



MAKE EVERYTHING EASIER





CDDR15-II/III

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



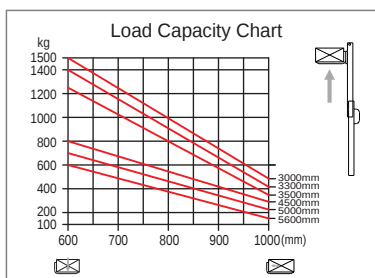
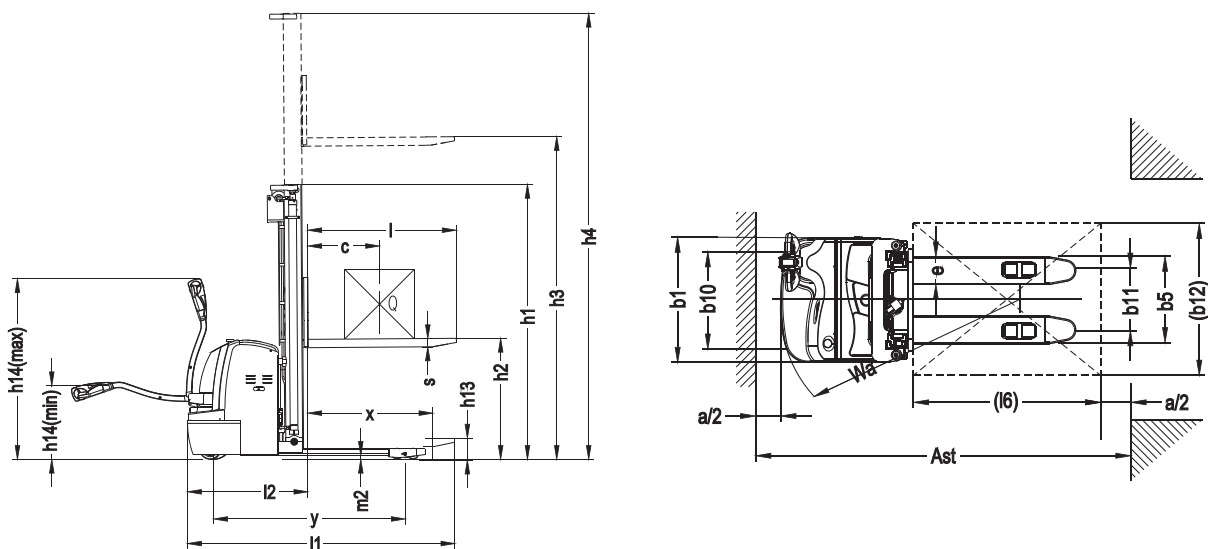
Conforms to EN ISO3691-1
EN1175-1
EN16307-1
Based on Directive 2006/42/EC
Conform to EN Standard 12895
Based on directive: 2014/30/EU (EMC)

Model		CDDR15-II	CDDR15-III	CDDR15-III
Drive: electric (battery type, mains, ...), diesel, petrol, fuel gas		Electric	Electric	Electric
Operator type: hand, pedestrian, standing, seated, order-picker		Pedestrian	Pedestrian	Pedestrian
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	770
Wheelbase	y (mm)	1383	1410	1387
Service weight	kg	1140/1190/1200/1290/1370/1400/1530	760/810/835/860	1185/1205/1225
Axle loading, laden front/rear	kg	1400/1250	1280/1070	1280/1070
Axle loading, unladen front/rear	kg	820/330	650/200	650/200
Tyres: solid rubber, superelastic, pneumatic, polyurethane		Polyurethane	Polyurethane	Polyurethane
Tyre size, front		♣250*70	♣250*70	♣250*70
Tyre size, rear		♣80*84	♣80*70	♣80*70
Additional wheels (dimensions)		♣150*60	♣150*60	♣150*60
Wheels, number front/rear (x = driven wheels)		1x+1/4	1x+1/4	1x+1/4
Tread, front	b ₁₀ (mm)	520	520	520
Tread, rear	b ₁₁ (mm)	405/530	400/525	400/525
Height, mast lowered	h ₁ (mm)	1735/1985/2135/2235/2050/2210/2410	2087/1837/2087/2237	2054/2214/2414
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)	670/1300	670/1300	670/1300
Height of wheel arms	h ₈ (mm)	81	81	81
Height, lowered	h ₁₃ (mm)	90	90	90
Overall length	l ₁ (mm)	1948(2028)	1948(2028)	1975(2055)
Length to face of forks	l ₂ (mm)	878	878	905
Overall width	b ₁ /b ₂ (mm)	820	820	820
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)	2450	2480	2480
Aisle width for pallets 800 × 1200 lengthways	Ast (mm)	2420	2450	2450
Turning radius	Wa (mm)	1575	1605	1575
Travel speed, laden/unladen	km/h	5.8/6.0	5.8/6.0	5.8/6.0
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	2.2	2.2
Battery voltage/nominal capacity K5	(V)/(Ah) or kWh	24/240	24/200	24/200
Battery weight	kg	220	160	160
Sound pressure level at the driver 's seat	dB (A)	70	70	70

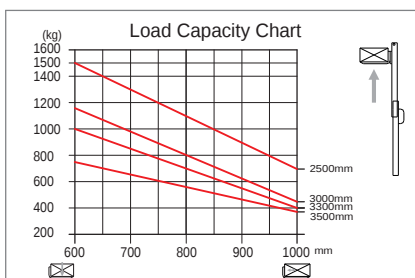
Option:  Lithium battery 225AH (Charger 24V/100A)



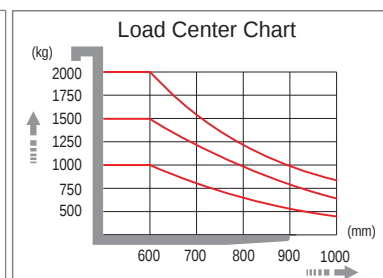
* photo shown is model CDDR15-III
without free lifting



CDDR15-I/CDDR15-II



CDDR15-III



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.

STRUCTURAL

- 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 oll-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)



Mast



Vertical Drive Wheel



Option: Initial lifting with double-pallet function



RUYI Handle



Frei tiller head with one side lifting button (option)



Germany Tiller Head with big buttons



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