



CQD16NRVF/CQD16NRV/CQD16RVF
CQD16RV/CQD20RVF/CQD20RV
Electric Sit-down Reach Truck 1.6/2.0t

- Up to 11M Stacking Height Makes It Possible to Carry Out Order Picking at High Position with Great Intensity;
- International Quality Components;
- Ergonomics Design, Comfortable and Efficient



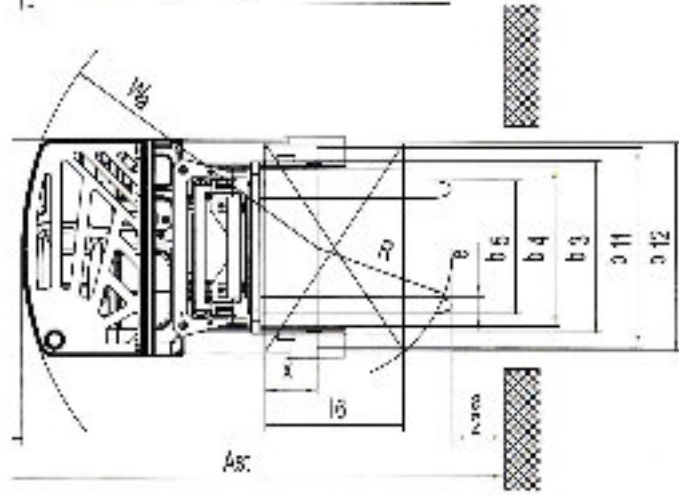
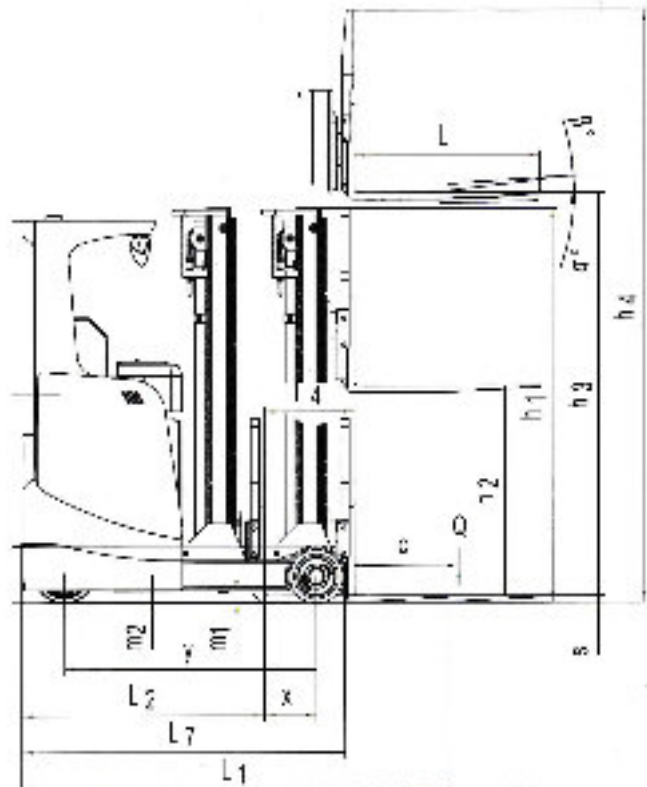
Macneill Engineering Limited

Electric Reach Truck 1.6t

CQD16NRVF/CQD16NRV/CQD16RVF CQD16RV/CQD20RVF/CQD20RV

General information		EF					
Model designation		CQD16NRVF	CQD16NRV	CQD16RVF	CQD16RV	CQD20RVF	CQD20RV
1.1	Motor voltage	24V					
1.2	Drive unit	Electric					
1.3	Operator type	Seat					
1.4	Load capacity	C	I	10		2	
1.5	Load center distance	c	mm	900			
1.6	Wheelbase	w	mm	1454	1454 (1)	1621 (1)	
Weight							
2.1	Service weight (incl. battery)	kg	3070 (1)		2540 (1)	2915 (1)	
2.2	Assembling (incl. assembled, incl. driver seat) service weight	kg	1720/1810				
2.3	Assembling (incl. assembled, incl. driver seat) service weight	kg	1930/1920				
2.4	Assembling (incl. assembled, incl. driver seat) service weight	kg	923/882				
2.5	Assembling (incl. assembled, incl. driver seat) service weight	kg	1640/1670				
Wheel							
3.1	Tyre type (incl. prefabricated tyre width)	Poly urethane					
3.2	Tyre width (incl. prefabricated tyre width)	mm	345x110				
3.3	Tyre width (incl. wheel) (incl. tyre width)	mm	310x50		310x115 (1)		
3.4	Tyre width (incl. wheel) (incl. tyre width)	mm	-				
3.5	Wheels (number (incl. spare) (incl. loading (incl. tyre width))		1x 2		1x 2 (1)		
3.6	Track width (incl. tyre width)	b ₁	mm	0			
3.7	Track width (incl. tyre width)	b ₂	mm	1100	1140 (1)		
Dimensions							
4.1	Til. of mast (incl. counter force) (incl. mast)	α/β	°	20			
4.2	Height (incl. mast)	h	mm	2170 (1)			
4.3	Free lift (incl. load backrest)	h ₁	mm	170 (1)			
4.4	Lift height	h ₂	mm	3070 (1)			
4.5	Height (incl. mast)	h ₃	mm	3760 (1)			
4.6	Height (incl. mast) (incl. load backrest)	h ₄	mm	2510			
4.7	Seat height (incl. seat) (incl. seat)	h ₅	mm	1270			
4.8	Height (incl. mast)	h ₆	mm	207			
4.9	Overall length (incl. mast)	l	mm	2700 (1)	2470 (1)		
4.10	Length (incl. mast)	l ₁	mm	1450 (1)	1450 (1)		
4.11	Overall width	b (1)	mm	1150/1200	1200/1270 (1)		
4.12	Front overhang	a (1)	mm	670/500/670		670/500/670	
4.13	Carriage diameter (type A, B)		mm	A			
4.14	Carriage width	b ₁	mm	860			
4.15	Distance between forks	b ₂	mm	200/270		240/270	
4.16	Distance between wheel axle (incl. loading platform)	b ₃	mm	850		815	
4.17	Wheel distance	l	mm	1750 (1)	1670 (1)		
4.18	Ground clearance (incl. mast) (incl. mast)	m ₁	mm	70			
4.19	Ground clearance (incl. mast) (incl. mast)	m ₂	mm	70 (1)			
4.19.1	Axis width (incl. mast) (1000 x 1200 lengthways)	A ₁	mm	2050 (1)	2050 (1)		
4.19.2	Axis width (incl. mast) (1000 x 1200 lengthways)	A ₂	mm	2050 (1)	2050 (1)		
4.20	Wheel offset	S ₁	mm	1200	1200 (1)		
4.21	Length across wheel axle (incl. mast) (incl. mast)	l ₂	mm	1300	1300 (1)		
Performance data							
5.1	Rise speed, (incl. mast)	km/h	10 (1)		8/8.5		
5.2	Lowering speed, (incl. mast)	km/h	0.3/0.45		0.3/0.45		
5.3	Lowering speed, (incl. mast)	km/h	0.3/0.35		0.3/0.35		
5.4	Lowering speed, (incl. mast)	km/h	0.3/0.3				
5.5	Max. gradient (incl. mast)	%	10 (1)				
5.19	Service brake type	Electric/magnetic			Electric/magnetic		
Service brake lock		Electric/magnetic					
Electrical							
6.1	Line main rating (10/20 min)	kVA	6.7				
6.2	Line main rating (10/20 min)	kVA	11				
6.3	Line main rating (incl. mast)	mm	1200/1000/770	1200/1000/770			1200/1000/770
6.4	Supply to load (incl. mast) (incl. mast)	V/Oh	100/100				
6.5	Battery weight	kg	1070 (1)	970 (1)		970 (1)	
Consumption							
7.1	Power consumption	W	40				
7.2	Sound pressure level at the driver's ear	dB(A)	70				

1 The parameters in the table are of the standard model. For more information please contact us.
2 The parameters are subject to change without notice.



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Dimensions (mm)

Model	COD10			COD15			COD20		
	h ₁ 7m	h ₂ 7m	h ₃ 7m	h ₁ 7m	h ₂ 7m	h ₃ 7m	h ₁ 7m	h ₂ 7m	h ₃ 7m
Roller capacity	1464	1464	1464	1524	1524	1524	1624	1624	1624
Wheelbase	2902	2902	2902	2472	2472	2472	2408	2408	2408
Overall length (incl. front)	1432	1432	1432	1402	1402	1402	1418	1418	1418
Length to axis of fork	475	450	450	520	520	520	500	500	500
Reach distance	2050	2070	2070	2047	2047	2047	2063	2063	2063
Aside width for pallets 1000 x 1200 (maximum)	2810	2810	2810	2814	2814	2814	2817	2817	2817
Aside width for pallets 800 x 1200 (maximum)	2681	2681	2681	2682	2682	2682	2683	2683	2683
Aside width for pallets 600 x 1200 (maximum)	2773	2773	2773	2688	2688	2688	2725	2725	2725
Turning radius	1005	1005	1005	1170	1170	1170	1170	1170	1170
Length across wheel arms (incl. tow bar)	1305	1305	1305	1305	1305	1305	1305	1305	1305

Notes: (1) for electric forklift; (2) for diesel forklift.

Service weight (include battery)	COD15N 2-stage mast			COD15N 3-stage mast			COD20N 3-stage mast		
	h ₁ 7m	h ₂ 7m	h ₃ 7m	h ₁ 7m	h ₂ 7m	h ₃ 7m	h ₁ 7m	h ₂ 7m	h ₃ 7m
3000	3070	2940	2945	3070	2940	2945	3070	2940	2945
3300	3100	2970	2975	3100	2970	2975	3100	2970	2975
3600	3130	3000	3005	3130	3000	3005	3130	3000	3005
4000	3160	3030	3035	3160	3030	3035	3160	3030	3035
4300	3190	3060	3065	3190	3060	3065	3190	3060	3065
4600	3220	3090	3095	3220	3090	3095	3220	3090	3095
5000	3250	3120	3125	3250	3120	3125	3250	3120	3125
5400	3280	3150	3155	3280	3150	3155	3280	3150	3155
6000	3310	3180	3185	3310	3180	3185	3310	3180	3185

Service weight (include battery)	COD15N 2-stage mast (2750mm)			COD15N 3-stage mast (2750mm)			COD20N 3-stage mast (2750mm)		
	h ₁ 7m	h ₂ 7m	h ₃ 7m	h ₁ 7m	h ₂ 7m	h ₃ 7m	h ₁ 7m	h ₂ 7m	h ₃ 7m
3000	3070	2940	2945	3070	2940	2945	3070	2940	2945
3300	3100	2970	2975	3100	2970	2975	3100	2970	2975
3600	3130	3000	3005	3130	3000	3005	3130	3000	3005
4000	3160	3030	3035	3160	3030	3035	3160	3030	3035
4300	3190	3060	3065	3190	3060	3065	3190	3060	3065
4600	3220	3090	3095	3220	3090	3095	3220	3090	3095
5000	3250	3120	3125	3250	3120	3125	3250	3120	3125
5400	3280	3150	3155	3280	3150	3155	3280	3150	3155
6000	3310	3180	3185	3310	3180	3185	3310	3180	3185

Notes: (1) for electric forklift; (2) for diesel forklift.

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Model	QCD16A	QCD16	QCD20
Capacity (kg)	3HP-S 400	4HP2S 500	4HP2S 600
Rated weight (kg)	275	300	360
	74.5	82.5	90.5
	92.5	93.5	92.5
	111.5	50.5	114

Parameter	QCD16A	QCD16	QCD20	QCD20R
Maximum capacity	4000 (kg)	4000 (kg)	4000 (kg)	4000 (kg)
Rated capacity (kg)	300	300	360	360
Centre of gravity (mm)	275	300	360	360
Weight (kg)	74.5	82.5	90.5	92.5
Height (mm)	111.5	50.5	114	114
Width (mm)	400	400	400	400
Depth (mm)	400	400	400	400
Material	Steel	Steel	Steel	Steel
Finish	Paint	Paint	Paint	Paint
Accessories	Standard	Standard	Standard	Standard
Options	Standard	Standard	Standard	Standard

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RATED CAPACITIES GRAPH

