

OPERATING MANUAL

ETM Mini Pick Up



WARINING

For your **SAFETY** and
the **SAFETY** of others

BEFORE YOU OPERATE THIS TRUCK:

Read all warning and instruction in the manual and
on the truck Check the truck of proper operation

**DO NOT OPERATE THIS TRUCK UNLESS YOU
ARE TRAINED AND AUTHORIZES TO DO SO.**

INTRODUCTION

Welcome to use our ETM Series Electric Tractor. Your Tractor is designed for a durable, reliable and easy operation. It could be easily used in any place such as airport, factory, warehouse, supermarket and distribution center, saving energy and time without any pollution to working environment. For your safety and correct operation, please carefully read this instruction book and warnings on the Tractor before using it.

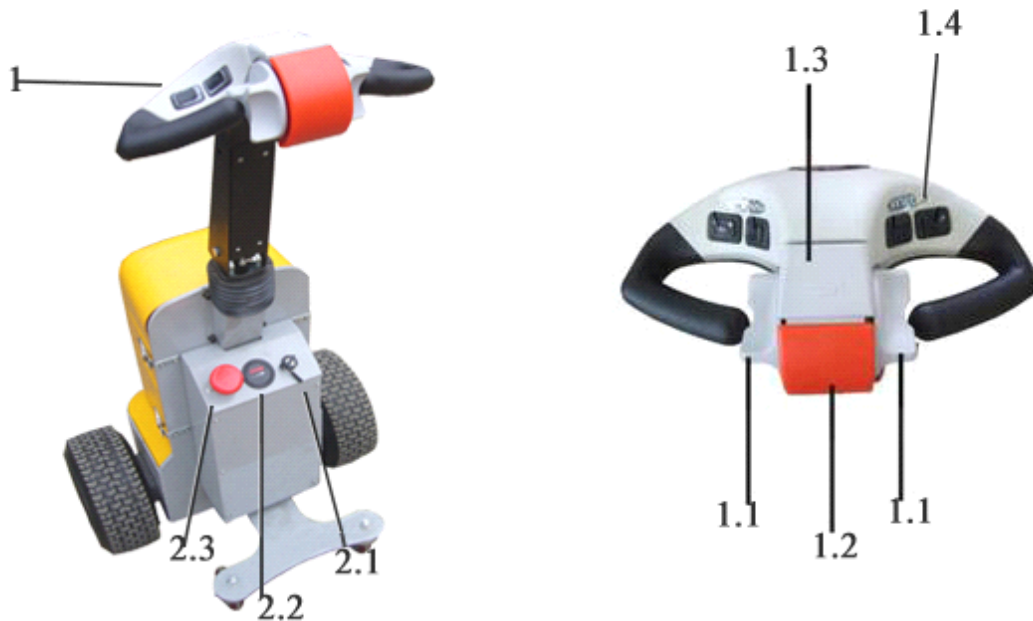
NOTE: All of the information reported herein is based on data available at the moment of printing. We reserve the right to modify its own products at any moment without notice and incurring in any sanction. So, it is suggested to always verify possible updates.

CAUTION

- 1.1** Read and understand Operator's Manual before using the truck.
- 1.2** Do not operate this truck unless you are trained and authorized.
- 1.3** Operate truck only from designated operating load position. Never place any part of your body under the truck or near moving parts.
- 1.4** Do not stand, sit or climb on truck, or use truck to move personnel.
- 1.5** Do not exceed the tracting capacity shown on label.
- 1.6** Custom alterations of units for specific functions not made at the factory void all warranties without exception. User made alterations may result in unsafe conditions during use of unit.
- 1.7** Do not perform any repair work on truck when power on.

BEFORE OPERATION

Operating Element



Operating elements

1. Control handle

1.1 Forward/Backward switch

1.2 Belly switch

1.3 Horn

1.4 Lift/Low button

(For option actuator)

2. Control pannel

2.1 Key switch

2.2 Power meter

2.3 Emergency stop

3. Plug for charger



- 2.1 Read and understand Operator's Manual before using the truck.
- 2.2 Make sure that the battery cable connector is fully engaged into the battery compartment of the truck.
- 2.3 Check if there is full of battery supply.
- 2.4 Check if the truck is working properly. Give special attention to horn, speed controller and steering system.
- 2.5 Observe the condition of the truck for any other malfunction or defect.
- 2.6 Before leaving the unit, stop the unit and turn off power.

OPERATION

- 2.1 TO CONNECT Connect the goods to the tractor. Make sure that the connection between the tractor and the goods is sufficient engaged and tighten.
- 2.2 TO TRAVEL The electric throttle controls the direction and speed of the truck by rotating the throttle control butterfly located on the upper part of the handle. Rotate the butterfly forward, the truck will move forward. So does backwards. Please usually travel the unit backwards. The speed of the truck is controlled by the degree of rotation in either direction.
- 2.3 TO BRAKE This truck is equipped with a brake that is applied between 1~5 degrees of the vertical position . When you release the control handle, it will resume the neutral position automatically, the brake in work. Always make sure that the brake is in work before operating the truck .
- 2.4 HORN FUNCTION A horn switch is located on the front side of the handle.

BATTERY&BATTERY CHAGER

WARNING: Plug charger directly into a properly grounded standard wall outlet.

Do not remove the grounding prong as this can create an electrical hazard. Failure to heed could result in personal injury and or property damage.

- 4.1** Turn off the switch to cut off the battery power supply.
- 4.2** Disconnect the battery cable connector from compartment of the truck and then fully plug the charge port cord into the charge port on the charger.
- 4.3** Before connecting the battery charger to the local power supply, check and insure that the voltage of both is the same.
- 4.4** Connect the charger port cord into the outlet of local power supply.
- 4.5** When the charging cycle is completed, unplug the charger power cord from the wall outlet and from the charge power port.
- 4.6** Remove the battery charger and fully engaged the battery cable connector to the compartment of the truck.

MAINTENANCE

- 5.1** Only trained and authorized personnel should be permitted to maintain, repair, and inspect the unit.
- 5.2** Keep usage area dry, clean, and well ventilated.
- 5.3** Safety devices shall be inspected at regular intervals and maintained to a safe operating condition.
- 5.4** Electrical components shall be maintained and inspected for safe operation.
Condition of electrical insulation is very important.
- 5.5** Disconnect batteries before working with the electrical system.

HITCH

The truck is assembled with standard hitch, there are many different hitch are available for difference application. Contact your local distributor for more detail.

ETM Specifications:

Model	ETM-50	ETM-100	ETM-150
Capacity	500kg	1000kg	1500kg
Battery	2x12V/40Ah	2x12V/70Ah	3x12V/70Ah
Charger	24V/10A	24V/10A	36V/10A
Drive motor	24V/400W	24V/800W	36V/1200W
Drive wheel	Ø260x90mm 10x3.50-4	Ø310x127mm 13x5.00-6	Ø310x127mm 13x5.00-6
Rear wheel	Ø75x32mm	Ø75x32mm	Ø100x32mm
Front sport wheel	-----	100x32mm	100x32mm
Unload speed	7km/h	7km/h	7km/h
Load speed	6km/h	6km/h	6km/h
Load gradability	5%	5%	5%
Unload gradability	10%	10%	10%
Weight	90kg	120kg	180kg