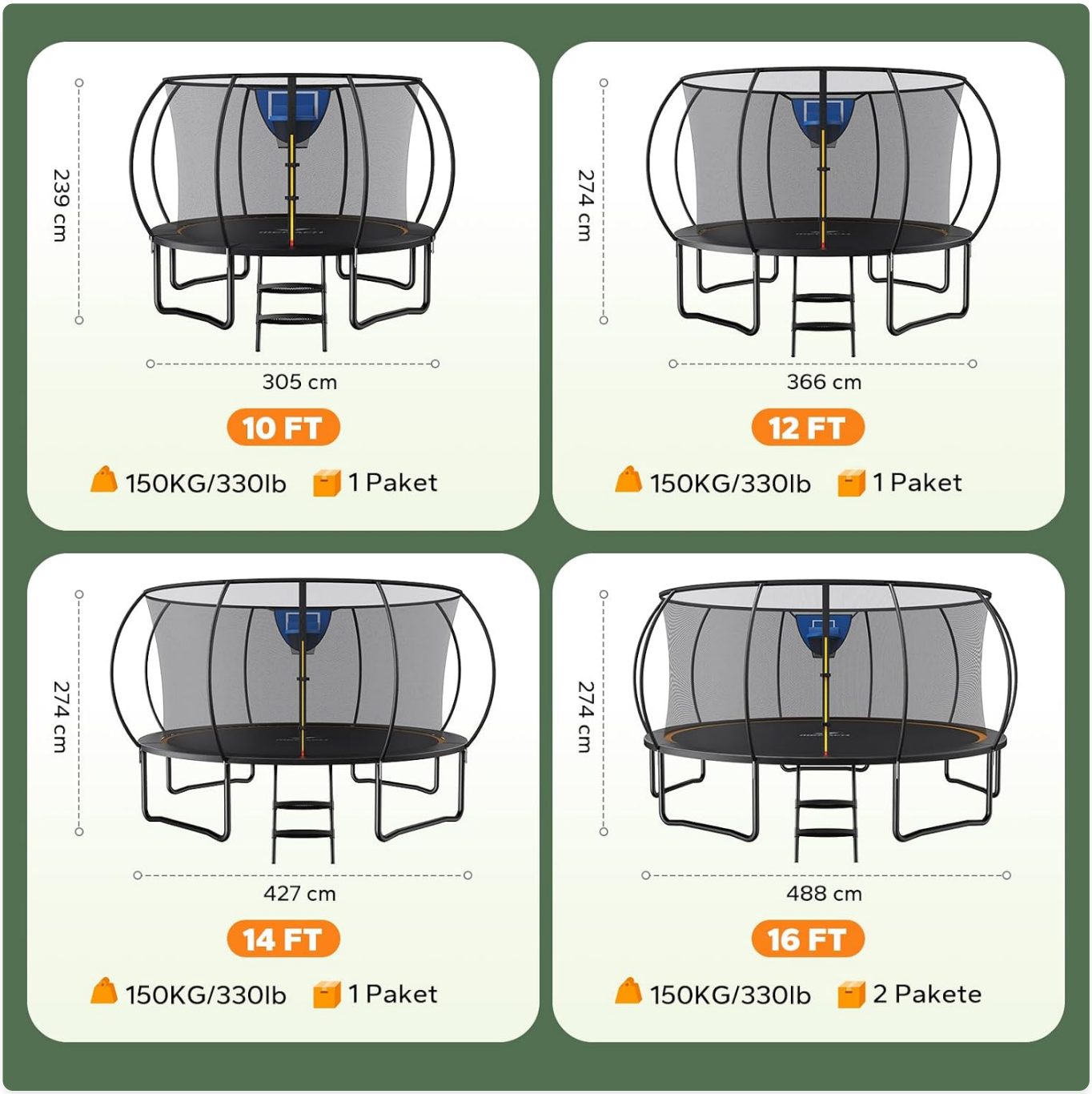

Image: A comparative diagram illustrating the various sizes available for the MERACH trampoline (10FT, 12FT, 14FT, 16FT), along with their respective dimensions and packaging details.



Image: A close-up view of the trampoline's high-quality, double-tension springs, emphasizing their durability and performance, tested for over 50,000 jump cycles.

Warranty and Support

MERACH stands behind the quality of its products. Your trampoline comes with a**one-year warranty** from the date of purchase.

For any questions, concerns, or technical assistance, our**24-hour online customer service** is available to support you. Please refer to your purchase documentation for contact details or visit the official MERACH website.

We are committed to ensuring your satisfaction and providing a positive experience with your MERACH trampoline.

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