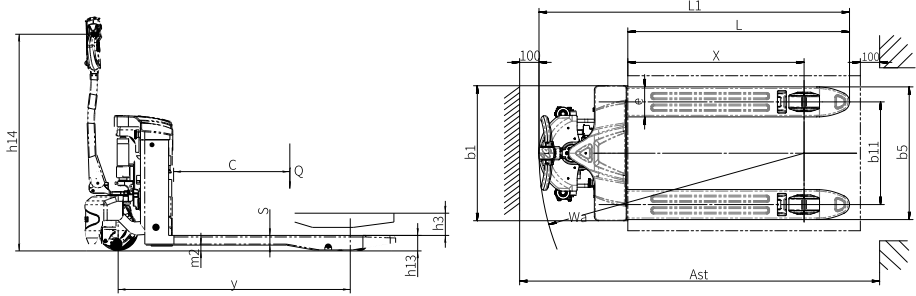


Manufacturer’ s Data and Design Characteristics

Characteristics									
1.01	Manufacturer			HELI					
1.02	Model			CBD15	CBD20	CBD15	CBD20		
1.03	Configuration number			A/BH	A/BH	A/BLiH	A/BLiH		
1.04	Type of operation			Pedestrian propelled	Pedestrian propelled	Pedestrian propelled	Pedestrian propelled		
1.05	Rated capacity	Q	kg	1500	2000	1500	2000		
1.06	Load center distance	c	mm	600	600	600	600		
1.07	Lift height	h3		110	110	110	110		
1.08	Front overhang	x	mm	915	915	915	915		
1.09	Wheelbase	y	mm	1256	1294	1197	1197		
Tyres									
2.01	Tyre type			Polyurethane	Polyurethane	Polyurethane	Polyurethane		
2.02	Tyre size,driving wheels	φ*w	mm	φ210*75	φ210*75	φ210*75	φ210*75		
2.03	Tyre size,loading wheels	φ*w	mm	2*φ80*61	2*φ80*61	2*φ80*61	2*φ80*61		
2.04	Tyre size,additional wheels	φ*w	mm	2*φ70*30 (Option)	2*φ70*30 (Option)	2*φ70*30 (Option)	2*φ70*30 (Option)		
2.05	Wheels,number front/rear (x=driven wheels)			1x/4 or 1x+2/4	1x/4 or 1x+2/4	1x/4 or 1x+2/4	1x/4 or 1x+2/4		
2.06	track width, loading side	b11	mm	395	530	395	530	395	530
Dimensions									
3.01	Overall length	L1	mm	1662	1698	1603	1603		
3.02	Overall width	b1	mm	562	562	562	562	697	697
3.03	Fork dimension	s/e/l	mm	50*155*1150/1200	50*155*1150/1200	50*155*1150/1200	50*155*1150/1200		
3.04	Width of forks	b5	mm	550	550	550	550	685	685
3.05	Lowered height	h13	mm	85	85	85	85		
3.06	Min.Ground clearance	m2	mm	30	30	30	30		
3.07	Height drawbar in driving position min./max	h14	mm	730/1182	730/1182	730/1182	730/1182		
3.08	Aisle width with pallet 1000x1200 across forks	Ast	mm	1850	1885	1800	1800		
3.09	Aisle width with pallet 800x1200 along forks	Ast	mm	1970	2005	1915	1915		
3.10	Min.Turning radius	Wa	mm	1430	1468	1370	1370		
Performance Data									
4.01	Travel speed (laden/unladen)		km/h	4/4.5	4.5/5	4.5/5	4.5/5		
4.02	Lift speed (laden/unladen)		mm/s	28/40	20/30	28/40	20/30		
4.03	Lowering speed (laden/unladen)		mm/s	50/40	50/40	50/40	50/40		
4.04	Max.gradeability (laden/unladen)		%	6/16	6/16	6/16	6/16		
4.05	Service brake type			Electromagnetic brake	Electromagnetic brake	Electromagnetic brake	Electromagnetic brake		
Battery									
5.01	Battery voltage/rated capacity		V/Ah	24V/ (65/85Ah)	48V/ (30/40Ah)	24V/ (40/50/60Ah)	48V/ (20/30Ah)		
5.02	Battery weight		kg	30	42	8	12		
5.03	Charger specification			24V/10A	48V/5A	24V/15A	48V/9A		
Motor and controller									
6.01	Driving motor powering (S2-60min)		kW	0.75	1	0.75	1		
6.02	Lifting motor powering (S3-15%)		kW	0.8	0.8	0.8	0.8		
6.03	Controller			JIACHEN/SUWEI	QEXPAND	JIACHEN/SUWEI	QEXPAND		
Weight									
7.01	Total weight (with battery)		kg	195/210	205/220	175/180	175/180		
7.02	Axle load (laden,front/rear)		kg	511/1184	521/1188	631/1574	642/1578	560/1115	562/1118
7.03	Axle load (unladen,front/rear)		kg	134/61	143/67	143/62	153/67	137/38	141/39
7.03	Axle load (unladen,front/rear)		kg	134/61	143/67	143/62	153/67	137/38	141/39
Addition data									
8.01	Type of drive control			DC	DC	DC	DC		
8.02	Sound pressure level at the driver ’s ear		dB(A)	≤69	≤69	≤69	≤69		
8.03	Steering type			Manual steering	Manual steering	Manual steering	Manual steering		



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CBD15/20
A/B(LI)H



1.5-2 t

H Series Electric pallet truck



CBD15/20

A/B(LI)H

H Series Electric pallet truck

Novelty appearance

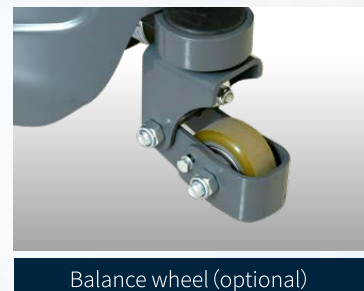
- New styling for a fresh look;
- Lightweight and compact, powerful;
- Bronze tripod-style front cover, calm temperament;
- All-metal body, reinforced fork structure, sturdy and collision-resistant.

Safe and reliable

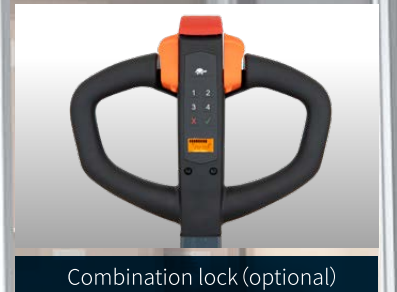
- The 2t model is equipped with a maintenance-free permanent magnet brushless motor for high reliability.
- Lithium models CAN truck charging and discharging power real-time accurate display, undervoltage multi-level protection, intelligent charging, low energy consumption intelligent hibernation;
- Lifting electric limit, traveling ops switch, high reliability.



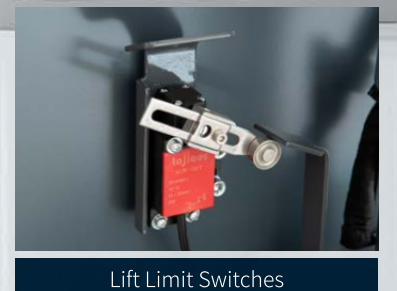
Multifunction meter



Balance wheel (optional)



Combination lock (optional)

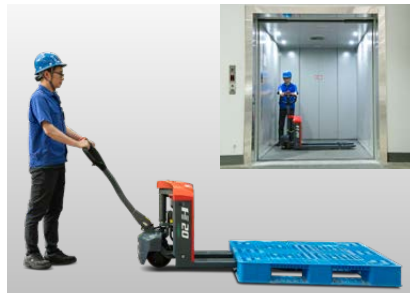


Lift Limit Switches



Highly operational

- Free access to double-sided empty pallets.
- Standardly equipped with upright maneuvering and turtle speed function, small turning radius, flexible and convenient operation.



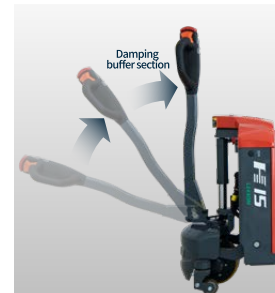
Free access to double-sided empty pallets, access to elevators



Small turning radius

Comfortableness

- The return end of the gas spring is damped for operating comfort.
- Split lifting cylinder design, light steering.



Gas spring return cushion



Split Lift Cylinder

Serviceability

- Magnetic flap design, easy and quick maintenance.
- Portable lithium battery, easy to replace.
- Maintenance-free lead-acid battery, no need to replenish liquid.
- Reserve electromagnetic brake unlocking device, convenient for towing maintenance.



Portable lithium battery



Reserve electromagnetic brake unlocking device

Optional

- Optional turning speed limit, high-capacity battery, all-around balance wheel configuration.
- Lithium-ion truck with optional electric heating, combination lock, external charger, low discharge model.



Low-discharge model with external charger (optional)