Bicycle Cargo Trailer

Model:CT1027



Important: Keep these instructions for future reference

SAFETY INSTRUCTIONS

⚠WARNING

Failure to comply with the instructions and warnings in this manual could result in serious injury or death of the rider.

1. Warning-To reduce the risk of injury, user must read instructions manual carefully.
2. The product complies with relevant standards and regulations. Installation of this device must comply with all applicable regulations, and it should only be operated in well-ventilated areas. Please read the user manual before installing and using this equipment.
3. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
4. Children shall not play with the appliance.
5. This product is intended to be used in household and similar applications such as:goods moving/grocery shopping.
6. Please properly keep product. Check whether the product is abnormal before use. If it is abnormal, please stop using it.
7. Please use the product according to the intended use, warn of potential injury from misuse.

- DO NOT use the trailer to transport child or pet. DO NOT use the trailer as a toy.
- DO NOT use the trailer without connecting to a bicycle.
- Ensure that all locking devices are engaged before use.
- This product is not suitable for running or skating
- Any load attached to the handle and/or on the back of the backrest and/or on the sides of the vehicle will affect the stability of the vehicle.
- Accessories which are not approved by the manufacturer shall not be used.
- Only use replacement parts supplied or recommended by the manufacturer.

- Do NOT use it with a total load that exceeds the weight limits. If recommended load is exceeded, the unit may become unstable.
- DO NOT make modifications to the product.
- DO NOT over-inflate the tires. Failure to comply with the rated tire sidewall pressure may lead to explosion of the tire and possible injury.
- It is recommended that a qualified bicycle mechanic does a safety check of the towing bicycle before attaching the trailer.
- Before each ride, be sure the trailer does not interfere with braking, pedaling or steering of the bicycle.
- Always comply with local regulations when using the trailer on public roadways.
- Never ride a bicycle at night without adequate lighting.
- Obey all local legal requirements for lighting.
- If you need to come to a stop for any reason, such as to make adjustments or to address a flat tire, be sure to pull off the road completely.
- When using your trailer, you are towing extra weight and a bigger vehicle. You must allow more time for braking, slowing, stopping and starting, and allow more room for turns and passageways. Experiment with the loaded trailer in an uncongested area until you become familiar with how your bike handles towing a trailer.
- Avoid rocks, curbs, hard braking and sudden swerving. Avoid riding over obstacles with one wheel, as this may cause the trailer to tip over.
- Always ride with the cover down to secure the cargo.
- The rider of the bicycle must be at least 16 years old .
- Recommended speed limits: - 16 km/h (10 mph.) on smooth, straight roads - 8 km/h (5 mph.) when turning or on uneven roads
- Tongue weight measurement: The downward force at the hitch coupler should be between 30 N(≈3 kg /6.6 lbs.) and 80 N (≈8 kg/17.6 lbs.).

How to measure:

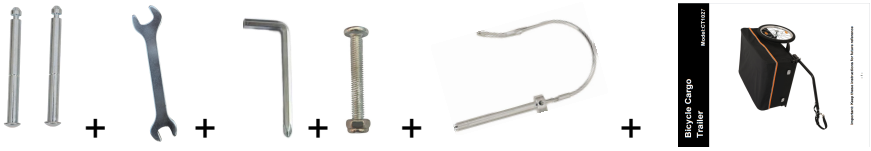
1. Fully load the trailer.
2. Place a bathroom scale under the hitch coupler (the end that attaches to the bike).
3. Lower the coupler onto the scale so the tow bar is horizontal.
4. The reading on the scale should be between 6.6 lbs. and 17.6 lbs.

Alternative: Use a luggage scale to lift the coupler and read the force directly.

MODEL AND PARAMETERS

Model	CT1027
Type	Tow
Storage Bin Size	34.6*24.2*14.3 inch
Wheels	Aluminum，20*1.75 inch
Material	Steel，Oxford cloth

CONTENTS

	
1 x Main frame	2 x Wheels
	
2 x Collision barrier 4 x M6*45 Bolts	4 x Reflective lamp
	
1 x Tow bar（Includes 1 x Coupler）	1 x Box Cover
	
2 x Axle + 1 x (8-10mm)Wrench + 1 x M6*45 Bolts + 1 x 4mm Hex key + 3 x D-type pin(6x35*2,6x45*1) + 1 x User Manual	

HOW TO ASSEMBLE

1. Opening the Main Frame and install the Tow bar

Take out the trailer's main frame and all other components from the carton. Raise all side frames to an upright position (Figure 1, Figure 2).



Figure 1



Figure 2

（Figure 3）Insert the Support Rod

Hold the black support rod and align it with the mounting hole on the side of the main body. Insert the rod smoothly into place, ensuring it is fully seated and not tilted.

（Figure 4） Lock the Support Rod

Locate the spring-loaded metal clip (U-pin) at the mounting position. Pass it through the pre-drilled hole at the end of the support rod, then press it firmly until you hear a "click", indicating the lock is engaged.

Verification: Gently shake the support rod to confirm it is securely fastened and the clip does not come loose. Repeat the above steps to install the support rod on the opposite side.



Figure 3



Figure 4

2.Install the Foot Guard



Figure 5



Figure 6

(Figure 5)Pre-install Screws and Align the Guard

Insert the screws through the pre-drilled holes on the frame. Hold the foot guard (shark-fin shaped part) and align its mounting holes with the protruding screws.

(Figure 6)Secure the Foot Guard

Press the foot guard firmly into place so the screws fully pass through the mounting holes. Tighten the screws securely with the included Allen key until the guard sits flush against the frame with no play.

Final Check

Gently wiggle the foot guard to confirm it is securely fastened with no movement or loose screws.

3.Attaching the Wheels

Align the mounting base of the Traction Bar with the reserved interface on the frame (Figure 6). Insert the locking pin and fasten it securely after hole alignment (Figure 7) to finish the coupler installation.



Figure 7



Figure 8

Align the mounting base of the Traction Bar with the reserved interface on the frame (Figure 9). Insert the locking pin and fasten it securely after hole alignment (Figure10) to finish the coupler installation.



Figure 9



Figure 10

4.Installing the Reflectors



Figure 11

shows the complete product frame after full assembly.

· Install 2 white reflectors on the front.

· Install 2 red reflectors on the rear handle.

· Make sure all reflectors are fixed tightly.(Figure 11)

(Figure 13)Preparing the Frame and Fabric Basket

Confirm that the frame, wheels, and tow bar are fully assembled. Unfold the black fabric basket and align it with the top and sides of the frame. (**Figure 12**)Fit the main fabric basket: Slide the basket slowly over the frame from the top. Align the four corners first, then ensure the basket fits snugly with no slack, and that the bottom is fully seated against the frame.

5.Installing the Fabric Basket



Figure 12



Figure 13

BEFORE YOU RIDE

Check before each use:

- Wheels are properly secured to the trailer.
- Tires are inflated to recommended pressure on the tire side wall.
- Tow bar is properly secured to the trailer.
- Coupler is properly secured to the bicycle.
- Coupler and safety pins are secured.
- Weight of tow bar at coupler is greater than 2 kg but does not exceed 9 kg with fully loaded trailer.
- Make sure that bicycle is in proper working order, especially brakes and tires (refer to bicycle manufacturer's instructions).
- Rider is wearing a helmet.
- Cargo is properly secured.
- Cover is installed and closed.

MAINTENANCE

Storage: For longer product life, store trailer indoors. The trailer should not be stored at temperatures less than -10°F (-23°C) or greater than 150°F (65°C).

Fabric Care: Hand wash fabric parts with warm water and mild soap. DO NOT use bleach or solvents. Wipe dry and store out of direct sunlight in a dry, well-ventilated area. Clean windows with a damp, soft cloth.

Check:

- Inspect tow bar, hitch, frame tubing, flex connector and hardware for damage .
- Flex Connectors need to be serviced every 3-5 months for safe operation - Check that bolts are tight .
- Inspect tires and wheels for wear and cracks - Inspect wheels for trueness and cracks .
- Inspect fabric parts for rips, abrasions, and missing or damaged hardware.

