

Electric Reach Stacker 2.0T

CQD20L

Distinguishing mark				
1.1	Manufacturer			EP
1.2	Model designation			CQD20L
1.3	Drive unit			Battery
1.4	Operator type			seated
1.5	rated capacity	Q	t	2
1.6	Load center distance	c	mm	600
1.9	Wheelbase	y	mm	1515
Weight				
2.1	Service weight (include battery)		kg	3510①
2.2	Axle loading, fork advanced, unladen driving side/loading side		kg	-
2.3	Axle loading, fork retracted, unladen driving side/loading side		kg	2210/1320
2.4	Axle loading, fork advanced, laden driving side/loading side		kg	470/5060
2.5	Axle loading, fork retracted, laden driving side/loading side		kg	1870/3620
Types,Chassis				
3.1	Tyre type driving wheels/loading wheels			polyurethane
3.2	Tyre size, driving wheels (diameter×width)		mm	Φ343×140
3.3	Tyre size, loading wheels (diameter×width)		mm	Φ310×118
3.4	Tyre size, caster wheels (diameter×width)		mm	Φ102×51
3.5	Wheels, number driving, caster/loading (x=drive wheels)			1x/2
3.6	Track width, front, driving wheels	b10	mm	0
3.7	Track width, rear, loading wheels	b11	mm	1148
Dimensions				
4.1	Tilt of mast/fork carriage forward/backward	α/ β	°	2/4
4.2	Height, mast lowered	h1	mm	3219②
4.3	Free lift (load backrest)	h2	mm	1712②
4.4	Lift height	h3	mm	7500②
4.5	Height, mast extended	h4	mm	8565②
4.7	Height of overhead guard (cabin)	h6	mm	2213
4.8	Seat height/standing height	h7	mm	1076
4.10	Height of wheel arms	h ₈	mm	333
4.19	Overall length (minimum)	l1	mm	2463
4.20	Length to face of forks	l2	mm	1393
4.21	Overall width	b1/ b2	mm	1260/1270
4.22	Fork dimensions	s/ e/ l	mm	40×120×1070
4.23	Fork carriage class/type A, B			2A
4.24	Fork carriage width	b3	mm	990
4.25	Distance between fork-arms	b5	mm	240-770
4.26	Distance between wheel arms/loading surfaces	b4	mm	915
4.28	Reach distance	l ₄	mm	585
4.31	Ground clearance, laden, below mast	m1	mm	60
4.32	Ground clearance, center of wheelbase	m2	mm	75
4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast	mm	2835
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	2885
4.35	turning radius	Wa	mm	1770
4.37	Length across wheel arms (exclusive fork)	l ₇	mm	1948
Performance data				
5.1	Travel speed, laden/ unladen		km/ h	10/11
5.2	Lifting speed, laden/ unladen		m/ s	0.38/0.55
5.3	Lowering speed, laden/ unladen		m/ s	0.41/0.38
5.4	Reaching speed, laden / unladen		m/ s	0.18/0.18
5.8	Max. gradeability, laden/unladen		%	10/15
5.10	Service brake type			Electronic
	Park brake type			Electromagnetic
Electric-engine				
6.1	Drive motor rating S2 60 min		kW	7
6.2	Lift motor rating at S3 15%		kW	20
6.3	The maximum allowed size battery		mm	928×378×708
6.4	Battery voltage/nominal capacity K5		V/ Ah	48/360④
6.5	Battery weight		kg	350④
Addition data				
8.1	Type of drive unit			AC
10.5	Steering type			Electronic
10.7	Sound pressure level at the driver's ear		dB (A)	75

If there are improvements of technical parameters or configurations, no further notice will be given.
The diagram shown may contain non-standard configurations.

Electric Reach Stacker 1.6T

CQD16L

Distinguishing mark				
1.1	Manufacturer			EP
1.2	Model designation			CQD16L
1.3	Drive unit			Battery
1.4	Operator type			seated
1.5	rated capacity	Q	t	1.6
1.6	Load center distance	c	mm	600
1.9	Wheelbase	y	mm	1474
Weight				
2.1	Service weight (include battery)		kg	2840①
2.2	Axle loading, fork advanced, unladen driving side/loading side		kg	-
2.3	Axle loading, fork retracted, unladen driving side/loading side		kg	1840/1060
2.4	Axle loading, fork advanced, laden driving side/loading side		kg	470/4060
2.5	Axle loading, fork retracted, laden driving side/loading side		kg	1500/3040
Types, Chassis				
3.1	Tyre type driving wheels/loading wheels			polyurethane
3.2	Tyre size, driving wheels (diameter×width)		mm	Φ260×105
3.3	Tyre size, loading wheels (diameter×width)		mm	Φ254×114
3.4	Tyre size, caster wheels (diameter×width)		mm	Φ102×51
3.5	Wheels, number driving, caster/loading (x=drive wheels)			1x/2
3.6	Track width, front, driving wheels	b10	mm	0
3.7	Track width, rear, loading wheels	b11	mm	974
Dimensions				
4.1	Tilt of mast/fork carriage forward/backward	α/ β	°	2/4
4.2	Height, mast lowered	h1	mm	2780②
4.3	Free lift (load backrest)	h2	mm	1522②
4.4	Lift height	h3	mm	6500②
4.5	Height, mast extended	h4	mm	7535②
4.7	Height of overhead guard (cabin)	h6	mm	2153
4.8	Seat height/standing height	h7	mm	1050
4.10	Height of wheel arms	h8	mm	277
4.19	Overall length (minimum)	l1	mm	2434③
4.20	Length to face of forks	l2	mm	1330③
4.21	Overall width	b1/ b2	mm	1080/1090
4.22	Fork dimensions	s/ e/ l	mm	40×100×1070
4.23	Fork carriage class/type A, B			2A
4.24	Fork carriage width	b3	mm	872③
4.25	Distance between fork-arms	b5	mm	200-655③
4.26	Distance between wheel arms/loading surfaces	b4	mm	750
4.28	Reach distance	l4	mm	590③
4.31	Ground clearance, laden, below mast	m1	mm	80
4.32	Ground clearance, center of wheelbase	m2	mm	70
4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast	mm	2789③
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	2840③
4.35	turning radius	Wa	mm	1720
4.37	Length across wheel arms (exclusive fork)	l7	mm	1870
Performance data				
5.1	Travel speed, laden/ unladen		km/ h	9/9.3
5.2	Lifting speed, laden/ unladen		m/ s	0.35/0.55
5.3	Lowering speed, laden/ unladen		m/ s	0.55/0.5
5.4	Reaching speed, laden / unladen		m/ s	0.15/0.15
5.8	Max. gradeability, laden/unladen		%	8/10
5.10	Service brake type			Electronic
	Park brake type			Electromagnetic
Electric-engine				
6.1	Drive motor rating S2 60 min		kW	4
6.2	Lift motor rating at S3 15%		kW	11.75
6.3	The maximum allowed size battery		mm	1030×353×630
6.4	Battery voltage/nominal capacity K5		V/ Ah	48/360④
6.5	Battery weight		kg	450④
Addition data				
8.1	Type of drive unit			AC
10.5	Steering type			Electronic
10.7	Sound pressure level at the driver's ear		dB (A)	75

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