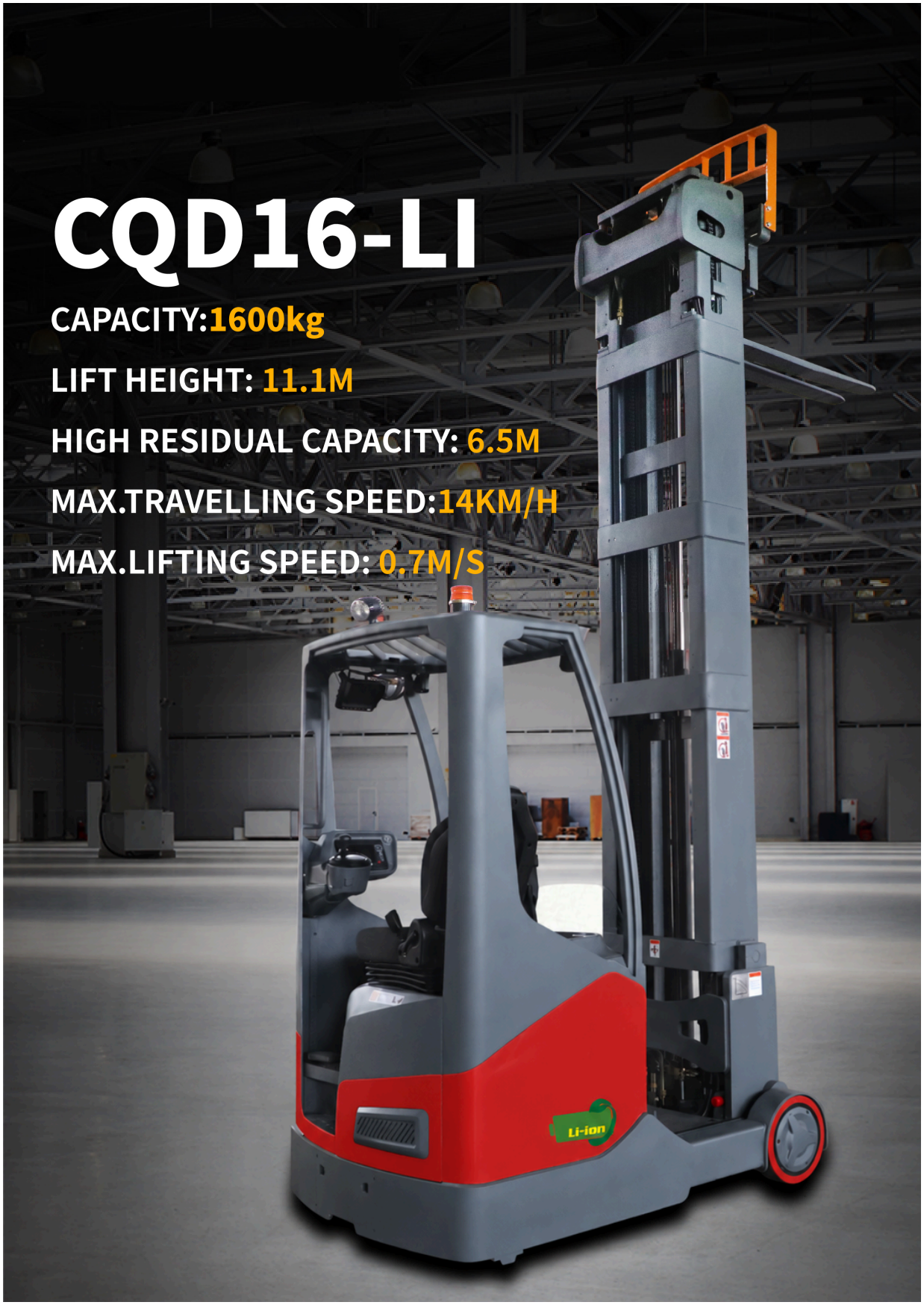


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Comfortable Experience



1



Adjustable steering wheel to insure the operator best experience during working

2



Finger-tip operation

3



Luxury seats adopted, with adjustable seat back angle and adjustable seat positions, front and rear ,with shock absorption function

4



Multi-functional Instruments
- Big and color-screen display, shows speed, operation mode, working hours, battery status, wheel angle, fault code and so on
- Touchable screen, easy operation
- Height-positioning system
- Unlock with password or card

5



The seat cover can be easily opened for maintenance and repair

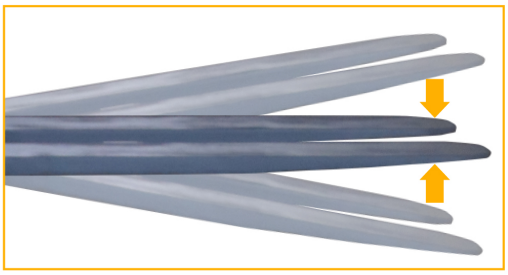
6



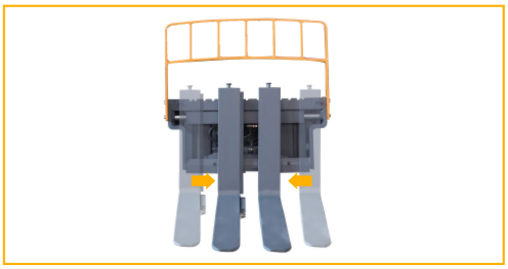
The operation platform can be adjustable to meet all operators
- 4-direction
- Up & down
- Front & back

7





1) Horizontal fork function
It' s often difficult to make the fork tilt position to detect, especially at the high level.
The automatic horizontal positioning helps to simplify to come into and out pallet



2) One click centering
No matter which position of sideshift is, just one click, it will be centering automatically

8





Additional camera system helps more clear and convenient to load and unload the pallet

Super Compact Design

Every detail has been carefully considered to better meet the needs of users

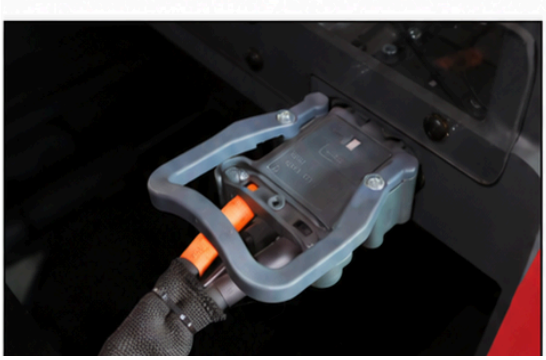






Environment friendly, powerful and high efficiency

Adopt 80v voltage system to ensure the long working time, fast charging and less energy loss



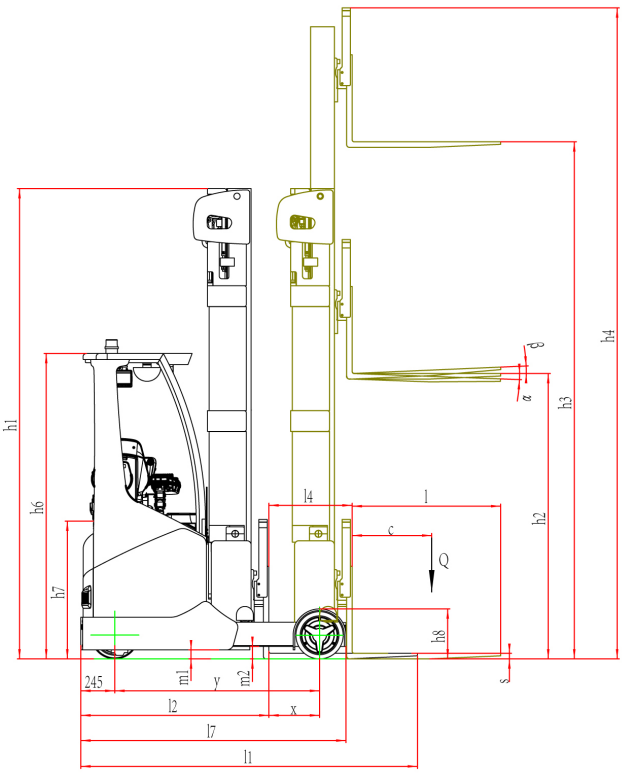


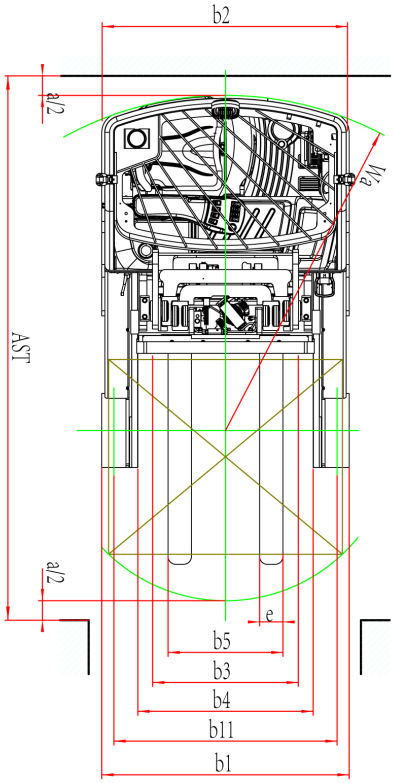
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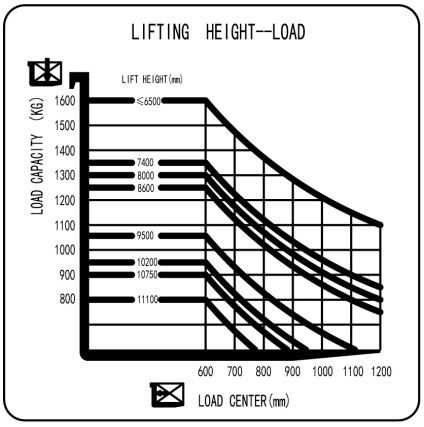
Manufacturer's type designition			CQD16-Li	
Features	1.3	Drive: electric (battery type, mains, ...), diesel, petrol, fuel gas		Electric
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker		Seated
	1.5	Rated capacity/rated load	Q(kg)	1600
	1.6	Load centre distance	c(mm)	600
	1.8	Load distance, centre of drive axle to fork	x(mm)	370
	1.9	Wheelbase	Y(mm)	1475
Weight	2.1	Service weight	kg	see below table
	2.3	Axle loading, unladen front/rear	kg	
	2.4	Axle loading, fork advanced, laden front/rear	kg	
	2.5	Axle loading, fork retracted, laden front/rear	kg	
Tyres	3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane		Polyurethane
	3.2	Tyre size, front	mm	343x140
	3.3	Tyre size, rear	mm	340x114
	3.5	Wheels, number front/rear (× = driven wheels)		1x/2
	3.7	Tread, rear	b11(mm)	1146
Dimensions	4.1	Tilt of mast/fork carriage forward/backward	α/β(°)	2/4
	4.2	Height, mast lowered	h1(mm)	see below table
	4.3	Free lift	h2(mm)	
	4.4	Lift	h3(mm)	
	4.5	Height, mast extended	h4(mm)	
	4.7	Height of overhead guard (cabin)	h6(mm)	2200
	4.8	Seat height relating to SIP/stand height	h7(mm)	1100
	4.1	Tilt of mast/fork carriage forward/backward	h8(mm)	360
	4.19	Overall length	l1(mm)	2420
	4.2	Height, mast lowered	l2(mm)	1350
	4.21	Overall width	b1lb2(mm)	1270
	4.22	Fork dimensions DIN ISO 2331	s/e/l(mm)	40/100/1070
	4.23	Fork carriage ISO 2328, class/type A, B		2B
	4.24	Fork-carriage width	b3(mm)	891
	4.25	Fork spread	b5(mm)	730
	4.26	Distance between wheel arms/loading surfaces	b4(mm)	900
	4.28	Reach distance	l4(mm)	600
	4.31	Ground clearance, laden, below mast	m1(mm)	98
	4.32	Ground clearance, centre of wheelbase	m2(mm)	65
	4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast(mm)	2790
	4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast(mm)	2840
	4.35	Turning radius	Wa(mm)	1720
	4.37	Length across wheel arms	l7(mm)	1910
Performance Data	5.1	Travel speed, laden/unladen	Km/h	14/14
	5.2	Lift speed, laden/unladen	m/s	0.5/0.7
	5.3	Lowering speed, laden/unladen	m/s	0.55/0.5
	5.4	Reaching speed, laden/unladen	m/s	0.15/0.15
	5.7	Gradeability, laden/unladen	%	10/15
	5.8	Max. gradeability, laden/unladen	%	10/15
Motors	6.1	Drive motor rating S2 60 min	kW	11
	6.2	Lift motor rating at S3 15%	kW	20
	6.4	Battery voltage/nominal capacity K5	V/Ah	80V250Ah
	6.5	Battery weight（±5%）	kg	365
Others	10.1	Operating pressure	bar	160
	10.7	Sound pressure level at the driver's ear	dB(A)	65

CQD16-LI

CQD16-Li	Lift height	h3(mm)	5000	6200	7400	8000	8600	9500	10200	10750	11100
	Residual capacity@Max.lift height	kg	1600	1600	1350	1300	1250	1050	950	900	800
	Height, mast lowered	h1(mm)	2348	2748	3198	3398	3598	3898	4200	4383	4500
	Free lifting(with overhead guard)	h2(mm)	1383	1783	2233	2433	2633	2933	3235	3418	3535
	Free lifting(without overhead guard)		1636	2036	2536	2736	2936	3236	3516	3700	3816
	Height, mast extended	h4(mm)	5965	7165	8365	8965	9565	10465	11165	11715	12065







Load Capacity chart **With battery 1136x340x520mm（250Ah）**						
	LC=600mm	LC=700mm	LC=800mm	LC=900mm	LC=1000mm	LC=1100mm
Lift height (mm)	**Residual Capacity (kg),** with integral sideshift					
≤6500	1600	1425	1290	1175	1080	1000
7400	1350	1205	1085	990	910	845
8000	1300	1160	1045	955	875	810
8600	1250	1115	1005	920	845	780
9500	1050	935	845	770	710	655
10200	950	845	765	700	640	595
10750	900	800	725	660	610	560
11100	800	715	645	585	540	500

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