



Electric Platform BD 1.0-3.0t

with capacities of 1,000 to 3,000kg

The new electric platforms are widely used in many industries like manufacturing, logistics, railway station, postal service, airport, and etc..

This electric platform has the advantages of low noise, environment friendly, easy operation, and low running cost.

Introduction

- / Compact design for optimum manoeuvrability.
- / Transverse located driving motor, and battery located in the bottom of the chassis, both provide low center of truck's gravity, and good stability.
- / Specialized steering axle for electric trucks, modified driving axle, more economical, and better load capacity.
- / Small tyres, low platform, easy for loading and unloading.
- / Applied international famous brands of electric controller, connectors, and plug, and the emergency switch.
- / Emergency switch is standard specification, and meet Euro related safety standard.
- / American Curtis LCD battery indicator, even in poor environment can work well.
- / Full closed electric controller, free of water and dust.
- / Both front and rear axle are applied plat spring suspend technology, promote the driver's comfort ability.



Standard Specification

- / Hour meter, Battery indicator
- / Front lighting, direction changing indicator, rear lighting
- / Emergency cut off switch
- / Reverse beeper
- / Storage box
- / Tow coupling
- / Adjustable steering wheel

Options

- / Different color
- / SE tyre
- / Imported battery
- / Rear working lamp
- / Battery charger
- / Cabin (full cabin, or Semi-closed cabin)
- / Warning lights
- / Guardrail of platform



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Distinguishing mark	Item	Unit	HANGCHA GROUP CO.,LTD.			
			BD10	BD20/BD20-C1	BD30/BD30-C1	
Distinguishing mark	1.1	Manufacturer	HANGCHA GROUP CO.,LTD.			
	1.2	Manufacturer's type designation	BD10	BD20/BD20-C1	BD30/BD30-C1	
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker	Seated	Seated	Seated	
	1.5	Rated capacity/rated load	Q (kg/lb)	1000/2205	2000/4409	3000/6614
	1.7	Rated drawbar pull	F (N/lbf)	300/57	600/135	750/169
Weight	1.9	Wheelbase	y (mm/in)	1400/55.1	1400/55.1	1600/63.0
	2.1	Service Weight	kg/lb	980/2161	1040/2293	1410/3109
Tyres, chassis	3.2	Tyre size, front	5.0-8	5.0-8 Solid	6.0-9-10p.r	
	3.3	Tyre size, rear	5.0-8	5.0-8 Solid	6.5-10-10p.r	
	3.5	Wheels, number front / rear (x = driven wheels)	2/2	2/2	2/2	
	3.6	Tread, front	b ₁₀ (mm/in)	948/37.3	948/37.3	1115/43.9
	3.7	Tread, rear	b ₁₁ (mm/in)	1000/39.4	1000/39.4	1200/47.2
Dimensions	4.7	Height of overhead guard (cabin)	h ₆ (mm/in)	1134(1800) 44.6(70.9)	1134(1800) 44.6(70.9)	1205(1850) 47.4(72.8)
	4.12	Coupling height	h ₁₀ (mm/in)	300/11.8	300/11.8	335/13.2
	4.16	Length of loading surface	l ₃ (mm/in)	1900/74.8	1900/74.8	2240/88.2
	4.18	Width of loading surface	b ₉ (mm/in)	1100/43.3	1100/43.3	1400/55.1
		Height of loading surface	h (mm/in)	667/26.3	667/26.3	746/29.4
	4.19	Overall length	l ₁ (mm/in)	3158/124.3	3158/124.3	3498/137.7
	4.21	Overall width	b ₁ (mm/in)	1140/44.9	1140/44.9	1400/55.1
4.32	Ground clearance, centre of wheelbase	m ₂ (mm/in)	80/3.1	80/3.1	140/5.5	
4.35	Turning radius	W _a (mm/in)	3700/145.7	3700/145.7	3800/149.6	
Performance Data	5.1	Travel speed, laden/unladen	km/h mph	10/15 6.2/9.3	10/15 6.2/9.3	10/15 6.2/9.3
	5.6	Max. Drawbar pull,	N/lbf	2234/502	5200/1169	5488/1234
	5.7	Gradeability, laden/unladen	%	10/12	10/12	10/12
Electric Engine	6.1	Drive motor rating S2 60 min	kW / (hp)	1.6/2.1	3/4.5 (4.0/6.0)	4.5/6.0
	6.4	Battery voltage, nominal capacity K5	V/Ah	48/240	48/240	48/240

BD10/BD20/BD30: DC Drive motor

BD20-C1/BD30-C1: AC Drive motor

