

Easy/
Efficiency/
Economy



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X Series Electric Platform Truck

with capacities of 1,000 to 5,000kg

The World of Hangcha



X Series Electric Platform Truck

The X series electric platform truck is a new series of products independently developed by Hangcha.

With exterior design, safety, reliability, advancement and comfort, etc. reaching the level of the world's advanced brands and featuring high speed, high efficiency and high safety, it is an ideal choice for the short- and medium-distance goods handling at railway stations, vehicle companies, etc.



Appearance

/ Streamline and large curved surface appearance, combined with eagle eye type LED integrated head light, entirely-new appearance and vision, more novel and fashionable.

Advancement

- / Digital dashboard with battery charge indicator, fault detection, speedometer and hour meter.
- / The whole truck has high speed and efficiency, and the traveling speed can reach 20km/h.
- / Permanent magnet brushless traction motor+electric control+aluminum alloy high-efficiency gear box, high efficiency, fast start-up, energy-saving and noise-reduced.
- / An optional configuration is provided: a full range of long-lasting batteries, large-capacity lead-acid battery. With a large distance from the ground, a small turning radius and a good passing ability.

Comfort

- / The front and rear axles are fully elastic suspension system with low vibration and good comfort.
- / Low step-on platform for comfortable access.
- / Different operating pedals, instruments, steering wheels and switches are configured according to the ergonomics requirements, operation is comfortable and flexible.
- / EPS (electric power steering) is optional, the force is 8-12N, it is easy for operator.
- / The fully-enclosed driver's cab is optional, and can meet all-weather works.

Maintenance

- / The AC traction motor is free maintenance, and the cost is greatly reduced.
- / The electric control cover plate can be easily dismantled, and it is convenient for commissioning and maintenance of the electric control system.
- / Controller and electrical components are placed together for high integration.
- / The battery lid with a gas spring provided for the standard configuration makes the repair, maintenance and replacement of the battery convenient and is applicable to continuous operating conditions.



Large screen display, the instrument panel adopts injection molding design, sturdy and durable



Full suspension operating platform, vibration is reduced, noise is isolated (1.5-5t)



LED headlight has the head light and dipped light functions. The front turn light utilizes the latest stream light technology



Repair, maintenance and replacement of the battery are convenient and fast, and it is suitable to continuous work



2 operators on board, optimised driving position for maximum comfort and efficiency (1.5-5t)



Reliability and Safety

- / Such main electric parts as motor controller, contactor, power plug, emergency power-off switch and so on are famous brand products.
- / The chassis, driving axle, steering axle and so on are designed based on high strength, and can meet the heavy-load operating conditions.
- / The frame and girder type structure, has light weight and great bearing capacity.
- / The emergency power-off switch is the standard configuration, and can meet the European safety standard.
- / The efficient AC power system has complete protection functions and greatly improved reliability and service life, powering the electric braking with protection for preventing sliding down a ramp.
- / With the battery placed at the bottom of the vehicle frame, the vehicle has good stability, safety and reliability.
- / Thanks for the brake system and anti-slip function, it provides safety and reliability.

Standard specification

- / LED light system
- / LCD screen
- / Standard battery
- / Side charging (lithium battery)
- / Emergency power-off switch
- / Horn
- / Reversing buzzer
- / File box (1.5-5t)
- / Cup holder (1.5-5t)
- / Angle adjustable steering wheel
- / Floating control platform
- / Seat belt
- / Combination LED three-color taillights
- / Chair

Options

- / EPS (Electric Power Steering) system (1.5-3t)
- / Reflecting mirror
- / Large capacity lead-acid battery
- / Large-diameter steering wheel
- / Alarm light
- / High performance lead acid battery
- / Suspension seat
- / Acoustic and optical alarm
- / Side charging (lead acid)
- / Large capacity lithium battery
- / Non-standard series platform
- / Blue light lamp
- / Battery side roll out
- / Non-standard series platform
- / LED Rear working light
- / Side shift battery trolley
- / OPS system
- / Terminal power supply
- / Voice-type reversing buzzer
- / Fire extinguisher
- / Charger
- / Solid tyre
- / Non-standard color
- / EPB (Electric Parking Brake) (1.5-3t)
- / Traction pin

Options (with cab)

- / Fully-enclosed cab
- / Semi-enclosed cab
- / Get on hand
- / RearView mirror
- / Ceiling light
- / Fan
- / Front single blade wiper
- / Front wiper sprinkler
- / Heater
- / Front glass defroster
- / Cooling and heating air conditioner

Note: Max. travel speed 14km/h for 1.5t with cab



Fully hydraulic steering (4-5t)

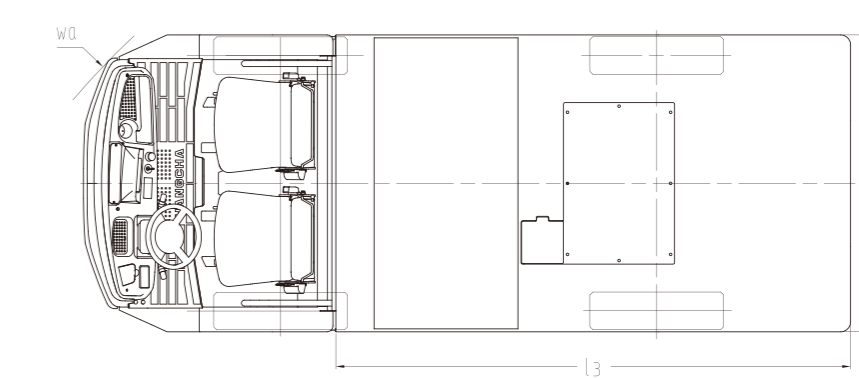
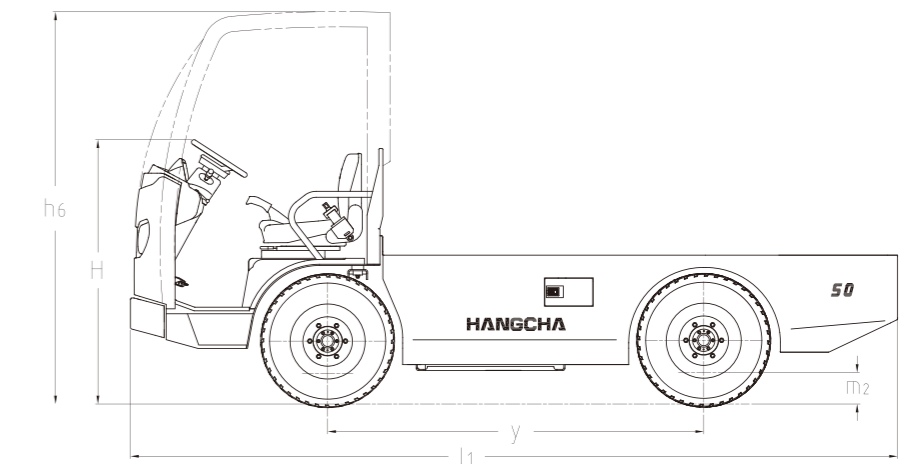
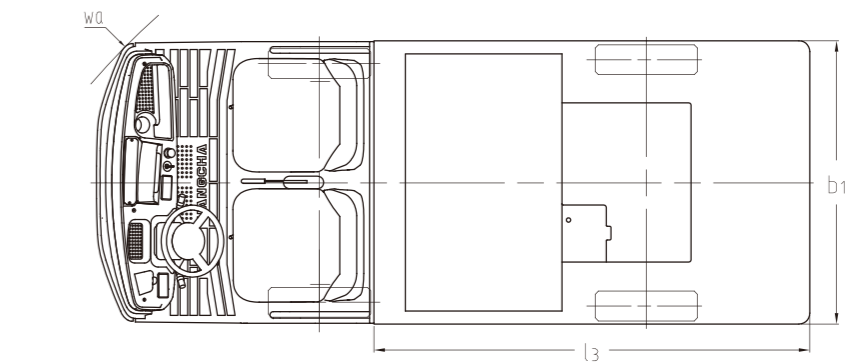
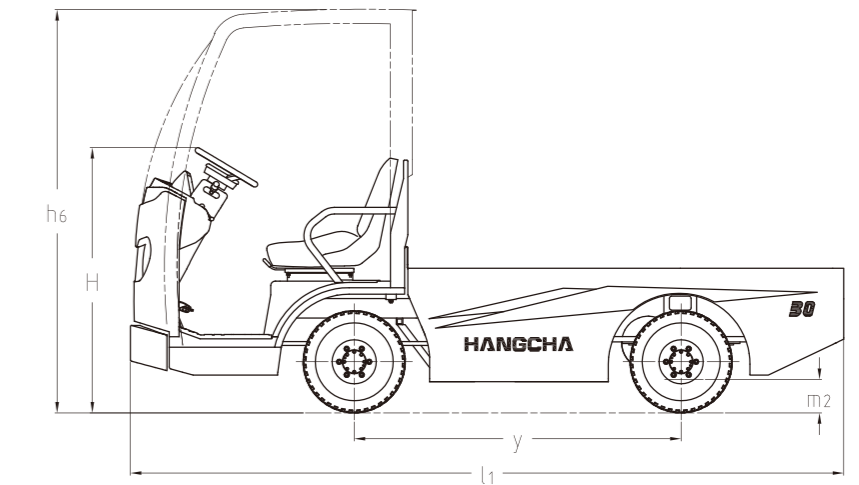
The follow-up steering system provided for the standard configuration has the advantages of low energy consumption, low noise, light steering force, a good feel, safe and reliable steering, etc.



X Series Electric Platform Truck Specification

Distinguishing mark	HANGCHA GROUP CO.,LTD.																													
	1.1	1.2	BD10-XC1*/BD10-XC1-I*		BD15-XXC1*/BD15-XXC1-I*		BD15-XD2*/BD15-XC2*		BD15-XD2-I*/BD15-XC2-I*		BD20-XD2*/BD20-XC2*		BD20-XD2-I*/BD20-XC2-I*		BD30-XD2*/BD30-XC2*		BD30-XD2-I*/BD30-XC2-I*		BD40-XC2*		BD40-XC2-I*		BD50-XC2*		BD50-XC2-I*					
1.3	1.1	1.2	Electric		Electric		Electric		Electric		Electric		Electric		Electric		Electric		Electric		Electric		Electric		Electric					
1.4	1.3	1.4	Seated		Seated		Seated		Seated		Seated		Seated		Seated		Seated		Seated		Seated		Seated		Seated					
1.5	1.5	1.6	1000		1500		1500		1500		2000		2000		3000		3000		4000		4000		5000		5000					
1.9	1.9	1.10	1210		1210		1235		1235		1500		1500		1500		1500		1900		1900		1900		1900					
2.1	2.1	2.1	814/690		824/700		1000		892		1200		942		1260		1000		1790		1515		1800		1525					
2.3	2.3	2.3	467/347		405/285		467/357		405/295		515/485		460/432		615/585		486/456		665/595		535/465		895/895		745/770		900/900		750/775	
3.1	3.1	3.1	Pneumatic		Pneumatic		Pneumatic		Pneumatic		Pneumatic		Pneumatic		Pneumatic		Pneumatic		Pneumatic		Pneumatic		Pneumatic		Pneumatic					
3.2	3.2	3.2	4.00-8-8PR		4.00-8-8PR		5.00-8-10PR		5.00-8-10PR		5.00-8-10PR		5.00-8-10PR		6.00-9-10PR		6.00-9-10PR		7.00-12-12PR		7.00-12-12PR		7.00-12-12PR		7.00-12-12PR					
3.3	3.3	3.3	5.00-8-10PR		5.00-8-10PR		5.00-8-10PR		5.00-8-10PR		5.00-8-10PR		5.00-8-10PR		6.00-9-10PR		6.00-9-10PR		7.00-12-12PR		7.00-12-12PR		7.00-12-12PR		7.00-12-12PR					
3.5	3.5	3.5	4(x=2)		4(x=2)		4(x=2)		4(x=2)		4(x=2)		4(x=2)		4(x=2)		4(x=2)		4(x=2)		4(x=2)		4(x=2)		4(x=2)					
3.6	3.6	3.6	879		879		1095		1095		1095		1095		1095		1095		1290		1290		1290		1290					
3.7	3.7	3.7	863		863		1130		1130		1130		1130		1145		1145		1290		1290		1290		1290					
4.7	4.7	4.7	1925		1925		1865		1865		1865		1865		1900		1900		1990		1990		1990		1990					
4.12	4.12	4.12	440		440		350		350		350		350		400		400		440		440		440		440					
4.16	4.16	4.16	1400		1600		1600		1600		2000		2000		2000		2000		2600		2600		2600		2600					
4.18	4.18	4.18	1000		1000		1300		1300		1300		1300		1300		1300		1500		1500		1500		1500					
4.19	4.19	4.19	2600		2800		2875		2875		3275		3275		3275		3275		3875		3875		3875		3875					
4.21	4.21	4.21	1000		1000		1300		1300		1300		1300		1300		1300		1500		1500		1500		1500					
4.21	4.21	4.21	1240		1240		1210		1210		1210		1210		1244		1244		1335		1335		1335		1335					
4.32	4.32	4.32	120		120		120		120		120		120		155		155		175		175		175		175					
4.35	4.35	4.35	2700		2700		2850		2850		3300		3300		3300		3300		3900		3900		3900		3900					
5.1	5.1	5.1	13/17.5		12/17.5		13.5/18		13.5/18		14/18		14/18		13/20		13/20		13/16		13/16		12/16		12/16					
5.6	5.6	5.6	3650		3650		5200		5200		5200		5200		6500		6500		9000		9000		9000		9000					
5.8	5.8	5.8	15		10		12		12		12		12		12		12		12		12		12		12					
5.10	5.10	5.10	Electromagn+Hydraulic																											
6.1	6.1	6.1	Mechanical		Mechanical		Mechanical		Mechanical		Mechanical		Mechanical		Mechanical		Mechanical		Mechanical		Mechanical		Mechanical		Mechanical					
6.1	6.1	6.1	3		3		5		5		5		5		5		5		6		6		6		6					
6.4	6.4	6.4	48/140		51.52/125		48/140		51.52/125		72/120		80/125		72/180		80/125		72/240		80/228		72/240		80/228					
6.5	6.5	6.5	224		100		224		100		268		150		418		150		485		210		485		210					
6.5	6.5	6.5	850/400/330		830/400/300		850/400/330		830/400/300		1072/402/321		1070/400/370		1072/566/321		1070/400/370		1072/566/321		1070/564/370		1072/566/321		1070/564/370					
10.7	10.7	10.7	<65		<65		<65		<65		<65		<65		<65		<65		<65		<65		<65		<65					

Note:
 Electric control configuration: D1(INMOTION) / C1(CURTIS)
 ★ CE model



1.5/2.0/3.0t Specifications of platforms

Length	Width						
	1600	2000	2240	2400	3000	4000	4500
1300	■ Standard configuration	■ Standard configuration	●	●			
1400		●	●	●			
1500				●	●	●	●
1800						○	○

Note: ● Preferably select ○ optional Guardrail height: ■ 220 □ 320mm

4.0/5.0t Specifications of platforms

Length	Width					
	2600	3200	4000	4600	5000	6000
1500	■ Standard configuration	●	●	○		
1600		○	○			
1800			○			
2000			○	○	○	○
2600				○		

Note: ● Preferably select ○ optional Guardrail height: ■ 220 □ 320mm

Table of the battery

Capacity(Ah)	Battery Type							
	BD10	BD15-X	BD15	BD20	BD30	BD40	BD50	
115			○					
120			●					
135			○					
140	●	●	○					
165			○	○				
180				●	●			
210				○	○			
220				○	○			
240				○	○	●	●	
252				○	○	○	○	
300				○	○	○	○	
330				○	○	○	○	
385						○	○	
420						○	○	
125	●	●	●	●	●			
202				○	○	●	●	
228				○	○	○	○	
230			○	○	○	○	○	
304				○	○	○	○	

Note:
 ● Standard battery capacity;
 ○ Optional battery capacity