

HELI

CDD20J-Li

Lithium-ion battery pallet stacker

Characteristics:

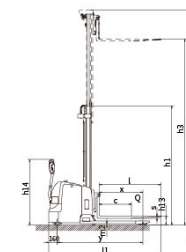
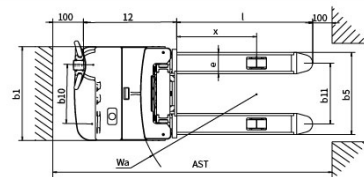
- AC drive; carbon-brush free and maintenance free.
- ZF transmission box has superior performance, high working and energy efficiency.
- The truck adopts side operation mode and has small turning radius and wide view.
- Imported waterproof inching switch is suitable for harsh application such as cold, humid and dust environment.
- LED electricity meter with four color is easy for reading.
- External placed charger has better cooling performance.
- Over length operation handle integrating lifting buttons, key switch and electricity meter satisfy ergonomic requirements and make operation easier; low speed switch makes speed control more accurate; good air pressure type can reset automatically and slowly and it is durable.
- High-density protection guard is solid and durable.



CDD20J-Li

Manufacturer's Data and Design Characteristics

Characteristics							
1.01	Manufacturer		HELI				
1.02	Model		CDD20J-Li				
1.03	Operator		Pedestrian propelled				
1.04	Rated traction weight	Q (kg)	2000				
1.05	Mast type		Single mast	2-Stage STD			
1.06	Lift	h3 (mm)	1600	2000	2500	3000	3500
1.07	Capacity at highest height	kg	2000	2000	2000	1600	1250
1.08	Service weight(include battery)	kg	760	872	862	890	868
1.09	Load centre	c (mm)	600				
1.10	Axle centre to fork face	x (mm)	672				
1.11	Wheel base	y (mm)	1384				
1.12	Controller		CURTIS				
Wheel/Tyres							
2.01	Wheel type	Φ × w(mm)	Polyurethane				
2.02	Driving wheel size	Φ × w(mm)	Φ230 × 75				
2.03	Bearing wheel size	Φ × w(mm)	Φ80 × 70				
2.04	Additional wheels (dimensions)	Φ × w(mm)	Φ150 × 58				
2.05	Wheels, number front/rear (x=driven)		1x+1/4				
Dimensions							
3.01	Height of mast, lowered	h1 (mm)	1990	1491	1741	1991	2241
3.02	Height of mast, extended	h4 (mm)	1990	2408	2908	3408	3908
3.03	Fork Height, Lowered	h13 (mm)	86				
3.04	Overall length	l1 (mm)	2022				
3.05	Length to fork face	l2 (mm)	872				
3.06	Overall width	b1/ b2 (mm)	795				
3.07	Fork dimensions	s/e/l (mm)	60/180/1150				
3.08	Width of forks	b5 (mm)	570/650/695				
3.09	Min. Ground clearance	m2 (mm)	26				
3.10	Aisle width with pallet 1000 x 1200 across forks	Ast (mm)	2435				
3.11	Aisle width with pallet 800 x 1200 along forks	Ast (mm)	2412				
3.12	Min. Turning radius	Wa (mm)	1550				
Performance							
4.01	Travel speed, with/without load	(km/h)	4.0/4.2				
4.02	Lifting speed, with/without load	(mm/s)	80/210				
4.03	Lowering speed, with/without load	(mm/s)	152/160				
4.04	Max. gradeability laden/unladen	(%)	4/10				
4.05	Service brake type		Electromagnetic brake				
Drive							
5.01	Drive motor, output S2 60 min.	(kW)	1.5 (AC)				
5.02	Lift motor rating at S3 15%	(kW)	3				
5.03	Battery according to DIN 43531/35/36 A.B.C. no		no				
5.04	Battery voltage/rated capacity	(V/Ah)	24/150 (LFP)				
5.05	Battery weight (± 5%)	(kg)	58				
Others							
6.01	Sound pressure level at driver 's ear	(dB(A))	≤70				
6.02	Steering type		Mechanical steering				



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