

# HELI

**GEAR**  
Keeps you going

## CQDH12R Electric Reach Truck

### Characteristics

- Compact structure is specially suit to use in very narrow aisle warehouse.
- Low gravity ensures safety operation.
- Disassemble type platform and protection arm are adopted.
- The hydraulic type multi-valve controls lifting/lowering, fork reach and fork tilting.
- The handle controls the truck forward and backward.
- The mast and the frame are dividable and exchangeable
- The truck features small turning radius and good operation performance.
- Multi function display with BDI and hour meter are adopted.



**AC / EPS**

**Magnetic Valve Control**

## Manufacturer's Data and Technical Characteristics

Characteristics				
1.01	Manufacturer			HELI
1.02	Model			CQDH12R
1.03	Load capacity	Q	kg	1250
1.04	Load centre distance	C	mm	500
1.05	Front overhang,centre of load wheel axle to fork	X	mm	365(double mast)/353(triple mast)
1.06	Driving mode			Stand-on type(optional: electric power steering)
1.07	Wheel base	Y	mm	1295
<b>Tyre</b>				
2.01	Tyre type			Polyurethane
2.02	Wheels,number front rear(x=driven wheels)			1x+2/2
2.03	Tyre size,front		mm	φ250x80+150x62
2.04	Tyre size,rear		mm	φ150x82x2
2.05	Tread front	b10	mm	715
2.06	Tread rear	b11	mm	1050/1110
<b>Dimension</b>				
3.01	lift height	h3	mm	2000/2500/3000/3500/4000/4500/5000/5500
3.02	Height, mast extended	h4	mm	2881/3381/3881/4381/4881/5381/5881/6381
3.03	Height, mast lowered	h1	mm	1603/1853/2103/2353/2603/2163/2323/2483
3.04	Free lift	h2	mm	~ / ~ / ~ / ~ / ~ /1575/1700/1825
3.05	Fork dimensions,thickness/width/length	s/e/l	mm	35/100/1070
3.06	Forks, tilt forward/back		°	2/5
3.07	Overall length	l1	mm	2327/2327/2327/2327/2327/2340/2340/2340
3.08	Length to shank of forks(fork excluded)	l2	mm	1257/1270
3.09	Overall width	b1/b2	mm	1166-1266/950
3.10	Reach distance	l4	mm	500
3.11	Aisle width with pallet 1000Lx1200W	Ast	mm	2731 <sup>1</sup> /2740 <sup>2</sup>
3.12	Aisle width with pallet 1200Lx800W	Ast	mm	2783 <sup>1</sup> /2794 <sup>2</sup>
3.13	Minimum turning radius	R	mm	1658
<b>Performance</b>				
4.01	Travel speed,laden/unladen		Km/h	4.5/5      4.8/5
4.02	Lift speed,laden/unladen		m/s	0.12/0.15
4.03	Lowering speed,laden/unladen		m/s	0.27/0.2
4.04	Gradeability,laden/unladen		%	5/12
<b>Electrical configuration</b>				
5.01	Drive moter power		kw	0.9 DC / (1.2 AC)
5.02	Lifting moter power		kw	3.3
5.03	Battery voltage,nominal capacity (5-hour discharge)		V/Ah	24/320
5.04	Battery dimensions l/w/h		mm	812x270x535
5.05	Brake			Electromagnetic brake
<b>Weight</b>				
6.01	Total weight(with battery)		kg	1800/1800/1850/1900/1900/1950/2000/2050
6.02	Battery weight		kg	285

\*1. For duplex mast 2000-4000mm    2. For triplex mast 4500-5500mm

