

HELI

CDD15J-ZSM-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.

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Manufacturer's Data and Design Characteristics

	Characteristics			
1.01	Manufacturer		HELI	
1.02	Model			
1.03	Operator type		Pedestrian propelled	
1.04	Rated capacity	Q (kg)	1500	
1.05	Mast type		3-Stage STD	
1.06	Lift height	h3 (mm)	4000	4600
1.07	Capacity at highest height	kg	900	700
1.08	Service weight with battery	kg	1014	1050
1.09	Load centre	c (mm)	600	600
1.10	Axle centre to fork face	x (mm)	672	
1.11	Wheel base	y (mm)	1384	
1.12	Controller		CURTIS	
	Wheels			
2.01	Tyre type		Polyurethane	
2.02	Tyre size, Driving wheel	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)	1900	2100
3.02	Free lifting height	h2 (mm)	1466	1666
3.03	Height of mast, extended	h4 (mm)	4424	5024
3.04	Lowered height	h13 (mm)	86	
3.05	Overall length	l1 (mm)	2022	
3.06	Length to fork face	l2 (mm)	872	
3.07	Overall width	b1/ b2 (mm)	795	
3.08	Fork dimensions	s/e/l (mm)	60/180/1150	
3.09	Width of forks	b5 (mm)	570/650/695	
3.10	Min.Ground clearance	m2 (mm)	26	
3.11	Aisle width with pallet 1000 x 1200 across forks	Ast (mm)	2435	
3.12	Aisle width with pallet 800 x 1200 along forks	Ast (mm)	2412	
3.13	Min.Turning radius	Wa (mm)	1550	
	Performance			
4.01	Travel spees,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 and Battery			
5.01	Drive motor,output S2 60 min.	(kW)	1.5 (AC)	
5.02	Lift motor rating at S3 15%	(kW)	3.0	
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	

