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A Series High Performance Electric Forklift Truck

with capacities of 2,500 to 3,500kg

The World of Hangcha



A Series High Performance Electric Forklift Truck

New A series of high-performance electric forklift which covers from 2.5t to 3.5t, is the key promoting product of Hangcha in 2015. It is based on the already available for A series electric forklift, mainly to meet the requirements of efficiency first, fast lifting and driving speed, high capacity battery, excellent ergonomic, easy operation and operating safety.



Advanced

/ High frequency MOSFET controller provides accurate control of travelling, lifting with better adjustable performance, motor and battery match each other better. Three braking are applied with regenerative braking, reverse current braking, parking brake and auto speed control on gradient. It is more energy saving and effectively. Traveling motor with the middle electric bridge structure is applied 18.5Kw large motor. 25.4Kw super AC pump motor with high efficiency system is not only with full protection functions but also with temperature sensor, speed sensor, which provides better reliability and long working life. Integrated wet-disc brake axle, the maintenance free wet-disc brake is Standard specification. Noise level below 74dB (A). The rear axle which adopted soft type hang system, improves the driver's comforts.

Safety

/ Suspension seat use high-class Grammer MSG65, which has the OPS function of locking forklift truck's forward/backward, mast's lifting/lowering, tilting and side shifting etc. Parking brake with buzzer, which means when parking brake is released at Key off position, the buzzer is operated. Steering wheel, armrest and reversing handle are all equipped with horn button, which can warn surroundings. PIN code access system with 99 passwords can be set, provides easy management.

Main parts

/ Motor controllers, connectors, power plug, emergency switch, dashboard, accelerator are all applied world famous brands, ensure the reliability of good performance and provide easy service. Emergency switch is standard specification which meets the Euro safety regulation. There is overloading protection for electronics and hydraulic system. The whole truck meets CE certificate.

Excellent Ergonomic

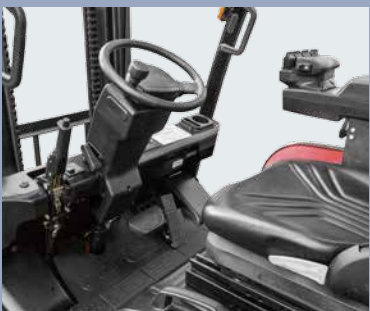
/ New Big LED dashboard is easy to see, with comprehensive indicator lights, and provides friendly human-computer interaction. The operator can monitor the truck operation at a glance.



A series of high-performance version equipped with Fingertip control on seat armrest, which can be four positions adjusted to meet different operator's demands, release operator fatigue. Emergency switch, horn, fingertip control levers are all centralized on the armrest, which via CAN bus connection, provide good reliability.



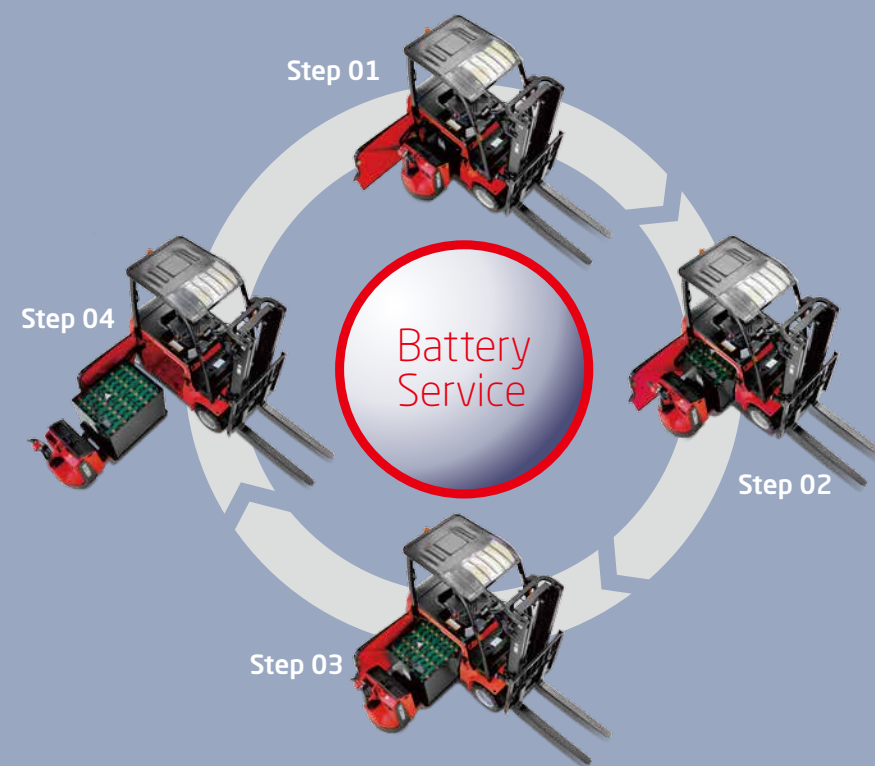
Better view



The larger brake pedal and the function of regenerative braking, reduce the fatigue of the driver dramatically.



Easy to see dashboard is relocated to overhead, no restriction of the operator's visibility. The forklift is also applied PIN code access for better management.



Side access battery.Full opened battery cover(with self-locked spring),easy for battery service.

Easy operating and maintenance

/ The key controllers are all sealed in the counterweight, dust and water free.Self-cooling traveling motor with IP20 protection has good reliability. Protection grade of the whole forklift is IPX3.



Comfortable

/ Good stability and operator comfortability is provided due to low truck gravity.Thanks to the new designed ergonomically small diameter steering wheel,reduce the driver fatigue. 210mm adjustable distance of seat, the steering column can be adjusted for an optimal position in relation to the operator. Softylanding system is equipped, when forks low to 60-100mm to the ground, the soft landing system is auto turn on, which to avoid the damage of the ground and protection to the lifting goods. New designed broad view mast provides better forward view ability. Low noise, no exhaust emission, low energy consumption, are all environment friendly.

/ Also in combination with high comfort seat.Comfortable handing operations by keeping the arm on the armrest.Multi adjustable armrest ensures ergonomic position for each individual operator. Armrest uses seat suspension to absorb road shocks.Left hand always free for immediate steering.Less operator fatigue,increased productivity.



Options

- / Big capacity battery
- / Anti-corrosive application
- / High performance imported battery
- / Charger
- / Rear working light
- / Super elastic solid tyre
- / Non-marking tyre
- / Left and right rear view mirror
- / Resistance to corrosive salt spray
- / 24V output
- / Reversing hand grip with horn switch
- / Wider fork carriage
- / Other dimension load backrest
- / Other dimension forks
- / Duplex mast with full free lift
- / Triplex mast with full free lift
- / Integrated sideshift
- / Other attachments
- / Writing board

Standard Specification

- / High efficiency AC driving motor
- / Tailor made truck's lifting motor
- / Multi-functions dashboard
- / Full electric controlled travelling, lifting and steering
- / Front lighting system, turning indicator, rear combination lights(LED)
- / Big dimension rubber pad
- / Sheet metal stamping made front and rear bottom plate
- / Sheet metal stamping made left and right cover and battery cover
- / Standard battery (According to standard DIN)
- / Emergency switch
- / Reversing beeper
- / Hydraulic power steering
- / Tool box
- / Soft landing system
- / Standard forks
- / 3m duplex mast
- / Tow coupling
- / Center located rear view mirror
- / Finger-tip controlled system, ergonomical armrest
- / Side out change battery
- / MSG65-531 GRAMMER Seat