

LGMG ELECTRIC COUNTERBALANCED FORKLIFT



SPECIFICATIONS

MODELS		CPD16	CPD20
Drive:electric	/	Electric	
Type of operation	/	Seated	
Load capacity/rated load	Q(kg)	1600	2000
Load centre distance	c(mm)	500	
Load distance,centre of drive axle to fork	x(mm)	381	386
Wheelbase	y(mm)	1450	1450
Weights			
Service weight incl. battery	kg	2940	3180
Axle loading,laden front/rear	kg	4050/490	4670/510
Axle loading,unladen front/rear	kg	1320/1620	1460/1720
Wheels, Chassis			
Type:solid,pneumatic	/	Solid rubber/Pneumatic	
Tyres size,front	/	18X7-8	
Tyres size,rear	/	5.00-8-10PR	
Wheels,number front'rear(×=driven wheels)	/	2×/2	
Track width,front	b10(mm)	980	
Track width,rear	b11(mm)	920	
Basic Dimensions			
Mast/fork carriage tilt forward/backward	$\alpha / \beta(^{\circ})$	6/10	
lowered mast height	h1(mm)	2053	
Free lift	h2(mm)	130	
Lift height	h3(mm)	3000	
Extended mast height	h4(mm)	3982	
Height of overhead guard	h6(mm)	2075	
Seat height	h7(mm)	1065	
Coupling height	h10(mm)	530	
Overall length	l1(mm)	3050	3200
Length to face of forks	l2(mm)	2130	
Overall width	b1(mm)	1150	
Fork dimensions	s/e/l(mm)	35/100/920	40/120/1070
Fork carriage width	b3(mm)	1040	
Ground clearance ,laden,under mast	m1(mm)	98	
Ground clearance,centre of wheelbase	m2(mm)	100	
Aisle width for pallets 1000×1200 crossways	Ast(mm)	3571	3576
Aisle width for pallets 800×1200 lengthways	Ast(mm)	3771	3776
Turning radius	Wa(mm)	1990	
Performance Data			
Travel speed,laden/unladen	km/h	12/13	11/13
Lift speed,laden/unladen	m/s	0.27/0.35	0.25/0.35
lowering speed,laden/unladen	m/s	0.52/0.42	
Max.Gradient performance,laden/unladen S2 5 min	%	12/15	12/15
Service brake	/	Hydraulic	
E-Motor			
Drive motor rating S2 60 min	kw	6.8	
Lift motor rating at S3 15%	kw	8.6	
Battery standard	/	Lion	
Battery voltage,nominal capacity K5	V/Ah	Li:51.2/206(277/412)	
Battery dimensions l/w/h	mm	975/530/628	975/530/628
Other Details			
Type of drive control	/	AC	
Operating pressure for attachments	Mpa	14.5	
Oil volume for attachments	l/min	30	
Sound level at driver's ear according to EN 12 053	dB(A)	72	

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Designation	Lift height	Free Lift	Closed mast height	Extended mast height	Tilt forward/backward	Capacity table(kg) C=500mm without sideshift, single pneumatic tyres	
	h3(mm)	h2(mm)	h1(mm)	h4 (mm)	$\alpha / \beta(^{\circ})$	CPD16	CPD20
Two-stage ZT	2500	110	1803	3482	6/10	1600	2000
	2700	110	1903	3682	6/10	1600	2000
	3000	110	2053	3982	6/10	1600	2000
	3300	110	2203	4282	6/10	1600	2000
	3500	110	2303	4482	6/10	1600	2000
	3700	110	2403	4682	6/10	1600	1900
	4000	110	2603	4982	6/6	1500	1800
	4300	110	2753	5282	6/6	1400	1600
	4500	110	2853	5482	6/6	1350	1500
	5000	110	3128	5982	6/6	900	1100
Two-stage ZZ	2500	853	1803	3482	6/10	1600	2000
	2700	953	1903	3682	6/10	1600	2000
	3000	1103	2053	3982	6/10	1600	2000
	3300	1253	2203	4282	6/10	1600	2000
	3500	1353	2303	4482	6/10	1600	2000
	3700	1453	2403	4682	6/10	1600	1900
	4000	1653	2603	4982	6/6	1500	1800
Three-stage DZ	4000	1033	1978	4982	6/6	1500	1800
	4350	1153	2103	5282	6/6	1400	1600
	4500	1203	2153	5482	6/6	1300	1500
	4800	1303	2253	5782	6/6	1000	1200
	5000	1403	2353	5982	6/6	900	1100
	5500	1553	2503	6482	3/6	800	900
	6000	1753	2703	6980	3/6	700	800

