

# HELI

## CBD15/18/20J-Li-S Lithium Battery Powered Pallet Truck

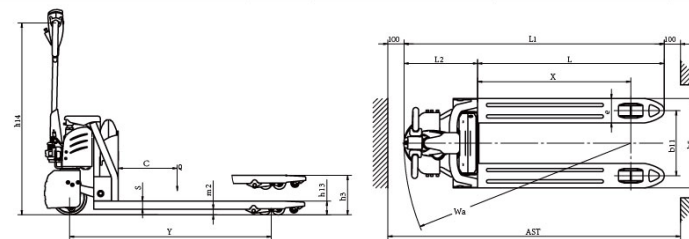
### Characteristics:

- Simple, flexible, light weight and small turning radius make the truck suitable use in extremely narrow aisle.
- The main parts are wrapped with protective cover, which is safe, reliable and easy to disassemble, and convenient for maintenance and repair.
- Same hydraulic pump with the hand pallet, simple and reliable
- Integrated handle integrates key and meter make the operation easy and comfortable.
- Portable lithium-battery pack provides easy and speedy battery change.
- Emergency reversing device ensure safety operation.
- The magnetic brake and motor brake are used to ensure the driving safety.
- Multiple battery capacity options meet the demand of different working conditions.

## CBD15/18/20J-Li-S

### Manufacturer's Data and Design Characteristics

Characteristics		HELI												
1.1	Manufacturer	CBD15J-Li-S				CBD18J-Li-S				CBD20J-Li-S				
1.2	Model	CBD15J-Li-S				CBD18J-Li-S				CBD20J-Li-S				
1.3	operator type	Pedestrian propelled				Pedestrian propelled				Pedestrian propelled				
1.4	rated capacity	Q (kg) 1500				1500				2000				
1.5	lift height	h3 (mm) 200				200				200				
1.6	Service weight with battery	kg	142	144	146	149	142	144	146	149	146	149		
1.7	Load centre	c (mm)	600				600				600			
1.8	Axle centre to fork face	x (mm)	944				944				944			
1.9	Wheel base	y (mm)	1243				1243				1243			
1.10	Controller	CURTIS				CURTIS				CURTIS				
Wheels														
2.1	Tyre type	Polyurethane				Polyurethane				Polyurethane				
2.2	Tyre size, driving wheels	Φ × w (mm)	Φ210 × 70				Φ210 × 70				Φ210 × 70			
2.3	Tyre size, loading wheels	Φ × w (mm)	Φ80 × 60				Φ80 × 60				Φ80 × 60			
2.4	Wheels, number front/rear (x = driven)	1x/4				1x/4				1x/4				
2.5	Track width, rear, loading side	b11 (mm)	400/535				400/535				400/535			
Dimensions														
3.1	Overall length	l1 (mm)	1603				1603				1603			
3.2	Length to fork face	l2 (mm)	453				453				453			
3.3	Overall width	b1 (mm)	550/685				550/685				550/685			
3.4	Fork dimensions	s/e1 (mm)	50/150/1150				50/150/1150				50/150/1150			
3.5	Width of forks	b5 (mm)	550/685				550/685				550/685			
3.6	lowered height	h13 (mm)	85				85				85			
3.7	Min. Ground clearance	m2 (mm)	35				35				35			
3.8	height drawbar in driving position min. / max.	h14 (mm)	740/1160				740/1160				740/1160			
3.9	Aisle width with pallet 1000 x 1200 across forks	Ast (mm)	1804				1804				1804			
3.10	Aisle width with pallet 800 x 1200 along forks	Ast (mm)	1854				1854				1854			
3.11	Min. Turning radius	Wa (mm)	1398				1398				1398			
Performance														
4.1	Travel speed, with/without load	(km/h)	4.2/4.5				4.2/4.5				4.2/4.5			
4.2	Max. gradeability laden/unladen	(%)	5/10				5/10				5/10   5/10			
4.3	Service brake type	Electromagnetic brake				Electromagnetic brake				Electromagnetic brake				
Drive and Battery														
5.1	Drive motor, output S2 60 min.	(kW)	0.75				0.75				0.75			
5.2	Lift motor rating at S3 15%	(kW)	0.8				0.8				0.8			
5.3	Battery according to DIN 43531/35/36 A,B,C,no	No				No				No				
5.4	Battery voltage/rated capacity	(V/Ah)	24/20	24/30	24/40	24/60	24/20	24/30	24/40	24/60	48/20	48/30		
5.5	Battery weight (± 5%)	(kg)	6	7.8	10.2	13.2	6	7.8	10.2	13.2	10.2	13.2		
5.6	charger specification	24V/10A				24V/10A				48V/5A				
Others														
6.1	Type of drive control	DC				DC				DC				
6.2	sound pressure level at the driver's ear	dB(A)	≤ 70				≤ 70				≤ 70			
6.3	Steering type	Mechanical steering				Mechanical steering				Mechanical steering				



**ANHUI HELI CO., LTD.**  
Add / No.668, FangXing Road, Hefei, China  
Fax / +86-551-63639966

Tel / +86-551-63639068(America); 63639258(Europe);  
63639358(Asia); 63662105(Africa & Middle East);  
63639530(Key Accounts Division); 63662105(Wheel loader)