

Full Electric Stacker

Model: CDDK10/12/15

Overall forks



Conforms to EN 1726-1/A1:2003
Based on Directive 2006/42/EC

Advantages:

SAFETY AND PRODUCTIVITY:

- AC Motor eliminates replacement of carbon brush.
- Multi-function display: battery power, fault code, hour meter and speed level;
- Side way battery is easy to maintain.
- Damping cushion for low-noise operation;
- Emergency reversing device in the handle provides higher safety for the whole operation.
- Auto deceleration function makes operation more safely.
- Built-in pressure relief valve protects the trucks from overloads, increases the reliability.
- Braking applied with handle upright and horizontal position, increasing the safety of the truck.
- Emergency power disconnect switch.
- Turtle-shaped low speed switch.
- Stepless speed control.

OPTIMUM STRUCTURAL DESIGN:

- Low center of gravity ensures the stable operation.
- Vertical drive wheel ensures convenience for maintenance while also ensuring a small turning radius. The structure of motor is water-proof and dust-proof, which makes the braking and motor more durable and reliable.
- The mast and the frame are dividable and exchangeable.
- Full free lifting, fit for working in low house. (The lifting height is 3 meters, can enter into a 2-meter height door)

SERVICEABILITY:

- Low battery protection setting prolongs the battery use time.
- The electronic components' concentrated design simplify the circuit and makes easy access to assemble, debug and maintain,
- CANbus technology reduces wiring complexity and increase reliability.
- Hall element reduces wear components, resulting in increased component life.



AC

EPS
(Option)



Initial lifting with double pallet

* photo shown with model
CDDK15Z-II

1KG=2.205LB 1INCH=25.40MM

MODEL		CDDK15- II	CDDK10- III	CDDK12- III	CDDK15- III
Drive type		electric	electric	electric	electric
Operation type		standing	standing	standing	standing
Load capacity/rated load	Q(kg)	1500	1000	1200	1500
Load centre distance	c(mm)	600	500		600
Load distance, centre of drive axle to fork	x(mm)	672	697		
Fork height, lowered	h_{13} (mm)	90	90		
Wheelbase	Y(mm)	1378	1330	1330	1405
Axle loading, laden front/rear	kg	1830/1140	950/770	1060/870	1280/1070
Axle loading, unladen front/rear	kg	1040/470	555/165	560/170	650/200
Tyres		polyurethane		polyurethane	
Tyre size, front	mm	ϕ 250x70		ϕ 250x70	
Tyre size rear	mm	ϕ 80x84		ϕ 80x70	
Additional wheels(dimensions)	mm	ϕ 150x60		ϕ 150x60	
Wheels, number front rear(x=driven wheels)		1x+2/4		1x+2/4	
Tread, front	b_{10} (mm)	580		586	
Tread, rear	b_{11} (mm)	404/530		410/525	
Height, mast lowered	h_1 (mm)	1735/1985/2135/2235/2050/2210/2410		2087/1837/2087/2237	
Free lift	h_2 (mm)	1300/1550/1700/1800/1570/1740/1940		~	
Max. Lift height	h_3(mm)	2500/3000/3300/3500/4500/5000/5600		1600/2500/3000/3300	
Height, mast extended	h_4 (mm)	2955/3455/3755/3955/5030/5510/6110		2087/3087/3587/3887	
Initial lift	h_{12} (mm)	1150/1450		1150/1450	
Overall length	l_1 (mm)	2020/2100		1955	2025
Length to face of forks	l_2 (mm)	950		840	920
Overall width	b_1 (mm)	850		850	
Fork dimensions	s/e/l(mm)	60/180/1070(1150)		60/170/1070(1150)	
Width overall forks	b_2 (mm)	570/695		580/695	
Ground clearance, centre of wheelbase	m_2 (mm)	31		28	
Aisle width for pallets 1000x1200 crossways	A_{10} (mm)	2535		2470	2550
Aisle width for pallets 800x1200 lengthways	A_{11} (mm)	2515		2540	2520
Turning radius	W_1 (mm)	1655		1575	1655
Travel speed, laden/unladen	Km/h	6.5/6.7		6.5/6.7	
Lift speed, laden/unladen	m/s	0.11/0.14		0.06/0.13	
Lowering speed, laden/unladen	m/s	0.12/0.12		0.13/0.10	
Gradeability, laden/unladen	%	8/15		6/15	
Service brake		Electromagnetic		Electromagnetic	
Battery voltage, nominal capacity K5	V/Ah	24/240	24/300	24/120	24/200
Battery weight	kg	220	260	90	160
Battery dimensions l/w/h	mm	675x254x500	675x254x540	753x178x240	800x254x320
Sound level at the driver's ear acc.to DIN 12053	dB(A)	70		70	70
Service weight (with battery)	kg	(240Ah)1180/1205/1220/1230/1280/1300/1320		700/730/750	830/840/850

