

	Mast model	Lift height h3+h13(mm)	Load capacity (lode center 600mm) (kg)	Load capacity (lode center 700mm) (kg)	Height, mast lowered h1(mm)	Free lift, ground to top of forks h2(mm)	Height, mast extended	Service weight (kg)
1.6t	Basic mast M	2000	1600	1300	1588	/	2515	1165
		2500	1600	1300	1838	/	3025	1197
		2700	1600	1300	1938	/	3225	1211
		3000	1350	1100	2088	/	3525	1230
		3300	1200	1000	2238	/	3825	1250
		3500	1100	900	2338	/	4025	1263
		3700	1000	850	2438	/	4225	1276
		4000	900	750	2588	/	4525	1322
		4250	800	650	2688	/	4715	1336
	Free 3-stage mast ZSM	3600	1050	850	1838	1223	4095	1335
		4000	850	750	1988	1373	4495	1365
		4350	750	650	2088	1473	4845	1385
		4500	700	600	2138	1523	4995	1395
		4700	670	570	2208	1593	5195	1409
		4800	650	550	2238	1623	5295	1416
		5000	600	500	2338	1723	5495	1436
		5400	550	450	2488	1873	5895	1490
		6000	450	350	2688	2073	6485	1541

	Mast model	Lift height h3+h13(mm)	Load capacity (lode center 600mm) (kg)	Load capacity (lode center 700mm) (kg)	Height, mast lowered h1(mm)	Free lift, ground to top of forks h2(mm)	Height, mast extended	Service weight (kg)
2.0t	Basic mast M	2000	2000	1300	1588	/	2515	1261
		2500	2000	1300	1838	/	3025	1296
		2700	2000	1300	1938	/	3225	1309
		3000	1800	1100	2088	/	3525	1330
		3300	1550	1000	2238	/	3825	1350
		3500	1400	900	2338	/	4025	1364
	Free 3-stage mast ZSM	3600	1310	1000	1838	1223	4095	1428
		4000	1140	900	1988	1373	4495	1459
		4350	990	800	2088	1473	4845	1479
		4500	930	750	2138	1523	4995	1489
		4700	840	700	2208	1593	5195	1504
		4800	800	650	2238	1623	5295	1510

	Standard configuration	Optional		
Backrest	No	790*800	790*1000	
Fork	1150*570	1150*685	1220*570	1220*685
Protective net	Yes	No		
CE	Yes			
Battery	Yes	No		
Battery capacity	205AH	300AH	350AH*	
Key	Commonkey	Universal key	Password key	Card
language	Chinese	English		
Colour	Standard	Yellow	Blue	
Driving wheel	Polyurethane tyre			
Bearing wheel	Polyurethane tyre			
Upright driving	Yes			

*Note: The marked with * is only applicable to 2.0 ton vehicle models.

CDD16-20 A2LIH

Pedestrain Electric Pallet Stacker Truck



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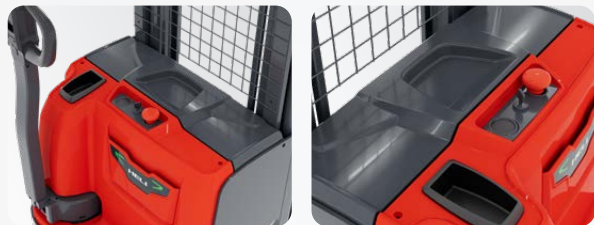
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CDD16/20

H series ride pallet truck

Appearance

- H series pallet stacker truck adopts professional appearance industrial design, the vehicle has smooth lines and novel appearance;
- Durable, in line with environmental requirements.



Reliability



Safety

- The electromagnetic brake unlocking device is reserved to ensure that the vehicle can be moved and repaired when it fails;
- Standard emergency stop switch and emergency reverse device to ensure safe use;
- When the mast is raised to a certain height, the vehicle switches to the travelling slow mode by itself, which improves the control safety.



Maintenance

- All pivots adopt high-strength steel-backed bearings, maintenance-free and long service life.
- The height of the auxiliary wheel is adjustable, the truck body is slightly lifted to a certain height, the auxiliary wheel is rotated 60 degrees, it can be taken out from the top of the truck body, easy to replace the wheel.

High performance

- High performance hydraulic power unit, low noise, fast lifting and falling speed
- Ac travelling motor,ZF gearbox, excellent acceleration performance, good climbing performance.
- ZAPI controller, accurate and smooth control, higher efficiency.
- The whole vehicle has been fully strengthened and verified, reliable and durable. Standard turtle speed function, upright walking, the vehicle meets the CE certification;



MANUFACTURER AND TECHNICAL DATA

Distinguishing marks				
1.01	Manufacturer			HELI
1.02	Model			CDD16A2LiH CDD20A2LiH
1.03	Drive			Electric
1.04	Operator type			Pedestrian
1.05	Rated capacity	Q	kg	1600 2000
1.06	Load centre distance	c	mm	600
1.07	Load distance, centre of drive axle to fork	x	mm	774
1.08	Wheelbase	y	mm	1364 1436
Weight				
2.01	Service weight (incl. battery)		kg	1230 1330
2.02	Axle load laden front/rear		kg	1760 / 1070 2165 / 1155
2.03	Axle load unladen front/rear		kg	870/ 360 920 / 410
Wheels / chassis				
3.01	Tyres			Polyurethane
3.02	Wheels, number front/back (x=driven)			Ø 230 x 75
3.03	Tyre size, front			Ø 85 x 85
3.04	Additional wheels			Ø 140 x 54
3.05	Tyre size, rear			1x + 1 / 4 1x + 1 / 4
3.06	Tread width, front	b10	mm	507
3.07	Tread width, rear	b11	mm	385
Dimensions				
4.01	Height, mast lowered	h1	mm	2088
4.02	Free lift	h2	mm	0
4.03	Lift	h3	mm	2990
4.04	Height, mast extended	h4	mm	3605
4.05	Height of tiller handle in drive position min./max		mm	850 / 1300
4.06	Height, lowered	h13	mm	90
4.07	Overall length	L1	mm	1910 1982
4.08	Vehicle length, excluding fork length	L2	mm	760
4.09	Overall width	b1	mm	800
4.10	Fork dimensions	s/e/L	mm	60 x 185 x 1150
4.11	Width across forks	b5	mm	570
4.12	Ground clearance centre of wheelbase	m2	mm	25
4.13	Aisle width , pallet 1000×1200 (1200 cross forks)	Ast	mm	2174 2246
4.14	Aisle width , pallet 800x1200 (1200 along forks)	Ast	mm	2224 2296
4.15	Turning radius	Wa	mm	1598 1670
Performance data				
5.01	Travel speed laden/unladen		km/h	6/6
5.02	Lift speed laden/unladen		m/s	0.15 / 0.33 0.11 / 0.25
5.03	Lowering speed laden/unladen		m/s	0.3 / 0.28 0.24 / 0.20
5.04	Max. gradeability laden/unladen		%	7/16 5/16
Battery/E-motor				
6.01	Drive motor, performance (S2 60 min)	kW	kW	2
6.02	Lift motor, performance with S3	kW	kW	3.2
6.03	Battery voltage/nominal capacity		V/Ah	24 / 205 24 / 300
6.04	Battery weight		kg	200 180
Others				
7.01	Type of drive control			Variable AC
7.02	Stearing type			Manual steering
7.03	Sound pressure level at the driver ´s ear		dB (A)	66

