Configuration parameter

Item		
Tire type	Front and rear Polyurethane tires	●
Keys	Universal keys	●
	Non-universal keys	○
	Card	○
	Universal keys and password lock	○
Battery capacity(Ah)	202(2t standard configuration)	●
	228(2.5t standard configuration)	○
	280	○
	346	○
	404	○
Charger	No	●
	Built-in charger	○
Width across forks(mm)	550	●
Fork length(mm)	1150	●
	1200-2400	○
Minimum fork height(mm)	85	●
Packaging method	HELI packaging	●
	Neutral packaging	○

Item		
Timing method	Power-on timing	●
	Travel timing	○
Plates	Plates in Chinese	●
	Plates in English(EN)	○
	Plates in French	○
	Plates in German	○
Steering wheel	Domestic steering wheel	●
	Imported steering wheel	○
Load Wheel (Front Wheel)	Dual tries	●
Built-in bracket	No	●
	Barcode scanner holder	○
	A4 paper holder	○
Light	No	●
	Daytime running lights	○
	Front light	○
	Daytime running lights and Front light	○
Load Backrest Option	No load backrest installed	●
	Elevated load backrest, H=1660mm	○

Standard: ● Optional : ○

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HELI

CBD20/25 A2RBLIH

H Series 2-2.5t Stand-on Pallet Truck

COMFORT AND ENERGY SAVING

STABLE AND RELIABLE

INTELLIGENT SECURITY

CONVENIENT MAINTENANCE

CBD20/25
A2RBLIH

H Series 2-2.5t
Stand-on Pallet Truck

Performance

24V AC platform with outstanding performance and versatile configurations, significantly enhancing work efficiency.

Reliability

Robust and durable, compliant with CE/UKCA requirements

Appearance

Featuring a streamlined design for a more dynamic appearance.

Intelligent Safety

PES three-speed mode to meet the needs of different occasions and working conditions

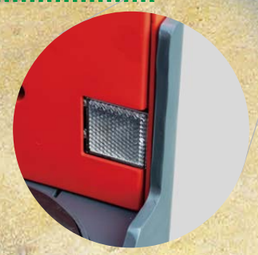
- Standard Mode
- Power Mode
- Economic Mode

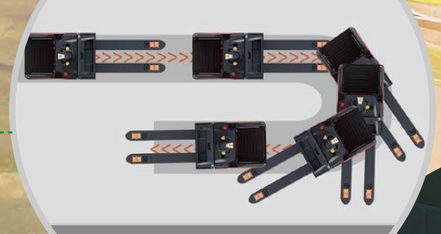
Drive System

Equipped with a ZF gearbox, providing fast travel speed, reliable quality, and high driving efficiency. The drive system features a drive-wheel load boosting mechanism that automatically adjusts the drive-wheel load according to different loads.

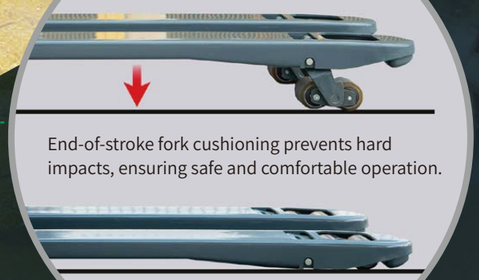
Standard configuration with operator stand-on OPS pedal.

Optional foot-operated electronic safety fence; vehicle brakes automatically if the operator' s feet leave the designated area.





Standard configuration of speed limiter to ensure driving safety.



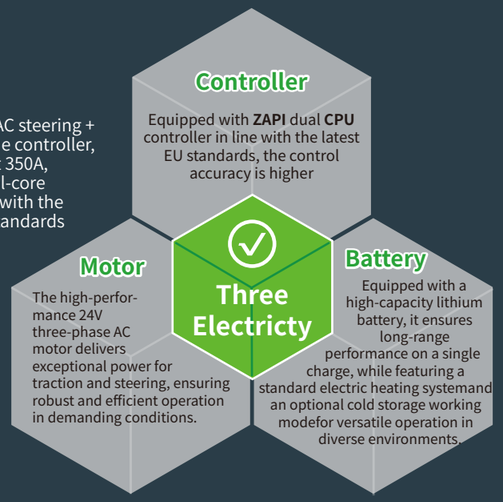
End-of-stroke fork cushioning prevents hard impacts, ensuring safe and comfortable operation.

Robust frame structure with optional extended forks up to 2400 mm; full vehicle load capacity of 2500 kg is maintained.

Robust Performance

Controller Assembly

ZAPI drive + EPS AC steering + lifting three-in-one controller, max drive current 350A, super power; dual-core controller, in line with the latest EU safety standards



Ergonomic Design

Steering wheel height is infinitely adjustable to accommodate different operator preferences.

Ample storage space with clearly defined functional areas, enhancing user experience.

Standard USB port, optional Type-A + Type-C, allowing electronic devices to be charged anytime, anywhere

Standard electric power steering for effortless operation.

Paired with a speed-sensitive damping steering system, providing superior handling and safer operation at high speeds.

Spacious operator stand-on area

The operator stand-on pedal features polyurethane shock pads and springs for dual-stage damping, ensuring smooth operation even on bumpy surfaces.

Multi-function Steering Wheel

Traction switch,left

Traction switch,right

Lift switch,left

Lift switch,right

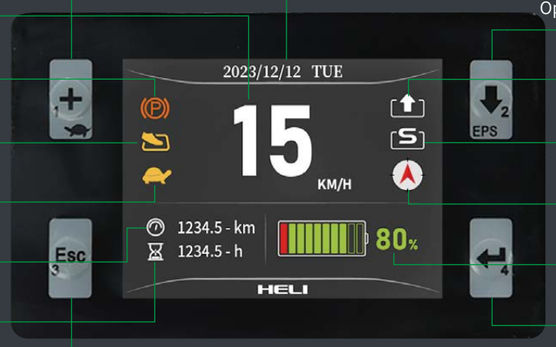
Horn switch,left

Horn switch,right

Service brake

Parking brake switch

Reliable Instrument Panel



Increase/Decrease Button
Turtle Speed Selection Button

Current Operating Speed

Parking Brake Indicator

Pedal Detection Indicator

Turtle Mode

Odometer

Timer

Back Button

Current Date

Directional Keys
Operating Mode Selection Key

Direction Gear Indicator

Operating Mode Indicator

Steering Angle

Battery Level

Confirm/OK Button

Battery

Standard side-pull battery for quick replacement, improving operational efficiency.

The charging port is located on the side, eliminating the need to disconnect the entire device, making charging convenient.

24V charger, with optional built-in 35A or 50A chargers for flexible charging anytime, anywhere, and an external 100A charger for high-efficiency charging.

The battery comes standard with electric heating, easily tackling cold environments.

Optional batteries of various capacities to support extended operating time.

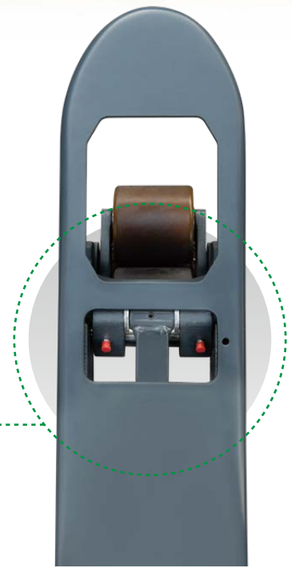
Easy Maintenance

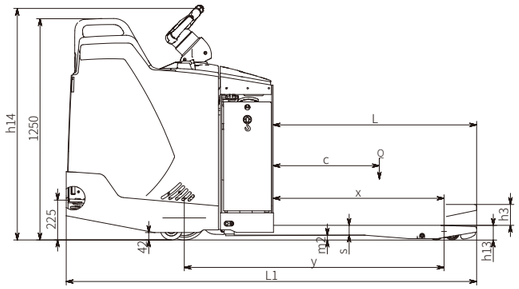
Adjust mechanism of lifting travel switch

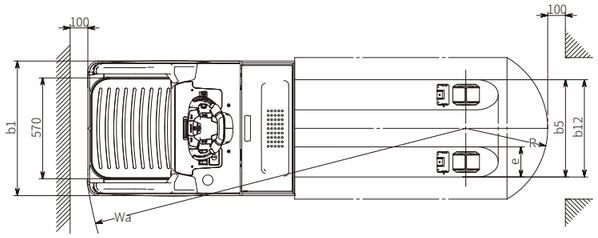
The adjustment mechanism of the lifting travel switch facilitates the adjustment of the lifting height, and the side roller adjustment mechanism of the combined roller facilitates the adjustment of the clearance of the side roller

Lubricated bushings and nozzle

All rotating shafts are equipped with lubricated shaft sleeves and grease nipples for easy maintenance and long service life







Manufacturer and Technical DATA

	Characteristics				
1.01	Model			CBD20	CBD25
1.02	Configuration No.			A2RBLIH	A2RBLIH
1.03	Operating mode			Stand-on	Stand-on
1.04	Rated capacity	Q	kg	2000	2500
1.05	Load center distance	c	mm	600	600
1.06	Fork Maximum Lifting Height	h3	mm	122	122
1.07	Front overhang	x	mm	913/967	913/967
1.08	Wheelbase	y	mm	1415/1469	1415/1469
	Wheels				
2.01	Tyre type			Polyurethane	Polyurethane
2.02	Tyre size,front	Ø*w		Ø250x75	Ø250x75
2.03	Tyre size,rear	Ø*w		Ø82x85	Ø82x85
2.04	Tyre size,assistant	Ø*w		Ø125x55	Ø125x55
2.05	Number of Wheels (Front/Rear, X=Drive Wheels)			1X+2/4	1X+2/4
2.06	Tread width,rear	b11	mm	390	390
	Dimensions				
3.01	Overall Length	Ll	mm	2320	2320
3.02	Overall Width	b1	mm	760	760
3.03	Fork dimensions	s/e/l	mm	1150x170x55	1150x170x55
3.04	Width across forks	b5	mm	550	550
3.05	Minimum fork height	h13	mm	85	85
3.06	Ground Clearance centre of wheelbase	m2		27	27
3.07	Minimum/Maximum height of tiller handle	h14	mm	1334/1416	1334/1416
3.08	Aisle width (Pallet 1000x1200,1200 along fork)	Ast	mm	2912	2912
3.09	Aisle width (Pallet 800x1200,1200 along fork)	Act	mm	2283	2283
3.10	Turning radius	Wa	mm	2160	2160
	Performance				
4.01	Travel speed (laden/unladen)		km/h	10/12.5	10/12.5
4.02	Lifting speed (laden/unladen)		mm/s	60/90	60/90
4.03	Lowering speed (laden/unladen)		mm/s	90/80	90/80
4.04	Gradeability (laden/unladen)		%	10/20	10/20
4.05	Braking type			Electrornagnetic brake	Electrornagnetic brake
4.06	Drive motor		KW	2.8	2.8
4.07	Lifting motor		KW	3	3
4.08	Electric control			ZAPI	ZAPI
4.09	Vehicle weight (including battery)		kg	890	890
4.10	Front/rear axle load (full load)		kg	1237/1653	1362/2028
4.11	Front/rear axle load (no load)		kg	737/152	737/152
4.12	Battery voltage/capacity		V/Ah	24/202	24/228
4.13	Battery weight		kg	170	170
4.14	Drive control type			AC	AC
4.15	Noise level at driver's workstation		dB(A)	⩽70	⩽70
4.16	Steering type			Electric steering	Electric steering