

Electric Reach Stacker



Model:
CQDH15A-III
CQDH20A-III

Advantages:

- STRUCTURAL
- Walkie type Reach stacker with very compact design, use middle handle easy to operate.
 - Low gravity, ensure safety operation.
 - Water proof and dust proof motor structure, keeps the braking and motor more durable and reliable.
 - Multi function display with BDI, hour meter and fault code.
 - Vertical driving wheel ensures convenient maintenance and small turning radius.
 - The mast and frame are dividable and exchangeable.
- SAFETY AND EFFICIENCY
- Advanced AC drive motor eliminates replacement of carbon brush, with good ramp starting performance.
 - Use Germany Frei handle to control driving speed, lifting/lowering speed, fork reach and tilting, with optional sideshift.
 - Cylinder have safety explosion proof valve, avoid fork dropping suddenly when oil tube is broken . ensure the safety of operator.
 - Automatic speed deceleration when lifting height is up 1.8M.
 - Mast with micro sensor switch limit the cylinder lifting height, avoid mast shock problems.
 - Low voltage protection setting prolongs the battery life. (when battery capacity is less 20% will stop lifting and available moving)
 - Option EPS power steering system, makes steering more light and reliable.

- SERVICE ABILITY
- Platform and protection arm are disassembled, easy maintenance.
 - The electronic components concentrated simplifies the circuit and makes easily assemble and access.
 - Battery equipped with protect device, the trucks will automatic cut off power when battery is under charging.



AC
EPS



1KG=2.205LB 1INCH=25.40MM						
Features	1.2	Manufacturer's type designation		CQDH15A-III (single scissor)	CQDH20A-III (single scissor)	CQDH20A-III (double scissor)
	1.3	Drive: electric (battery type, mains, ...), diesel, petrol, fuel gas		Electric	Electric	Electric
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker		Standing	Standing	Standing
	1.5	Rated capacity/rated load	Q (kg)	1500(with sideshift 1350)	2000	1000
	1.6	Load centre distance	c (mm)	500	500	500
	1.8	Load distance, centre of drive axle to fork	x (mm)	265	320	175
	1.9	Wheelbase	y (mm)	1388	1471	1471
Tyres	3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane		Polyurethane	Polyurethane	Polyurethane
	3.2	Tyre size, front		Φ250×80	Φ250×80	Φ250×80
	3.3	Tyre size, rear		Φ125x82	Φ125x82	Φ125x82
	3.4	Additional wheels (dimensions)		N/A	Φ150x62	Φ150x62
	3.5	Wheels, number front/rear (× = driven wheels)		1x+4	1x+2/4	1x+2/4
	3.6	Tread, front	b10 (mm)	N/A	612	612
	3.7	Tread, rear	b11 (mm)	1187	1186	1186
Dimensions	4.1	Tilt of mast/fork carriage forward/backward	a/b (°)	2/5	2/5	2/5
	4.2	Height, mast lowered	h1 (mm)	2179/2341/2499	2179/2341/2499	2179/2341/2499
	4.3	Free lift	h2 (mm)	1575/1700/1825	1575/1700/1825	1575/1700/1825
	4.4	Lift	h3 (mm)	4500/5000/5500	4500/5000/5500	4500/5000/5500
	4.5	Height, mast extended	h4 (mm)	5381/5881/6381	5381/5881/6381	5535/6035/6535
	4.7	Height of overhead guard (cabin)	h6 (mm)	N/A	N/A	N/A
	4.9	Height drawbar in driving position min./max.	h14 (mm)	1120/1420	1160/1460	1160/1460
	4.19	Overall length	l1 (mm)	2360	2465	2710
	4.20	Length to face of forks	l2 (mm)	1290	1395	1640
	4.21	Overall width	b1/b2 (mm)	1345/896	1344/896	1344/896
	4.22	Fork dimensions DIN ISO 2331	s / e / l (mm)	35/100/1070	40/100/1070	40/100/1070
	4.23	Fork carriage ISO 2328, class/type A, B		2A	2A	2A
	4.24	Fork-carriage width	b3 (mm)	940	990	990
	4.25	Fork spread	b5 (mm)	200-680	200-760	200-760
	4.26	Distance between wheel arms/loading surfaces	b4 (mm)	1029	1029	1029
	4.28	Reach distance	l4 (mm)	500	500	1200
	4.31	Ground clearance, laden, below mast	m1 (mm)	35	35	35
	4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast (mm)	2705	2850	3063
	4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast (mm)	2772	2910	3143
	Performance Data	4.35	Turning radius	Wa (mm)	1560	1743
4.37		Length across wheel arms	l7 (mm)	1735	1889	1989
5.1		Travel speed, laden/unladen	km/h	6.1/6.1	6.1/6.1	6.1/6.1
5.2		Lift speed, laden/unladen	m/s	0.09/0.12	0.08/0.12	0.08/0.12
5.3		Lowering speed, laden/unladen	m/s	0.2/0.15	0.2/0.15	0.2/0.15
5.4		Reaching speed, laden/unladen	m/s	0.1	0.1	0.1
5.8		Max. gradeability, laden/unladen	%	5/12	5/12	5/12
Motors	5.10	Service brake		Electromagnetic	Electromagnetic	Electromagnetic
	6.1	Drive motor rating S2 60 min	kW	1.5 AC	2.2 AC	2.2 AC
	6.2	Lift motor rating at S3 15%	kW	4.5	4.5	4.5
	6.4	Battery voltage/nominal capacity K ₆	(V)/(Ah) or kWh	24/320	24/350(400)	24/350(400)
	6.5	Battery weight	kg	285	-	-
Additional Data	10.7	Sound pressure level at the driver's seat	dB (A)	75	75	75

