

CBD15/18/20J-Li-S

Lithium Battery Powered Pallet Truck

Characteristics:

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

Manufacturer's Data and Design Characteristics

Characteristics		(HELI)											
		CBD15J-Li-S				CBD18J-Li-S				CBD20J-Li-S			
		Pedestrian propelled				Pedestrian propelled				Pedestrian propelled			
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		1500		2000		2000		2000	
1.5	lift height	h3 (mm)		200		200		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		600		600	
1.8	Axle centre to fork face	x (mm)		944		944		944		944		944	
1.9	Wheel base	y (mm)		1243		1243		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		Φ210 × 70		Φ210 × 70	
2.3	Tyre size, loading wheels	Φ × w (mm)		Φ80 × 60		Φ80 × 60		Φ80 × 60		Φ80 × 60		Φ80 × 60	
2.4	Wheels, number front/rear (x = driven)			1x/4		1x/4		1x/4		1x/4		1x/4	
2.5	Track width, rear, loading side	b11 (mm)		400/535		400/535		400/535		400/535		400/535	
Dimensions													
3.1	Overall length	l1 (mm)		1603		1603		1603		1603		1603	
3.2	Length to fork face	l2 (mm)		453		453		453		453		453	
3.3	Overall width	b1 (mm)		550/685		550/685		550/685		550/685		550/685	
3.4	Fork dimensions	s/e/l (mm)		50/150/1150		50/150/1150		50/150/1150		50/150/1150		50/150/1150	
3.5	Width of forks	b5 (mm)		550/685		550/685		550/685		550/685		550/685	
3.6	lowered height	h13 (mm)		85		85		85		85		85	
3.7	Min. Ground clearance	m2 (mm)		35		35		35		35		35	
3.8	height drawbar in driving position min. / max.	h14 (mm)		740/1160		740/1160		740/1160		740/1160		740/1160	
3.9	Aisle width with pallet 1000 x 1200 across forks	Ast (mm)		1804		1804		1804		1804		1804	
3.10	Aisle width with pallet 800 x 1200 along forks	Ast (mm)		1854		1854		1854		1854		1854	
3.11	Min. Turning radius	Wa (mm)		1398		1398		1398		1398		1398	
Performance													
4.1	Travel speeds, with/without load	(km/h)		4.2/4.5		4.2/4.5		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		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		0.75		0.75	
5.2	Lift motor rating at S3 15%	(kW)		0.8		0.8		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		≤ 70		≤ 70	
6.3	Steering type	Mechanical steering				Mechanical steering				Mechanical steering			

