

LGMG ELECTRIC COUNTERBALANCED FORKLIFT



SPECIFICATIONS

MODELS		CPD50
Drive:electric(battery or mains),diesel,petrol gas>manual)	/	Electric
Type of operation(hand,pedestrian,standing,seated,order-picker)	/	Seated
Load capacity/rated load	Q(kg)	5000
Load centre distance	c(mm)	500
Load distance,centre of drive axle to fork	x(mm)	563
Wheelbase	y(mm)	1950
Weights		
Service weight incl. battery	kg	6950
Axle loading,laden front/rear	kg	10610/1360
Axle loading,unladen front/rear	kg	2750/4200
Wheels, Chassis		
Type:solid,polyurethane	/	Solid
Tyres size,front	/	250-15
Tyres size,rear	/	23×9-10
Wheels,number front/rear(x=driven wheels)	/	2×/2
Track width,front	b10(mm)	1200
Track width,rear	b11(mm)	1125
Basic Dimensions		
Mast/fork carriage tilt forward/backward	$\alpha / \beta(^{\circ})$	6/10
lowered mast height	h1(mm)	2250
Free lift	h2(mm)	150
Lift height	h3(mm)	3000
Extended mast height	h4(mm)	4117
Overhead load guardheight	h6(mm)	2265
Seat height/standing height	h7(mm)	1130
Coupling height	h10(mm)	490
Overall length	l1(mm)	4110
Length to face of forks	l2(mm)	3040
Overall width	b1(mm)	1500
Fork dimensions	s/e/l(mm)	50/150/1070
Fork carriage width	b3(mm)	1380
Ground clearance ,laden,under mast	m1(mm)	135
Ground clearance,centre of wheelbase	m2(mm)	165
Aisle width for pallets 1000×1200 crossways	Ast(mm)	4453
Aisle width for pallets 800×1200 lengthways	Ast(mm)	4653
Turning radius	Wa(mm)	2690
Performance Data		
Travel speed,laden/unladen	km/h	14/15
Lift speed,laden/unladen	m/s	0.30/0.42
lowering speed,laden/unladen	m/s	0.38/0.30
Max.drawbar pull,laden/unladen	N	18500/18000
Max.Gradient performance,laden/unladen S2 5 min	%	15/20
Service brake	/	Hydraulic
E-Motor		
Drive motor rating S2 60 min	kw	20
Lift motor rating at S3 15%	kw	26
Battery standard	/	Lion
Battery voltage,nominal capacity K5	V/Ah	76.8/412
Battery dimensions l/w/h	mm	option:76.8/554 1200/810/610
Other Details		
Type of drive control	/	AC
Operating pressure for attachments	Mpa	18.5
Oil volume for attachments	l/min	65
Sound level at driver's ear according to EN 12 053	dB(A)	75

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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 solid tyres
	h3(mm)	h2(mm)	h1(mm)	h4 (mm)	$\alpha / \beta(^{\circ})$	CPD50
Two-stage ZT	2500	150	2010	3617	6/10	5000
	2700	150	2110	3817	6/10	5000
	3000	150	2260	4117	6/10	5000
	3300	150	2410	4417	6/10	5000
	3500	150	2510	4617	6/10	5000
	3600	150	2560	4717	6/10	5000
	3700	150	2610	4817	6/10	4900
	4000	150	2810	5117	6/6	4750
	4500	150	3060	5617	6/6	4250
	4700	150	3160	5817	6/6	4100
Two-stage ZZ	2500	1350	2010	3612	6/10	5000
	2700	1450	2110	3812	6/10	5000
	3000	1600	2260	4112	6/10	5000
	3300	1750	2410	4412	6/10	5000
	3500	1850	2510	4612	6/10	5000
	3600	1900	2560	4712	6/10	5000
	3700	1950	2610	4812	6/10	4900
	4000	2100	2810	5112	6/6	4750
Three-stage DZ	3700	917	1995	4808	6/10	4900
	4000	1017	2095	5108	6/6	4750
	4350	1132	2210	5458	6/6	4450
	4500	1182	2260	5608	6/6	4250
	4800	1282	2360	5908	6/6	4100
	5000	1397	2475	6108	6/6	4000
	5500	1562	2640	6608	3/6	3600
	6000	1807	2885	7068	3/6	3400

