

# Electric Reach Truck

Model:  
**CQD16**

Max. lift height:  
**9500mm**

**AC** **EPS**



## Advantages:

- With powerful AC drive motor, increase the production efficiency.
- Offers three different driving speed options ( Low/medium/high).
- Standard With ELECTRIC POWER STEERING system (EPS) , steering is very light.
- Hydraulic system with proportional lifting, precisely control different speed .
- Steering wheel can be turn at 360degrees and or 180 degrees, two type steering functions can be freely switched as demand.
- Two lifting cylinder on two sides of mast and provide wide view in the front.
- With integrated side shift improve the load capacity.
- With finger tip control stick , easy to operate .
- Both lifting and driving motor are all AC free to maintenance. Improve the trucks stability.
- Have multifunction instrument: show steering wheel direction. BDI battery status, faulty code, different driven speed.



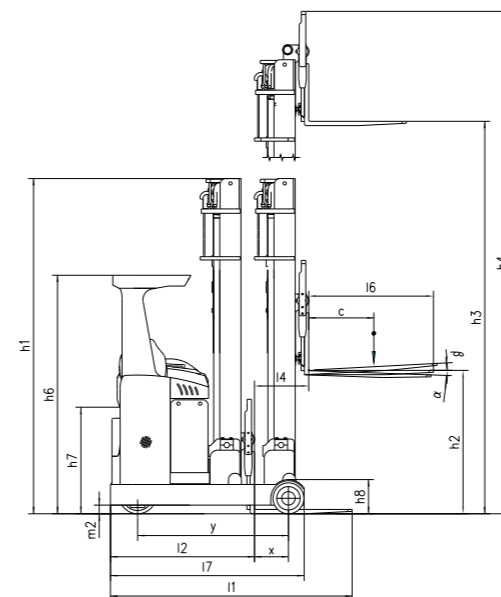
## Option:

- Keypad ignition with PIN CODE, easy to access the management system of truck.
- High solution camera, easy to operate for high fork position.
- Height position offers easier pallet handling at high height position.
- Side way moving battery.
- Provide different option of overhead guard width, have smaller overhead guard can operate in driven- in racking warehouse.

Model	CQD16	
Capacity / rated load	Q(kg)	1600
Max. lift height	h3(mm)	7400/8000/8600/9500
Load centre distance	c(mm)	600
Drive wheel	mm	φ343 x135
Fork wheel	mm	φ285 x 110
Wheels,number front rear(x=driven wheels)		1x/2
Tilt of mast/fork forward/backward	α /β (°)	2 /4°
Height, mast lowered	h <sub>1</sub> (mm)	3890
Free lift	h <sub>2</sub> (mm)	3200
Height, mast extended	h <sub>4</sub> (mm)	10500
Height of overhead guard (cabin)	h <sub>5</sub> (mm)	2200
Seat height / stand height	h <sub>6</sub> (mm)	1050
Height of crura	h <sub>7</sub> (mm)	310
Overall length	l <sub>1</sub> (mm)	2400
Length to face of forks	l <sub>2</sub> (mm)	1320
Overall width	b <sub>1</sub> /b <sub>2</sub> (mm)	1260
Fork dimensions	s/e/l(mm)	35 x 100 x 1070
Reach distance	l <sub>3</sub> (mm)	560
Aisle width for pallets 1000x1200 crossways	A <sub>1</sub> (mm)	2750
Aisle width for pallets 800x1200 lengthways	A <sub>2</sub> (mm)	2810
Turning radius	W <sub>1</sub> (mm)	1640
Travel speed, laden / unladen	Km/h	12
Lift speed, laden / unladen	m/s	0.35/0.51
Lowering speed, laden / unladen	m/s	0.55/0.40
Battery voltage, nominal capacity R5	V/Ah	48/500AH
Battery weight	Kg	880
Battery dimensions l/w/h	mm	1220/344/727
Service weight (with battery)	kg	3600

1KG=2.205LB 1INCH=25.40MM

\* Option: Lithium battery 350AH (Charger 48V/100AH)



Conforms to  
ISO3691-1  
EN1175-1  
EN16307-1

