

Safety

Design of the SINOLIFT CQD-E series Electric Reach Stacker is not only good to look at, but also good for protection of the operator. The low skirt ensures that the wheels remain safely within the truck contours. Together with the rounded, smooth shape of the chassis and tiller head, this reduces all risk of injury or damage.

Powerful

The trucks show their true strength in efficiency on the job. Powerful 1.6kW AC motor, control for authentic proportional lifting and lowering, load capacity up to 1.500kg and efficient brakes add up to productivity in service at any duty level.

Comfort

Everything the SINOLIFT CQD-E is meant to do it does easily. And does most of it faster. All controls can be operated with either hand without ever having to let go of the tiller. The handles are made of corrosion-resisting material that is pleasant to the touch.

Reliability

Rugged construction makes this a truck to rely on. The sturdy mast and the frame of high-grade pressed steel contribute to considerably longer truck lifetime as well as fast, easy and safe load handling.

Serviceability

Self-Diagnostics provided through the digital display allows easy trouble-shooting with the use of an external hand-held analyzer. Swift access to all components and maintenance-free AC-technology play an additional part in keeping truck uptime up.

Standard equipment

- Multifunction back lighted display
- Key switch or Log in Pin code: ignition
- Dedicated work station (with storage compartments)
- Power assisted steering with a proportional steering resistance
- Positive steering (drive wheel) feedback
- Automatic speed reduction when cornering
- AC motor and Progressive speed AC control system.
- Automatic braking
- Electromagnetic emergency brake acting proportionally to the load weight
- Folding stand-on platform
- Hour meter

Optional equipment

- Other mast types and lift heights
- Soft landing of forks
- Ultra fast lifting
- Support for data terminal or barcode reader (Pack N°2)
- Cold store protection -35°C
- Mast protections (polycarbonate or mesh)
- Ideal 45° driving position (SP)
- Safe operator compartment with surrounding shields
- Cushioned full-suspension platform
- Battery capacity/discharge indicator
- Swing out battery tray
- Electric horn
- Buck-up buzzer wiring
- Non-slip sheet
- Battery hood damper
- Load restrainer
- Other Tiller
- Flashing light and beeper
- 50A Built-in restrainer
- Other options available on request



SINOLIFT
For material handling

CQD-E Series

Heavy Duty Electric Reach Stacker
ISO9001
CE



- Rated capacity: 1000kg/1500kg.
- Advanced ergonomics for maximum safety.
- Idea for short shuttle distances and low-speed handling.
- Rugged construction, compact body and precise control.
- Electric power steering (EPS): extremely light and energy saving.

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CQD-E Series Heavy Duty Electric Reach Stacker

The CQD-E Series Reach Truck is available for applications where pallet widths vary in size and exceed the existing straddle width setting, or where bottom rack stringers do not exist. The 500mm heavy duty reach mechanism that include forward/backward tilt forks, features internal hoses that replaces conventional, high maintenance, externally mounted hose reels, Tilt forks make load handling easier and the reach actions is cushioned for steady and controlled load extension and retraction.

Features

- Robust construction, rounded contours with no sharp edges.
- Idea driving position with panoramic visibility, secure and stable stand.
- Operator safety ensured by low skirt and design on tiller head.
- Electric power steering (EPS), effortless and exact.
- Integral side guards, fold up and down at one easy motion (OPTIONS).



Tiller arm controls

- All controls on tiller can be operated with either hand and greatly reduce operator fatigue even during long shifts.
- The handles are made of corrosion-resisting material that is pleasant to the touch.
- The polyethylene covers manufactured with rotational molding technology are very strong and flexible, and can withstand hard bumps without buckling.



Mast and frame

- Masts with a rated capacity of 1,000kg and 1500kg. Cold drawn sections have high surface strength and permit high capacities.
- Simplex, Duplex and Triplex mast with ample visibility and lifting heights up to 5000mm are available.
- The mast can be delivered upon request with low free lift or high free lift of the forks.
- ITA Class II hook type mounting carriage and heavy-duty I.T.A alloy forks can help easier loading and unloading.



Drive unit / Transmission

- Maintenance-free AC technology plan and additional part in keeping truck uptime up.
- Advanced regenerative braking guarantee low energy consumption, increasing the efficiency.
- Drive axle mounted on precision tapered roller bearings.
- Two magnetic valves quote three kinds of descend speed.
- Proximity switch ensure safety and energy-saving.



Electric system

- The new electronic system ensure low energy consumption and quiet operations.
- The electrical system and wiring are protected to IP54 and are waterproof and dustproof, ensuring greater reliability over time.
- The control system protects the motor and battery from early wear by preventing high power spikes.
- The battery compartment is fully lined with sheet metal and can accommodate DIN and BS Batteries.

Mast Options

Mast Model	Max. Lifting height (mm)	Mast lowered height (mm)	Mast extended height (mm)
	h3	h1	h4
M16	1600	1790	2040
M25	2500	2040	3090
M30	3000	2190	3590
M33	3300	2340	3890
FFM45	4500	2040	5090

Notice: Care must be exercised when handling elevated load. When the carriage and/or load is elevated, truck stability is reduced. Operators must be trained and adhere to the instructions contained in the Operating Manual.

■ CQD-E Series 1.0T/1.5T Electric Reach Stacker Specifications

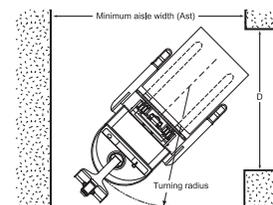
Characteristics	Model		CQD10E	CQD15E
	Vehicle Type	Electric Reach Stacker		
Type of drive	Accumulator			
Rated capacity	Q	kg	1000	1500
Load center	c	mm	500	500
Operator type			Rider	Rider
Wheelbase	Y	mm	1280	1380
Reach length	C1	mm	500	
Overall weight			1636	1836
Wheels	Wheel material			PU
	Size of front wheel			ø210
	Size of drive wheel			ø230
	Size of balance wheels			ø124
	Wheel quantity	2* front wheel + 1* drive wheel + 1* balance wheel		
Dimensions	Track width,front	b10	mm	900
	Track width,rear	b11	mm	608
	Lowered mast height	h1	mm	1790
	Lifting height	h3	mm	70~1600
	Raised mast height	h4	mm	2040
	Overall length	L1	mm	2300
	Fork length	L	mm	1070
	Overall width	b1/b2	mm	850/908
	Outer width of the fork	b5	mm	200~680
	Min. height of fork	b6	mm	70
	Clearance	b7	mm	40
	Height of frame	b8	mm	840
	Turning radius	Wa	mm	1650
Performance	Travel speed	laden	km/h	5.3
		unladen	km/h	6
	Lift speed	laden	mm/s	75
		unladen	mm/s	105
	Lowering speed	laden	mm/s	145
		unladen	mm/s	80
Gradeability	laden	%	8%	
	unladen	%	10%	
Motor	Drive motor power			kw
	Lift motor power			kw
	Battery voltage/rated			V/Ah
	Battery capacity			24/210
	Battery weight			kg
	Battery dimensions (L×W×H)			mm

Remark:
 1. The above specifications is set based the lifting height 2-stage mast: 1.6m, Special lifting height available,(2-Stage mast:2.5m,2.7m,3.0m,3.3m,3.6m,4m, 3-stage mast:4.3m,4.5m,4.8m,5m,5.5m,6m).
 2. Attachment available.
 3. Full free lift (FFM) is available.
 4. The specification in the table are for standard models only, specification are subject to change without notice. For further information ,please contact us.

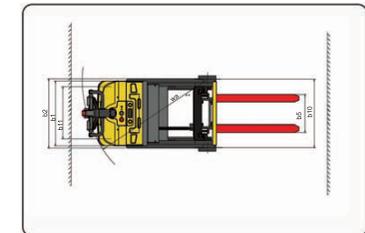
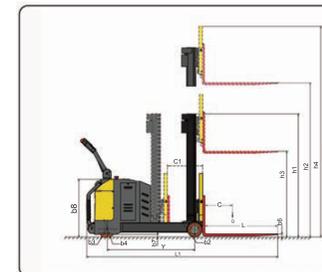
RIGHT ANGLE STACKING Minimum Aisle Width

Model	Pallet length (mm)	Pallet width (mm)	Distance(D) (mm)	Min. Aisle Width (mm)
CQD10E	1200	1000	1270	2286
CQD15E	1200	1000	1270	2362

* For each operation, an extra 200mm should be added to the "Min" Aisle dimension above.



Truck dimensions



Notice: Specifications are effected by the condition of the vehicle and how it is equipped, as well as the nature and condition of the operating area. If these specifications are critical, the proposed application should be discussed with your dealer.