

HELI

CBD15/18/20J-Li-S

Lithium Battery Powered Pallet Truck

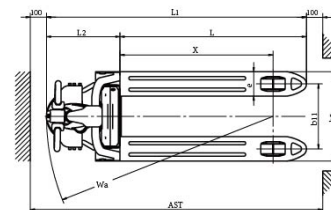
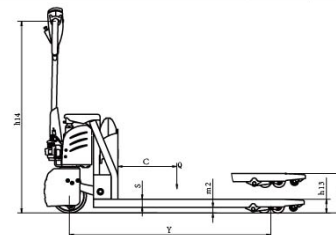
Characteristics:

- 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	HELI											
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				2000			
1.5	lift height	h3 (mm)				200				200			
1.6	Service weight with battery	kg				142	144	146	149	142	144	146	149
1.7	Load centre	c (mm)				600				600			
1.8	Axle centre to fork face	x (mm)				944				944			
1.9	Wheel base	y (mm)				1243				1243			
1.10	Controller	CURTIS				CURTIS				CURTIS			
Wheels		Polyurethane				Polyurethane				Polyurethane			
2.1	Tyre type	Φ × w (mm)				Φ210 × 70				Φ210 × 70			
2.2	Tyre size, driving wheels	Φ × w (mm)				Φ80 × 60				Φ80 × 60			
2.3	Tyre size, loading wheels	Φ × w (mm)				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			
Dimensions		l1 (mm)				1603				1603			
3.1	Overall length	l1 (mm)				1603				1603			
3.2	Length to fork face	l2 (mm)				453				453			
3.3	Overall width	b1 (mm)				550/685				550/685			
3.4	Fork dimensions	s/e1 (mm)				50/150/1150				50/150/1150			
3.5	Width of forks	b5 (mm)				550/685				550/685			
3.6	lowered height	h13 (mm)				85				85			
3.7	Min. Ground clearance	m2 (mm)				35				35			
3.8	height drawbar in driving position min. / max.	h14 (mm)				740/1160				740/1160			
3.9	Aisle width with pallet 1000 x 1200 across forks	Ast (mm)				1804				1804			
3.10	Aisle width with pallet 800 x 1200 along forks	Ast (mm)				1854				1854			
3.11	Min. Turning radius	Wa (mm)				1398				1398			
Performance		(km/h)				4.2/4.5				4.2/4.5			
4.1	Travel speed, with/without load	(km/h)				4.2/4.5				4.2/4.5			
4.2	Max. gradeability laden/unladen	(%)				5/10				5/10			
4.3	Service brake type	Electromagnetic brake				Electromagnetic brake				Electromagnetic brake			
Drive and Battery		(kW)				0.75				0.75			
5.1	Drive motor, output S2 60 min.	(kW)				0.8				0.8			
5.2	Lift motor rating at S3 15%	(kW)				No				No			
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		DC				DC				DC			
6.1	Type of drive control	DC				DC				DC			
6.2	sound pressure level at the driver's ear	dB(A)				≤70				≤70			
6.3	Steering type	Mechanical steering				Mechanical steering				Mechanical steering			



Design&Print:Fokeli Printing 20220511



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