

Model:
CDDR10
CDDR12
CDDR15

Walkie type electric stacker provides a cost effective solution for applications involving medium lifting storage and short distance pallets transportation.



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)



AC

* photo shown with model CDDR15-II with free lifting

Advantages: (CDDR15-I/CDDR15-II)

STRUCTURAL AND SAFETY:

- Advanced AC control system Intelligentized regenerative brake system.
- Multi-function display with BDI and hour meter etc.
- Emergency reversing device.
- Auto deceleration system utilizes regenerative braking.
- Built-in pressure relief valve protects the trucks from overloads.
- Emergency power disconnect .
- Stepless speed control.
- With lifting limit switch to shut off pump motor at the max. lifting height.
- Vertical drive motor has a small turning radius. The motor structure is water-proof and dust-proof.

SERVICEABILITY:

- CANbus technology reduces wiring complexity and increase reliability.
- Advanced AC control system with brushless motor.
- Auto deceleration system utilises regenerative braking.
- Side-way battery with roll-out system is very convenient for replacement.

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)



CDDR15-III mast



Vertical Drive Wheel



Option: Initial lifting with double-pallet function turn to P74



RUYI Handle (standard for CDDR-III)



Frei tiller head with one side lifting button (option)



Germany Tiller Head with big buttons (Option for CDDR15-I proportional lifting)

Electric Walkie Stacker



* photo shown is model CDDR15-III without free lifting

1KG=2.205LB 1INCH=25.40MM

Model		CDDR15- I	CDDR15- II	CDDR10- III	CDDR12- III	CDDR15- III	CDDR15- III
Load capacity	Q(kg)	1500	1500	1000	1200	1500	1500
Load centre distance	c(mm)	600	600	500	500	600	600
Load distance, centre of drive axle to fork	x(mm)	697	697	697	697	697	667
Fork height, lowered	h ₃ (mm)	90	90	90	90	90	90
Tyre size, front	mm	φ 250x70	φ 250x70	φ 250 × 70	φ 250 × 70	φ 250 × 70	φ 250 × 70
Tyre size, rear	mm	φ 80x84	φ 80x84	φ 80 × 70	φ 80 × 70	φ 80 × 70	φ 80 × 70
Additional wheels(dimensions)	mm	φ 150x60	φ 150x60	φ 150 × 60	φ 150 × 60	φ 150 × 60	φ 150 × 60
Wheels, number front rear(x=driven wheels)		1x+1/4	1x+1/4	1x+1/4	1x+1/4	1x+1/4	1x+1/4
Height, mast lowered	h ₁ (mm)	1735/1985/2135/2235/2050/2210/2410	1735/1985/2135/2235/2050/2210/2410	2087/1837/2087/2237		2054/2214/2414	
Free lift (option 2500~3500mm)	h ₂ (mm)	1300/1550/1700/1800/1570/1740/1940	1300/1550/1700/1800/1570/1740/1940	~		1570/1740/1940	
Max. lift height	h ₂ (mm)	2500/3000/3300/3500/4500/5000/5600	2500/3000/3300/3500/4500/5000/5600	1600/2500/3000/3300		4500/5000/5600	
Height, mast extended	h ₁ (mm)	2955/3455/3755/3955/5030/5510/6110	2955/3455/3755/3955/5030/5510/6110	2087/3087/3587/3887		5030/5510/6110	
Height of tiller in drive position min./max.	h ₄ (mm)	670/1300	670/1300	670/1300	670/1300	670/1300	670/1300
Overall length	l ₁ (mm)	1950	1950	1965	1965	2045	1975/2055
Length to face of forks	l ₂ (mm)	878	878	792	792	878	905
Overall width	b ₁ (mm)	820	820	820	820	820	820
Fork dimensions	s/e/l(mm)	60/180/1070(1150)	60/180/1070(1150)	60/170/1070(1150)	60/170/1070(1150)	60/170/1070(1150)	60/180/1070(1150)
Width overall forks	b ₂ (mm)	570/695	570/695	570/695	570/695	570/695	570/695
Aisle width for pallets 800x1200 lengthways	A ₁ (mm)	2420	2420	2370	2370	2450	2450
Turning radius	W ₁ (mm)	1575	1575	1525	1525	1605	1575
Travel speed, laden/unladen	Km/h	5.8/6	5.8/6	5.3/5.6	5.3/5.6	5.8/6	5.8/6
Lift speed, laden/unladen	m/s	0-0.16/0-0.24	0.11/0.16	0.11/0.17	0.10/0.16	0.09/0.16	0.09/0.16
Lowering speed, laden/unladen	m/s	0-0.39/0-0.26	0.14/0.19	0.15/0.16	0.15/0.16	0.15/0.16	0.15/0.16
Battery voltage, nominal capacity K ₁ (Duplex Mast)	V/Ah	24/300	24/240	24/120	24/120	24/200	24/200
Battery weight	kg	260	220	90	90	160	160
Battery dimensions l/w/h	mm	675x248x545	625x248x500	753x178x240	753x178x240	800x254x320	800x254x320
Service weight(with battery)	kg	1190/1240/1250/1340/1420/1450/1580	1140/1190/1200/1290/1370/1400/1530	730/750/770/795	750/770/790/815	760/810/835/860	1185/1205/1225

* Option: Lithium battery 225AH (Charger 24V/100A)

Model	Remarks
CDDR15- I	High configuration with proportional valve
CDDR15- II	Standard configuration
CDDR15- III	Light duty type
CDDR10- III/12- III	Economy type (DC brushless)

Option for CDDR10-III/CDDR12-III :

- 1) AC motor
- 2) CURTIS controller
- 3) Frei Handle

