# **RELIABILITY IN ACTION**



#### LINGONG HEAVY MACHINERY CO., LTD.

Address: No. 2676, Kejia Road, Jinan, Shandong, China

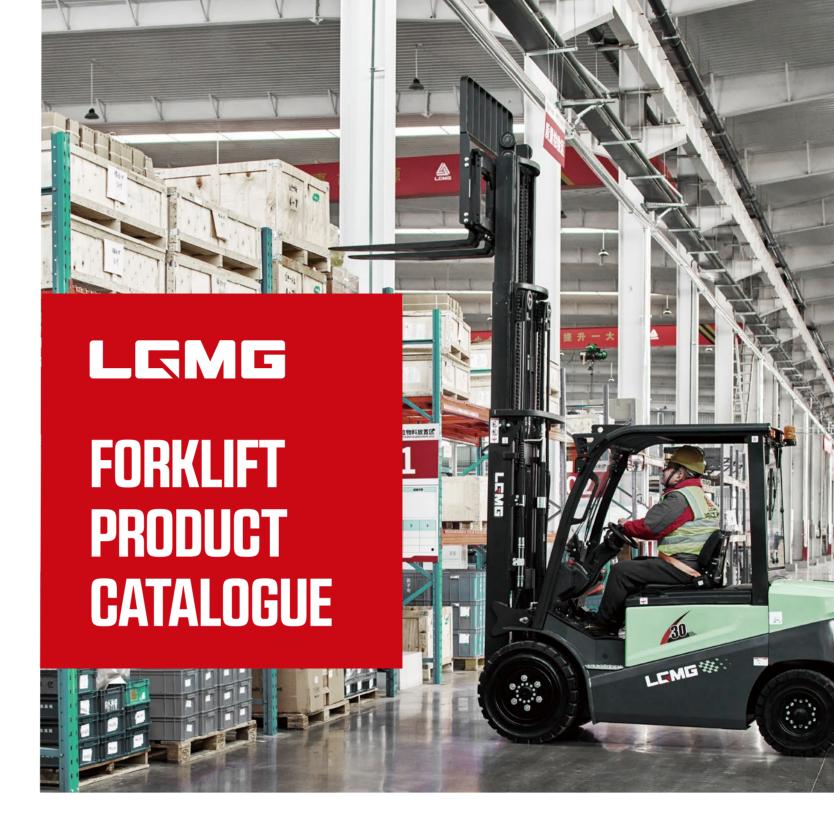
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www.lgmg.com.cn

Information of agent

Please contact LGMG or local dealer for more details.
LGMG reserves the right to change technical data without prior notice. All photos and pictures in this brochure are for promotional purpose only.

This brochure comes into effect in March, 2025.



LINGONG HEAVY MACHINERY CO., LTD.





Founded in 1972, Lingong Group is recognized as one of the top 100 enterprises in China's construction machinery industry and one of the five leading groups in this sector. The core enterprises of Lingong Group include Shandong Lingong Construction Machinery Co., Ltd. (SDLG), Lingong Heavy Machinery Co., Ltd. (LGMG), and Lingong Special Machinery Co., Ltd. The group's business portfolio spans five major areas: construction machinery, mining machinery, aerial work platforms, special machinery, and parts manufacturing.

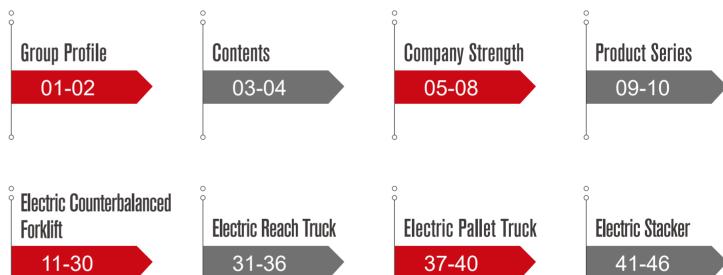
Located in Jinan, Shandong Province, China, Lingong Heavy Machinery Co., Ltd. (LGMG) is a subsidiary of Lingong Group, with business sections covering aerial work platforms, telehandlers, mining machinery, and forklifts etc. LGMG has emerged as a significant player in China's construction machinery industry, ranking among the top 100 global construction machinery manufacturers, the top 30 in China, and the top 5 among Chinese manufacturers of aerial work platforms.

LGMG has established 100% owned subsidiaries in over 10 countries and regions, including Europe, North America, Australia, Indonesia, Japan, and South Korea to provide better sales, service, and parts support to our customers.

In 2024, LGMG initiated the forklift project, boasting the capabilities in R&D, manufacturing, sales, supply and service. Seizing the trends of electrification and intelligence, LGMG is steadily advancing the internationalization strategy of its forklift division. LGMG is committed to focusing on the forklift industry, with the ambition to become a leading enterprise in forklift research, development, and manufacturing both domestically and internationally.



# **CONTENTS**





# **COMPANY STRENGTH**

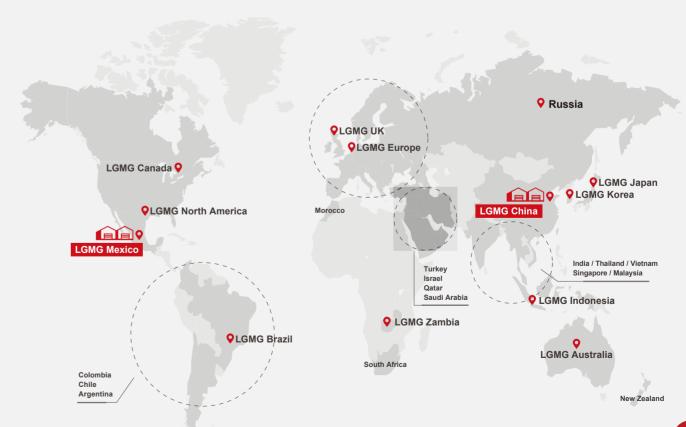
FACTORIES

10+ SUBSIDIARIES

200+
PARTNERS

**60+**COUNTRIES

LGMG's greatest asset is its foundation in the Lingong Group, which brings 53 years of engineering and manufacturing expertise. This deep-rooted history has enabled LGMG to develop a mature technological base, producing high-quality, reliable products with low failure rates, earning widespread acclaim in the construction machinery industry. We are committed to providing customers with a complete rental solutions of full range equipment. With three major production bases in China and Mexico, as well as over 10 overseas subsidiaries, LGMG has established a global sales and service network. Through years of dedicated market development, LGMG products have gained widespread recognition from our global customers.







LGMG believes that R&D and innovation are key to sustainable business growth. The company has invested heavily in R&D and established a provincial-level innovation center responsible for new product

development and component reliability testing. This initiative accelerates technological innovation and consistently enhances product quality. In addition, LGMG has collaborated with one of China's top universities to establish the LGMG Research Institute. The institute aims to address industry challenges, develop cutting-edge technologies, and nurture future technical talent for the industry.



Strictly adhering to the six core principles of its Lean Production System (LPS), LGMG exercises tight control over every process from component welding and painting to machine assembly and final product inspection to maximize production efficiency and ensure high product quality.



# **PRODUCT SERIES**

#### **CLASS I ELECTRIC COUNTERBALANCED FORKLIFT**





4 WHEELS



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 Model
 Load capacity /kg
 Model
 Load capacity /kg

 CPDS16A
 1600
 CPD16
 1600

 CPDS18A
 1800
 CPD20
 2000

 CPDS20A
 2000
 CPD30
 3000

 CPD35
 3500
 CPD50
 5000

#### A SERIES

Model	Load capacity /kg
CPD30A	3000
CPD35A	3500

#### **CLASS II ELECTRIC REACH TRUCK**





Model	Load capacity /kg	
CQD16	1600	
00000	0000	

**CLASS III** ELECTRIC PALLET TRUCK

Model	Load capacity
CQD16A	1600
CQD20A	2000
CQD20B	2000

#### **CLASS III** ELECTRIC STACKER



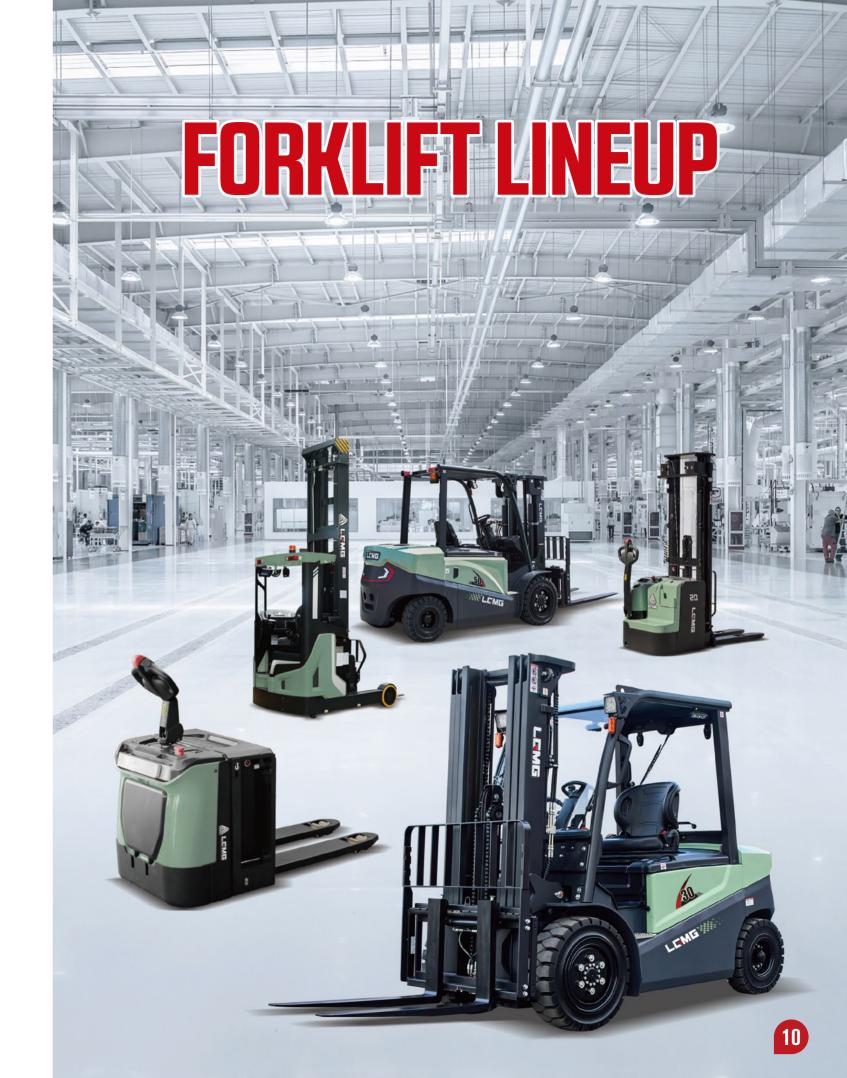


Model	Load capacity /kg	Model	Load capacity /kg	
CBDBI6A	1600	CBD20	2000	
CBDB20A	2000	CBD25	2500	
CRDR25A	2500			





Model	Load capacity /kg	Model	Load capacity /kg
CDDB12	1200	CDD16	1600
CDDB16	1600	CDD20	2000
CDDB20	2000		





# LGMG ELECTRIC COUNTERBALANCED FORKLIFT /////////

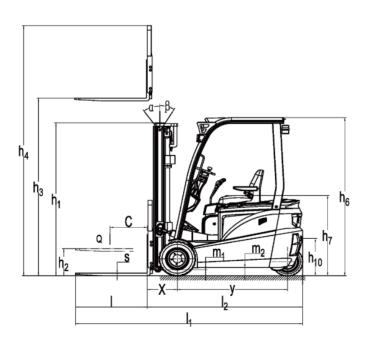
MODELS		CPDS16A	CPDS18A	CPDS20A
Drive	1	Electric	Electric	Electric
Type of operation	1	Seated	Seated	Seated
Load capacity/rated load	Q(kg)	1600	1800	2000
Load centre distance	c(mm)	500	500	500
Load distance,centre of drive axle to fork	x(mm)	372	377	377
Wheelbase	y(mm)	1360	1360	1490
Weights	, (,	1300	1300	1470
Service weight incl. battery	kg	3060	3160	3420
Axle loading,laden front/rear	kg	4160/500	4450/510	4880/540
Axle loading,unladen front/rear	kg	1470/1610	1530/1650	1670/1750
Wheels, Chassis	Kg	1470/1010	1330/1030	1070/1730
Type:solid,pneumatic	1	Solid	Solid	Solid
Tyres size, front	1	18×7-8	18×7-8	200/50-10
Tyres size, from	1			
Wheels, number front/rear(×=driven wheels)	1	15X4½-8	15X4½-8	15X4½-8
-	b10(mm)	2×/2 960	2×/2 960	2×/2 984
Track width, front	b10(mm)	180	180	180
Track width,rear	DII(IIIII)	100	100	100
Basic Dimensions	(.0(0)	5/3	5.17	F / 7
Mast/fork carriage tilt forward/backward	α / β(°)	5/7	5/7	5/7
lowered mast height	h1(mm)	2008	2008	2008
Free lift	h2(mm)	125	125	125
Lift height	h3(mm)	3000	3000	3000
Extended mast height	h4(mm)	3981	3981	3981
Height of overhead guard	h6(mm)	2075	2075	2075
Seat height	h7(mm)	1030	1030	1030
Coupling height	h10(mm)	465	465	465
Overall length	l1(mm)	2845	3000	3130
Length to face of forks	12(mm)	1925	1930	2060
Overall width	b1(mm)	1135	1135	1150
Fork dimensions	s/e/I(mm)	35/100/920	40/100/1070	40/100/1070
Fork carriage width	b3(mm)	1040	1040	1040
Ground clearance ,laden,under mast	m1(mm)	123	123	123
Ground clearance,centre of wheelbase	m2(mm)	105	105	105
Aisle width for pallets 1000×1200 crossways	Ast(mm)	3248	3253	3383
Aisle width for pallets 800×1200 lengthways	Ast(mm)	3373	3377	3507
Turning radius	Wa(mm)	1550	1550	1680
Performance Data				
Travel speed,laden/unladen	km/h	14/15	14/15	14/15
Lift speed,laden/unladen	m/s	0.32/0.42	0.32/0.42	0.32/0.42
owering speed,laden/unladen	m/s	<0.6	<0.6	<0.6
Max.drawbar pull,laden/unladen	N	8500/7800	8500/7800	8800/8000
Max.Gradient performance,laden/unladen S2 5 min	%	15/20	15/20	13/18
Service brake	1	Hydraulic	Hydraulic	Hydraulic
E-Motor		,	,	,
Drive motor rating S2 60 min	kw	4.5×2	4.5×2	4.5×2
Lift motor rating at S3 15%	kw	8.6	8.6	8.6
Battery standard	1	Lion	Lion	Lion
- account of the second of the	,	51.2/277	51.2/277	51.2/277
Battery voltage,nominal capacity K5	V/Ah	option:51.2/412	option:51.2/554	option:51.2/554
Battery dimensions I/w/h	mm	980×538×670	980×538×670	980×668×670
•	mm	700^330*070	700^330^070	700*000*0/0
Other Details		AC	AC	AC
Type of drive control				
Operating pressure for attachments	Мра	17.5	17.5	17.5
Oil volume for attachments	I/min	36	36	36
Sound level at driver's ear according to EN 12 053	dB(A)	70	70	70

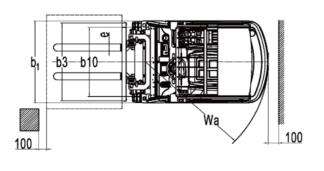
# LGMG ELECTRIC COUNTERBALANCED FORKLIFT /////////

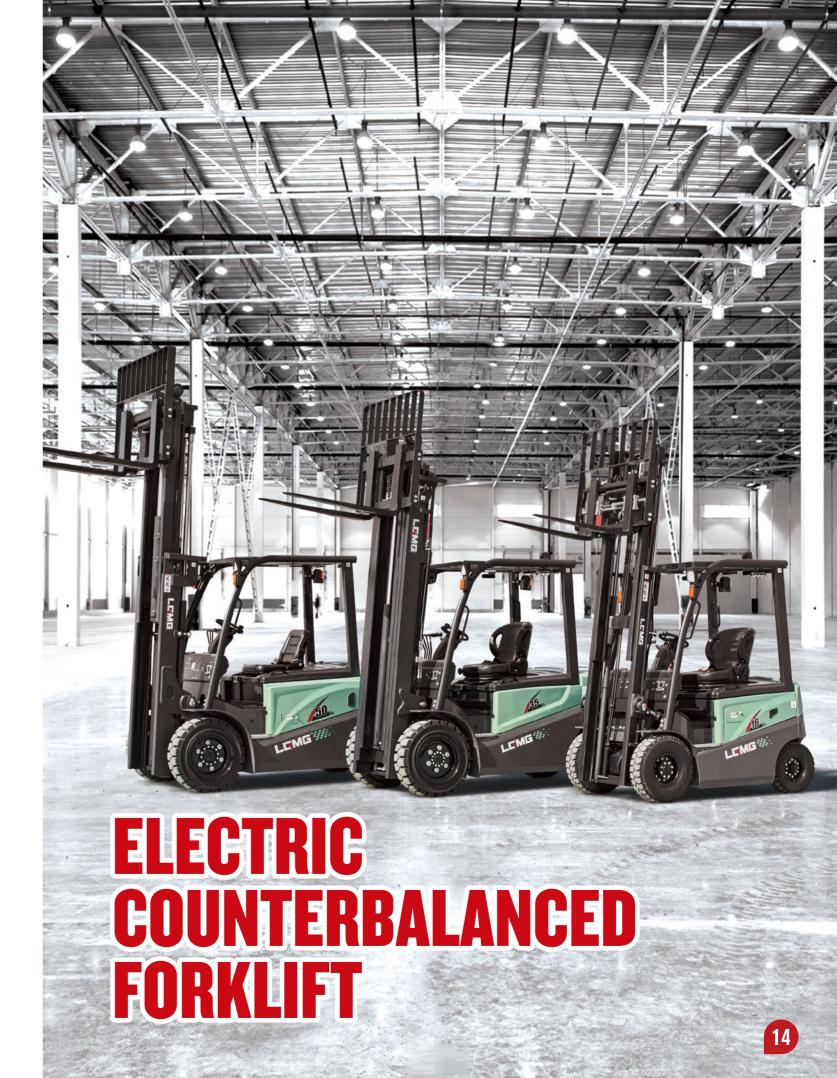


#### CPDS16A/CPDS18A/CPDS20A

Designation	Lift height	Free Lift	Closed mast height	Extended mast height	Tilt forward/backward	Co without	apacity table(kg) sideshift,single p	C=500mm oneumatic tyres
Designation	h3(mm)	h2(mm)	h1(mm)	h4 (mm)	α / β (°)	CPDS16A	CPDS18A	CPDS20A
	2500	125	1758	3481	5/7	1600	1800	2000
	2700	125	1858	3681	5/7	1600	1800	2000
	3000	125	2008	3981	5/7	1600	1800	2000
	3300	125	2158	4281	5/7	1600	1800	2000
Two-stage ZT	3500	125	2258	4481	5/7	1600	1800	2000
Two-stage ZT	3700	125	2358	4681	5/7	1600	1800	2000
	4000	125	2558	4981	3/5	1500	1750	1900
	4300	125	2708	5281	3/5	1450	1650	1800
	4500	125	2808	5481	3/5	1400	1450	1600
	5000	125	3083	5981	3/5	1000	1100	1400
	2500	793	1758	3474	5/7	1600	1800	2000
	2700	893	1858	3674	5/7	1600	1800	2000
	3000	1043	2008	3974	5/7	1600	1800	2000
	3300	1193	2158	4274	5/7	1600	1800	2000
Two-stage ZZ	3500	1293	2258	4474	5/7	1600	1800	2000
Two stage ZZ	3700	1393	2358	4674	5/7	1600	1800	2000
	4000	1593	2558	4974	3/5	1500	1750	1900
	4300	1743	2708	5274	3/5	1450	1650	1800
	4500	1843	2808	5474	3/5	1400	1450	1600
	5000	2118	3083	5974	3/5	1000	1100	1400
	4000	988	1953	4980	3/5	1500	1750	1900
	4350	1113	2078	5329	3/5	1450	1600	1700
	4500	1163	2128	5479	3/5	1400	1450	1600
Three-stage DZ	4800	1263	2228	5779	3/5	1200	1300	1400
	5000	1363	2328	5979	3/5	1050	1100	1300
	5500	1513	2478	6479	3/5	800	900	1000
	6000	1713	2678	6979	3/5	600	650	700











# CPD16 CPD20

**ELECTRIC COUNTERBALANCED FORKLFT** 





#### **Compact Design**

With its compact design and small turning radius, the truck can operate efficiently in confined spaces.



#### **Softly Lowing**

The intelligent buffering system during descent effectively protects both the ground and cargo from damage.



#### **LED Lamps**

The forklift is equipped with standard LED lamps, including headlamps, front turn lamps, rear combination lamps, and warning lamps. LED lamps, saving 80% of the energy.



#### **Wide View Mast**

The forklift features a wide-view mast design, a spacious driver's operating area, and excellent ergonomics.



#### **Warning Light**

The optional perimeter safety zone warning light can enhance pedestrian safety during warehouse operations.

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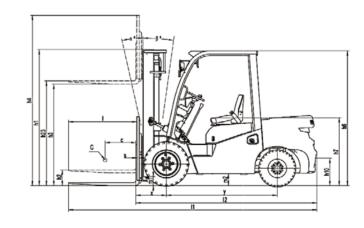
#### **SPECIFICATIONS**

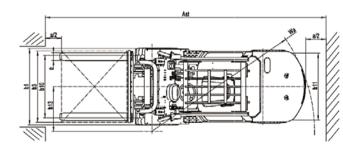
MODELS		CPD16	CPD20		
Drive:electric	1	Electr	ic		
Type of operation	1	Seate	ed		
Load capacity/rated load	Q(kg)	1600	2000		
Load centre distance	c(mm)	500			
Load distance,centre of drive axle to fork	x(mm)	381	386		
Wheelbase	y(mm)	1450	1450		
Weights					
Service weight incl. battery	kg	2940	3180		
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	1	Solid rubber/F	Pneumatic		
Tyres size, front	1	18X7-	8		
Tyres size,rear	1	5.00-8-1	OPR		
Wheels,number front'rear(×=driven wheels)	1	2×/2	)		
Track width, front	b10(mm)	980			
Track width,rear	b11(mm)	920			
Basic Dimensions					
Mast/fork carriage tilt forward/backward	α / β(°)	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	I1(mm)	3050	3200		
Length to face of forks	I2(mm)	2130			
Overall width	b1(mm)	1150			
Fork dimensions	s/e/I(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			
Max.Gradient performance,laden/unladen S2 5 min	%	12/15	12/15		
Service brake	1	Hydrau			
E-Motor	·	.,,			
Drive motor rating S2 60 min	kw	6.8			
Lift motor rating at S3 15%	kw	8.6			
Battery standard	1	Lior			
Battery voltage,nominal capacity K5	V/Ah	Li:51.2/206(2			
Battery dimensions I/w/h	mm	975/530/628	975/530/628		
Other Details		,, 5,000,020			
Type of drive control	1	AC			
Operating pressure for attachments	Мра	14.5			
Oil volume for attachments	I/min	30			
Sound level at driver's ear according to EN 12 053	dB(A)	72			
Joan a lover at anyon o can according to Liviz 000	UD(A)	12			

# LGMG ELECTRIC COUNTERBALANCED FORKLIFT //////////

#### CPD16/CPD20

Designation	Lift height	Free Lift	Closed mast height	Extended mast height	Tilt forward/backward	Capacity table without sideshift,sin	(kg) C=500mm gle pneumatic tyres
<b>:</b>	h3(mm)	h2(mm)	h1(mm)	h4 (mm)	α / β(°)	CPD16	CPD20
	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
Two-stage ZT	3500	110	2303	4482	6/10	1600	2000
Two-stage ZT	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
	2500	853	1803	3482	6/10	1600	2000
	2700	953	1903	3682	6/10	1600	2000
	3000	1103	2053	3982	6/10	1600	2000
Two-stage ZZ	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
	4000	1033	1978	4982	6/6	1500	1800
	4350	1153	2103	5282	6/6	1400	1600
	4500	1203	2153	5482	6/6	1300	1500
Three-stage DZ	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













#### **Multi-condition Application**

The lifting motor is positioned high, enabling the truck to operate in environments where ground water is present.



#### **Steering Wheel**

The U-shaped steering wheel design, combined with the front-positioned multi-way valve operating device, ensures effortless and comfortable operation.



#### **Fast Charging**

Fast charging allows the battery to be fully charged in 2-3 hours. The intelligent high-frequency charger, utilizing automotive charging technology, achieves a working efficiency of over 95%.



## **Multifunctional Display**

The new SHE display offers three distinct drive modes, delivering superior acceleration performance. It provides higher lifting performance compared to diesel forklifts in the industry.



#### **CAN-bus Technology**

CAN-bus technology simplifies diagnostics and troubleshooting processes.

# LGMG ELECTRIC COUNTERBALANCED FORKLIFT /////////



#### **SPECIFICATIONS**

MODELS		CPD25	CPD30	CPD35
Drive:electric	1	Electric	Electric	Electric
Type of operation	1	Seated	Seated	Seated
Load capacity/rated load	Q(kg)	2500	3000	3500
Load centre distance	c(mm)	500	500	500
Load distance,centre of drive axle to fork	x(mm)	478	478	483
Wheelbase	y(mm)	1620	1800	1800
Weights				
Service weight incl. battery	kg	3600	4070	4480
Axle loading,laden front/rear	kg	5500/600	6390/680	7140/840
Axle loading,unladen front/rear	kg	1540/2060	1750/2320	1960/2520
Wheels, Chassis				
Type:solid,pneumatic	1	1	1	1
Tyres size, front	1	7.00-12-12PR	28×9-15-14PR	28×9-15-14PR
Tyres size,rear	1	6.00-9-10PR	6.50-10-10PR	6.50-10-10PR
Wheels,number front/rear(×=driven wheels)	1	2×/2	2×/2	2×/2
Track width, front	b10(mm)	973	1004	1004
Track width,rear	b11(mm)	982	982	982
Basic Dimensions				
Mast/fork carriage tilt forward/backward	α / β(°)	6/10	6/10	6/10
lowered mast height	h1(mm)	2070	2070	2185
Free lift	h2(mm)	135	140	145
Lift height	h3(mm)	3000	3000	3000
Extended mast height	h4(mm)	3974	4079	4079
Height of overhead guard	h6(mm)	2150	2150	2150
Seat height/standing height	h7(mm)	1130	1130	1130
		580	580	580
Coupling height	h10(mm)			
Overall length	l1(mm)	3568	3773	3818
Length to face of forks	I2(mm)	2498	2703	2748
Overall width	b1(mm)	1150	1226	1226
Fork dimensions	s/e/I(mm)	40/120/1070	45/125/1070	50/125/1070
Fork carriage width	b3(mm)	1040	1100	1100
Ground clearance ,laden,under mast	m1(mm)	135	135	135
Ground clearance,centre of wheelbase	m2(mm)	150	150	150
Aisle width for pallets 1000×1200 crossways	Ast(mm)	3908	4078	4123
Aisle width for pallets 800×1200 lengthways	Ast(mm)	4108	4278	4323
Turning radius	Wa(mm)	2230	2400	2440
Performance Data				
Travel speed,laden/unladen	km/h	13/14	13/14	12/13
Lift speed,laden/unladen	m/s	0.26/0.34	0.32/0.40	0.30/0.40
lowering speed,laden/unladen	m/s	<0.6	<0.6	<0.6
Max.drawbar pull,laden/unladen	N	13000/14000	14000/15000	14000/15000
Max.Gradient performance,laden/unladen S2 5 min	%	15/15	15/15	15/15
Service brake	1	Hydraulic	Hydraulic	Hydraulic
E-Motor				
Drive motor rating S2 60 min	kw	11	11	11
Lift motor rating at S3 15%	kw	16	16	16
Battery standard	1	Lion	Lion	Lion
Battery voltage,nominal capacity K5	V/Ah	76.8/277 option:76.8/412/554	76.8/277 option:76.8/412/554	76.8/277 option:76.8/412/554
Battery dimensions I/w/h	mm	770/600/680	770/650/680	770/650/680
Other Details				
Type of drive control	1	AC	AC	AC
Operating pressure for attachments	Мра	17.5	17.5	17.5
Oil volume for attachments	I/min	36	36	36
Sound level at driver's ear according to EN 12 053	dB(A)	74	74	75

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#### CPD25

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)	α / β(°)	CPD25
	2000	130	1555	2974	6/10	2500
	2500	130	1865	3474	6/10	2500
	3000	130	2055	3974	6/10	2500
	3300	130	2205	4274	6/10	2500
Two-stage ZT	3500	130	2305	4474	6/10	2500
Two-stage ZT	3600	130	2355	4574	6/10	2500
	3700	130	2405	4674	6/10	2500
	4000	130	2605	4974	6/6	2450
	4300	130	2755	5274	6/6	2300
	4500	130	2855	5474	6/6	2100
	5000	130	3105	5974	6/6	1850
	2000	631	1555	2968	6/10	2500
	2500	881	1805	3468	6/10	2500
	3000	1131	2055	3968	6/10	2500
Two-stage ZZ	3300	1281	2205	4268	6/10	2500
	3500	1381	2305	4468	6/10	2500
	3600	1431	2355	4568	6/10	2500
	3700	1481	2405	4668	6/10	2500
	4000	1681	2605	4968	6/6	2400
	4000	1056	1980	4978	6/6	2350
	4350	1181	2105	5328	6/6	2200
	4500	1231	2155	5476	6/6	2000
Three-stage DZ	4800	1331	2255	5776	6/6	1900
Tillee Stage DZ	5000	1474	2398	5976	6/6	1700
	5500	1708	2647	6476	3/6	1400
	6000	1941	2865	6976	3/6	950
	6500	2174	3098	7476	3/6	700

Free lift height (no load back-rest) +425mm

#### CPD30/CPD35

Designation	Lift height h3(mm)		Free Lift h2(mm)		Closed mast height h1(mm)		Extended mast height h4 (mm)		t Tilt forward/backward α/β(°)		Capacity table(kg) C=500mm without sideshift,single pneumatic tyres	
	CPD30	CPD35	CPD30	CPD35	CPD30	CPD35	CPD30	CPD35	CPD30	CPD35	CPD30	CPD35
	2000	2000	140	145	1575	1685	3079	3079	6/10	6/10	3000	3500
	2500	2500	140	145	1825	1935	3579	3579	6/10	6/10	3000	3500
	3000	3000	140	145	2075	2185	4079	4079	6/10	6/10	3000	3500
	3300	3300	140	145	2225	2335	4379	4379	6/10	6/10	3000	3500
Two-stage ZT	3500	3500	140	145	2325	2435	4579	4579	6/10	6/10	3000	3500
Two-stage ZT	3600	3600	140	145	2375	2485	4679	4679	6/10	6/10	3000	3500
	3700	3700	140	145	2425	2535	4779	4779	6/10	6/10	3000	3500
	4000	4000	140	145	2625	2735	5079	5079	6/6	6/6	2950	3300
	4300	4300	140	145	2775	2885	5379	5379	6/6	6/6	2850	3250
	4500	4500	140	145	2875	2985	5579	5579	6/6	6/6	2600	3100
	5000	5000	140	145	3125	3235	6079	6079	6/6	6/6	2400	2650
	2000	2000	496	496	1575	1575	3079	3079	6/10	6/10	3000	3500
	2500	2500	746	746	1825	1825	3579	3579	6/10	6/10	3000	3500
	3000	3000	996	996	2075	2075	4079	4079	6/10	6/10	3000	3500
Two-stage ZZ	3300	3300	1146	1146	2225	2225	4379	4379	6/10	6/10	3000	3500
1 W 0 3 tage 22	3500	3500	1246	1246	2325	2325	4579	4579	6/10	6/10	3000	3500
	3600	3600	1296	1296	2375	2375	4679	4679	6/10	6/10	3000	3500
	3700	3700	1346	1346	2425	2425	4779	4779	6/10	6/10	3000	3450
	4000	4000	1546	1546	2625	2625	5079	5079	6/6	6/10	2950	3300
	4000	4000	921	921	2000	2000	5079	5079	6/6	6/6	2900	3250
	4350	4350	1046	1046	2125	2125	5429	5429	6/6	6/6	2700	3150
	4500	4500	1096	1096	2175	2175	5579	5579	6/6	6/6	2600	3000
	4800	4800	1196	1196	2275	2275	5879	5879	6/6	6/6	2400	2800
Three-stage DZ	5000	5000	1339	1339	2418	2418	6079	6079	6/6	6/6	2300	2650
	5500	5500	1573	1573	2652	2652	6579	6579	3/6	3/6	1800	2200
	6000	6000	1806	1806	2885	2885	7079	7079	3/6	3/6	1400	1500
	6500	6500	2039	2039	3118	3118	7579	7579	3/6	3/6	800	900
	7000	7000	2205	2205	3284	3284	8079	8079	3/6	3/6	600	700

Free lift height (no load back-rest) +425mm







#### **Big Capacity Lithium-ion Battery**

The standard high-capacity lithium-ion battery, with a capacity of 554Ah and efficient fast-charging technology, requires only 2-3 hours for a full charge, ensuring operation across multiple shifts.



#### **Turning Deceleration**

Turning deceleration function ensures safer driving.



#### **Famous Brand Controller**

The trucks are equipped with Curtis or Inmotion controllers, along with the CAN-bus technology, making diagnostics and troubleshooting easier.



#### **Big Tire**

The trucks feature large-diameter tires, providing better performance for outdoor applications and a more comfortable driving experience. Solid tires come as the standard configuration.



#### **Easy Maintenance**

The open design of the controller and lifting motor allows for more convenient maintenance.



# **Comfortable Control**

Optional Grammer suspension seats and fingertip control technology are available for a more comfortable driving experience.



# LGMG ELECTRIC COUNTERBALANCED FORKLIFT /////////



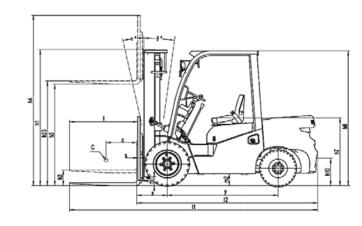
#### **SPECIFICATIONS**

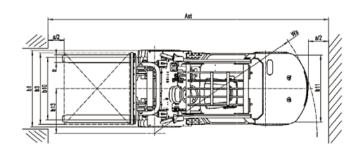
MODELS		CPD50
Drive:electric(battery or mains),diesel,petrol gas,manual)	1	Electric
Type of operation(hand,pedestrian,standing,seated,order-picker)	1	Seated
Load capacity/rated load	Q(kg)	5000
Load centre distance	c(mm)	500
Load distance,centre of drive axle to fork	x(mm)	563
Wheelbase	y(mm)	1950
Weights		
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	1	Solid
Tyres size, front	1	250-15
Tyres size,rear	1	23×9-10
Wheels,number front/rear(×=driven wheels)	1	2×/2
Track width,front	b10(mm)	1200
Track width,rear	b11(mm)	1125
Basic Dimensions		
Mast/fork carriage tilt forward/backward	α / β(°)	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	I1(mm)	4110
Length to face of forks	I2(mm)	3040
Overall width	b1(mm)	1500
Fork dimensions	s/e/I(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	1	Hydraulic
E-Motor		
Drive motor rating S2 60 min	kw	20
Lift motor rating at S3 15%	kw	26
Battery standard	1	Lion
Detter valtage persion of the VE	24181	76.8/412
Battery voltage,nominal capacity K5	V/Ah	option:76.8/554
Battery dimensions I/w/h	mm	1200/810/610
Other Details		
Type of drive control	1	AC
Operating pressure for attachments	Мра	18.5
Oil volume for attachments	I/min	65
Sound level at driver's ear according to EN 12 053	dB(A)	75

# 

#### CPD50

Designation	Lift height	Free Lift	Closed mast height	Extended mast height	Tilt forward/backward	Capacity table(kg) C=500mm without sideshift,single solid tyres
Designation	h3(mm)	h2(mm)	h1(mm)	h4 (mm)	α / β(°)	CPD50
	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
Two-stage ZT	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
	5000	150	3310	6117	6/6	4000
	6000	150	3860	7117	3/6	3400
	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
Two-stage ZZ	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
	3700	917	1995	4808	6/10	4900
	4000	1017	2095	5108	6/6	4750
	4350	1132	2210	5458	6/6	4450
Three-stage DZ	4500	1182	2260	5608	6/6	4250
Thice stage DZ	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









The A series new lithium battery forklift adopts internal combustion forklift's design with the strong chassis, frame, counterweight and mast. The power structure is designed to adopt LGMG electric forklift's concept, which is equipped with full AC system, Italy imported ZAPI controller, BMS control system and high quality lithium battery. This combination of IC forklift and electric forklift makes an ideal solution to reach customers' satisfaction on cost saving and environmental friendly.



#### **Powerful & Efficient**

It features a high - strength chassis forged integrally with an internal combustion engine and has a high ground clearance and excellent passability, meeting the needs of various complex working conditions both indoors and outdoors.



#### Long lifespan & Low cost

It can be recharged cyclically for 4,000 times and comes with an ultra-long warranty. There is no need to worry about the costs of replacing the air filter, oil filter, or engine oil. The maintenance cost is directly reduced by 70%.



#### Comfortable & Efficient

The buffer suspension seat can greatly reduce the fatigue caused by long-time sitting, which is beneficial to improving the work efficiency of employees.



#### **Efficient Charging**

It only takes 2 hours for a full charge. You can efficiently recharge during fragmented time periods, use the equipment immediately after charging, and keep it running even during rushed work schedules.

# LGMG ELECTRIC COUNTERBALANCED FORKLFT /////////



#### **SPECIFICATIONS**

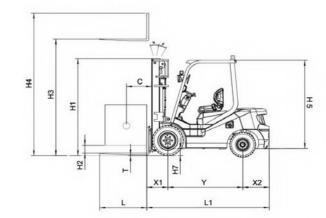
MODEL		CPD30A	CPD35A
Power Type		Li-io	on
Rated Load Capacity	Q(kg)	3000	3500
Load Centre	C(mm)	500	0
Characteristic & Dimension			
Rated Lift Height	H3(mm)	300	00
Free Lift Height	H2(mm)	100	)
Fork Size (L*W*T)	mm	1070x125x45	1070x125×50
Mast Tilt Angle (FIR. α°/β°)	deg	6°/1	2°
Fork Overhang (Wheel Center to Fork Face)	X1(mm)	484	4
Rear Overhang	X2(mm)	595	635
Ground Clearance (Bottom of Mast)	H7(mm)	14!	5
Length to Face of Fork (Without Fork)	L1(mm)	2700	2775
Overall Width	B1(mm)	122	5
Mast Lowered Height	H1(mm)	207	70
Mast Extended Height (With Backrest)	H4(mm)	407	70
Overhead Guard Height	H5(mm)	223	55
Turning Radius (Outside)	Wa(mm)	2425	2500
Min. Aisle width for pallets	Ast(mm)	4180	4255
Performance			
Travel Speed (No Load)	km/h	11/1	2
Lifting Speed (Full Load)	mm/sec	250/360	220/340
Lowering Speed(Full Load/No Load)	mm/sec	No Load≥300 Fu	II Load≤600
Max. Gradeability (Full Load)	%	12	
Chassis			
Tyre (Front x 2)	mm	28x9-15	i-12PR
Tyre (Rear x 2)	mm	6.50-10	-10PR
Front Tread	B2(mm)	100	0
Rear Tread	B3(mm)	980	0
Wheelbase	Y(mm)	170	0
Weight			
Total Weight	kg	4460	4775
Front Axle Weight Distribution (Full Load)	kg	6714	6997
Rear Axle Weight Distribution (Full Load)	kg	746	777
Front Axle Weight Distribution (No Load)	kg	1784	1910
Rear Axle Weight Distribution (No Load)	kg	2676	2865
Power &Transmission			
Battery	V/Ah	"80V/280Ah 80V/350Ah"	"80V/280Ah 80V/350Ah"
Drive Motor	kW	10	
Lift Motor	kW	12	
Operating Pressure (For Attachments)	Мра	17.	5

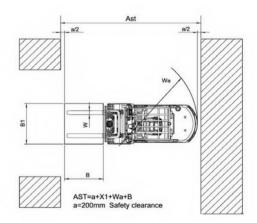
# LGMG ELECTRIC COUNTERBALANCED FORKLFT //////////



#### CPD30A / CPD35A

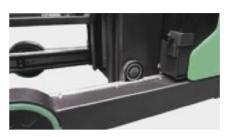
							Ov	erall Height (r	nm)	Free Li	ft (mm)				
		Max.Fork	Loa	ıd Cap	acity (I	KG)	Lowered	Exte Without	ended With	- Without Backrest	With Backrest	Tilt Angle	Tilt Angle (Double)	Total W (KC	
Mast Type	Mast Name	Height (mm)	CPD30A		CPD35A			3.0t/3.5t	Backrest		t/3.5t	(Single)	(Double)	CPD30A	CPD35A
	M200	2000		OO		600	1570	2690	3170	100	100	6-	12	4260	4760
	M250	2500		00		500	1820	3190	3670	100	100	6-		4300	4800
	M270	2700		00		500	1920	3290	3770	145/150	145/150	6-		4316	4616
	M290	2900		00		500	2020	3590	4070	145/150	145/150	6-		4332	4832
	M300	3000		00		500	2070	3590	4070	145/150	145/150	6-		4340	4640
	M310	3100		00		500	2120	3790	4270	145/150	145/150	6-		4350	4850
	M330	3300		00		500	2220	3890	4370	145/150	145/150	6-		4365	4665
Wide View	M350	3500		00	35	500	2320	4090	4570	145/150	145/150	6-		4380	4680
Mast	M370	3700	30	00	34	100	2420	4290	4770	145/150	145/150	6-		4395	4695
	M400	4000	29	50	32	250	2620	4590	5070	145/150	145/150	6-6	6-12	4420	4720
	M430	4300	28	00	31	00	2770	4890	5370	145/150	145/150	6-6	6-12	4445	4745
	M450	4500	2600	2900	2900	3000	2870	5090	5570	145/150	145/150	6-6	6-12	4460	4760
	M470	4700	2500	2800	2800	2900	2970	5290	5770	145/150	145/150	6-6	6-12	4475	4765
	M500	5000	2200	2550	2400	2800	3170	5590	6070	145/150	145/150	6-6	6-6	4510	4810
	M550	5500	2000	2400	2200	2600	3420	6090	6570	145/150	145/150	3-6	3-6	4560	4860
	M600	6000	1500	2000	1600	2400	3670	6590	7070	145/150	145/150	3-6	3-6	4600	4900
	FM200	2000	30	00	35	500	1570	2590	3065	882	407	6-	12	4340	4840
	FM250	2500	30	00	35	500	1820	3040	3515	1132	657	6-	12	4380	4880
	FM270	2700	30	00	35	500	1920	3240	3715	1232	757	6-	12	4395	4695
2-Stage	FM290	2900	30	00	35	500	2020	3440	3915	1332	857	6-	12	4410	4910
Full Free	FM300	3000	30	00	35	500	2070	3590	4065	1382	907	6-	12	4420	4720
Wide View	FM310	3100	30	00	35	500	2120	3740	4215	1432	957	6-	12	4430	4930
Mast	FM330	3300	30	00	35	00	2220	3940	4415	1532	1057	6-	12	4445	4745
	FM350	3500	30	00	35	00	2320	4090	4565	1632	1157	6-	12	4460	4760
	FM370	3700	30	00	34	100	2420	4240	4715	1732	1257	6-	6	4475	4775
	FM400	4000	29	50	32	250	2670	4590	5065	1982	1507	6-6	6-12	4500	4800
	TFM400	4000	3000	3000	3000	3500	1960	4700	5175	1272	797	6-6	6-6	4550	4850
	TFM430	4300	2800	2900	3000	3350	2060	5000	5475	1372	897	6-6	6-6	4580	4880
7.0.	TFM450	4500	2600	2800	2800	3200	2110	5200	5675	1422	947	6-6	6-6	4600	4900
3-Stage	TFM470	4700	2400	2700	2500	3000	2160	5400	5875	1472	997	6-6	6-6	4620	4920
Full Free	TFM500	5000	2100	2400	2300	2800	2260	5700	6175	1572	1097	6-6	6-6	4630	4930
Wide View	TFM525	5250	1850	2300	2000	2650	2360	5950	6425	1672	1197	3-6	3-6	4655	5155
Mast	TFM550	5500	1650	2250	1800	2550	2460	6200	6675	1772	1297	3-6	3-6	4680	4980
	TFM600	6000	1200	2100	1300	2300	2660	6700	7175	1972	1497	3-6	3-6	4750	5050
	TFM650	6500	950	1700	1050	1800	2910	7200	7675	2200	1747	3-6	3-6	4800	5100
	TFM700	7000	650	950	750	1550	3110	7700	8175	2300	1947	3-6	3-6	4850	5150











#### Safe & Reliable

Height limit positioning, elevated speed restriction, and turning speed regulation ensure operational safety during travel, lifting, and steering maneuvers. Front/rear movement end deceleration stabilizes mast motion with shock-free transitions. The integration of electromagnetic braking and hydraulic braking systems achieves short braking distances, directional stability, and jerk-free stops.



#### **Convenient Operation**

Electro-hydraulic proportional control ensures precise micro-motion performance and stable operation, while AC variable frequency speed control enables infinitely adjustable speed regulation for travel, lifting, and steering drives.



#### **Cost-effective & Durable**

AC drive motor, oil pump motor, and steering motor are maintenance-free, featuring a long service life, and delivering reliable performance.



#### **Comfortable Driving**

Spacious operator compartment and ergonomically designed layout align with natural human operating postures, effectively reducing the risk of mishandling.



#### **Easy Maintenance**

Side-pull battery replacement design eliminates the need for complex equipment disassembly during maintenance, allowing technicians to effortlessly perform inspections, repairs, and routine maintenance.

# LGMG ELECTRIC REACH TRUCK



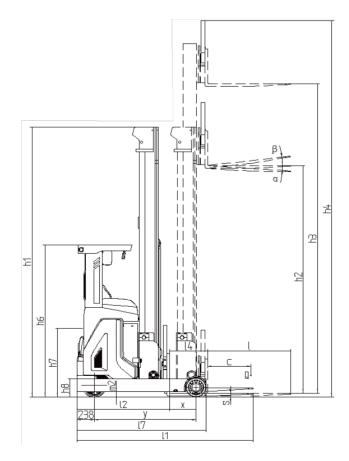
#### **SPECIFICATIONS**

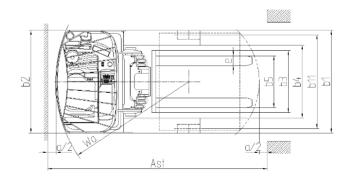
MODELS		CQD16	CQD20
Drive	1	Electric	Electric
Type of operation	1	Seated	Seated
Load capacity/rated load	Q(kg)	1600	2000
Load centre distance	c(mm)	600	600
Load distance,centre of drive axle to fork	x(mm)	365/176	395/200
Wheelbase	y(mm)	1400	1500
Weights			
Service weight incl. battery	kg	3990	4250
Axle load, mast retracted without load, drive/support arm wheel	kg	2450/1540	2580/1670
Axle load, mast extended with load, drive/support arm wheel	kg	890/4700	766/5484
Axle load, mast retracted with load, drive/support arm wheel	kg	2180/3410	2290/3960
Wheels, Chassis	J		
Type:solid rubber,superelastic,pneumatic,polyurethane	1	Pu	Pu
Tyres size, front	Øxw(mm)	Ø343×140	Ø343×140
Tyres size,rear	Øxw(mm)	Ø285×110	Ø330×110
Wheels,number front/rear(×=driven wheels)	1	1×/2	1×/2
Track width, front	b11(mm)	1160	1160
Basic Dimensions	G 11(1111)	,,,,,	1100
Mast/fork carriage tilt forward/backward	α / β(°)	4°/-2°	4°/-2°
lowered mast height	h1(mm)	2235	2235
Free lift	h2(mm)	1563	1563
Lift height	h3(mm)	4500	4500
Extended mast height	h4(mm)	5410	5410
·		2200	2200
Overhead load guardheight	h6(mm)		
Seat height/standing height	h7(mm)	960	960
Height of support arms	h8(mm)	270	270
Height of lowered forks	h13(mm)	40	40
Overall length	11(mm)	2412	2488
Length to face of forks	12(mm)	1273	1338
Overall width	b1(mm)	1270	1270
Fork dimensions	s/e/I(mm)	35/100/1150	40/120/1150
Fork carriage ISO 2328,class/type A,B	1	2A	2A
Width across forks	b5(mm)	200-740/200-818	240-740/240-818
Distanee between support arms	b4(mm)	900	900
Reach distance	14(mm)	525	595
Ground clearance,laden,under mast	m1(mm)	90	90
Ground clearance.centre of wheelbase	m2(mm)	75	75
Aisle width for pallets 1000×1200 crossways	Ast(mm)	2720	2840
Aisle width for pallets 800×1200 lengthways	Ast(mm)	2780	2900
Turning radius	Wa(mm)	1650	1750
Length across support arms	17(mm)	1780	1900
Performance Data			
Travel speed,laden/unladen	km/h	10.5/10.5	10.5/10.5
Lift speed,laden/unladen	m/s	0.35/0.5	0.35/0.5
lowering speed,laden/unladen	m/s	0.45/0.45	0.45/0.45
Reach speed, with/without load	m/s	0.1/0.1	0.1/0.1
Max. gradeability, with/without load	%	10/10	10/10
Service brake	1	Hydraulic/electric	Hydraulic/electric
E-Motor	,	- Try at datio/ of oct 10	. I a dancy clock to
Drive motor rating S2 60 min	kw	6.4/7	6.4/7
Lift motor rating at S3 15%	kw	12.5	12.5
Battery standard	I	Lion	Lion
succes, standard	1	48/300	48/400
Battery voltage,nominal capacity K5	V/Ah	·	·
Other Details		option: 48/400	option: 48/300
Other Details	,	40	4.0
Type of drive control	/	AC	AC
Sound level at driver's ear according to EN 12 053	dB(A)	68	68

# LGMG ELECTRIC REACH TRUCK

# CQD16/CQD20

Model	Lift height	Free lift	Mast height	Tilt of fork
Model	h3 (mm)	h2 (mm)	h1 (mm)	α / β(°)
16M450	4500	1563	2235	4°/-2°
16M500	5000	1730	2400	4°/-2°
16M550	5500	1897	2568	4°/-2°
16M600	6000	2063	2735	4°/-2°
16M650	6500	2230	2900	4°/-2°
16M700	7000	2397	3068	4°/-2°
16M750	7500	2563	3234	4°/-2°
16M800	8000	2730	3400	4°/-2°
16M850	8500	2897	3567	4°/-2°
16M900	9000	3063	3734	4°/-2°
16M950	9500	3230	3900	4°/-2°
20M450	4500	1563	2235	4°/-2°
20M500	5000	1730	2400	4°/-2°
20M550	5500	1897	2568	4°/-2°
20M600	6000	2063	2735	4°/-2°
20M650	6500	2230	2900	4°/-2°
20M700	7000	2397	3068	4°/-2°
20M750	7500	2563	3234	4°/-2°
20M800	8000	2730	3400	4°/-2°
20M850	8500	2897	3567	4°/-2°
20M900	9000	3063	3734	4°/-2°
20M950	9500	3230	3900	4°/-2°





# LGMG ELECTRIC REACH TRUCK



#### **SPECIFICATIONS**

MODELS		COD16A	CQD20A	CQD20B
Drive	1	Electric	Electric	Electric
Type of operation	1	Seated	Seated	Seated
Load capacity/rated load	Q(kg)	1600	2000	2000
Load centre distance	c(mm)	600	600	600
Load distance,centre of drive axle to fork		365/176	395/200	405/234
•	x(mm) y(mm)			
Wheelbase Weights	y(mm)	1400	1500	1590
	ka	70/0	4220	
Service weight incl. battery	kg	3960	4220	5200
Axle load,mast retracted without load,drive/support arm whee		2420/1540	2560/1660	1
Axle load,mast extended with load,drive/support arm wheel	kg	830/4760	746/5474	1
Axle load, mast retracted with load,drive/support arm wheel	kg	2100/3460	2270/3950	I
Wheels, Chassis	,	Dec	Du	pu
Type:solid rubber,superelastic,pneumatic,polyurethane	1	Pu 07.47.140	Pu	
Tyres size,front	Øx w(mm)	Ø343×140	Ø343×140	Ø400×160
Tire size,rear	Øx w(mm)	Ø285×110	Ø330×110	Ø330×140
Wheels,number front/rear(×=driven wheels)	1	1×/2	1×/2	1×/2
Track width,rear	b11(mm)	1160	1160	1290
Basic Dimensions		101.12	101 - 2	
Mast/fork carriage tilt forward/backward	α / β(°)	4°/-2°	4°/-2°	4°/-2°
lowered mast height	h1(mm)	2235	2235	4067
Free lift	h2(mm)	1563	1563	3397
Lift height	h3(mm)	4500	4500	10000
Extended mast height	h4(mm)	5410	5410	10910
Overhead load guardheight	h6(mm)	2200	2200	2200
Seat height/standing height	h7(mm)	960	960	1100
Height of support arms	h8(mm)	270	270	270
Height of lowered forks	h13(mm)	40	40	40
Overall length	11(mm)	2412	2488	2580
Length to face of forks	12(mm)	1273	1338	1430
Overall width	b1/b2(mm)	1270	1270	1430/1270
Fork dimensions	s/e/I(mm)	35/100/1150	40/120/1150	40/120/1150
Fork carriage ISO 2328, class/type A, B	1	2A	2A	2A
Width across forks	b5(mm)	200-740/200-818	240-740/240-818	200-740
Distance between support arms	b4(mm)	900	900	1000
Reach distance	14(mm)	525	595	640
Ground clearance,laden,under mast	m1(mm)	90	90	90
Ground clearance,centre of wheelbase	m2(mm)	75	75	75
Aisle width for pallets 1000×1200 crossways	Ast(mm)	2720	2840	2880
Aisle width for pallets 800×1200 lengthways	Ast(mm)	2780	2900	2957
Turning radius	Wa(mm)	1650	1750	1840
Length across support arms	17(mm)	1780	1900	2000
Performance Data				
Travel speed,laden/unladen	km/h	10.5/10.5	10.5/10.5	10.5/10.5
Lift speed,laden/unladen	m/s	0.35/0.5	0.35/0.5	0.35/0.5
lowering speed,laden/unladen	m/s	0.45/0.45	0.45/0.45	0.45/0.45
Reach speed, with/without load	m/s	0.1/0.1	0.1/0.1	0.1/0.1
Max. gradeability, with/without load	%	10/10	10/10	10/10
Service brake	1	Hydraulic/electric	Hydraulic/electric	Hydraulic/electric
E-Motor		, , , , , , , , , , , , , , , , , , , ,	, -, -, -, -, -, -, -, -, -, -, -, -, -,	,,
Drive motor rating S2 60 min	kw	6.4/7	6.4/7	7
Lift motor rating at S3 15%	kw	12.5	12.5	12.5
Battery standard	1	Lion	Lion	Lion
	,	48/300	48/400	48/400
Battery voltage,nominal capacity K5	V/Ah	option: 48/400	option: 48/300	option: 48/300
		υμιίση: 46/400	υμιίση: 46/500	υμιίση: 48/500
Other Details				
Other Details Type of drive control	1	AC	AC	AC

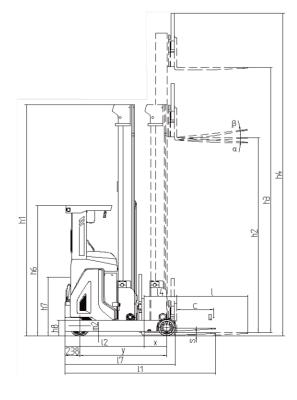
# LGMG ELECTRIC REACH TRUCK

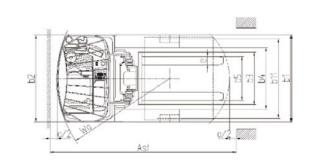
## CQD16A/CQD20A

	Lift height	Free lift	Mast height	Tilt of fork
Model	h3 (mm)	h2 (mm)	h1 (mm)	α / β(°)
16M450	4500	1563	2235	4°/-2°
16M500	5000	1730	2400	4°/-2°
16M550	5500	1897	2568	4°/-2°
16M600	6000	2063	2735	4°/-2°
16M650	6500	2230	2900	4°/-2°
16M700	7000	2397	3068	4°/-2°
16M750	7500	2563	3234	4°/-2°
16M800	8000	2730	3400	4°/-2°
16M850	8500	2897	3567	4°/-2°
16M900	9000	3063	3734	4°/-2°
16M950	9500	3230	3900	4°/-2°
20M450	4500	1563	2235	4°/-2°
20M500	5000	1730	2400	4°/-2°
20M550	5500	1897	2568	4°/-2°
20M600	6000	2063	2735	4°/-2°
20M650	6500	2230	2900	4°/-2°
20M700	7000	2397	3068	4°/-2°
20M750	7500	2563	3234	4°/-2°
20M800	8000	2730	3400	4°/-2°
20M850	8500	2897	3567	4°/-2°
20M900	9000	3063	3734	4°/-2°
20M950	9500	3230	3900	4°/-2°

#### CQD20B

Model	Lift height	Free lift	Mast height	Tilt of fork
Model	h3 (mm)	h2 (mm)	h1 (mm)	α / β(°)
20M1000	10000	3397	4067	4°/-2°
20M1050	10500	3563	4234	4°/-2°
20M1100	11000	3730	4400	4°/-2°
20M1150	11500	3897	4567	4°/-2°
20M1200	12000	4063	4733	4°/-2°
20M1250	12500	4230	4900	4°/-2°
20M1350	13500	4563	5233	4°/-2°



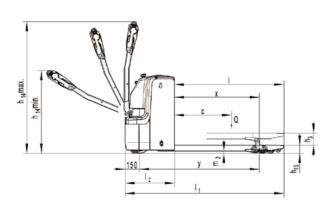


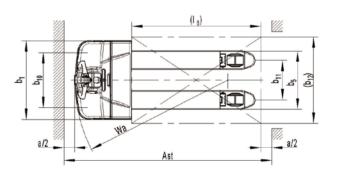


# LGMG ELECTRIC PALLET TRUCK



MODELS		CBDB16A	CBDB20A	CBDB25A
Drive	1		Battery	
Type of operation	1		Pedestrian	
Load Capacity/rated load	Q(t)	1.6	2.0	2.5
Load centre distance	c(mm)		600	
Load distance, centre of drive axle to fork	x(mm)		892	
Wheelbase	y(mm)	1261	1327	1541
Weight	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Service weight incl.battery	kg	445	535	720
Axle loading, laden front/rear	kg	715/1330	855/1680	1040/2200
Axle loading, unladen front/rear	kg	345/100	415/120	540/200
Wheels / Chassis	9	0.10,100	,	- 10/200
Tires	1		Polyurethane(PU)	
Tire size, front	Øx w(mm)		Ø230×70	
Tire size, rear	Øx w(mm)		Ø84×84	
Additional wheels(dimensions)	Øx w(mm)		Ø100×40	
Wheels, number front/rear(x=driven wheels)	1		1x+2/4	
Tread, front	b10(mm)		510	
Tread, rear	b10(mm)		367/512	
Basic Dimemsions	DTI(IIIII)		307/312	
Lift height	h3(mm)		120	
Height of tiller in drive position min./max.	h14(mm)		800/1335	
Height, lowered	h13(mm)		85	
Overall length	11(mm)	1670	1735	1950
Length to face of forks	12(mm)	520	595	810
Overall width	b1(mm)	320	729	010
Fork dimensions	s/e/I(mm)		60/173/1150	
Width across forks	b5(mm)		540/685	
Ground clearance, centre of wheelbase	m2(mm)		25	
Aisle width for pallets1000X1200 crossways	Ast(mm)	1885	1955	2175
Aisle width for pallets800X1200 lengthways	Ast(mm)	1935	2005	2225
Turning radius	Wa(mm)	1440	1490	1750
Performance Data	wa(IIIII)	1440	1470	1730
Travel speed, laden/unladen	km/h	5.7/6.0	5.7/6.0	5.5/6.0
Lift speed, laden/unladen	m/s	0.025/0.035	0.022/0.030	0.035/0.045
Lowering speed, laden/unladen	m/s	0.025/0.033	0.035/0.035	0.040/0.040
Max. gradeability, laden/unladen	%	0.033/0.030	8/15	0.040/0.040
Service brake	1		Electromagnetic	
E-Motor	1		Electromagnetic	
Drive motor rating S2 60min	kW	1.3	1.3	1.7
Lift motor rating at S3 10%	kW	0.8	0.8	2.2
Battery voltage, nominal capacity K5	V / Ah	25.6/100	25.6/100	25.6/150
Battery Voltage, Horninal capacity K5	/ / All	25.6/100 Lion	Lion	25.6/150 Lion
Addition Data	1	LIOIT	LIUII	LIUI
Type of drive control	1		AC speed Control	
Sound level at driver's ear acc. to EN 12053	dB(A)		<70	
Journa level at arriver 5 ear acc. to EN 12055	UD(A)		10	







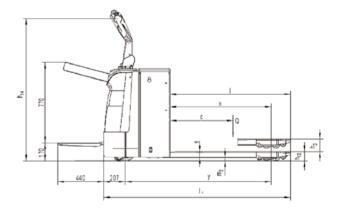
# LGMG ELECTRIC PALLET TRUCK

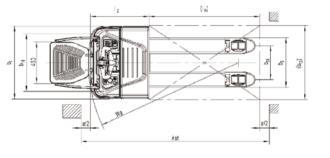


MODELS		CBD20	CBD25
Drive	1	Bat	tery
Type of operation	1	Pedestri	an/Stand
Load Capacity/rated load	Q(t)	2.0	2.5
Load centre distance	c(mm)	600	600
Load distance, centre of drive axle to fork	x(mm)	8921)	8921)
Wheelbase	y(mm)	13301)2)	14351)
Weight			
Service weight incl.battery	kg	620	770
Axle loading, laden front/rear	kg	1110/1510	1370/1900
Axle loading, unladen front/rear	kg	500/120	610/160
Wheels / Chassis			
Tires	1	Polyuret	hane(PU)
Tire size, front	Øx w(mm)	Ø23	0×70
Tire size, rear	Øx w(mm)	Ø84	×84
Additional wheels(dimensions)	Øx w(mm)	Ø100	0×40
Wheels, number front/rear(x=driven wheels)	1	1x+	2/4
Tread, front	b10(mm)	54	10
Tread, rear	b11(mm)	367	/512
Basic Dimemsions			
Lift height	h3(mm)	120	120
Height of tiller in drive position min./max.	h14(mm)	980/1300	980/1300
Height, lowered	h13(mm)	8	5
Overall length	l1(mm)	17902)3)	1895
Length to face of forks	I2(mm)	6402)3)	7453)
Overall width	b1(mm)	790	790
Fork dimensions	s/e/I(mm)	55/173/1150	55/173/1150
Width across forks	b5(mm)	540	/685
Ground clearance, centre of wheelbase	m2(mm)	30	30
Aisle width for pallets1000X1200 crossways	Ast(mm)	24002)3)	25053)
Aisle width for pallets800X1200 lengthways	Ast(mm)	22902)3)	23953)
Turning radius	Wa(mm)	15852)3)	16903)
Performance Data			
Travel speed, laden/unladen	km/h	7.5/8.0	6.0/7.0
Lift speed, laden/unladen	m/s	0.025/0.030	0.035/0.045
Lowering speed, laden/unladen	m/s	0.030/0.025	0.045/0.050
Max. gradeability, laden/unladen	%	8/15	8/15
Service brake	1	Electron	nagnetic
E-Motor			
Drive motor rating S2 60min	kW	1.4	1.4
Lift motor rating at S3 10%	kW	0.8	2.2
Battery	1	Lion	Lion
Battery voltage, nominal capacity K5	V / Ah	25.6/100	25.6/150
Addition Data			
Type of drive control	1	AC spee	d Control
Sound level at driver's ear acc. to EN 12053	dB(A)	<	70









# LGMG ELECTRIC STACKER

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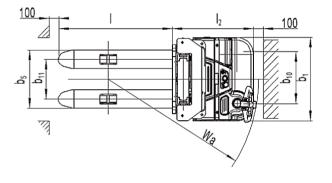
# CLASS CDDB12 CDDB16 CDDB16 CDDR20

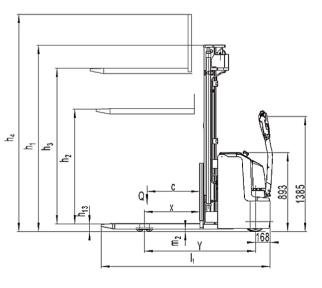
# ELECTRIC STACKER



MODELS		CDDB12
		3600
Drive	1	Battery
Type of operation	1	Pedestrian
Load Capacity/rated load	Q(t)	1.2
Load centre distance	c(mm)	600
Load distance, centre of drive axle to fork	x(mm)	710
Wheelbase	y(mm)	1097
Weight		
Service weight	kg	620
Axle loading, laden front/rear	kg	520/1300
Axle loading, unladen front/rear	kg	440/180
Tyres / Chassis		
Tires	1	Polyurethane
Tire size, front	x w(mm)	Ф210×75
Tire size, rear	x w(mm)	Ф84×93
Additional wheels(dimensions)	x w(mm)	Φ100×50
Wheels, number front/rear(x=driven wheels)	1	1x + 1/2
Tread, front	b10(mm)	550
Tread, rear	b11(mm)	400/515
Dimensions		
Lowered mast height	h1(mm)	1930
Free Lift height	h2(mm)	1514
Lift height	h3(mm)	1514
Extended mast height	h4(mm)	1930
Height of tiller in drive position min./max.	h14(mm)	710/1150
Height, lowered	h13(mm)	90
Overall length	I1(mm)	1710
Length to face of forks	I2(mm)	560
Overall width	b1(mm)	800
Fork dimensions	s/e/I(mm)	60/180/1150
Distance between fork-arms	b5(mm)	570/685
Ground clearance, centre of wheelbase	m2(mm)	24
Aisle width for pallets 1000X1200 crossways	Ast(mm)	2167
Aisle width for pallets 800X1200 lengthways	Ast(mm)	2133
Turning radius	Wa(mm)	1300
Performance Data	wu(IIIII)	1500
Travel speed, laden/unladen	km/h	4.2/4.5
Lift speed, laden/unladen	m/s	
		0.11/0.14
Lowering speed, laden/unladen	m/s	0.13/0.11
Max. gradeability, laden/unladen	%	5/10
Service brake	1	Electromagnetic
E-Motor	1.14	0.45
Drive motor rating S2 60min	kW	0.65
Lift motor rating at S3 4.5%	kW	2.2
Battery	1	Lion
Battery voltage, nominal capacity K5	V / Ah	24/60
Energy consumption acc: to VDI cycle	kWh/h	0.6
Additional Data		
Type of drive control	1	DC
Sound level at driver's ear acc. to EN 12053	dB(A)	<70

Designation	Lowered mast height h1(mm)	Free lift height h2(mm)	Lift height h3(mm)	Extended mast height h4(mm)	Lift+fork height h3+h13(mm)
Single-stage	1930	1514	1514	1930	1600
mast	2330	1914	1914	2330	2000
	1780	1	2514	3037	2600
Two-stage	1930	1	2814	3337	2900
mast	2080	1	3114	3637	3200
	2280	1	3514	4037	3600





# LGMG ELECTRIC STACKER



# LGMG ELECTRIC STACKER

#### **SPECIFICATIONS**

Manufacturer's Type Designation		CDDB16	CDDB20
Drive	1	Bat	ttery
Type of operation	1	Pede	estrian
Load Capacity/rated load	Q(t)	1.6	2.0
Load centre distance	c(mm)	6	00
Load distance, centre of drive axle to fork	x(mm)	6	47
Wheelbase	y(mm)	1293	1429
Weight			
Service weight incl.battery	kg	1340	1579
Axle loading, laden front/rear	kg	930/2010	1000/2579
Axle loading, unladen front/rear	kg	850/490	900/679
Wheels / Chassis			
Tires	1	Polyureti	hane(PU)
Fire size, front	Øx w(mm)	Ø23	0×70
Fire size, rear	Øx w(mm)	Ø8-	4×70
Additional wheels(dimensions)	Øx w(mm)	Ø15	0x54
Wheels, number front/rear(x=driven wheels)	1	1x ·	+1/4
Tread, front	b10(mm)	5	22
Fread, rear	b11(mm)	390	/505
Dimensions			
Lowered mast height	h1(mm)	1958	2078
Free Lift height	h2(mm)	1	1
ift height	h3(mm)	2830	2830
Extended mast height	h4(mm)	3380	3500
Height of tiller in drive position min./max.	h14(mm)	850/1385	
Height, lowered	h13(mm)	90	
Overall length	l1(mm)	1964	2100
Length to face of forks	I2(mm)	814	950
Overall width	b1(mm)	820	
Fork dimensions	s/e/I(mm)	60/180/1150	
Distance between fork-arms	b5(mm)	570/685	
Ground clearance, centre of wheelbase	m2(mm)	28	23
Aisle width for pallets1000X1200 crossways	Ast(mm)	2406	2536
Aisle width for pallets800X1200 lengthways	Ast(mm)	2393	2523
Furning radius	Wa(mm)	1510	1640
Performance Data			
Travel speed, laden/unladen	km/h	5.7/6.0	5.4/6.0
ift speed, laden/unladen	m/s	0.13/0.20	0.13/0.20
owering speed, laden/unladen	m/s	0.28/0.23	0.28/0.23
Max. gradeability, laden/unladen	%	6/12	6/10
Gervice brake	1	Electror	magnetic
E-Motor			
Drive motor rating S2 60min	kW	1.3	1.7
Lift motor rating at S3 4.5%	kW		5.2
Battery	kg	Lion	
Battery voltage, nominal capacity K5	V/Ah	24/150	
Energy consumption acc: to VDI cycle	kWh/h	1.59	1.7
Addition Data			
Type of drive control	1	AC-Spee	ed Control
		AC-Speed Control  <70	

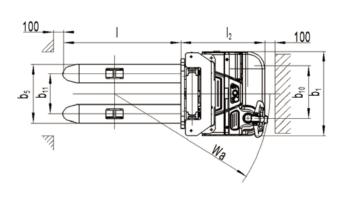
#### CDDB16

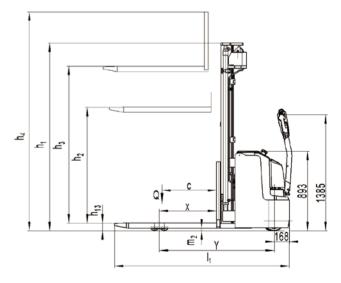
Designation	Lowered mast height h1(mm)	Free lift height h2(mm)	Lift height h3(mm)	Extended mast height h4(mm)
	1958	1	2830	3380
Two stage mast	2108	1	3130	3680
	2308	1	3530	4080
Two stage	1958	1410	2830	3380
mast FFL (Full-Free-Lift)	2108	1560	3130	3680
	2308	1760	3530	4080
Three stage mast	2008	1	4230	4780
	2108	1	4530	5080
Three stage mast FFL (Full-Free-Lift)	1908	1320	3930	4480
	2008	1420	4230	4780
	2108	1520	4530	5080
	2343	1756	5230	5780

#### CDDB20

Designation	Lowered mast height h1(mm)	Free lift height h2(mm)	Lift height h3(mm)	Extended mast height h4(mm)
	2078	1	2830	3500
Two stage mast	2228	1	3130	3800
	2428	1	3530	4200
	1978	1310	2630	3300
Two stage mast FFL (Full-Free-Lift)	2078	1410	2830	3500
	2228	1560	3130	3800
	2428	1760	3530	4200
Three stage most	2128	1	4230	4900
Three stage mast	2228	1	4530	5200
Three stage mast FFL (Full-Free-Lift)	1978	1310	3930	4600
	2128	1420	4230	4900
	2228	1520	4530	5200







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# LGMG ELECTRIC STACKER



#### **SPECIFICATIONS**

	1/1/2	CDD4/	CDDOO	
Manufacturer's Type Designation	,	CDD16	CDD20	
Drive	1	Battery		
Type of operation	/	Pedestrian		
Load Capacity/rated load	Q(t)	1.6	2.0	
Load centre distance	c(mm)	60		
Load distance, centre of drive axle to fork	x(mm)	64		
Wheelbase Weight	y(mm)	1215	1327	
Service weight incl.battery	kg	1380	1620	
Axle loading, laden front/rear	_	1040/1940	1210/2410	
-	kg		1090/540	
Axle loading, unladen front/rear Wheels / Chassis	kg	940/440	1090/540	
Tires	1	Polyureth	ane(PLI)	
Tire size, front	Øx w(mm)	Ø230		
Tire size, rear	Øx w(mm)		×70	
Additional wheels(dimensions)	Øx w(mm)	Ø150		
Wheels, number front/regr(x=driven wheels)	/ /	1x+		
Tread, front	b10(mm)	51		
Tread, rear	b11(mm)	390/	_	
Dimensions	DII(IIIII)	370)	505	
Lowered mast height	h1(mm)	1958	2078	
Free Lift height	h2(mm)	1	1	
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)	9	0	
Overall length	l1(mm)	1896 <sup>1)</sup>	20251)	
Length to face of forks	I2(mm)	7461)	8751)	
Overall width	b1(mm)	79	0	
Fork dimensions	s/e/I(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)	23251)	2455 <sup>1)</sup>	
Aisle width for pallets800X1200 lengthways	Ast(mm)	22901)	24201)	
Turning radius	Wa(mm)	14201)	1550 <sup>1)</sup>	
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	1	Electromagnetic		
E-Motor				
Drive motor rating S2 60min	kW	1.4		
Lift motor rating at S3 4.5%	kW	3.2		
Battery	1	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	1	AC- spee	d control	
Sound level at driver's ear acc. to EN 12053	dB(A)	< 7	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)
	1958	1	2810	3380
Two stage mast	2108	1	3110	3680
	2308	1	3510	4080
Two stage	1958	1410	2810	3380
mast FFL	2108	1560	3110	3680
(Full-Free-Lift)	2308	1760	3510	4080
Three stage mast	2008	1	4210	4780
Tillee stage mast	2108	1	4510	5080
	1908	1320	3910	4480
Three stage	2008	1420	4210	4780
mast FFL	2108	1520	4510	5080
(Full-Free-Lift)	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)
	2078	1	2810	3500
Two stage mast	2228	1	3110	3800
	2428	1	3510	4200
	1978	1310	2610	3300
Two stage mast FFL (Full-Free-Lift)	2078	1410	2810	3500
	2228	1560	3110	3800
	2428	1760	3510	4200
Three stage most	2128	1	4210	4900
Three stage mast	2228	1	4510	5200
Three stage mast FFL (Full-Free-Lift)	1978	1310	3910	4600
	2128	1420	4210	4900
	2228	1520	4510	5200

