



00109Q12296R0M/3302
00109E30323RUM/3302
00109S19127RUM/3302



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CDDK15-II/III

Electric Rider Stacker

Specifications

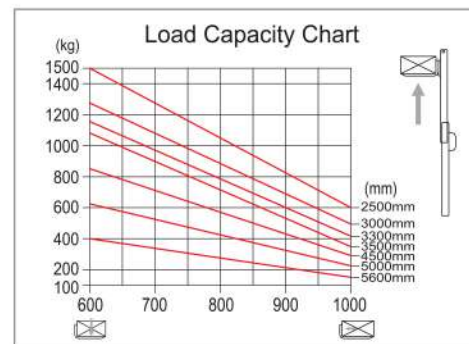
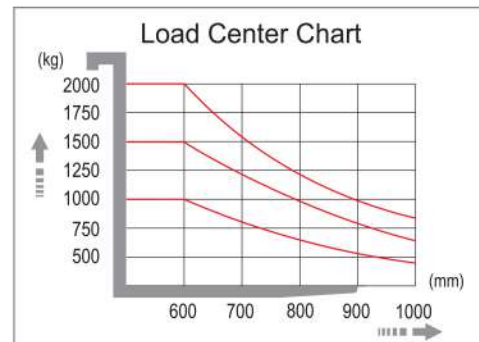
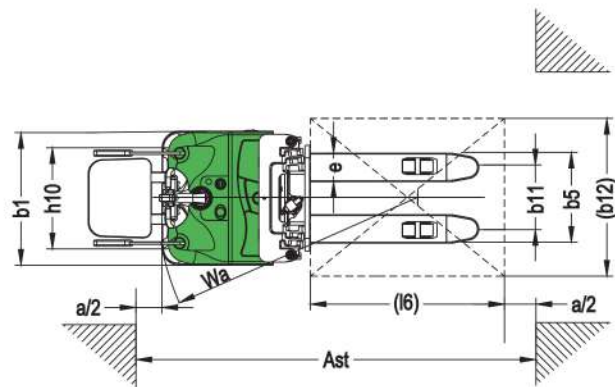
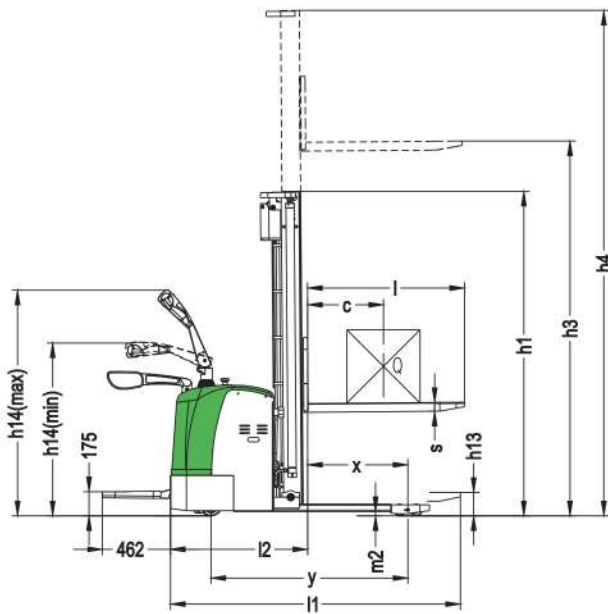
M Series



Model		CDDK15-II	CDDK15-III	CDDK15-III
Drive: electric (battery type, mains, ...), diesel, petrol, fuel gas		Electric	Electric	Electric
Operator type: hand, pedestrian, standing, seated, order-picker		Standing	Standing	Standing
Rated capacity/rated load	Q (kg)	1500	1500	1500
Load centre distance	c (mm)	600	600	600
Load distance, centre of drive axle to fork	x (mm)	697	697	697
Wheelbase	y (mm)	1378	1405	1405
Service weight	kg	1140/1190/1200/1290 1370/1400/1530	760/810/835/860	
Axle loading, laden front/rear	kg	1830/1140	1280/1070	1280/1070
Axle loading, unladen front/rear	kg	1040/470	650/200	650/200
Tyres: solid rubber, superelastic, pneumatic, polyurethane		Polyurethane	Polyurethane	Polyurethane
Tyre size, front		ø250*70	ø250*70	ø250*70
Tyre size, rear		ø80*84	ø80*70	ø80*70
Additional wheels (dimensions)		ø150*60	ø150*60	ø150*60
Wheels, number front/rear (x = driven wheels)		1x+1/4	1x+2/4	1x+2/4
Tread, front	b ₁₀ (mm)	500	586	586
Tread, rear	b ₁₁ (mm)	404/530	410/525	410/525
Height, mast lowered	h ₁ (mm)	1735/1985/2135/2235 2050/2210/2410	2087/1837/2087/2237	2050/2210/2410
Free lift	h ₂ (mm)	1300/1550/1700/1800 1570/1740/1940	N/A	1570/1740/1940
Lift	h ₃ (mm)	2500/3000/3300/3500 4500/5000/5600	1600/2500/3000/3300	4500/5000/5600
Height, mast extended	h ₄ (mm)	2955/3455/3755/3955 5030/5510/6110	2087/3087/3587/3887	5030/5510/6110
Height drawbar in driving position min./max.	h ₁₄ (mm)	1150/1450	1150/1450	1150/1450
Height of wheel arms	h ₈ (mm)	81	81	81
Height, lowered	h ₁₃ (mm)	90	90	90
Overall length	l ₁ (mm)	2020(2100)	1990(2070)	1990(2070)
Length to face of forks	l ₂ (mm)	950	920	920
Overall width	b ₁ /b ₂ (mm)	850	850	850
Fork dimensions DIN ISO 2331	s/e/l (mm)	60/180/1070(1150)	60/170/1070(1150)	60/170/1070(1150)
Fork spread	b ₅ (mm)	570/695	570/695	570/695
Ground clearance, centre of wheelbase	m ₂ (mm)	31	26	26
Aisle width for pallets 1000 × 1200 crossways	Ast (mm)	2535	2550	2550
Aisle width for pallets 800 × 1200 lengthways	Ast (mm)	2515	2520	2520
Turning radius	Wa (mm)	1655	1655	1655
Travel speed, laden/unladen	km/h	7.0/7.1	6.5/6.7	6.5/6.7
Lift speed, laden/unladen	m/s	0.11/0.16	0.09/0.16	0.09/0.16
Lowering speed, lade/unladen	m/s	0.14/0.19	0.15/0.16	0.15/0.16
Max. gradeability, laden/unladen	%	8/15	6/15	6/15
Service brake		Electromagnetic	Electromagnetic	Electromagnetic
Drive motor rating S2 60 min	kW	1.2(AC)	1.2(AC)	1.2(AC)
Lift motor rating at S3 15%	kW	3.0	2.2	2.2
Battery voltage/nominal capacity K5	(V)/(Ah) or kWh	24/240 24/300	24/200	24/200
Battery weight	kg	220 260	160	160
Sound pressure level at the driver' s seat	dB (A)	70	70	70

*The weight shown is for 240AH battery.

Option: With EPS the drive wheel size is 250x80mm
 Lithium battery 225AH (Charger 24V/100A)





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)

SERVICEABIUTY

- Low voltage protection setting prolongs the battery life time.
- The electronic components' concentrated design simplifies the circuit and makes easily assemble, debug and maintain.



Initial lifting with double-pallet function

Model	Remarks
CDDK15- II	Standard configuration
CDDK10- III/12- III	Economy type (DC brushless)