

HELI

CDD16J-K

Electric pallet stacker

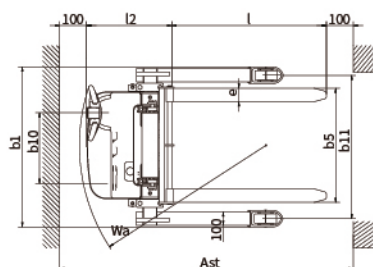
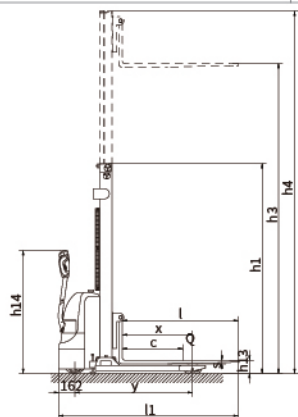
Characteristics:

1. AC drive; carbon-brush free and maintenance free.
2. ZF transmission box has superior performance, high working and energy efficiency.
3. The truck adopts side operation mode and has small turning radius and wide view.
4. Imported waterproof inching switch is suitable for harsh application such as cold, humid and dust environment.
5. LED electricity meter with four color is easy for reading.
6. External placed charger has better cooling performance.
7. 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.
8. High-density protection guard is solid and durable.
9. Adjustable wide leg is suitable for different sizes of pallets and it is safer and more reliable.



Manufacturer's Data and Design Characteristics

Characteristics							
1.1	Manufacturer		HELI				
1.2	Model		CDD16J-K				
1.3	Operator type		Pedestrian propelled				
1.4	Rated capacity	Q (kg)	1600				
1.5	Mast type		Single mast	2-Stage STD			
1.6	Lift height	h3 (mm)	1600	2000	2500	3000	3500
1.7	Capacity at highest height	kg	1600	1400	1150	900	700
1.8	Service weight with battery	kg	620	636	648	660	672
1.9	Load centre	c (mm)	600				
1.10	Axle centre to fork face	x (mm)	698				
1.11	Wheel base	y (mm)	1170				
1.12	Controller		CURTIS				
Wheels							
2.1	Tyre type		Polyurethane				
2.2	Tyre size, Driving wheel	$\Phi \times w$ (mm)	$\Phi 230 \times 70$				
2.3	Bearing wheel size	$\Phi \times w$ (mm)	$\Phi 80 \times 70$				
2.4	Additional wheels (dimensions)	$\Phi \times w$ (mm)	$\Phi 150 \times 58$				
2.5	Wheels, number front/rear (x = driven)		1x+1/4				
Dimensions							
3.1	Height of mast, lowered	h1 (mm)	2099	1580	1830	2080	2330
3.2	Height of mast, extended	h4 (mm)	2099	2549	3049	3549	4049
3.3	Lowered height	h13 (mm)	65				
3.4	Overall length	l1 (mm)	1784				
3.5	Length to fork face	l2 (mm)	634				
3.6	Overall width	b1/ b2 (mm)	1148-1548				
3.7	Fork dimensions	s/e/l (mm)	35/100/1150				
3.8	Width of forks	b5 (mm)	210-850				
3.9	Min.Ground clearance	m2 (mm)	26				
3.10	Aisle width with pallet 1000 x 1200 across forks	Ast (mm)	2210				
3.11	Aisle width with pallet 800 x 1200 along forks	Ast (mm)	2180				
3.12	Min.Turning radius	Wa (mm)	1340				
Performance							
4.1	Travel speeds,with/without load	(km/h)	4.0/4.2				
4.2	Lifting speed, with/without load	(mm/s)	92/136				
4.3	Lowering speed, with/without load	(mm/s)	112/98				
4.4	Max. gradeability laden/unladen	(%)	6/8				
4.5	Service brake type		Electromagnetic brake				
Drive and Battery							
5.1	Drive motor,output S2 60 min.	(kW)	1.5 (AC)				
5.2	Lift motor rating at S3 15%	(kW)	2.2				
5.3	Battery according to DIN 43531/35/36 A,B,C,no		no				
5.4	Battery voltage/rated capacity	(V/Ah)	2×12/120				
5.5	Battery weight ($\pm 5\%$)	(kg)	2×34				
Others							
6.1	Sound pressure level at driver 's ear	(dB(A))	≤ 70				
6.2	Steering type		Mechanical steering				



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