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ISO14001:2015



ISO9001:2015



HANGCHA trucks conform  
to the European Safety  
Requirements.

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## X series Electric Tow Tractor

with capacities of 6,000 to 10,000kg

*The World of Hangcha*





**Environment/  
Efficiency/  
Economy**



## Appearance

- / Large arc-shaped, streamlined surface modeling is adopted, with beautiful and elegant appearance.

## Comfort

- / Fully flexible suspension system is adopted for both front and rear axles, featuring small vibration and comfortable operation.
- / The battery of standard configuration is removed from truck side, so that maintenance and replacement of the battery is more convenient and rapid, which is suitable for continuous operation.
- / The optional fully-enclosed cab is suitable for operation in all kinds of weather conditions.

## Stability

- / The battery is sunk to bottom of carriage, so the truck has good stability.

## Advancement

- / Electromagnetic brake is adopted as parking brake, instead of traditional hand brake, so as to realize intelligent parking braking.
- / Fully flexible suspension system is adopted for both front and rear axles to ensure comfortable driving of the operator.
- / Large-screen LCD display and failure self-diagnosis instrument are applied to enable accurate display even in harsh environment.
- / The newly configured AC control system offers efficient, accurate adjustment performance, and extends working hours for single charge.
- / All lights of the truck are of LED, and the latest streamer technology is applied for front turn signal lamps.
- / The entire truck features high speed and high efficiency, with maximum travel speed up to 18km/h.



The battery can be removed from truck side, so it is very convenient for battery maintenance



Loading platform, easy to load and unload goods



Various operating pedals, instruments, steering wheel, and switches are configured based on ergonomic requirements, and are comfortable and flexible for operation



Upon special design, the traction device can prevent the towing pin coming off during traveling



Low-level widely open foot board is very convenient for the operator to get on / off the truck



# X Series

## Electric Tow Tractor



### Reliability and Safety

- / Motor controller, contactors, power socket, emergency power off switch and other main electric elements are all of famous brands from abroad.
- / Carriage, drive axle, steering axle and other main load-bearing parts are designed as high-strength parts, so as to meet heavy-load working conditions.
- / As standard configuration, emergency power off switch meets European safety standard.
- / AC power system features high efficiency, complete protection functions, and substantially higher reliability and service life.
- / Both front and rear wheels are equipped with brake to realize flexible and reliable braking.

### Easy Maintenance

- / The brushless, maintenance-free AC motor reduces operation cost significantly.
- / The easily-removable rear deck cover is convenient for debugging and maintenance of electronic control system.
- / Electronic control and electric elements are placed together with high degree of integration.

### Standard specification

- / LED headlamp (high beam, low beam), direction indication lamp, LED rear three-color combination lamp
- / DIN Battery
- / Horn, back-up beeper
- / Emergency power off switch
- / Large LCD display
- / Battery side roll out
- / Seat with safety belt



Cup holder, tool box

### Options

- / Simple canopy (with no windshield and windshield wipers)
- / Simple canopy (with windshield and windshield wipers)
- / Fully-enclosed cab
- / Fan (together with canopy or cab)
- / Alarm light
- / Specification of traction system (see Table 1)
- / Right and left rear-view mirrors (standard configuration for canopy, cab)
- / On-seat operation of traction pin
- / Fire extinguisher
- / Blue-light Lamp
- / Audible and visual alarm
- / LED rear working lamp
- / OPS system
- / Voice back-up beeper
- / Optional special seat
- / Optional imported brand battery
- / Super-elastic solid tires
- / Charger

