

# Electric Rider Stacker

Model:  
**CDDK10**  
**CDDK12**  
**CDDK15**

Overall forks



**AC**

**EPS**  
(Option)

\* photo shown with model  
CDDK15-II with free lifting





Initial lifting with double-pallet function turn to P70



Conforms to EN ISO3691-1  
EN1175-1  
EN16307-1  
Based on Directive 2006/42/EC  
Conform to EN Standard 12895  
Based on directive: 2014/30/EU (EMC)

## Advantages: (CDDK15-I/CDDK15-II)

### SAFETY AND PRODUCTIVITY

- AC Motor eliminates carbon brush replacement.
- Multi-function display with BDI and hour meter.
- Side way battery is easy to maintain.
- Damping cushion for low-noise operation.
- Emergency reversing device equipped handle to keep safe.
- Auto deceleration function makes operation more safely.
- Built-in pressure relief valve protects the trucks from overloads, increases the reliability.
- With brake in 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 barycenter ensures the stable operation.
- Vertical driving wheel ensures convenient maintenance and small turning radius. Water-proof and dust-proof motor structure, keeps the braking and motor more durable and reliable.
- The mast and the frame are dividable and exchangeable.
- Full free lifting, fit for low roof house. (3M lift height truck can enter into a 2M door)

### SERVICEABILITY

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

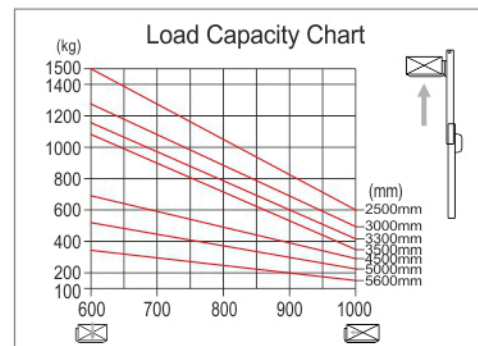
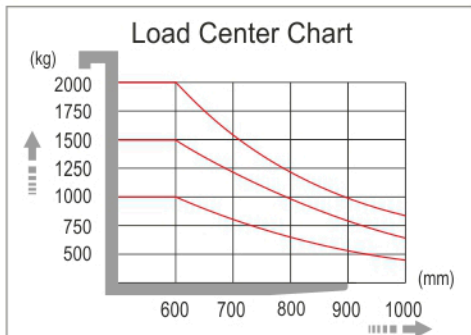
Model	Remarks
CDDK15- I	High configuration with proportional valve
CDDK15- II	Standard configuration
CDDK15- III	Light duty type
CDDK10- III /12- III	Economy type (DC brushless)

# Electric Rider Stacker

1KG=2.205LB 1INCH=25.40MM

Model		CDDK15- I	CDDK15- II
<b>Load capacity/rated load</b>	<b>Q(kg)</b>	<b>1500</b>	<b>1500</b>
Load centre distance	c(mm)	600	600
Load distance,centre of drive axle to fork	x(mm)	672	672
Fork height, lowered	$h_{13}$ (mm)	85	85
Tyre size, front	mm	$\phi$ 250x70	$\phi$ 250x70
Tyre size, rear	mm	$\phi$ 80x84	$\phi$ 80x84
Additional wheels(dimensions)	mm	$\phi$ 150x60	$\phi$ 150x60
Wheels,number front rear(x=driven wheels)		1x+2/4	1x+2/4
Height,mast lowered	$h_1$ (mm)	1735/1985/2135/2235/2050/2210/2410	1735/1985/2135/2235/2050/2210/2410
<b>Free lift (option 2500~3500mm)</b>	$h_2$ (mm)	1300/1550/1700/1800/1570/1740/1940	1300/1550/1700/1800/1570/1740/1940
<b>Max. Lift height</b>	$h_3$ (mm)	<b>2500/3000/3300/3500/4500/5000/5600</b>	<b>2500/3000/3300/3500/4500/5000/5600</b>
Height,mast extended	$h_4$ (mm)	2955/3455/3755/3955/5030/5510/6110	2955/3455/3755/3955/5030/5510/6110
Height of tiller in drive position min./max.	$h_{14}$ (mm)	1150/1450	1150/1450
Overall length	$l_1$ (mm)	2020/2100	2020/2100
Length to face of forks	$l_2$ (mm)	950	950
Overall width	b(mm)	850	850
Fork dimensions	s/e/l(mm)	60/180/1070(1150)	60/180/1070(1150)
Width overall forks	$b_s$ (mm)	570/695	570/695
Aisle width for pallets 800x1200 lengthways	$A_s$ (mm)	2515	2515
Turning radius	$W_s$ (mm)	1655	1655
Travel speed,laden/unladen	Km/h	6.5/6.7	6.5/6.7
Lift speed,laden/unladen	m/s	0-0.12/0-0.19	0.11/0.14
Lowering speed,laden/unladen	m/s	0-0.35/0-0.12	0.12/0.12
Battery voltage,nominal capacity K5	V/Ah	24/300	24/240 24/300 (option)
Battery weight	kg	260	220 260
Battery dimensions l/w/h	mm	675x254x540	675x254x500 675x254x540 (option)
Service weight (with battery)	kg	1330/1340/1350/1370/1530/1560/1595	1240/1270/1285/1490/1520/1560/1580 <sup>1</sup>

1. The weight shown is for 240AH battery.





1KG=2.205LB 1INCH=25.40MM

Model		CDDK10- III	CDDK12- III	CDDK15- III
<b>Load capacity/rated load</b>	<b>Q(kg)</b>	<b>1000</b>	<b>1200</b>	<b>1500</b>
Load centre distance	c(mm)	500	500	600
Load distance,centre of drive axle to fork	x(mm)	600	600	697
Fork height, lowered	$h_{13}$ (mm)	90	90	90
Tyre size, front	mm	$\phi$ 250x70	$\phi$ 250x70	$\phi$ 250x70
Tyre size, rear	mm	$\phi$ 80x70	$\phi$ 80x70	$\phi$ 80x70
Additional wheels(dimensions)	mm	$\phi$ 150x60	$\phi$ 150x60	$\phi$ 150x60
Wheels,number front rear(x= driven wheels)		1x+2/4	1x+2/4	1x+2/4
Height, mast lowered	$h_1$ (mm)	2087/1837/2087/2237	2087/1837/2087/2237	2087/1837/2087/2237
<b>Max. Lift height</b>	<b><math>h_4</math>(mm)</b>	<b>1600/2500/3000/3300</b>	<b>1600/2500/3000/3300</b>	<b>1600/2500/3000/3300</b>
Height, mast extended	$h_4$ (mm)	2087/3087/3587/3887	2087/3087/3587/3887	2087/3087/3587/3887
Height of tiller in drive position min./max.	$h_{14}$ (mm)	1150/1450	1150/1450	1150/1450
Overall length	$l_1$ (mm)	1955	1955	2025
Length to face of forks	$l_2$ (mm)	840	840	920
Overall width	$b_1$ (mm)	850	850	850
Fork dimensions	s/e/l(mm)	60/170/1070(1150)	60/170/1070(1150)	60/170/1070(1150)
Width overall forks	$b_5$ (mm)	570/695	570/695	570/695
Aisle width for pallets 800x1200 lengthways	$A_w$ (mm)	2440	2440	2520
Turning radius	$W_t$ (mm)	1575	1575	1655
Travel speed,laden/unladen	Km/h	6.5/6.7	6.5/6.7	6.5/6.7
Lift speed,laden/unladen	m/s	0.06/0.13	0.06/0.13	0.06/0.13
Lowering speed,laden/unladen	m/s	0.13/0.10	0.13/0.10	0.13/0.10
Battery voltage,nominal capacity K5	V/Ah	24/120	24/120	24/200
Battery weight	kg	90	90	160
Battery dimensions l/w/h	mm	753x178x240	753x178x240	800x254x320
Service weight (with battery)	kg	700/750/780/800	800/850/870/890	840/920/930/945

