



A Series 4-Wheel Electric Pneumatic Tire Forklift

with capacities of 3,000 to 7,000lbs



The World of Hangcha

Move freely, lift freely

The newest generation A series electric counter balance truck is new product series of HANGCHA.

The totally new designed outline, safety, comfortable and reliability are fully improved, and the whole truck's performance is also increased.





Appearance

Applied advanced new designing method, world famous designing company designed, make the eye catchable stream outline of the truck chassis. Small dimension, simple appearance, and metal material applied for the exposed parts, all provide robust construction of the A series.



Intelligent

- / First-class R&D and testing facility.
- / First-class production quality management system.
- / First-class manufacturing facility.
- / First-class environment and control.

Power Train



Stability

Advanced parallel layout of drive motor and lower located battery up to chassis bottom provide good stability to the truck.



Comfortable Operation

Ergonomic

Easy to see dashboard is relocated to overhead, no restriction of the operator's visibility. The operator can monitor the truck operation at a glance.



Soft landing

In addition to the soft landing system, the soft lifting system is adopted (front lifting cylinders of triplex mast and full free dup-lex mast), as a result, the noise and shock of the mast significantly decreases.



Seat

The extra foot space is provided to reduce operator fatigue significantly. The new wide-open, non-slip step makes getting in and out easy and safe.

EPB

Electronic Parking Brake, it provides the safe and rapid brake performance. More particularly, turn on the function automatically under different working situation.

1. Low center of gravity provides good turning stability, and better operator's driving comfort. 5.9" adjustable distance of seat provides better operator's comfort of different operators.
2. Soft landing system is applied for A series. When the forks lower to 2.4-3.9" to ground, the soft landing system is auto operated, and to avoid the forks dashing against the ground. New designed broad view mast provides better forward visibility.
3. Easy to see LED dashboard provides friendly interaction.
4. Low noise, no exhaust emission, and low energy consumption, all meet environment friendly requirement.



Advanced

High frequency MOSFET controller provides accurate control of travelling, lifting, and better adjustable performance, and better matches the motor. Regenerative braking, reverse current braking and anti-slide on slop function guarantee the operation safety.

Multi functions big LED dashboard provides running hours, battery power, and self diagnosis functions, and with high accuracy even in bad environment.

Regenerative braking is more energy saving and efficiency during truck's deceleration, direction changing, and driving on downwards slope.



CURTIS big LED dashboard.
Non-handset Operation



Imported high performance,
and new generation AC controller



Service Ability

Full open battery cover, easy for battery service easy opened counter weight cover, to protect internal controller to avoid water and dust World famous brand electronics are applied in motor controller, contactor, power plug, emergency switch, dashboard, and accelerators.

Overloaded protection system is applied for electronics and hydraulics.

CE certificate is available.



The cover below
control panel
are fully closed

Side battery changing
solution is applied for
heavy and long time
application

Battery cover with auto
lock spring for easy
battery service and
replacing, and clean the
oil tank

Full opened engine
hood

Easy opened
counterweight cover is
to protect the internal
controllers to avoid water
and dust

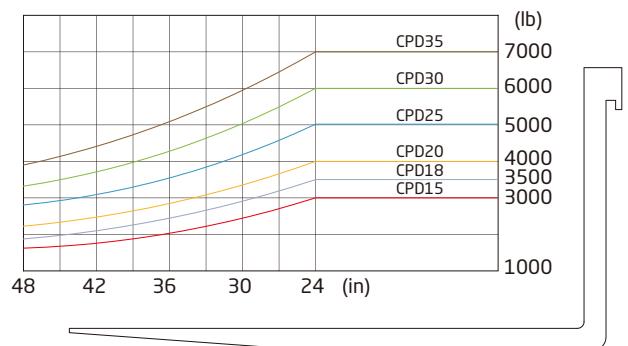
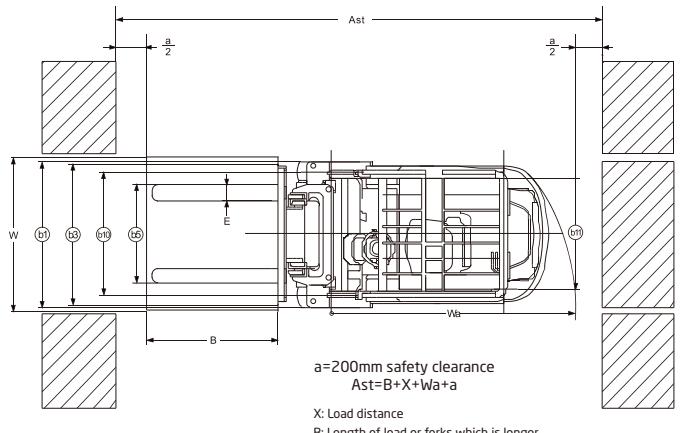
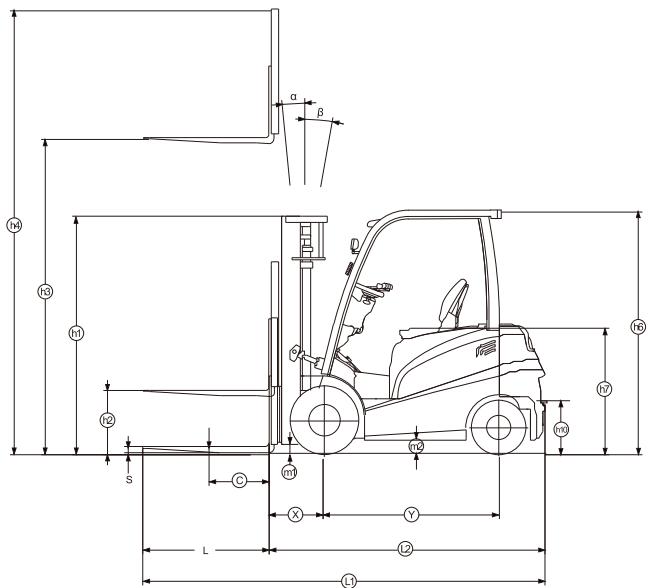
Protective roof

Accessory

Standard Features	Options
<ul style="list-style-type: none"> / High efficiency AC driving motor / Special for truck's lifting motor / Multi-functions dashboard / Full electronic controlled travelling, lifting and steering / Front lighting system, turning indicator, LED combined three colors's rear lights / Big dimension rubber pad / Sheet metal stamping made front and rear bottom plate / Sheet metal stamping made left and right cover and battery cover / Reversing beeper / Full hydraulic steering / Storage box / Soft landing system / Standard forks in red / 3m duplex wide view mast / Tow coupling / Center located rear view mirror / Suspension seat with higher OHG / Turning speed is automatically reduced when steering for Model 2.0~3.5t / The cover below control panel are fully closed / Dashboard is relocated to overhead, no restriction of the operator's visibility / EPB: Electronic Parking Brake 	<ul style="list-style-type: none"> / Side way battery change / Big capacity Chinese made battery / Cold store application / High performance import battery / Battery charger / Rear lighting system / Front dual tyre / SE tyre / Non-marking tyre / Left and right rear view mirror / Reversing hand grip with horn button / Wide fork carriage / Wide or higher load backrest / Other dimension forks / Duplex mast with full free lift / Triplex mast / Integrated side shift / Other attachments / OPS / Blue spot light / Other specification on demand

Color Selection

	Color NO. STD. Yellow		Color NO. STD. Red
	Color NO. RAL2000 Yellow Orange		Color NO. RAL6018 Traffic Green
	Color NO. RAL7032 Pebble Grey		Color NO. RAL6029 Mint Green
	Color NO. RAL5018 Truquoise Blue		Color NO. PANTONE 584C Grass Green



	Without backrest	Tilting range		Capacity (Mast vertical to ground)				Capacity (Mast most forward@max height)			
		Forward	Backward	Load center@24in Single Tire		Load center@24in Front Dual Tire		Load center@24in Single Tire		Load center@24in Front Dual Tire	
				6000lb in	7000lb in	6000lb lbs	7000lb lbs	6000lb lbs	7000lb lbs	6000lb lbs	7000lb lbs
	7000lb										
	in	(°)	(°)	6000	7000	6000	7000	4800	5600	4800	5600
	145	5	10	6000	7000	6000	7000	4800	5600	4800	5600
	145	5	10	6000	7000	6000	7000	4680	5460	4680	5460
	145	5	10	6000	7000	6000	7000	4620	5390	4620	5390
	1413	5	10	6000	7000	6000	7000	4800	5600	4800	5600
	1554	5	10	6000	7000	6000	7000	4680	5460	4680	5460
	1713	5	10	6000	7000	6000	7000	4620	5390	4620	5390
	1439	5	6	4800	5400	5400	6400	3456	3888	3888	4608
	1539	5	6	4500	4900	5200	5900	3196	3480	3692	4190
	1605	5	6	4200	4600	5000	5700	2940	3220	3500	3990
	1769	3	6	3300	3600	4700	5400	2508	2808	3666	4212
	1935	3	6	2400	2600	4100	4600	1824	1976	3200	3588



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