

Model: CDDR15

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

Conform to
ISO3691-1 EN1175:2020
EN12053 EN 16307-1
EN12100 EMC EN 12895
Related to CE directive:
2006/42/EC (Machinery)
2014/30/EU (Electromagnetic compatibility)

Hot Sale

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



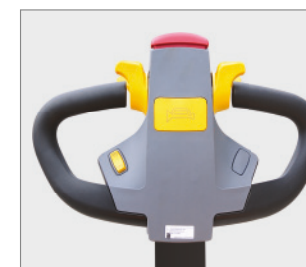
Vertical Drive Wheel



Option: Initial lifting with
double-pallet function turn
to P72



RUYI Handle
(standard for CDDR-III)



Frei tiller head with one
side lifting button (option)



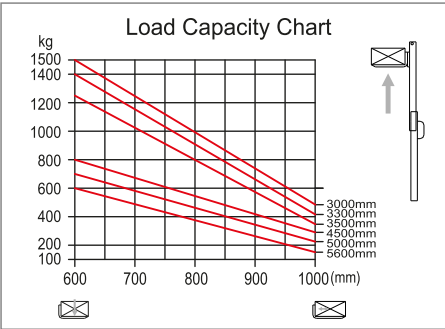
Germany Tiller Head with
big buttons (Option for
CDDR15-I proportional lifting)

Electric Walkie Stacker

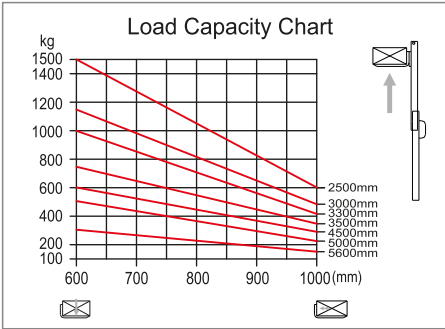


* photo shown is model CDDR15-III without free lifting

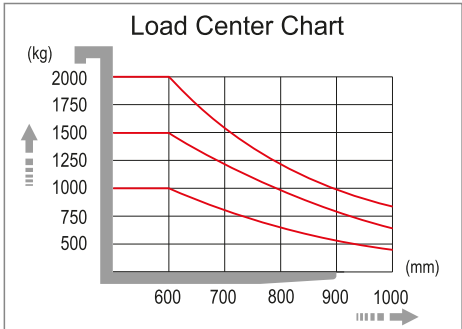
Model	Remarks
CDDR15- I	High configuration with proportional valve
CDDR15- II	Standard configuration
CDDR15- III	Light duty type



CDDR15-I/CDDR15-II



CDDR15-III



		1KG=2.205LB 1INCH=25.40MM					
General Information	1.2	Manufacturer's type designation		CDDR15- I	CDDR15- II	CDDR15- III	CDDR15- III
	1.3	Drive: electric (battery type, mains, ...), diesel, petrol, fuel gas		Electric	Electric	Electric	Electric
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker		Pedestrian	Pedestrian	Pedestrian	Pedestrian
	1.5	Rated capacity/rated load	Q (kg)	1500	1500	1500	1500
	1.6	Load centre distance	c (mm)	600	600	600	600
	1.8	Load distance, centre of drive axle to fork	x (mm)	697	697	697	770
	1.9	Wheelbase	y (mm)	1383	1383	1410	1383
Weight	2.1	Service weight	kg	1190/1240/1250/1340/1420/1450/1580	1140/1190/1200/1290/1370/1400/1530	760/810/835/860	1185/1205/1225
	2.2	Axle loading, laden front/rear	kg	1430/1270	1400/1250	1280/1070	1280/1070
	2.3	Axle loading, unladen front/rear	kg	843/356	820/330	650/200	650/200
Tyres	3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane		Polyurethane		Polyurethane	Polyurethane
	3.2	Tyre size, front		Φ250x70		Φ250x70	Φ250x70
	3.3	Tyre size, rear		Φ80x84		Φ80x70	Φ80x70
	3.4	Additional wheels (dimensions)		Φ150x60		Φ150x60	Φ150x60
	3.5	Wheels, number front/rear (× = driven wheels)		1x+1/4		1x+1/4	1x+1/4
	3.6	Tread, front	b10 (mm)	520		520	520
	3.7	Tread, rear	b11 (mm)	405/530		400/525	400/525
Dimensions	4.2	Height, mast lowered	h1 (mm)	1735/1985/2135/2235/2050/2210/2410		2087/1837/2087/2237	2054/2214/2414
	4.3	Lift	h2 (mm)	1300/1550/1700/1800/1570/1740/1940		N/A	1570/1740/1940
	4.4	Max. lift height	h3 (mm)	2500/3000/3300/3500/4500/5000/5600		1600/2500/3000/3300	4500/5000/5600
	4.5	Height, mast extended	h4 (mm)	2955/3455/3755/3955/5030/5510/6110		2087/3087/3587/3887	5030/5510/6110
	4.9	Height drawbar in driving position min./max.	h14 (mm)	670/1300		670/1300	670/1300
	4.10	Height of wheel arms	h8 (mm)	81		81	81
	4.15	Height, lowered	h13 (mm)	90		90	90
	4.19	Overall length	l1 (mm)	1948(2028)		1948(2028)	1975(2055)
	4.20	Length to face of forks	l2 (mm)	878		878	905
	4.21	Overall width	b1/b2 (mm)	820		820	820
	4.22	Fork dimensions DIN ISO 2331	s / e / l (mm)	60/180/1070(1150)		60/170/1070(1150)	60/170/1070(1150)
	4.25	Fork spread	b5 (mm)	570/695		570/695	570/695
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	31		26	26
	4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast (mm)	2450		2480	2480
	4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast (mm)	2420		2450	2450
Performance Data	4.35	Turning radius	Wa (mm)	1575		1605	1575
	5.1	Travel speed, laden/unladen	km/h	5.8/6.0		5.8/6.0	5.8/6.0
	5.2	Lift speed, laden/unladen	m/s	0-0.16/0-0.24	0.11/0.16	0.09/0.16	0.09/0.16
	5.3	Lowering speed, laden/unladen	m/s	0-0.39/0-0.26	0.19/0.14	0.16/0.15	0.16/0.15
	5.8	Max. gradeability, laden/unladen	%	8/15	8/15	6/15	6/15
Motors	5.10	Service brake		Electromagnetic		Electromagnetic	Electromagnetic
	6.1	Drive motor rating S2 60 min	kW	1.5(AC)	1.2(AC)	1.2(AC)	1.2(AC)
	6.2	Lift motor rating at S3 15%	kW	3.2	3	2.2	2.2
	6.4	Battery voltage/nominal capacity K5	(V)/(Ah)or kWh	24/300	24/240	24/200	24/200
	6.5	Battery weight	kg	260	220	160	160
Additional Data	10.7	Sound pressure level at the driver's seat	dB (A)	70	70	70	70

