

LGMG ELECTRIC STACKER



SPECIFICATIONS

Manufacturer's Type Designation		CDD16	CDD20
Drive	/	Battery	
Type of operation	/	Pedestrian	
Load Capacity/rated load	Q(t)	1.6	2.0
Load centre distance	c(mm)	600	
Load distance, centre of drive axle to fork	x(mm)	647	
Wheelbase	y(mm)	1215	1327
Weight			
Service weight incl.battery	kg	1380	1620
Axle loading, laden front/rear	kg	1040/1940	1210/2410
Axle loading, unladen front/rear	kg	940/440	1090/540
Wheels / Chassis			
Tires	/	Polyurethane(PU)	
Tire size, front	Øx w(mm)	Ø230×70	
Tire size, rear	Øx w(mm)	Ø84×70	
Additional wheels(dimensions)	Øx w(mm)	Ø150×54	
Wheels, number front/rear(x=driven wheels)	/	1x+1/4	
Tread, front	b10(mm)	510	
Tread, rear	b11(mm)	390/505	
Dimensions			
Lowered mast height	h1(mm)	1958	2078
Free Lift height	h2(mm)	/	/
Lift height	h3(mm)	2810	2810
Extended maximal height	h4(mm)	3380	3500
Height of tiller in drive position min./max.	h14(mm)	950/1350	
Height, lowered	h13(mm)	90	
Overall length	l1(mm)	1896 ¹⁾	2025 ¹⁾
Length to face of forks	l2(mm)	746 ¹⁾	875 ¹⁾
Overall width	b1(mm)	790	
Fork dimensions	s/e/l(mm)	60/180/1150	
Width across forks	b5(mm)	570/685	
Ground clearance, centre of wheelbase	m2(mm)	28	23
Aisle width for pallets1000X1200 crossways	Ast(mm)	2325 ¹⁾	2455 ¹⁾
Aisle width for pallets800X1200 lengthways	Ast(mm)	2290 ¹⁾	2420 ¹⁾
Turning radius	Wa(mm)	1420 ¹⁾	1550 ¹⁾
Performance Data			
Travel speed, laden/unladen	km/h	6.0/7.0	6.0/7.0
Lift speed, laden/unladen	m/s	0.13/0.20	0.13/0.20
Lowering speed, laden/unladen	m/s	0.28/0.23	0.28/0.23
Max. gradeability, laden/unladen	%	6/12	6/10
Service brake	/	Electromagnetic	
E-Motor			
Drive motor rating S2 60min	kW	1.4	
Lift motor rating at S3 4.5%	kW	3.2	
Battery	/	Lion	
Battery voltage, nominal capacity K5	V/Ah	24/150	
Energy consumption acc. to VDI cycle	kWh/h	1.34	1.7
Other Details			
Type of drive control	/	AC- speed control	
Sound level at driver's ear acc. to EN 12053	dB(A)	<70	

with compact platform: +440mm

CDD16

Designation	Lowered mast height h1(mm)	Free lift height h2(mm)	Lift height h3(mm)	Extended mast height h4(mm)
Two stage mast	1958	/	2810	3380
	2108	/	3110	3680
	2308	/	3510	4080
Two stage mast FFL (Full-Free-Lift)	1958	1410	2810	3380
	2108	1560	3110	3680
	2308	1760	3510	4080
Three stage mast	2008	/	4210	4780
	2108	/	4510	5080
Three stage mast FFL (Full-Free-Lift)	1908	1320	3910	4480
	2008	1420	4210	4780
	2108	1520	4510	5080
	2343	1756	5210	5780

CDD20

Designation	Lowered mast height h1(mm)	Free lift height h2(mm)	Lift height h3(mm)	Extended mast height h4(mm)
Two stage mast	2078	/	2810	3500
	2228	/	3110	3800
	2428	/	3510	4200
Two stage mast FFL (Full-Free-Lift)	1978	1310	2610	3300
	2078	1410	2810	3500
	2228	1560	3110	3800
Three stage mast	2128	/	4210	4900
	2228	/	4510	5200
Three stage mast FFL (Full-Free-Lift)	1978	1310	3910	4600
	2128	1420	4210	4900
	2228	1520	4510	5200

