Electric Reach Stacker

Model:
CQDH15A-III
Multi-Valve Control

AC

EPS
option

Advantages:

STRUCTURAL

- Reach stacker with very compact design, have different option with platform or without platform.
- 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, sideshift, fork reach and tilting.
- Cylinder have safety explosion proof valve,to 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 switch limit the cylinder lifting height, avoid mast shock problems.
- Low voltage protection setting prolongs the battery life. (while battery less 20% only can drive no lifting)
- Option EPS power steering system, makes steering more light an reliable.

SERVICE ABILITY

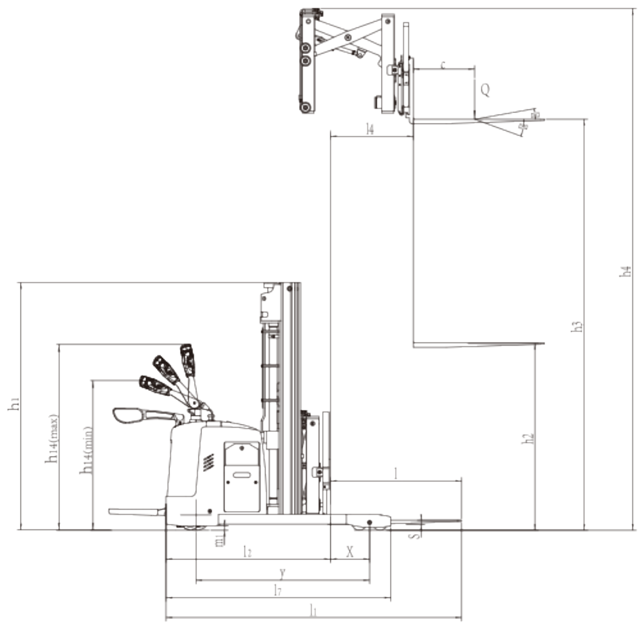
- Platform and protection arm are disassembled, easy maintenance.
- The electronic components concentrated simplifies the circuit and makes easily assemble and access.
- Battery equipped with protect device, the trucks will automatic cut off power will when battery is under charging.

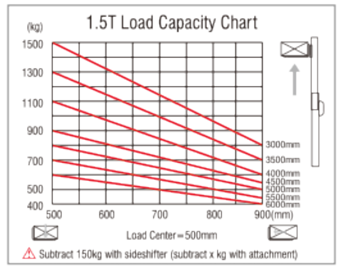
CQDH15A-III with platform

1KG=2.205LB 1INCH=25.40MM

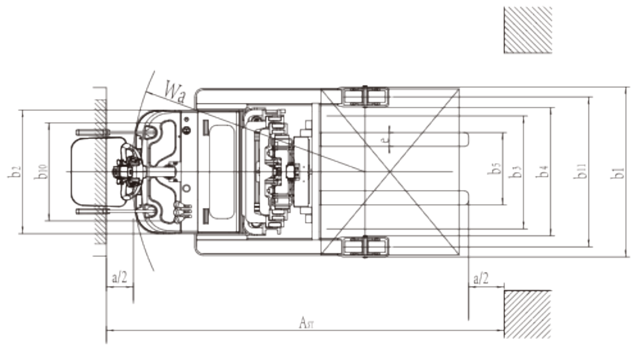
General Information	**1.2**	**Manufacturer's type designition**		**CQDH15A-III (single scissor)**
	1.3	Drive: electric (battery type, mains, ...), diesel, petrol, fuel gas		Electric
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker		Standing
	1.5	**Rated capacity/rated load**	**Q (kg)**	**1500**
	1.6	Load centre distance	c (mm)	500
	1.8	Load distance, centre of drive axle to fork	x (mm)	320
	1.9	Wheelbase	y (mm)	1417
Weight	2.1	Service weight	kg	2515
	2.3	Axle loading, unladen front/rear	kg	1537/978
	2.4	Axle loading, fork advanced, laden front/rear	kg	907/3143
	2.5	Axle loading, fork retracted, laden front/rear	kg	1488/2562
Tyres	3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane		Polyurethane
	3.2	Tyre size, front		Φ250×80
	3.3	Tyre size, rear		Φ125x82
	3.4	Additional wheels (dimensions)		Φ150x62
	3.5	Wheels, number front/rear (× = driven wheels)		1x+2/4
	3.6	Tread, front	b10 (mm)	710
	3.7	Tread, rear	b11 (mm)	1086
Dimensions	4.1	Tilt of mast/fork carriage forward/backward	a/b (°)	2/5
	4.2	Height, mast lowered	h1 (mm)	2179/2341/2499
	4.3	Free lift	h2 (mm)	1575/1700/1825
	4.4	Lift	h3 (mm)	4500/5000/5500
	4.5	Height, mast extended	h4 (mm)	5381/5881/6381
	4.9	Height drawbar in driving position min./max.	h14 (mm)	1160/1460
	4.19	Overall length	l1 (mm)	2411
	4.20	Length to face of forks	l2 (mm)	1341
	4.21	Overall width	b1/b2 (mm)	1344/896
	4.22	Fork dimensions DIN ISO 2331	s / e / l (mm)	35/100/1070
	4.24	Fork-carriage width	b3 (mm)	990
	4.25	Fork spread	b5 (mm)	200-760
	4.26	Distance between wheel arms/loading surfaces	b4 (mm)	929
	4.28	Reach distance	l4 (mm)	500
	4.31	Ground clearance, laden, below mast	m1 (mm)	35
	4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast (mm)	2796
	4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast (mm)	2856
	4.35	Turning radius	Wa (mm)	1689
	4.37	Length across wheel arms	l7 (mm)	1835
Performance Data	5.1	Travel speed, laden/unladen	km/h	6.1/6.1
	5.2	Lift speed, laden/unladen	m/s	0.09/0.12
	5.3	Lowering speed, laden/unladen	m/s	0.2/0.15
	5.4	Reaching speed, laden/unladen	m/s	0.1
	5.8	Max. gradeability, laden/unladen	%	5/12
	5.10	Service brake		Electromagnetic
Motors	6.1	Drive motor rating S2 60 min	kW	1.5 AC
	6.2	Lift motor rating at S3 15%	kW	4.5
	6.4	Battery voltage/nominal capacity K5	(V)/(Ah) or kWh	24/280
	6.5	Battery weight	kg	285
Addtional Data	10.7	Sound pressure level at the driver's seat	dB (A)	75

*** Option: Li-ion Lithium battery 230AH (Charger 24V/100A)**





CQDH15A-III (single scissor)



Electric Pallet Truck
Electric Stacker
Order Picker
Narrow Aisle Truck
Electric Tow Tractor
Hand Pallet Truck
Manual Stacker
Lift Table