

# HELI

## CBD15J/20J-(D) Li Lithium Battery Powered Pallet Truck

Helix Mini power pallet with lithium battery

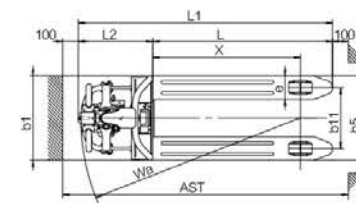
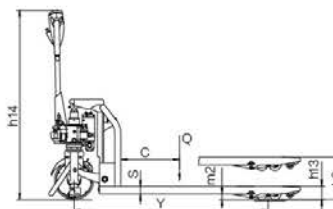
### Characteristics:

- Simple, flexible, light weight and small turning radius make the truck suitable use in extremely narrow aisle.
- Strong structure and open layout make the maintenance easy
- 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.
- Auxiliary wheels on two sides provide well stability.
- Manual lift is available as option.



## CBD15J/20J-(D) Li

Manufacturer's Data and Design Characteristics							
Characteristics							
1.1	Manufacturer	HELI					
1.2	Model	CBD15J-Li	CBD15J-DLi	CBD20J-Li			
1.3	operator type	Pedestrian	Pedestrian	Pedestrian			
1.4	rated capacity	1500	1500	2000			
1.5	lift height	Q (kg)	200	200			
1.6	Service weight with battery	h3 (mm)	152	156	153 ( 151 )	157 ( 155 )	160
1.7	Load centre	kg	600	600	600	600	
1.8	Axle centre to fork face	c (mm)	944	944	944	944	
1.9	Wheel base	x (mm)	1243	1243	1243	1243	
1.10	Controller	y (mm)	CURTIS	CURTIS	CURTIS	CURTIS	
Wheels							
2.1	Tyre type		Polyurethane	Polyurethane	Polyurethane	Polyurethane	
2.2	Tyre size, driving wheels	Φ × w (mm)	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	
2.4	Wheels, number front/rear (x = driven)		1x+2/4	1x+2/4	1x+2/4	1x+2/4	
2.5	Track width, rear, loading side	b11 (mm)	400/535	400/535	400/535	400/535	
Dimensions							
3.1	Overall length	l1 (mm)	1615	1615	1615	1615	
3.2	Length to fork face	l2 (mm)	465	465	465	465	
3.3	Overall width	b1 (mm)	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	
3.5	Width of forks	b5 (mm)	550/685	550/685	550/685	550/685	
3.6	lowered height	h13 (mm)	85	85	85	85	
3.7	Min. Ground clearance	m2 (mm)	35	35	35	35	
3.8	height drawbar in driving position min. / max.	h14 (mm)	610/1212	610/1212	610/1212	610/1212	
3.9	Aisle width with pallet 1000 x 1200 across forks	ast (mm)	1815	1815	1815	1815	
3.10	Aisle width with pallet 800 x 1200 along forks	ast (mm)	1865	1865	1865	1865	
3.11	Min. Turning radius	Wa (mm)	1405	1405	1405	1405	
Performance							
4.1	Travel speed, with/without load	(km/h)	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	6/10	
4.3	Service brake type		Electromagnetic brake	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	
5.2	Lift motor rating at S3 15%	(kW)	No	0.8	No	0.8	
5.3	Battery according to DIN 43531/35/36 A,B,C,no		No	No	No	No	
5.4	Battery voltage/rated capacity	(V/Ah)	24/35	24/52 ( 24/20 )	48/20 Lithium iron phosphate	48/20 Lithium iron phosphate	
5.5	Battery weight ( ± 5%)	(kg)	7	8 ( 6 )	7.5	7.5	
5.6	charger specification		24V/10A	24V/10A	48V/5A Lithium iron phosphate	48V/5A Lithium iron phosphate	
Others							
6.1	Type of drive control		DC	DC	DC	DC	
6.2	sound pressure level at the driver' s ear	dB(A)	≤75	≤75	≤75	≤75	
6.3	Steering type		Mechanical steering	Mechanical steering	Mechanical steering	Mechanical steering	



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\* Our products are subject to improvements and changes without notice.

Catalog No.190918 Forklift Print