



Manuals.plus /

- › **Tow Tuff** /
- › Tow Tuff TMD-35ETD8 Electric Trailer Dolly User Manual

Tow Tuff TMD-35ETD8

Tow Tuff TMD-35ETD8 Electric Trailer Dolly User Manual

Model: TMD-35ETD8 | Brand: Tow Tuff

INTRODUCTION

This manual provides essential information for the safe and effective operation, assembly, maintenance, and troubleshooting of your Tow Tuff TMD-35ETD8 Electric Trailer Dolly. Please read this manual thoroughly before using the product to ensure proper function and to prevent injury or damage.



Image: The Tow Tuff TMD-35ETD8 Electric Trailer Dolly, a robust green and black unit designed for moving trailers.

SAFETY INFORMATION

Always prioritize safety when operating the electric trailer dolly. Failure to follow safety instructions can result in serious injury or property damage.

- Read and understand all instructions before operation.
- Do not exceed the maximum weight capacity of 3500 lbs for the trailer and 600 lbs for the tongue.
- Ensure the trailer coupler is securely attached to the dolly's ball hitch before moving.
- Operate on flat, level surfaces. Avoid inclines, declines, or uneven terrain where traction may be lost.
- Keep hands and feet clear of moving parts.
- Do not allow children or untrained individuals to operate the dolly.
- Wear appropriate safety gear, including sturdy footwear.
- Disconnect power when not in use or during maintenance.
- Store the dolly in a dry, secure location.

PRODUCT FEATURES

The Tow Tuff TMD-35ETD8 Electric Trailer Dolly is engineered with several features to facilitate easy trailer movement.

- **High Capacity:** Designed to move trailers up to 3500 lbs and handle a tongue weight of up to 600 lbs.
- **Electric Power:** Equipped with two 24V sealed 7AH batteries for reliable power.
- **Variable Speed Control:** Offers a variable speed of up to 1.5 MPH in both forward and reverse.
- **Adjustable Ball Height:** The hitch ball height is adjustable from 22 inches to 28.35 inches to accommodate various trailer types with a 2-inch coupler.
- **Three-Wheel Design:** Features two 13-inch diameter tires and an 8-inch swivel caster for stability and maneuverability.
- **Durable Construction:** Built with heavy-duty materials for long-lasting performance.

HEAVY-DUTY ADJUSTABLE ELECTRIC TRAILER TOW DOLLY

Quality & durability meets functional technology.

ELECTRIC SYSTEM

This motorized trailer dolly has a variable speed in forward and reverse that reaches up to 1.5 mph, and it's powered by a 24-volt with two sealed 7 AH batteries.

3-WHEEL BASE

This dolly features two 13-inch flat-free tires and one 8-inch swivel caster to provide smooth-rolling and easy steering.

HITCH PIN

Simple and easy to use, this 2-inch pin is designed to make attaching the tow dolly to your trailer more sturdy and convenient.



BALL HEIGHT
ADJUSTABLE FROM
22" H TO 28.35" H



LONG-LASTING
POWDER-COAT FINISH
TO RESIST CORROSION



WEIGHT
CAPACITY
OF 3500 LBS.

Image: A detailed diagram highlighting the key features of the electric trailer dolly, including its electric system, hitch pin, and stable three-wheel base.

QUALITY AND DURABILITY MEETS FUNCTIONAL TECHNOLOGY



Unique, 3rd wheel design stabilizes the load to move trailers and equipment



Powered by two 24V sealed 7 AH batteries



Variable speed in forward and reverse travels 1.5 MPH

Image: Visual representation of the dolly's unique 3rd wheel design for stability, its 24V battery power, and variable speed control.

SETUP AND ASSEMBLY

The Tow Tuff TMD-35ETD8 Electric Trailer Dolly requires some assembly before first use. Follow these steps carefully.

1. **Unpack Components:** Carefully remove all parts from the packaging. Verify all components are present against the packing list (not provided in this manual, refer to product packaging).
2. **Attach Handlebar:** Secure the handlebar assembly to the main dolly frame using the provided bolts and nuts. Ensure it is firmly tightened.
3. **Install Swivel Caster:** Attach the 8-inch swivel caster to the designated mounting point on the dolly frame.
4. **Connect Battery Box:** Place the battery box onto the dolly frame and connect the electrical wiring as per the instructions provided with the unit. Ensure all connections are secure.
5. **Install Hitch Ball:** Secure the hitch ball to the adjustable ball mount. Adjust the height as needed for your trailer.
6. **Initial Charge:** Before first use, fully charge the batteries using the provided charger. Refer to the charging instructions in the Maintenance section.



Image: A close-up of the dolly's control panel, showing the power switch and speed controls, along with the battery box.

OPERATING INSTRUCTIONS

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

1. **Prepare the Area:** Ensure the area where you will be moving the trailer is clear of obstacles and is as level as possible.
2. **Check Battery Level:** Verify that the dolly's batteries are sufficiently charged.
3. **Attach Trailer:**
 - Position the dolly's hitch ball directly under the trailer coupler.
 - Lower the trailer coupler onto the hitch ball.
 - Secure the coupler latch and insert the safety pin or lock.
 - Ensure the trailer's tongue weight does not exceed 600 lbs.
4. **Engage Power:** Turn on the main power switch located on the dolly's control panel.
5. **Control Movement:**

- Use the handlebar controls to select forward or reverse motion.
- Gently apply the throttle to begin moving. The speed is variable up to 1.5 MPH.
- Steer the dolly by maneuvering the handlebar. The swivel caster provides easy steering.

6. Maneuvering:

- Move slowly and deliberately, especially in tight spaces.
- Be aware of the trailer's swing radius.
- For added leverage, use the integrated step on the dolly.

7. Disengage Trailer: Once the trailer is in the desired position, turn off the dolly's power. Disengage the coupler latch and carefully lift the trailer off the hitch ball.

8. Store Dolly: Turn off the main power switch and store the dolly in a dry, secure location.



Image: The electric trailer dolly connected to a large cargo trailer, illustrating its capability to move heavy loads.



Adjustable Mover Equipment

This electric 3 wheel dolly can be adjusted from 22" to 28.35" making it the perfect tool to move a boat, utility and cargo trailers, and more. From tight areas into storage, this is the easiest way to move your equipment.



Image: The electric trailer dolly positioned to move a boat trailer, showcasing its adjustable height feature.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Tow Tuff Electric Trailer Dolly.

- **Battery Charging:**

- Charge the batteries fully after each use, especially if storing for extended periods.
- Use only the charger provided by the manufacturer.
- Do not overcharge the batteries.
- Store the dolly with fully charged batteries to prolong battery life.

- **Cleaning:**

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

• **Inspection:**

- Periodically inspect all bolts, nuts, and fasteners for tightness. Tighten as necessary.
- Check tires for proper inflation and wear.
- Inspect electrical connections for corrosion or damage.
- Ensure the swivel caster moves freely.

• **Lubrication:**

- Apply a light lubricant to moving parts, such as the swivel caster and hitch ball mechanism, as needed.

TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your electric trailer dolly.

Problem	Possible Cause	Solution
Dolly does not power on.	<ul style="list-style-type: none">◦ Battery not charged.◦ Power switch off.◦ Loose electrical connection.	<ul style="list-style-type: none">◦ Charge batteries fully.◦ Ensure power switch is in the "ON" position.◦ Check and secure all electrical connections.
Dolly moves slowly or lacks power.	<ul style="list-style-type: none">◦ Low battery charge.◦ Overloaded.◦ Operating on an incline or uneven surface.	<ul style="list-style-type: none">◦ Recharge batteries.◦ Reduce trailer weight; ensure it's within capacity.◦ Move to a flatter, more stable surface.
Wheels spin, losing traction.	<ul style="list-style-type: none">◦ Operating on loose gravel, wet, or slippery surfaces.◦ Excessive tongue weight causing front wheel lift.	<ul style="list-style-type: none">◦ Move to a surface with better traction (e.g., concrete, asphalt).◦ Adjust trailer load to ensure proper tongue weight distribution (within 600 lbs).
Dolly tips backward.	<ul style="list-style-type: none">◦ Insufficient tongue weight.◦ Operating on a steep incline.	<ul style="list-style-type: none">◦ Ensure adequate tongue weight (within 600 lbs) for stability.◦ Avoid steep inclines.

SPECIFICATIONS

Detailed technical specifications for the Tow Tuff TMD-35ETD8 Electric Trailer Dolly.

Specification	Value
Model Number	TMD-35ETD8
Brand	Tow Tuff
Maximum Trailer Weight Capacity	3500 lbs
Maximum Tongue Weight Capacity	600 lbs
Power Source	2 x 24V Sealed 7AH Batteries (Internal)
Variable Speed	Up to 1.5 MPH (Forward & Reverse)
Adjustable Ball Height	22" to 28.35"
Hitch Ball Size	2" Coupler Compatible
Tire Size	2 x 13" Diameter
Swivel Caster Size	1 x 8"
Overall Dimensions (L x W x H)	48" x 24" x 37"
Item Weight	100.8 lbs (Product) / 110 lbs (Shipping)
Color	Green
Manufacturer	TRI Global Enterprises, Inc.
UPC	832830004756



Image: A diagram illustrating the key dimensions of the electric trailer dolly, including height, width, and length.



Image: A graphic detailing the dolly's weight capacity, adjustable ball height range, and corrosion-resistant powder coat finish.



Image: The electric trailer dolly shown with its overall dimensions and a close-up of its 13-inch tires and 8-inch swivel caster.

WARRANTY AND SUPPORT

For warranty information or technical support, please contact Tow Tuff customer service. Keep your purchase receipt and model number (TMD-35ETD8) readily available when contacting support.

Visit the official Tow Tuff website for the most up-to-date warranty details and contact information:[Tow Tuff Official Store](#)

