

3300lbs (1500 kg) Electric 24V Pallet Stacker CDD15J



High efficiency hydraulic pump delivers power and performance

Rugged structure is designed for durability

All units come with 2-12V maintenance free batteries

Side operating stance makes truck highly maneuverable and gives operator a broader view

Emergency reverse switch ensures safe operation

Small turning radius make the CDD15J easy to use in narrow aisles

Auxiliary wheels on both sides maximizes lateral stability

Drive motor is permanent magnet motor that is compact and lightweight with high efficiency

Steel grid finger guard comes standard on all units

Handle integrates keyswitch and meter to make operation easy and convenient

4-color LED meter is simple and easy to read

Battery charger is externally positioned for easy access and better cooling performance

CDD15J 3300lbs (1500 kg)

HELI

Manufacturer's Data and Design Characteristics

Characteristics

1.1	Manufacturer	HELI												
1.2	Model	CDD15J												
1.3	Operator type	Walkie												
1.4	Rated Traction Capacity	Q	lb	kg	3300						1500			
1.5	Mast Type				single mast			2-stage STD						
1.6	Lift Height	h3	in	mm	63.0	1600	78.7	2000	98.4	2500	118.1	3000	137.8	3500
1.7	Capacity @ Lift Height		lb	kg	3300	1500	2866	1300	2425	1100	1984	900	1653	750
1.8	Service weight		lb	kg	948	430	1038	471	1065	483	1091	495	1118	507
1.9	Load center	c	in	mm	23.6						600			
1.10	Distance - axle centerline to fork face	x	in	mm	28.3						720			
1.11	Wheelbase	y	in	mm	45.9						1167			
1.12	Controller	Curtis												

Wheels

2.1	Tire type	Polyurethane												
2.2	Tire size, drive wheels	Φ x w	in	mm	Φ8.25 x 2.75						Φ210 x 70			
2.3	Tire size, load wheels	Φ x w	in	mm	Φ3.15 x 2.75						Φ80 x 70			
2.4	Additional wheels	Φ x w	in	mm	Φ4.52 x 2.17						Φ115 x 55			
2.5	Wheels, number front/rear (x=drive)	1x + 1/4												

Dimensions

3.1	Mast height - extended	h1	in	mm	79.3	2014	58.9	1495	68.7	1745	78.5	1995	88.4	2245
3.2	Mast height - lowered	h4	in	mm	79.3	2014	95.4	2424	115.1	2924	134.8	3424	154.5	3924
3.3	Fork height - lowered	h13	in	mm	3.4						86			
3.4	Overall length	L1	in	mm	68.5						1740			
3.5	Length to fork face	L2	in	mm	23.2						590			
3.6	Overall width	b1	in	mm	31.3						795			
3.7	Fork dimensions	s/e/L	in	mm	2.4 / 6.3 / 42.3						60 / 160 / 1150			
3.8	Width of forks	b5	in	mm	22.4 / 25.6 / 27.4						570 / 650 / 695			
3.9	Min. ground clearance	m2	in	mm	1.0						26			
3.10	Aisle with 40" x 48" (1000x1200) pallet [48" (1200) forks]	Ast	in	mm	81.7						2074			
3.11	Aisle with 32" x 48" (800x1200) pallet [48" (1200) forks]		in	mm	80.3						2040			
3.12	Min. turning radius	Wa	in	mm	52.8						1342			

Performance

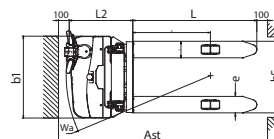
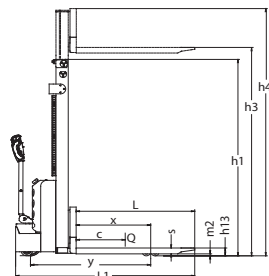
4.1	Travel speed (with / without load)	mph	km/h	2.5 / 2.6						4.0 / 4.2				
4.2	Lift speed (with / without load)	in/s	mm/s	3.6 / 5.4						92 / 136				
4.3	Lower speed (with / without load)	in/s	mm/s	4.4 / 3.9						112 / 98				
4.4	Max. gradeability (with / without load)	%		6 / 8										
4.5	Service brake type	Electromagnetic												

Drive and Battery

5.1	Drive motor output, S2 @ 60 min.	hp	kW	1.0						0.75				
5.2	Lift motor rating @ S3 15%	hp	kW	3.0						2.2				
5.3	Battery according to DIN 43531/35/36 A,B,C,no	No												
5.4	Battery voltage / rated capacity	V/Ah		24 (2x12V) / 100										
5.5	Battery weight (±5%)	lb	kg	119 (2x59.5)						54 (2x27)				

Other

6.1	Noise level (at driver's ear)	dB(A)		≤69										
6.2	Steering type	Mechanical steering												



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