

# HELI

## CDD20J-K-Li

Lithium-ion battery pallet stacker

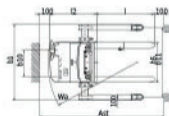
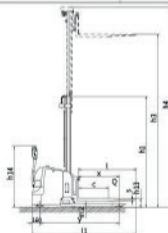
### Characteristics:

- 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.
- Adjustable wide leg is suitable for different sizes of pallets and it is safer and more reliable.



## Manufacturer's Data and Design Characteristics

Characteristics								
1.01	Manufacturer	HELI						
1.02	Model	CDD20J-K-LI						
1.03	Operator type	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	1600	1700	1400	1100	800	
1.08	Service weight(include battery)	kg	936	1010	1038	1104	1132	
1.09	Load centre	c (mm)	600					
1.10	Axle centre to fork face	x (mm)	815					
1.11	Wheel base	y (mm)	1590					
1.12	Controller	CURTIS						
Wheels								
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)	2070	1570	1820	2070	2320	
3.02	Height of mast, extended	h4 (mm)	2070	2890	3380	3880	4380	
3.03	Fork Height,Lowered	h13 (mm)	65					
3.04	Overall length	l1 (mm)	2084					
3.05	Length to fork face	l2 (mm)	939					
3.06	Overall width	b1/ b2 (mm)	1214-1564					
3.07	Fork dimensions	s/e/ l (mm)	40/120/1150					
3.08	Width of forks	b5 (mm)	250-800					
	Width of Leg	b6 (mm)	124					
3.09	Min.Ground clearance	m2 (mm)	26					
3.10	Aisle width with pallet1000 x 1200 across forks	Ast (mm)	2210					
3.11	Aisle width with pallet800 x 1200 along forks	Ast (mm)	2180					
3.12	Min.Turning radius	Wa (mm)	1340					
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 and Battery								
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 DIN43531/35/36 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						



© 2018 Heli Lift

**HELI CANADA**

5705, place Kubota  
Drummondville (Qc)  
Canada, J2B 6V4  
info@heliforklift.ca  
heliforklift.ca



Our products are subject to improvements and changes without notice.