

Counterbalanced Electric Reach Stacker



Model:
CQD12W
CQD15W
Mast Reach Type

Advantages:

- STRUCTURAL**
- Long handle structure makes it steering light and flexible.
 - 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 lowing speed of the masts.
- EASY MAINTENANCE**
- Magnet suction battery cover, easy for installation and maintenance.
 - AC controlling system, low noise, less maintenance.



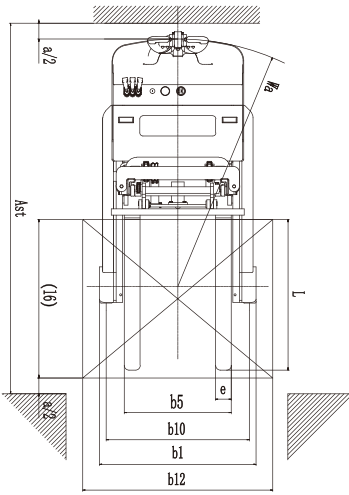
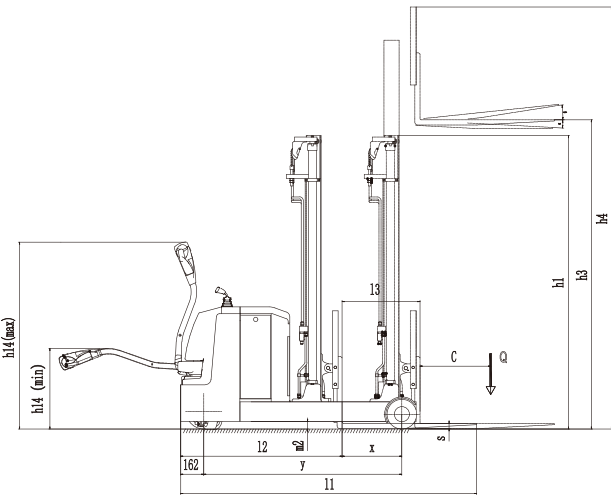
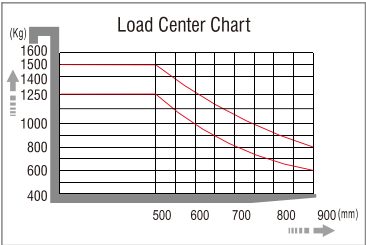
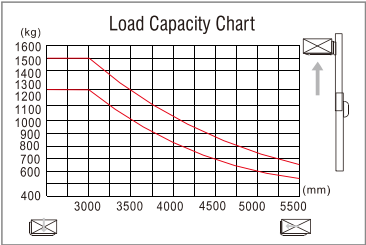
AC



Conform to
ISO3691-1
EN1175:2020
EN16307-1
EN12053
EN12100

1KG=2.205LB 1INCH=25.40MM				
General Information	1.2	Manufacturer's type designation	CQD12W	CQD15W
	1.3	Drive: electric (battery type, mains, ...), diesel, petrol, fuel gas	Electric	Electric
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker	Pedestrian	Pedestrian
	1.5	Rated capacity/rated load	1250	1500
	1.6	Load centre distance	c (mm)	500
	1.8	Load distance, centre of drive axle to fork	x (mm)	430
	1.9	Wheelbase	y (mm)	1380
Weight	2.1	Service weight	1700	1980
	2.3	Axle loading, unladen front/rear	1090/610	1200/780
	2.5	Axle loading, fork retracted, laden front/rear	1100/1840	1210/2270
Tyres	3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane	Polyurethane	Polyurethane
	3.2	Tyre size, front	Φ250×70	Φ250×70
	3.3	Tyre size, rear	Φ210×85	Φ210×85
	3.4	Additional wheels (dimensions)	Φ127×57	Φ127×57
	3.5	Wheels, number front/rear (× = driven wheels)	1x+2/2	1x+2/2
	3.6	Tread, front	b10 (mm)	612
	3.7	Tread, rear	b11 (mm)	908
Dimensions	4.1	Tilt of mast/fork carriage forward/backward	a/b (°)	3/6
	4.2	Height, mast lowered	h1 (mm)	1880/2118/2400/1953/2128/2298/2495
	4.3	Free lift	h2 (mm)	0/0/0/1280/1480/1600/1870
	4.4	Lift	h3 (mm)	2500/3000/3500/4000/4500/5000/5600
	4.5	Height, mast extended	h4 (mm)	3500/4000/4500/5000/5500/6000/6600
	4.9	Height drawbar in driving position min./max.	h14 (mm)	570/1320
	4.19	Overall length	l1 (mm)	2080/2250/2280
	4.20	Length to face of forks	l2 (mm)	1130
	4.21	Overall width	b1/b2 (mm)	990
	4.22	Fork dimensions DIN ISO 2331	s / e / l (mm)	35/100/950(1070/1150)
	4.25	Fork spread	b5 (mm)	200-680
	4.28	Reach distance	l4 (mm)	560
	4.31	Ground clearance, laden, below mast	m1 (mm)	55
	4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast (mm)	2500
	4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast (mm)	2620
Performance Data	4.35	Turning radius	Wa (mm)	1550
	5.1	Travel speed, laden/unladen	km/h	5.5/6.0
	5.2	Lift speed, laden/unladen	m/s	0-0.13/0-0.2
	5.3	Lowering speed, laden/unladen	m/s	0-0.25/0-0.2
	5.8	Max. gradeability, laden/unladen	%	6/10
Motors	5.10	Service brake	Electromagnetic	Electromagnetic
	6.1	Drive motor rating S2 60 min	kW	1.2(AC)
	6.2	Lift motor rating at S3 15%	kW	4.5
	6.4	Battery voltage/nominal capacity K5	(V)/(Ah) or kWh	24/270
Additional Data	6.5	Battery weight	kg	260-320
	10.7	Sound pressure level at the driver's seat	dB (A)	65

* Option: Lithium battery 230AH (Charger 24V/100A)



Electric Pallet Truck

Electric Stackler

Order Picker

Narrow Aisle Truck

Electric Tow Tractor

Hand Pallet Truck

Manual Stackler

Lift Table