A-6003

Quick Start Guide

Electric Tow Tractor

Rated Towing Capacity: 2,200 lbs

Thank you for choosing our electric tow tractor.

For safe and correct use, please read this manual carefully and follow all instructions, precautions, and prohibitions. Keep this manual for future reference. Product specifications may change without notice. If there is any difference between this manual and the actual product, the product shall take precedence.

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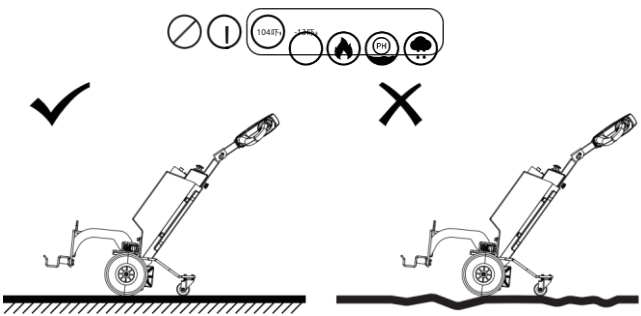
1. WARNING

- Operating Environment

1.Ground Requirements:Operate this product only on hard, level, and dry surfaces. Despite having pneumatic tires, a good road surface is required.

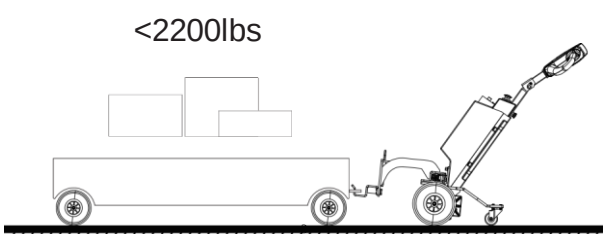
2.Environmental Limits:Do not operate if the ambient temperature is above 104°F (40°C) or below -13°F (-25℃).

3.Do not operate in flammable, explosive, strongly acidic/alkaline corrosive environments, or on waterlogged roads in rainy conditions.



- Towing Safety

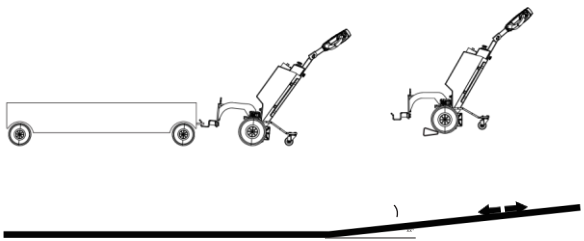
1.Do not exceed the rated towing capacity (2200 lbs). Overloading will cause motor overheating or extended braking distance.



2. Ramp Operation

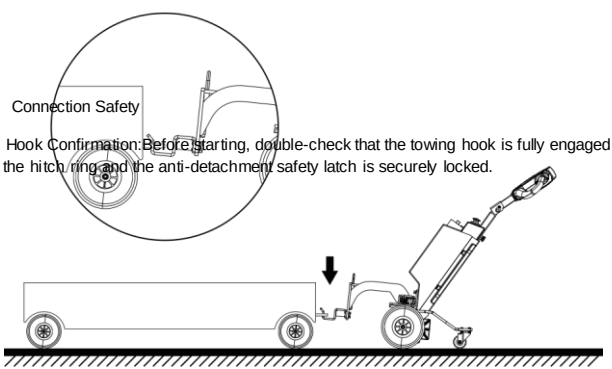
- Do not operate on slippery or excessively steep surfaces to prevent slipping.
- When parking on a slope, ensure the electromagnetic brake is engaged, and it is recommended to place wheel chocks under the towed vehicle's wheels.

3. Cornering Safety: Always decelerate when turning with heavy loads to prevent the towed cargo from tipping over due to centrifugal force or tail-flicking causing injuries.



- Connection Safety

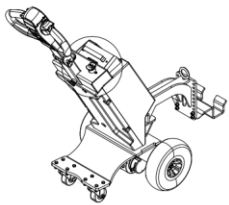
1. Hook Confirmation:Before starting, double-check that the towing hook is fully engaged in the hitch ring and the anti-detachment safety latch is securely locked.

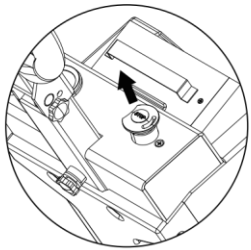


- How to Operate

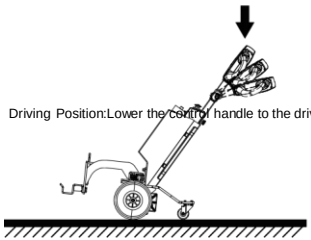
1. Starting and Traveling

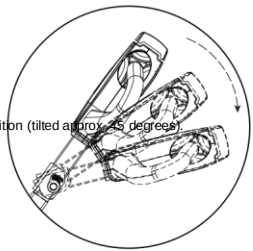
- Power On:Pull the emergency stop switch.



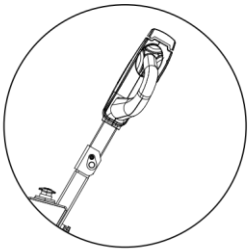


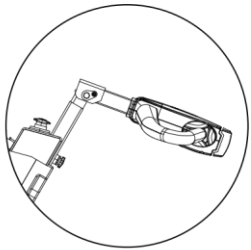
- Driving Position:Lower the control handle to the drive position (tilted approx. 45 degrees).

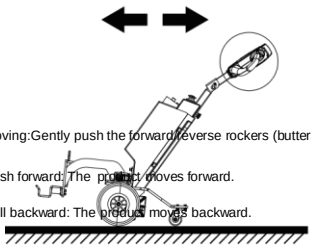


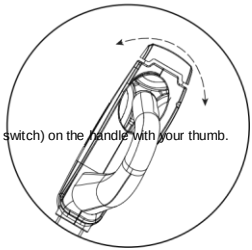


- Note:The product is in a braking state when the handle is in the vertical or horizontal limit position.





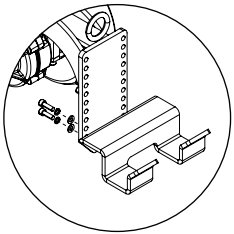


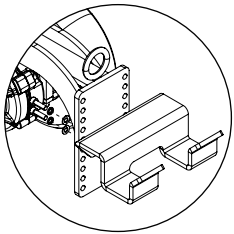


- Moving:Gently push the forward/reverse rockers (butterfly switch) on the handle with your thumb.
- Push forward: The product moves forward.
- Pull backward: The product moves backward.

2. Connection and Adjustment

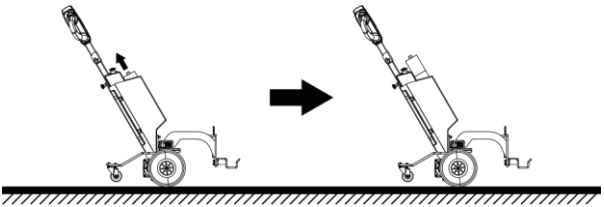
- Connecting Cargo: Reverse the tractor close to the cart, align the towing hook with the hitch ring, manually engage and lock it.
- Height Adjustment (Mechanical): This product has no hydraulic lift. To adjust the hook height, use a wrench to remove the 4 fixing bolts on the backplate of the towing hook, install it into any of the reserved upper/middle/lower holes, and securely retighten.

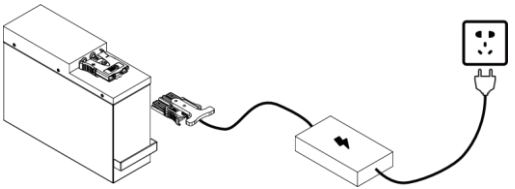




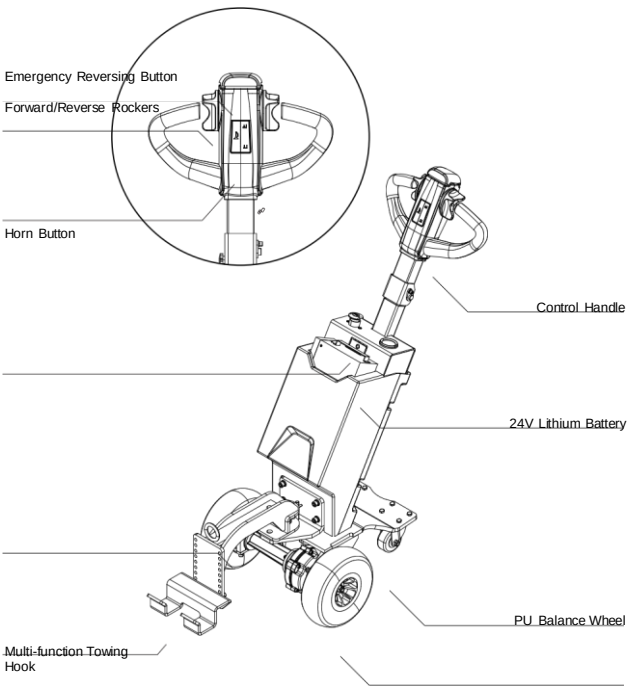
3. Charging

- Charge the product in a well-ventilated area using the designated charger.
- The product is equipped with a lithium battery and can be charged as needed.
- If the product is unused for more than one month, charge the battery monthly to maintain its performance.



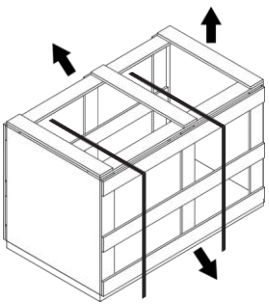


2. Parts Introduction

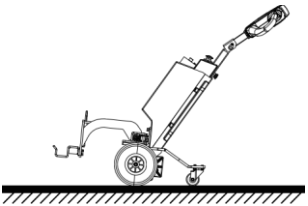


3. Installation Instruction

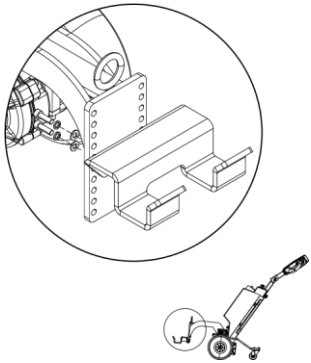
- The product is mostly shipped fully assembled. Only simple unloading and processing are required upon receipt.



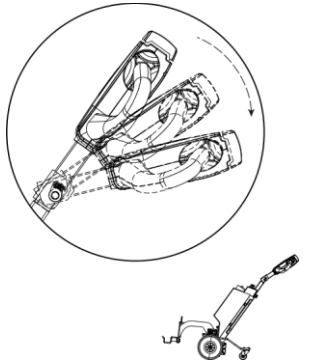
① Cut the securing steel straps connecting to the wooden pallet, and remove the outer wooden blocks and packaging film.



② Move the product to the ground.



③ Adjust the towing hook to the appropriate height as needed.



④ Turn on the power and test the moving function.

4. Inspection & Maintenance

Conducting a thorough inspection of the product can help prevent malfunctions and ensure it achieves its expected service life. Maintenance hours are based on 8 hours of operation per day, 200 hours per month. For safe operation, the product should be inspected and maintained according to the maintenance schedule.

- 200-Hour Inspection and Maintenance

No.	Component	Inspection or Service
1	Overall Condition	Check for abnormalities.
2	Tire Pressure	Check if the drive wheel tire pressure is sufficient.
3	Towing Hook	Check the hook for cracks or deformation, and if fixing bolts are loose.
4	Towing Attachment	Check the attachment for cracks or deformation, and if fixing bolts are loose.
5	Balance Wheel	Inspect for debris entanglement, excessive wear, or unusual noise.
6	Fastener	Check if all connecting bolts and pins are secure.
7	Brake	Check if the braking distance is normal and the electromagnetic brake engages with a crisp sound.
8	Lithium Battery	Charge as needed. If unused for a long time, charge every 1-2 months.

- Maintenance Intervals for Consumables and Components

Component	Inspection or Service	Interval (hours)
Tire	Replace when tread is severely damaged	1,800

Seal	Replace	1,800
Drive Axle	Inspect and Replace	1,800
Gear Oil	Replace	1,800
Towing Hook	Inspect and Replace	As needed based on wear