

Characteristics						
1.1	Manufacturer			EP		
1.2	Model designation			CQD16RVH	CQD16RV	CQD16RVF
1.3	Drive unit			Battery	Battery	Battery
1.4	Operator type			Rider seated	Rider seated	Rider seated
	steering			Electric power steering		
1.5	Load capacity	Q	kg	1600	1600	1600
1.7	Load center	c	mm	600	600	600
1.8	Wheelbase	b11	mm	1160	1160	1160
1.9	Load distance	y	mm	1470	1470	1470
Weights						
2.1	Service weight (Incl. battery)		kg	3020	3070	3070
Wheels, Chassis						
3.1	Tyre type			PU/ PU	PU/ PU	PU/ PU
3.2	Tyre size, operator side		mm	φ343×140	φ343×140	φ343×140
3.3	Tyre size, load side		mm	φ285×108	φ285×108	φ285×108
3.5	Wheels, number front/ rear (x=drive wheels)			2/1x	2/1x	2/1x
Dimensions						
4.1	Mast/ fork carriage tilt, forward/ backward	α/β	%	3/6	3/6	3/6
4.2	Height, mast lowered	h1	mm	2130	2130	2130
4.3	Free lift	h2	mm	120	120	120
4.4	Lift height	h3	mm	3000	3000	3000
4.5	Height, mast extended	h4	mm	4065	4065	4065
4.7	Height of overhead guard (cabin)	h6	mm	2200	2200	2200
4.8	Seat height	h7	mm	1100	1100	1100
4.19	Overall length	l1	mm	2302/2372	2302/2372	2302/2372
4.20	Length to face of forks	l2	mm	1382	1382	1382
4.21	Overall width	b1	mm	1270	1270	1270
4.26	Width between straddle arms	b4	mm	917	917	917
4.27	Outside fork width, minimum/ maximum	b5	mm	200-760	200-760	200-760
4.28	Reach distance	l4	mm	See Table A		
4.31	Ground clearance, laden, below mast	m1	mm	55	55	55
4.32	Ground clearance, center of wheelbase	m2	mm	60	60	60
4.33	Aisle width, 1000×1000 pallet crossways	Ast	mm	2580/2650	2580/2650	2580/2650
4.34	Aisle width, 1200×1200 pallet lengthways	Ast	mm	2780/2850	2780/2850	2780/2850
4.35	Outer turning radius	Wa	mm	1705/1775	1705/1775	1705/1775
Performance						
5.1	Travel speed, laden/ unladen		km/h	10/11		
5.2	Lifting speed, laden/ unladen		mm/s	300/450		
5.4	Reach speed, laden/unladen		mm/s	100		
5.7	Maximum gradeability, laden/ unladen S2 5 min.		%	10/15		
5.1	Service brake			hydraulic/electric		
Drive						
6.1	Drive motor rating S2 60 min.		kW	6.4		
6.2	Lift motor rating at S3 15%		kW	8.6	8.6	8.6
	Lift system			DC	AC	AC
6.3	Control valve			manual		electric
6.4	Battery voltage/ rated capacity (5h)		Ah/V	420/48	500/48	500/48
6.5	Battery weight (with box)		kg	745	796	796
Others						
8.1	Type of drive control			AC ZAPI	AC ZAPI	AC ZAPI
8.2	Operating pressure for attachment		bar	20	20	20
8.4	Sound level at operator's ear		dB (A)	68	68	68

1. Special lifting height available.

2. The specification in the table are for standard models only. For further information please contact us.

3. Specification are subject to change without notice.

4. CQD16RVF is equipped with finger tip, electronic proportional valve.