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Raynesys Raynesys Heavy Duty Foldable Wagon

Raynesys Heavy Duty Foldable Wagon Instruction Manual

Model: Raynesys Heavy Duty Foldable Wagon

INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient use, setup, and maintenance of your Raynesys Heavy Duty Foldable Wagon. Designed for versatility and durability, this all-terrain utility wagon is ideal for transporting heavy loads for various outdoor activities, including beach trips, camping, gardening, and shopping.



Figure 1: Raynesys Heavy Duty Foldable Wagon ready for use.

KEY FEATURES

- Heavy Duty & Large Capacity:** Features a double-chassis stable design with high-strength steel and alloy-grade plastic parts, supporting up to 200 kg (440 lbs). Offers a roomy internal volume of 200L (7 cubic feet).
- All-Terrain Wheels:** Equipped with 7-inch diameter big all-terrain wheels that are three times wider than standard wagon wheels, suitable for sand, mud, grass, bumps, and curbs. Front wheels include 360° swivel and brakes for safety and usability.
- Easy to Use & Clean:** Unique frame structure allows for setup in seconds with no assembly required. The fabric is made from 600D oxford double-layer material, which is tear-resistant, removable, and washable.
- Compact Storage:** Internal pull rope design enables one-hand folding in seconds. When folded, dimensions are approximately 15.4" x 10.2" x 28", making it easy to store in a trunk or behind a seat.
- Versatile Use:** Ideal for transporting groceries, beach gear, camping equipment, laundry, and sports supplies.

HEAVY DUTY & LARGE CAPACITY



440LBS

Max. Load Bearing

>



220LBS

Loading



200L

Roomy Storage Space

>



127L

Capacity

Capacity \approx 10 x Bottled Water (5 Gallons)



1 Steady Double Chassis



2 High Strength Carbon Steel Frame



3 Weather-proof Sturdy PC+ABS Connectors

Figure 2: Heavy duty and large capacity features.

ALL TERRAIN PU WHEEL

Wider and solid



Noise Reduction



Smooth Rolling



Slip Resistance



Wear Resistance



APPLICABLE SCENARIOS



Figure 3: Wider and bigger all-terrain wheels with 360° swivel and brakes.

600D OXFORD CLOTH

Dense stitching, durable and long-lasting



Detachable:
Easy to remove for cleaning



Tear-resistant:
Double-layer fabric for strong tenacity



Water-resistant:
Protect your items, perfect for outdoor use

Figure 4: Durable and washable 600D Oxford fabric.

SETUP

The Raynesys wagon is designed for quick and easy setup, requiring no assembly of complex parts.

1. **Unfold the Wagon:** Pull the four corners of the wagon outwards in all directions until the frame is fully extended.
2. **Secure the Base:** Press down on the two frames inside the wagon to secure its open position. Place the provided hollow-plate bottom plate firmly at the base of the wagon.
3. **Attach Wheels (if detached):** Ensure all four 7-inch solid PU wheels are securely clicked into place. The front wheels, which have brakes, should be at the handle side.
4. **Adjust Handle:** The handle can be adjusted by 90 degrees back and forth, and its height can be extended from 36.4 inches to 46 inches for comfortable pulling.

Your browser does not support the video tag.

Video 1: Raynesys Beach Wagon Carts - Set Up Quickly. This video demonstrates the quick setup process of the wagon, including unfolding and securing the base.

OPERATING INSTRUCTIONS

- **Loading the Wagon:** Place items evenly inside the wagon, ensuring not to exceed the 440 lbs (200 kg) weight limit. Utilize the two water bottle pockets and zippered mesh pocket for smaller items.
- **Transporting:** Adjust the handle to a comfortable height and angle. The 360° swivel front wheels allow for easy maneuverability across various terrains.
- **Using Brakes:** Engage the brakes on the front wheels when the wagon needs to remain stationary, especially on inclines or uneven surfaces.
- **Folding for Storage:** To fold, first remove the bottom plate from the cart. Then, locate the internal pull rope in the middle of the wagon and pull upwards. The sides will collapse inwards. Secure the folded wagon with the attached Velcro strap.

Your browser does not support the video tag.

Video 2: Large Capacity Collapsible Wagon Cart in Use. This video demonstrates the wagon's large capacity and ease of use in various scenarios.



CONVENIENT STORAGE



Figure 5: Convenient storage dimensions when folded.

MAINTENANCE

- Cleaning the Fabric:** The 600D oxford double-layer fabric is removable and washable. For general cleaning, wipe with a damp cloth. For deeper cleaning, detach the fabric and hand wash with mild soap and water. Allow to air dry completely before reattaching.
- Frame Care:** Wipe the steel frame and plastic parts with a damp cloth to remove dirt and debris. Avoid harsh chemicals that may damage the finish.
- Wheel Maintenance:** Regularly check wheels for any debris or obstructions. Clean thoroughly.
- Post-Seawater Use:** If used in seawater, ensure to dry the wagon thoroughly immediately after use to prevent corrosion. Do not soak in seawater continuously for more than 24 hours.

TROUBLESHOOTING

- Wagon not unfolding/folding smoothly:** Ensure the internal pull rope is fully extended/retracted and that no fabric or items are obstructing the frame's movement. Check that the bottom plate is correctly positioned.
- Wheels not swiveling/rolling properly:** Inspect wheels for trapped sand, dirt, or debris. Clean thoroughly. Ensure the wheel brakes are disengaged.
- Reduced load capacity:** Verify that the bottom plate is correctly installed and fully supporting the base. Ensure the weight limit of 440 lbs is not exceeded.

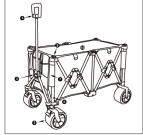
SPECIFICATIONS

Feature	Detail
Brand	Raynesys
Product Dimensions (Unfolded)	39.37"D x 20.47"W x 19.29"H
Folded Dimensions (Approx.)	15.4" x 10.2" x 28"
Material	Carbon Steel, Plastic, 600D Oxford Fabric
Color	Beige+blue
Item Weight	26.5 Pounds
Weight Limit	440 Pounds (200 kg)
Storage Capacity	200L (7 cubic feet)
Wheel Diameter	7 inches
Special Features	Collapsible, Foldable, Scratch Resistant, All-Terrain Wheels, Adjustable Handle

WARRANTY & SUPPORT

For specific warranty information and customer support, please refer to the documentation included with your purchase or visit the official Raynesys website. Contact details for support are typically found on the product packaging or the manufacturer's online portal. You can also visit the [Raynesys Store on Amazon](#) for more product information and assistance.

Folding Wagon Assembly Instruction
RAY-1



1. Unfolding / Storing Instructions
Press 2 handle (1) to unfold the wagon and the tape (2) to fold the wagon.



2. Cloth Bag Removal Instructions
Unfasten 4 metal tapes on corners (3), unfasten 4 fixing points (4), and remove the cloth bag (5) from the wagon.



3. Wheels Removal Instructions
Press the nut lock (6) to remove the wheels and handles. The wheel can be replaced if the wheel is broken.



4. Moving Instruction After Folding
Put it on the shoulder or carry it by your hand. If the hand hole (7) is used, please pay attention to the wagon weight.



5. Product Parameters

Unfolding Size: 102.71" x 39.37"	Folding Size: 48.4" x 36.2" x 21.65"
Product Weight: 30.01 lbs / 13.6 kg	
Bearing Load: 440 lbs / 200 kg	

6. Product Accessory
2 hook type can assist to fix the handle in the wagon. They can be fixed on the handle hole (7) with 2-speed buckle in instructions and tools.

⚠ Warning

1. This wagon is NOT designed for transporting the children or adults.
2. The wagon is NOT RECOMMENDED to be used for transporting the children or adults. Please do not let the children to pull the wagon or stand inside for playing.



Raynesys Folding Wagon Assembly Instructions and Product Guide (RAY-1)

Comprehensive assembly guide for the Raynesys RAY-1 folding wagon. Includes step-by-step instructions for unfolding, storing, cloth bag removal, wheel replacement, and safe operation.

Features product specifications and important safety warnings.