



TOP1 FORKLIFT MANUFACTURER AND SALER  
IN CHINA FOR CONSECUTIVE 24 YEARS

# CQDH 12A/15A/20A

## 1.2-2.0T ELECTRIC REACH STACKER

### Advantages

- Compact structure makes it's easy to be used in narrow aisle.
- Stepless speed control, smooth/controllable speed.
- Reach distance up to 500mm.
- Fork can be tilted forward 3 degree or backward 5 degree.
- Intelligentized regenerative brake system.

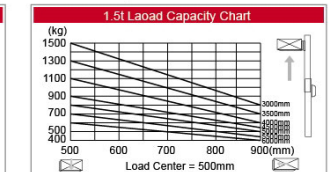
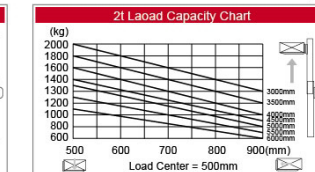
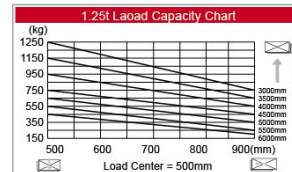
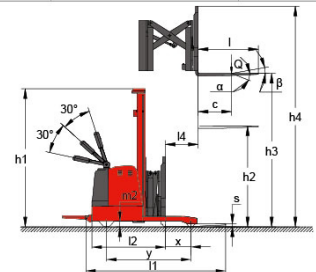
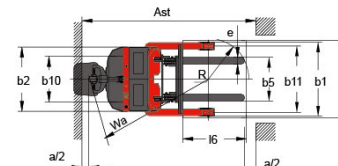
### Options

- Side shift
- Full free lifting mast
- EPS (with vertical driving wheel)



# HELI CQDH12A/15A/20A

Feature			CQDH12A	CQDH15A	CQDH20A
Model					
Drive type			electric	electric	electric
Operation type			standing	standing	standing
Load capacity / rated load	Q	kg	1250	1500	2000
Load centre distance	c	mm	500	500	500
Load distance centre of drive axle to fork	x	mm	375	365	365
Wheelbase	y	mm	1290/1200/1200/1200/1290/1380/1380/1380	1285/1285/1285/1285/1285/1359/1359/1350	1405/1405/1405/1405/1405/1425/1425/1425
<b>Wheels</b>					
Wheels			polyurethane	polyurethane	polyurethane
Tyre size, front		mm	φ250x82-150x65	φ250x82-150x65	φ250x82-150x65
Tyre size, rear		mm	φ128x82x2	φ125x82x4	φ125x82x4
Wheels, number front rear(x=wheels)			1+2+2	1+2+4	1+2+4
Tread, front	b10	mm	670	670	670
Tread, rear	b11	mm	1050-1100	1100-1200	1100-1200
<b>Dimension</b>					
Mast / fork-angle front / rear		°	2/5	2/5	2/5
Height, mast lowered	h1	mm	1635/1885/2135/2385/2635/2235/2395/2560	1640/1890/2140/2390/2640/2200/2360/2520	1640/1890/2140/2390/2640/2200/2360/2520
Free lift	h2	mm	-/-/-/-/-/1575/1700/1825	-/-/-/-/-/1575/1700/1825	-/-/-/-/-/1575/1700/1825
Max. lift height	h3	mm	2000/2500/3000/3500/4000/4500/5000/5500	2000/2500/3000/3500/4000/4500/5000/5500	2000/2500/3000/3500/4000/4500/5000/5500
Height, mast extended	h4	mm	3070/3570/4070/4570/4920/5570/6070/6570	3070/3570/4070/4570/4920/5570/6070/6570	3070/3570/4070/4570/4920/5570/6070/6570
Overall length	l1	mm	2185/2185/2185/2185/2235/2235/2235/2235	2175/2175/2175/2175/2175/2190/2190/2190	2175/2175/2175/2175/2175/2190/2190/2190
Length to face of forks	l2	mm	1125	1125	1250
Overall width	b1/b2	mm	950/1200	1240-1600/950	1250-1600/950
Fork dimensions	s/e/l	mm	50x100x1070	45x100x1070	45x100x1070
Reach distance	l4	mm	500	500	500
Ground clearance, centre of wheelbase	m2	mm	65	50	50
Aisle width for pallets 1000x1200 crossways	Ast	mm	2650/2650/2650/2650/2650/2680/2680	2600/2600/2600/2600/2600/2630/2630	2720/2720/2720/2720/2720/2750/2750/2750
Aisle width for pallets 800x1200 lengthways	Ast	mm	2650/2650/2650/2650/2650/2680/2680	2600/2600/2600/2600/2600/2630/2630	2720/2720/2720/2720/2720/2750/2750/2750
Turning radius	Wa	mm	1750/1750/1750/1750/1750/1780/1780/1780	1700/1700/1700/1700/1700/1730/1730/1730	1800/1800/1800/1800/1800/1830/1830/1830
<b>Performance</b>					
Travel speed, laden/unladen		Km/h	4.5/5 / 4.8/5	4.8/5	4.8/5
Lift speed, laden/unladen		m/s	0.095/0.12	0.095/0.12	0.095/0.12
Lowering speed, laden/unladen		m/s	0.2/0.15	0.2/0.15	0.2/0.15
Gradeability, laden/unladen		%	5/12	5/12	5/12
<b>Electrical configuration</b>					
Service brake			Electromagnetic	Electromagnetic	Electromagnetic
Battery voltage, nominal capacity k5		V/Ah	24/320	24/320(460)	24/450(525)
Battery weight		kg	275	275(300)	325(350)
Battery dimensions		mm	812x270x535	812x270x535	812x324x575
Sound level at the driver's ear acc. To DIN 12053		dB(A)	70	75	75
<b>Weight</b>					
Service weight (with battery)		kg	1370/1405/1440/1470/1500/1570/1570/2070	1350/1350/2100/2150/2150/2250/2330/2420	2430/2430/2450/2500/2500/2600/2680/2750



△ Subtract 150kg with sideshifter (subtract x kg with attachment)



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