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TESGO HUM-Pro

TESGO HUM-Pro Electric Bike User Manual

Comprehensive instructions for your TESCO Electric Bike, Model HUM-Pro.

1. SAFETY INFORMATION

Your safety is paramount. Please read and understand all safety warnings and instructions before operating your TESCO HUM-Pro Electric Bike. Failure to do so may result in serious injury or damage to the product.

- **Always wear a helmet:** Ensure your helmet is properly fitted and meets safety standards.
- **Pre-ride inspection:** Before each ride, check the tire pressure, brake functionality, battery charge level, and ensure all quick releases and fasteners are securely tightened.
- **Understand local laws:** Be aware of and comply with all local laws and regulations regarding electric bicycle use.
- **Weather conditions:** Exercise caution when riding in wet conditions, on slippery surfaces, or during adverse weather.
- **Weight limits:** Do not exceed the maximum weight recommendation of 70 pounds (as per specifications, though this seems low for an adult bike, I must use the provided data).

TESGO ELECTRIC BIKE

can go wherever you want to go in the most comfortable way.
We are proud of you when you go with an e-bike to travel.
Tesgo, the best choice of companion for your trip.



Image: A rider wearing a helmet on the TESGO HUM-Pro electric bike, emphasizing the importance of safety gear.

2. PRODUCT OVERVIEW

The TESGO HUM-Pro is a powerful and versatile electric bike designed for adult riders. It features a robust motor, long-lasting battery, and full suspension system for a comfortable ride across various terrains.

Key Components:



1000W High-Speed Motor: Provides strong driving force for quick acceleration and speeds up to 32 MPH.



Samsung 48V 17.4AH Battery: A high-capacity, lockable, and detachable battery providing an electric mode range of 40-50 miles and E-PAS mode range of 60-70 miles. Full charge in approximately 7.5 hours.



Full Suspension System: Features hydraulic fork suspension and quad-link rear suspension for a comfortable ride on all terrains.



Shimano 8-Gear System: Allows for smooth and precise gear changes to adapt to different riding conditions.



20" x 4.0" Folding Fat Tires: Provides excellent grip and stability, supporting all-terrain road conditions. The folding design enhances portability.

3. SETUP AND ASSEMBLY

Your TESCO HUM-Pro Electric Bike requires minimal assembly. Follow these steps to get your bike ready for its first ride.

1. **Unpacking:** Carefully remove the bike from its packaging. Retain all packaging materials for future storage or transport.
2. **Unfolding the Frame:** Locate the folding mechanism on the main frame. Release the latch and unfold the bike until the frame locks securely into place.
3. **Handlebar Installation:** Insert the handlebar stem into the head tube and adjust to your preferred height. Secure the quick release lever.
4. **Pedal Attachment:** Identify the left (L) and right (R) pedals. Screw them into the crank arms by hand, then tighten securely with a wrench. Note that the left pedal has a reverse thread.
5. **Seat Post Adjustment:** Adjust the seat post height for comfortable pedaling, ensuring your leg has a slight bend at the bottom of the pedal stroke. Secure the quick release.
6. **Initial Battery Charge:** Before your first ride, fully charge the battery. Connect the charger to the battery port and plug it into a power outlet. The indicator light on the charger will change when fully charged.

4. OPERATING INSTRUCTIONS

Familiarize yourself with the controls and functions of your TESCO HUM-Pro Electric Bike for an optimal riding experience.

LCD Display and Controls:

The intelligent LCD display provides essential riding information. Use the display button to navigate through modes and settings.

INTELLIGENT LCD DISPLAY



Image: The bike's intelligent LCD display, showing various metrics like speed, battery level, and pedal assist level.

- **Power On/Off:** Press and hold the power button on the display to turn the bike on or off.
- **Speed Display:** Shows your current riding speed.
- **Power Bar:** Indicates the remaining battery charge.
- **PAS Gear:** Displays the current Pedal Assist System level (0-5). Adjust with the '+' and '-' buttons.
- **ODO/Trip:** Shows total odometer reading or current trip distance.

Riding Modes:

- **Electric Mode:** Use the thumb throttle for pure electric power without pedaling.
- **Pedal Assist System (PAS) Mode:** The motor provides assistance as you pedal. Choose from multiple assist

levels (e.g., 1-5) to control the amount of power.

- **Manual Mode:** Ride the bike like a traditional bicycle without any motor assistance.

Gear Shifting and Braking:

- **Shimano 8-Speed Gears:** Use the gear shifter on the handlebar to change gears. Shift to lower gears for climbing hills and higher gears for flat terrain or downhill riding.
- **Hydraulic Brakes:** The bike is equipped with front and rear hydraulic disc brakes for sensitive, effective, and safe stopping power. Always apply both brakes simultaneously for balanced stopping.

Folding Mechanism:

To fold the bike for storage or transport, ensure the power is off. Release the frame and handlebar folding latches, then carefully fold the bike. Reverse the process to unfold.



750^{WATT} HUB MOTOR

- ✓ More
- ✓ Fast
- ✓ Stable
- ✓ Strong

Image: A visual guide to the compact folded size of the TESCO HUM-Pro electric bike.

Official Product Video:

Watch the official TESCO video to see the HUM-Pro electric bike in action, demonstrating its features and versatility.

Your browser does not support the video tag.

Video: "TESGO 1000w HUM-PRO Spring Ride with Friends!" - Demonstrates the TESCO HUM-Pro electric bike being ridden in various outdoor settings.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your TESCO HUM-Pro Electric Bike.

- **Battery Care:**
 - Charge the battery fully after each ride, especially if storing for extended periods.
 - Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
 - Avoid completely draining the battery to prolong its lifespan.
- **Tire Pressure:** Check tire pressure regularly (weekly or before each ride). Maintain the recommended PSI (usually found on the tire sidewall) for optimal performance and safety.
- **Brake Inspection:** Periodically check brake pads for wear and ensure brake levers provide firm and

responsive stopping power. Adjust or replace as needed.

- **Chain Lubrication:** Keep the chain clean and lubricated to ensure smooth gear changes and prevent rust.
- **General Cleaning:** Wipe down the bike with a damp cloth after rides. Avoid using high-pressure washers directly on electrical components.
- **Suspension Check:** Inspect the hydraulic fork and rear suspension for any leaks or damage. Ensure they operate smoothly.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your TESCO HUM-Pro Electric Bike.

Problem	Possible Cause	Solution
Bike does not power on.	Battery not charged, battery not properly seated, loose electrical connection.	Ensure battery is fully charged and securely installed. Check all visible cable connections.
Motor not assisting.	PAS level set to 0, throttle not engaged, brake levers engaged, motor connection issue.	Increase PAS level. Ensure brake levers are fully released. Check motor cable connection.
Brakes feel spongy or weak.	Air in hydraulic lines, worn brake pads, low brake fluid.	Have brakes inspected and serviced by a qualified technician. Replace worn pads.
Unusual noises during riding.	Loose components, chain issues, bearing wear.	Inspect all bolts and fasteners. Clean and lubricate chain. If noise persists, seek professional inspection.

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact TESCO customer support for assistance.

7. SPECIFICATIONS

Detailed technical specifications for the TESCO HUM-Pro Electric Bike.

Specification	Value
Brand	TESGO
Model	HUM-Pro
Motor Wattage	1000W (advertised), 835.2 watts (rated)
Battery	Samsung 48V 17.4AH (835.2 Watt Hours)
Wheel Size	20 Inches

Specification	Value
Tire Type	4.0 inch Fat Tire
Suspension Type	Dual (Hydraulic Fork & Quad-Link Rear)
Gears	Shimano 8-Gear
Brakes	Hydraulic Brakes (Front & Rear)
Item Weight	66.1 Pounds
Maximum Weight Recommendation	70 Pounds (Note: This value appears unusually low for an adult e-bike. Please verify with manufacturer if concerned.)
Assembly Required	Yes

8. WARRANTY AND SUPPORT

TESGO provides a warranty for its products. For specific warranty terms and conditions, please refer to the warranty card included with your purchase or visit the official TESGO website.

For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact TESGO customer service. Have your product model and purchase information ready when contacting support.

You can often find additional resources, FAQs, and contact information on the [TESGO Store on Amazon](#).