

3300/4000/4500 lbs

Lithium Battery Powered Pallet Truck

Characteristics:

- The truck is simple and dexterous, with small turning radius and small weight. It is suitable for ultra-narrow channel operation.
- The truck has compact and reliable structure. The oil pipeline and line are wrapped in the truck body which is safe, beautiful and convenient for user maintenance.
- The truck adopts integrated handle design integrating key pad and electric meter which is simple and comfortable for operation.
- Hand-held lithium battery makes battery changing easier and more convenient.
- Standard configuration of emergency stop switch and emergency reverse device ensure truck safety.
- The truck is assembled with power-off braking function. The truck is braked as soon as the handle is loosened or pressed to the bottom.
- Electromagnetic braking and motor braking are used to ensure the safety of driving.
- Creep speed mode.
- Auto shut-off feature.



Manufacturer's Data and Design Characteristics

Characteristics					
1.1	Manufacturer		HELI	HELI	HELI
1.2	Model		CBD15J-Li2	CBD18J-Li2	CBD20J-Li2
1.3	Type of operation		Pedestrian	Pedestrian	Pedestrian
1.4	Rated capacity	Q (lbs/kg)	3300/1500	4000/1800	4500/2000
1.5	Lift height	h3 (in/mm)	7,9/200	7,9/200	7,9/200
1.6	Service weight with battery	lbs/kg	304,2/138	308,6/140	319,7/145
1.7	Load centre	c (in/mm)	24/600	24/600	24/600
1.8	Axle centre to fork face	x (in/mm)	37,1/944	37,1/944	37,1/944
1.9	Wheel base	y (in/mm)	46,6/1184	46,6/1184	46,6/1184
1.10	Controller		CURTIS	CURTIS	CURTIS
Wheels					
2.1	Wheels type		Polyurethane	Polyurethane	Polyurethane
2.2	Driving wheels size	$\Phi \times W$ (in/mm)	$\Phi 8,27 \times 2,75 / 210 \times 70$	$\Phi 8,27 \times 2,75 / 210 \times 70$	$\Phi 8,27 \times 2,75 / 210 \times 70$
2.3	Loading wheels size	$\Phi \times W$ (in/mm)	$\Phi 3,15 \times 2,36 / 80 \times 60$	$\Phi 3,15 \times 2,36 / 80 \times 60$	$\Phi 3,15 \times 2,36 / 80 \times 60$
2.4	wheels, number front/rear (x = driven)		1x/4	1x/4	1x/4
2.5	track width, rear, loading side	b11 (in/mm)	15,7/21 400/535	15,7/21 400/535	15,7/21 400/535
Dimensions					
3.1	Overall length	l1 (in/mm)	60,7/1543	60,7/1543	60,7/1543
3.2	Length to fork face	l2 (in/mm)	15,5/393	15,5/393	15,5/393
3.3	Overall width	b1 (in/mm)	21,5/27 550/685	21,5/27 550/685	21,5/27 550/685
3.4	Fork dimensions	s/e/l (in/mm)	2/6/45 50/150/1150	2/6/45 50/150/1150	2/6/45 50/150/1150
3.5	Width of forks	b5 (in/mm)	21,5/27 550/685	21,5/27 550/685	21,5/27 550/685
3.6	Lowered height	h13 (in/mm)	2,9/75	2,9/75	2,9/75
3.7	Min. Ground clearance	m2 (in/mm)	1,4/35	1,4/35	1,4/35
3.8	Height drawbar in driving position min./max.	h14 (in/mm)	32,7/44 830/1120	32,7/44 830/1120	32,7/44 830/1120
3.9	Aisle width with pallet 1000 x 1200 across forks	Ast (in/mm)	69,3/1760	69,3/1760	69,3/1760
3.10	Aisle width with pallet 800 x 1200 along forks	Ast (in/mm)	71,3/1810	71,3/1810	71,3/1810
3.11	Min. Turning radius	Wa (in/mm)	53,3/1355	53,3/1355	53,3/1355
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	4/10	6/10
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 voltage/rated capacity	(V/Ah)	24/28 (Lithium iron phosphate)	24/28 (Lithium iron phosphate)	48/20 (Lithium iron phosphate)
5.4	Battery weight ($\pm 5\%$)	(kg)	6.8	6.8	7.5
5.5	Charger specification		24V/10A (Lithium iron phosphate)	24V/10A (Lithium iron phosphate)	48V/5A (Lithium iron phosphate)
Others					
6.1	Type of drive control		DC	DC	DC
6.2	Sound pressure level at driver's ear	(dB(A))	≤ 70	≤ 70	≤ 70
6.3	Steering type		Mechanical steering	Mechanical steering	Mechanical steering

