

 **HAOSHENG**
HENSEN



BD

Battery Fixed Platform Truck

2-4T | 5-12T | 15-25T | 30-80T

BD 2-4 TONS



Full Enclosed Cab



Single side fully enclosed Cab



Single side semi-convertible Cab



Semi-convertible Cab



Single-side convertible Cab



Full convertible Cab

BD 5-12 TONS



Full Enclosed Cab



Single side fully enclosed Cab



Semi-convertible Cab



Single side semi-convertible Cab



Single-side convertible Cab



Full convertible Cab

Load capacity: 2 - 4 (T)

(● Standard configuration ○ Optional × NON)

BD SERIES	LOAD CAPABILITY:2-4(T)					● Standard configuration		○ Optional		× NON	
Parameter List	Item NO.	HSBD 002			HSBD 003			HSBD 004			
	Optional	Standard configuration	High end		Standard configuration	High end		Standard configuration	High end		
	Load capacity(T)	2			3			4			
	Load table dim.(mm)	L2400×W1500×H<750			L2400×W1500×H<770			L3000×W1500×H<800			
	Motor power(kW)	8.6	11.6		11.6	13.5		13.5	16.1		
	No-load max speed (km/h)	≥20			≥20			≥20			
	Full-load max speed (km/h)	≥16			≥16			≥16			
	Climb ability	8%×15	12%×15		8%×15	12%×15		8%×15	12%×15		
	Battery capacity(Wh)	13800	16560		13800	16560		16560	17640		
	Tire	Pneumatic tires									
Optional Functions	Cab optional(●)										
	Item NO.	Optional	Fence	Lithium battery	Automatic water refilling	Permanent magnet brushless full hydraulic steering		Indicator	A/C	Solid tire	Backup camera
	HSBD-002	Standard configuration	○	○	○	●		○	○	○	
		High end	○	○	○	●		○	○	○	○
	HSBD-003	Standard configuration	○	○	○	●		○	○	○	○
		High end	○	○	○	●		○	○	○	○
	HSBD-004	Standard configuration	○	○	○	●		○	○	○	○
		High end	○	○	○	●		○	○	○	○

1-Fan & USB charging in full enclose cab 2-Cup holder for every items 3-Cell phone holder for every items 4-High and low speed toggle switch
5-Reverse half speed safety function 6-Permanent magnet brushless full hydraulic steering 7-Shock absorbing seat

Load capacity: 5 - 12 (T)

(● Standard configuration ○ Optional × NON)

BD SERIES	LOAD CAPABILITY:5-12(T)						● Standard configuration		○ Optional		× NON	
Parameter List	Item NO.	HSBD 005			HSBD 008			HSBD 010			HSBD 012	
	Optional	Standard configuration	High end	Standard configuration	High end	Standard configuration	High end	Standard configuration	High end	Standard configuration	High end	
	Load capacity(T)	5			8			10			12	
	Load table dim.(mm)	L3600×W1600×H<870			L3800×W1800×H<900			L4000×W2000×H<950			L4500×W2200×H<990	
	Motor power(kW)	16.1	20.6	20.6	25.6	25.6	27.8	27.8	30.2			
	No-load max speed (km/h)	≥16	≥20	≥16	≥20	≥16	≥20	≥15	≥18			
	Full-load max speed (km/h)	≥13	≥16	≥13	≥16	≥13	≥16	≥12	≥13			
	Climb ability	8%×15	12%×15	8%×15	12%×15	8%×15	12%×15	8%×15	12%×15			
	Battery capacity(Wh)	17640	20160	20160	23760	23760	26400	23760	26400			
	Tire	Pneumatic tires										
Optional Functions	Cab optional(●)											
	Item NO.	Optional	Fence	Lithium battery	Automatic water refilling	Hydraulic brake	Pneumatic braking	Indicator	A/C	Solid tire	Backup camera	Permanent magnet brushless full hydraulic steering
	HSBD-005	Standard configuration	○	○	○	×	×	○	○	○	○	●
		High end	○	○	○	×	×	○	○	○	○	●
	HSBD-008	Standard configuration	○	○	○	×	×	○	○	○	○	●
		High end	○	○	○	×	×	○	○	○	○	●
	HSBD-010	Standard configuration	○	○	○	×	×	○	○	○	○	●
		High end	○	○	○	×		○	○	○	○	●
	HSBD-012	Standard configuration	○	○	○	×	×	○	○	○	○	●
		High end	○	○	○	×	×	○	○	○	○	●

BD 15-25 TONS



Full Enclosed Cab



Single side fully enclosed Cab



Semi-convertible Cab



Single side semi-convertible Cab



Single-side convertible Cab



Full convertible Cab

BD 30-80 TONS



Full Enclosed Cab



Single side fully enclosed Cab



Semi-convertible Cab



Single side semi-convertible Cab



Single-side convertible Cab



Full convertible Cab

(● Standard configuration ○ Optional × NON)

BD SERIES	LOAD CAPABILITY:15-25(T)					● Standard configuration ○ Optional × NON							
Parameter List	Item NO.	HSBD 015			HSBD 020				HSBD 025				
	Optional	Standard configuration	High end		Standard configuration	High end		Standard configuration	High end				
	Load capacity(T)	15			20				25				
	Load table dim.(mm)	L6000xW2500xH<1040			L6000×W2500×H<1100				L6500×W2500×H<1300				
	Motor power(kW)	30.2	30.2		33.2	36.8		36.8	42.6				
	No-load max speed (km/h)	≥13	≥15		≥12				≥11				
	Full-load max speed (km/h)	≥11	≥13		≥10				≥9				
	Climb ability	8% x 15	12% x 15		6%×12	8%×12		6%×12	8%×12				
	Battery capacity(Wh)	26400	35200		35200	49600		49600	56000				
	Tire	Pneumatic tires											
Optional Functions	Cab optional(●)												
	Item NO.	Optional	Fence	Lithium battery	Automatic water refilling	Hydraulic brake	Pneumatic braking	Indicator	A/C	Solid tire	Backup camera		
	HSBD-015	Standard configuration	○	○	○	×	×	○	○	○	●		
		High end	○	○	○	×	×	○	○	○	●		
	HSBD-020	Standard configuration	○	○	○	●	×	○	○	○	●		
		High end	○	○	○	●	×	○	○	○	●		
	HSBD-025	Standard configuration	○	○	○	●	×	○	○	○	●		
High end		○	○	○	●	×	○	○	○	●			

1-Fan & USB charging in full enclose cab 2-Cup holder for every items 3-Cell phone holder for every items 4-High and low speed toggle switch
5-Reverse half speed safety function 6-Permanent magnet brushless full hydraulic steering 7-Shock absorbing seat

Load capacity: 30 - 80 (T)

BD SERIES	LOAD CAPABILITY:30-80(T)							● Standard configuration ○ Optional × NON							
Parameter List	Item NO.	HSBD 030			HSBD 040			HSBD 050			HSBD 060			HSBD 080	
	Optional	/			/			/			/			/	
	Load capacity(T)	30			40			50			60			80	
	Load table dim.(mm)	L7000×W2500×H<1300			L7000×W2500×H<1350			L7500×W2800×H<1350			L9000×W2800×H<1350			L10000×W2800×H<1400	
	Motor power(kW)	49.8			61.6			46.3×2			49.8×2			58.2×2	
	No-load max speed (km/h)	≥10			≥10			≥9			≥9			≥9	
	Full-load max speed (km/h)	≥8			≥8			≥7			≥7			≥7	
	Climb ability	6%×12			6%×12			6%×12			6%×12			6%×12	
	Battery capacity(Wh)	56000			67200			67200			86400			129600	
	Tire	Pneumatic tires			Front Pneumatic tires Rear solid tire			solid tire							
Optional Functions	Cab optional(●)														
	Item NO.	Optional	Fence	Lithium battery	Automatic water-refilling	Hydraulic brake	Pneumatic braking	Indicator	A/C	Solid tire	Backup camera	Permanent magnet brushless AC hydraulic steering	Fully Hydraulic Wet Disc Braking	Electric Steering	
	HSBD-030	/	○	○	○	×	●	●	○	○	●	○	×	×	
	HSBD-040	/	○	○	○	×	●	●	○	○	●	○	×	×	
	HSBD-050	/	○	○	○	×	×	●	○	●	●	×	●	●	
	HSBD-060	/	○	○	○	×	×	●	○	●	●	×	●	●	
	HSBD-080	/	○	○	○	×	×	●	○	●	●	×	●	●	

OUR ADVANTAGES

High Comfort

- 1.Designed according to ergonomic principles, with an adjustable steering wheel tilt angle and a seat that can be adjusted forward and backward, allowing drivers of different heights to find the optimal driving position.
- 2.Equipped with a new large-screen LED instrument panel, offering excellent visibility, intuitive reading, and a user-friendly human-machine interface. Supports remote fault diagnosis.
- 3.Two travel speed options—high and low—are available to suit different speed-restricted areas.

High Efficiency & Energy Saving

- 1.AC motors are maintenance-free, reducing the cost of replacing brushes and other maintenance expenses. The AC drive system features high efficiency, comprehensive protection functions, and built-in speed and temperature sensors, greatly improving reliability and service life.
- 2.The regenerative braking system eliminates mechanical wear during braking while charging the battery at the same time, effectively saving energy and increasing driving range.
- 3.All models are equipped with permanent magnet synchronous full-hydraulic steering, ensuring flexible and light steering. The permanent magnet motor is maintenance-free and offers high steering efficiency.

Safety & Reliability

- 1.Equipped with main power switch, key switch, brake switch, and other electrical safety switches.
- 2.The chassis is developed based on construction machinery vehicles, providing a load-bearing capacity far superior to other modified chassis.
- 3.The high-frequency MOSFET integrated controller ensures smooth and precise travel control with excellent speed regulation performance, and features regenerative braking, reverse braking, and anti-rollback on slopes.

Full Protection

- 1.Automatic alarm for low electrolyte level in lead-acid batteries; high cycle life for lithium batteries with remote information diagnostics.
- 2.Automatic maintenance reminders for the whole vehicle and its components.
- 3.Provides vehicle information data for digital factories.

Electric platform trucks feature high efficiency and energy savings, environmental cleanliness, ease of operation, strong load capacity, low maintenance costs, and wide applicability, making them an indispensable material handling solution for modern enterprises.



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