

Full Electric Stacker

Model: **CDDK20**



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 control.
- Supporting legs in both sides improve the lateral stability of the stacker.

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.



Supporting legs.



1KG=2.205LB 1INCH=25.40MM

MODEL		CDDK20
Drive type		Electric
Operation type		Standing
Load capacity	Q(kg)	2000
Load center	c(mm)	600
Load distance	x(mm)	672
Wheelbase	Y(mm)	1378
Service weight (with battery)	kg	1550
Axle loading, laden front/rear	kg	1890/1660
Axle loading, unladen front/rear	kg	1070/480
Tyres		Polyurethane
Tyre size, front		φ 250×70
Tyre size, rear		φ 80×84
Additional wheels (dimensions)		φ 150×60
Wheels, number front rear(x=driven wheels)		1x+2/4
Tread, front	b10(mm)	580
Tread, rear	b11(mm)	404/525
Height, mast lowered	h1(mm)	1735/1985/2135/2235/2050/2210/2410
Free lift (option)	h2(mm)	1300/1550/1700/1800/1570/1740/1940
Max. Lift height	h3(mm)	2500/3000/3300/3500/4500/5000/5600
Height, mast extended	h4(mm)	2955/3455/3755/3955/5030/5510/6110
Initial lift	h14(mm)	1150/1450
Fork height, lowered	h13(mm)	90
Overall length	l1(mm)	2020/2100
Length to face of forks	l2(mm)	950
Overall width	b1(mm)	850
Fork dimensions	s/e/l(mm)	60/180/1070(1150)
Width overall forks	b5(mm)	570/695
Ground clearance, centre of wheelbase	m2(mm)	31
Aisle width for pallets 1000x1200 crossways	Ast(mm)	2535
Aisle width for pallets 800x1200 lengthways	Ast(mm)	2515
Turning radius	Wa(mm)	1655
Travel speed, laden/unladen	Km/h	5.8/6
Lift speed, laden/unladen	m/s	0.09/0.11
Lowering speed, laden/unladen	m/s	0.12/0.11
Gradeability, laden/unladen	%	6/15
Service brake		Electromagnetic
Drive motor capacity	kW	1.5(AC)
Lift motor capacity	kW	3
Battery voltage, nominal capacity K5	V/Ah	24/300
Battery weight	kg	300
Battery dimensions l/w/h	mm	675×254×500
Sound level at the driver's ear acc. to DIN 12053	dB(A)	70

