

Counterbalanced Electric Reach Stacker

Advantages:

STRUCTURAL

- Two lifting cylinders placed on outer sides of the mast.
- Germany imported special steel mast.
- Vertical driving wheel, driving efficiency, easy installation & maintenance.
- Compact structure and low gravity.

SAFETY AND EFFICIENCY

- AC frequency conversion traction motor: compact structure, good performance, regenerative braking and easy maintenance.
- Tilting system forks easy for loading and stacking.
- High Storage battery ensures strong and long-lasting power.
- Meter with BDI, prolonging the battery's using time.
- The braking system combines magnetic brake and regenerative break, greatly prolongs the using life of friction plate.
- With emergency stop switch and electricity lock button, and multi-valve controlling levers, ergonomic for operation.
- The adjustable regulator valve can adjust the lowering speed of the masts.

EASY MAINTENANCE

- Magnet suction battery cover, easy for installation and maintenance.
- AC controlling system, low noise, less maintenance.



Model:
CQD12R
CQD15R
Mast Reach Type

AC

EPS
option



Conforms to EN ISO3691-1:2012
EN1175-1:1998/A1:2019
EN18307-1:2015

Model		CDD12R	CDD15R
Load capacity	Q(kg)	1250	1500
Load center	c(mm)	500	500
Load distance	x(mm)	430	520
Tyre size, front	mm	Φ200x70	Φ250×70
Tyre size, rear	mm	Φ210x85	Φ210×85
Balance wheel size	mm	Φ150x60	Φ150×60
Wheel, number front rear(x = drive wheels)		1x+2Q	1x+2Q
Forks, tilt forward/back	°	3/6	3/6
Height, mast lowered	h ₁ (mm)	1820/2070/2320/1920/2080/2250/2420	1890/2110/2400/1950/2120/2290/2495
Free lift (option)	h ₂ (mm)	0 / 0 / 0 /1300/1500/1720/1880	0 / 0 / 0 /1200/1400/1600/1870
Max. lift height	h ₃ (mm)	2500/3000/3500/4000/4500/5000/5500	2500/3000/3500/4000/4500/5000/5500
Height, mast extended	h ₄ (mm)	3300/3800/4300/4800/5300/5800/6300	3300/4000/4500/5000/5500/6000/6600
Height of tiller in drive position min./max.	h ₅ (mm)	1150/1460	1160/1460
Overall length	l ₁ (mm)	2100	2250
Length to face of fork	l ₂ (mm)	1200	1240
Overall width	b ₁ (mm)	900	900
Fork dimension	a/b(l)(mm)	35/100/950(1070/1150)	35/100/950(1070/1150)
Fork carriage width	b ₂ (mm)	220-690	220-680
Reach distance	l ₃ (mm)	500	650
Aisle width for pallets 800x1200 lengthways	A ₁ (mm)	2600	2750
Turning radius	W ₁ (mm)	1680	1750
Travel speed, laden/unladen	Km/h	0-0.7	0-0.7
Lifting speed, laden/unladen	m/s	0-0.13/0-0.2	0-0.13/0-0.2
Lowering speed, laden/unladen	m/s	0-0.42/0-0.41 (adjustable)	0-0.42/0-0.41 (adjustable)
Battery voltage, nominal capacity kWh	V/kWh	24/270	24/270
Battery weight	kg	290-320	290-320
Battery dimensions (L/W/H)	mm	825x218x990	825x218x990
Service weight(with battery)	kg	1800	2140

