

SPECIFICATIONS

Characteristics				Lithium Battery				Lead-Acid Battery			
	Manufacturer			LGMG	LGMG	LGMG	LGMG	LGMG	LGMG	LGMG	LGMG
	Model			X72H BC20	X72H BC25	X72H BC30	X72H BC35	X72H BC20	X72H BC25	X72H BC30	X72H BC35
	1.3	Power type		Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric
1.4	Operator type			Seated	Seated	Seated	Seated	Seated	Seated	Seated	Seated
1.5	Capacity	Q	kg	2000	2500	3000	3500	2000	2500	3000	3500
1.6	Load center	c	mm	500	500	500	500	500	500	500	500
1.8	Load distance (Centre of drive axle to fork)	x	mm	464	464	485	490	464	464	485	490
1.9	Wheelbase	y	mm	1750	1750	1750	1750	1750	1750	1750	1750
Weight	2.1	Service weight		kg	3713	4534	5283	5718	4640	4640	5528
	2.2	Axle load with load (front/rear)		kg	4920/793	6045/989	7157/1126	8106/1112	6101/1039	6101/1039	7308/1220
	2.3	Axle load without load (front/rear)		kg	1889/1824	2167/2367	2469/2814	2491/3227	2270/2370	2270/2370	2713/2815
Wheels	3.1	Tire	SE,P	SE	SE	SE	SE	SE	SE	SE	SE
	3.2	Tires Size front		23×9-10	23×9-10	23×9-10	315/45-12	23×9-10	23×9-10	23×9-10	315/45-12
	3.3	Tires Size rear		18×7-8	18×7-8	18×7-8	200/50-10	18×7-8	18×7-8	18×7-8	200/50-10
	3.4	Wheels (X=Driven) front /rear	X	2×/2	2×/2	2×/2	2×/2	2×/2	2×/2	2×/2	2×/2
	3.5	Thread front	b10	mm	960	960	960	1050	960	960	1050
	3.6	Thread rear	b11	mm	984	984	984	1028	984	984	1028
Dimensions	4.1	Tilt of mast (foreward/backward)	α/β	°	6/8	6/8	6/8	6/8	6/8	6/8	6/8
	4.2	Mast lowered height	h1	mm	2150	2150	2150	2150	2150	2150	2150
	4.3	Free lift	h2	mm	120	120	125	130	120	120	125
	4.4	Lifting height	h3	mm	3000	3000	3000	3000	3000	3000	3000
	4.5	Mast extended height (with LBR)	h4	mm	4215	4215	4215	4215	4215	4215	4215
	4.7	Overhead guard height	h6	mm	2223	2223	2223	2223	2223	2223	2223
	4.8	seat height (SIP)	h7	mm	1230	1230	1230	1230	1230	1230	1230
	4.12	Towing coupling height	h10	mm	375	375	375	375	375	375	375
	4.19	Overall Length	l1	mm	3655	3655	3675	3680	3655	3655	3675
	4.20	Length to Forkface	l2	mm	2584	2584	2601	2601	2584	2584	2601
	4.21	Overall Width	b1/b2	mm	1190	1190	1190	1190/1340	1190	1190	1190
	4.22	Fork dimensions	s/e/l	mm	40/122/1070	40/122/1070	45/122/1070	50/122/1070	40/122/1070	40/122/1070	45/122/1070
	4.23	Fork carriage type			II A	II A	III A	III A	II A	II A	III A
	4.24	Fork carriage width		mm	1100	1100	1100	1100	1100	1100	1100
	4.31	Ground Clearance, laden, below mast	m1	mm	110	110	110	110	110	110	110
	4.32	Ground Clearance, center of wheelbase	m2	mm	128	128	128	128	128	128	128
	4.33	Aisle width for pallets 1,000 x 1,200 crossways	Ast	mm	3812	3812	3833	3838	3812	3812	3833
	4.34	Aisle width for pallets 800 x 1,200 lengthways	Ast	mm	4000	4000	4021	4026	4000	4000	4021
	4.35	Turning radius (Outside)	Wa	mm	2115	2115	2132	2132	2115	2115	2132
	4.36	Turning Radius (Inside)	b13	mm	83	83	83	83	83	83	83
Performance	5.1	Travel Speed, Laden/Unladen	-	km/h	20/20	20/20	20/20	20/20	20/20	20/20	20/20
	5.2	Lift Speed, Laden/Unladen	-	m/s	0.5/0.6	0.5/0.6	0.4/0.56	0.4/0.56	0.5/0.6	0.5/0.6	0.4/0.56
	5.3	Lowering Speed, Laden/Unladen	-	m/s	0.57/0.57	0.57/0.57	0.57/0.57	0.57/0.57	0.57/0.57	0.57/0.57	0.57/0.57
	5.5	Drawbar pull	-		8484	9884	10378	10378	9884	9884	10378
	5.7	Gradeability, Laden/Unladen	-	%	25/29	25/29	20/29	20/29	25/29	25/29	20/29
	5.10	Brake-Serivce / Parking	-	m/s	Hydraulic/EM						
Motor & Controller	6.1	Drive Motor	-	KW	2*8	2*8	2*8	2*8	2*8	2*8	2*8
	6.2	Hydraulic Motor	-	KW	18	22	22	22	18	22	22
	6.3	Battery acc.to DIN 43 531/35/36 A,B,C,no	-		DIN 43536 A						
	6.4	Battery volt/Capacity	-	V/Ah	80/412	80/412	80/560	80/560	80/525	80/525	80/700
	6.5	Battery Weight	-	kg	572	1286	1650	1650	1386	1386	1855
Others	8.1	Power unit	-		AC	AC	AC	AC	AC	AC	AC
	8.2	Operating pressure	-	bar	165	190	190	210	165	190	190

RELIABILITY IN ACTION



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Information of agent

Please contact LGMG or local dealer for more details.

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VERSION APRIL 2026.

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Characteristics				Lithium Battery				Lead-Acid Battery				
	Manufacturer			LGMG	LGMG	LGMG	LGMG	LGMG	LGMG	LGMG	LGMG	
	Model			X72M BC20	X72M BC25	X72M BC30	X72M BC35	X72M BC20	X72M BC25	X72M BC30	X72M BC35	
1.3	Power type			Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric	
1.4	Operator type			Seated	Seated	Seated	Seated	Seated	Seated	Seated	Seated	
1.5	Capacity	Q	kg	2000	2500	3000	3500	2000	2500	3000	3500	
1.6	Load center	c	mm	500	500	500	500	500	500	500	500	
1.8	Load distance (Centre of drive axle to fork)	x	mm	464	464	485	490	464	464	485	490	
1.9	Wheelbase	y	mm	1750	1750	1750	1750	1750	1750	1750	1750	
Weight	2.1	Service weight		kg	3765	4470	5230	5651	4470	4470	5182	5603
	2.2	Axle load with load (front/rear)		kg	4962/803	6045/989	7205/1025	8007/1144	6045/989	6045/989	7182/1000	7991/1112
	2.3	Axle load without load (front/rear)		kg	1905/1860	2205/2265	2585/2645	2666/2985	2205/2265	2205/2265	2561/2621	2646/2957
Wheels	3.1	Tire	SE,P	SE	SE	SE	SE	SE	SE	SE	SE	
	3.2	Tires Size front		23×9-10	23×9-10	23×9-10	315/45-12	23×9-10	23×9-10	23×9-10	315/45-12	
	3.3	Tires Size rear		18×7-8	18×7-8	18×7-8	200/50-10	18×7-8	18×7-8	18×7-8	200/50-10	
	3.4	Wheels (X=Driven) front /rear	X	2×/2	2×/2	2×/2	2×/2	2×/2	2×/2	2×/2	2×/2	
	3.5	Thread front	b10	mm	960	960	960	1050	960	960	960	1050
	3.6	Thread rear	b11	mm	984	984	984	1028	984	984	984	1028
Dimensions	4.1	Tilt of mast (foreward/backward)	α/β	°	6/8	6/8	6/8	6/8	6/8	6/8	6/8	6/8
	4.2	Mast lowered height	h1	mm	2150	2150	2150	2150	2150	2150	2150	2150
	4.3	Free lift	h2	mm	120	120	125	130	120	120	125	130
	4.4	Lifting height	h3	mm	3000	3000	3000	3000	3000	3000	3000	3000
	4.5	Mast extended height (with LBR)	h4	mm	4215	4215	4215	4215	4215	4215	4215	4215
	4.7	Overhead guard height	h6	mm	2223	2223	2223	2223	2223	2223	2223	2223
	4.8	seat height (SIP)	h7	mm	1230	1230	1230	1230	1230	1230	1230	1230
	4.12	Towing coupling height	h10	mm	375	375	375	375	375	375	375	375
	4.19	Overall Length	l1	mm	3655	3655	3675	3680	3655	3655	3675	3680
	4.20	Length to Forkface	l2	mm	2584	2584	2601	2601	2584	2584	2601	2601
	4.21	Overall Width	b1/b2	mm	1190	1190	1190	1190/1340	1190	1190	1190	1190/1340
	4.22	Fork dimensions	s/e/l	mm	40/122/1070	40/122/1070	45/122/1070	50/122/1070	40/122/1070	40/122/1070	45/122/1070	50/122/1070
	4.23	Fork carriage type			II A	II A	III A	III A	II A	II A	III A	III A
	4.24	Fork carriage width		mm	1100	1100	1100	1100	1100	1100	1100	1100
	4.31	Ground Clearance, laden, below mast	m1	mm	110	110	110	110	110	110	110	110
	4.32	Ground Clearance, center of wheelbase	m2	mm	128	128	128	128	128	128	128	128
	4.33	Aisle width for pallets 1,000 x 1,200 crossways	Ast	mm	3812	3812	3833	3838	3812	3812	3833	3838
	4.34	Aisle width for pallets 800 x 1,200 lengthways	Ast	mm	4000	4000	4021	4026	4000	4000	4021	4026
	4.35	Turning radius (Outside)	Wa	mm	2115	2115	2132	2132	2115	2115	2132	2132
	4.36	Turning Radius (Inside)	b13	mm	83	83	83	83	83	83	83	83
Performance	5.1	Travel Speed, Laden/Unladen	-	km/h	20/20	20/20	20/20	20/20	20/20	20/20	20/20	20/20
	5.2	Lift Speed, Laden/Unladen	-	m/s	0.5/0.6	0.5/0.6	0.4/0.56	0.4/0.56	0.5/0.6	0.5/0.6	0.4/0.56	0.4/0.56
	5.3	Lowering Speed, Laden/Unladen	-	m/s	0.57/0.57	0.57/0.57	0.57/0.57	0.57/0.57	0.57/0.57	0.57/0.57	0.57/0.57	0.57/0.57
	5.5	Drawbar pull	-		8484	9884	10378	10378	9884	9884	10378	10378
	5.7	Gradeability, Laden/Unladen	-	%	25/29	25/29	20/29	20/29	25/29	25/29	20/29	20/29
	5.10	Brake-Service / Parking	-	m/s	Hydraulic/Mechanical							
Motor & Controller	6.1	Drive Motor	-	KW	2*8	2*8	2*8	2*8	2*8	2*8	2*8	2*8
	6.2	Hydraulic Motor	-	KW	18	22	22	22	18	22	22	22
	6.3	Battery acc.to DIN 43 531/35/36 A,B,C,no	-		DIN 43536 A							
	6.4	Battery volt/Capacity	-	V/Ah	80/304	80/304	80/412	80/412	80/400	80/400	80/600	80/600
	6.5	Battery Weight	-	kg	477	1182	1628	1628	1165	1165	1580	1580
Others	8.1	Power unit	-		AC	AC	AC	AC	AC	AC	AC	AC
	8.2	Operating pressure	-	bar	165	190	190	210	165	190	190	210

STANDARD AND OPTIONAL AUXILIARY FUNCTIONS

Auxiliary Functions		X72H	X72M
Ergonomics	Full suspension seat	●	●
	Semi-Enclosed seat	—	—
	USB port	●	●
	Synchronized steering of the steering wheel	○	○
	Hydraulic valve lever	—	—
	Electric proportional valve fingertip	●	●
	Full color 10 inch LCD screen	●	●
	Full color 7 inch LCD screen	○	○
Safety	Automatic steering deceleration	●	●
	Seat belt switch	●	●
	OPS system	●	●
	Overload of control valve	●	●
	Reversing buzzer	●	●
	Reversing voice horn	○	○
	Panoramic mirror	●	●
	Two side rearview mirrors Panoramic Mirror	○	○
	Rear grip bar with horn	●	●
	Reverse radar (4 probes)	○	○
	Reverse camera (1 camera 4 probes)	○	○
	Fire extinguisher (0.5kg)	○	○
	Fire extinguisher (2kg)	○	○
	Mast Height detection	●	●
	Mast lifting buffering	○	○
	Mast descending buffering	●	●
	360° monitoring	○	○
	GPS	○	○
	Speed limit alarm at 5km/h	○	○
	Speed limit alarm at 8km/h	○	○
	Speed limit alarm at 10km/h	○	○
	Weighing system	○	○
Light	Rear LED working light	○	○
	LED red/blue spotlight in front	○	○
	Rear LED red/blue spotlight	○	○
	Red/blue border lights on the left and right	○	○
	Fixed LED rotating warning light	○	○
	Fixed LED flashing warning light	○	○
	Fixed LED rotating buzzer warning light	○	○

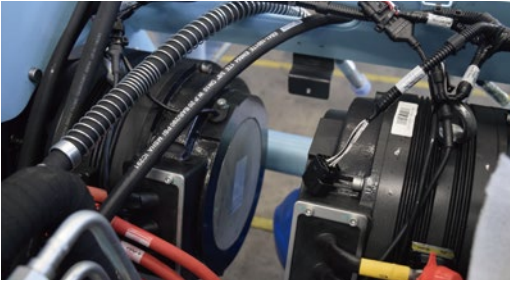
Auxiliary Functions		X72H	X72M
Cabin	Full cabin	○	○
	Heater	○	○
	Single cooling air conditioner	○	○
	Air conditioner	○	○
	Fan	○	○
	Front window (including wipers)	○	○
	Rear window	○	○
	Rooftop window	○	○
Overhead guard	OVHD with protection net	○	○
	50mm hight OVHD	○	○
others	Imported controller	●	○
	Domestic controller	—	●
	Black solid tires (front/rear)	●	●
	Non marking tires (front/rear)	○	○

● Standard equipment

○ Optional equipment

— No such configuration

CHARACTERISTICS



Performance Upgrades

- The advanced power system delivers 10% greater performance compared to conventional forklifts
- The 20% gradeability for robust traction and steady power on steep slopes and uneven ground
- Optimized & improved rated load stability
- Boosted operational efficiency



Dual Optimization in Extended Range & Reduced Energy Consumption

- Increased Battery Capacity +20%
- Improved Fast-Charging Efficiency +30%
- Lower Overall Energy Consumption
- Reduced Operating Costs -10%



Multiple Safeguards for Complete Protection

- The intelligent stability control system features an automatic turning deceleration function for enhanced safety
- The unparalleled visibility design provides the operator's best-in-class view to significantly reduce operational risks and ensure comprehensive safety



Excellent Ergonomic Design & Intelligent Management

- Designed to comfortably fit operators of different regions and body types
- The optimized control layout and seating improve comfort and real-time operating efficiency
- Real-time monitoring & remote diagnostics
- Proactive fault alerts, comprehensive operational data tracking & analysis
- Enabling smarter scheduling and timely maintenance



Lower TCO

- Reduced energy use & maintenance costs
- +20% longer lifespan for vulnerable parts
- Clear advantage in total lifecycle costs
- Invest in long-term efficiency and value

MAST DIMENSIONS & RATD CAPACITY

Standard mast (2 Stage, View)																		
Mast model	Max lifting height (mm)	Load capacity (load center 500mm)/(kg)				Height (mast lowered)/(mm)				Free lift (with backrest)/(mm)				Service weight/(kg)				Mast tilt angle α/β(°)
		2.0T	2.5T	3.0T	3.5T	2.0T	2.5T	3.0T	3.5T	2.0T	2.5T	3.0T	3.5T	2.0T	2.5T	3.0T	3.5T	
SX3000	3000	2000	2500	3000	3500	2150	2150	2150	2150	120	120	125	130	3710	4645	5530	5910	6/8
SX3300	3300	2000	2500	3000	3500	2300	2300	2300	2300	120	120	125	130	3735	4670	5562	5942	6/8
SX3500	3500	2000	2500	3000	3500	2400	2400	2400	2400	120	120	125	130	3751	4686	5583	5963	6/8
SX3700	3700	2000	2500	3000	3500	2500	2500	2500	2500	120	120	125	130	3767	4704	5603	5984	6/5
SX4000	4000	2000	2500	3000	3500	2650	2650	2650	2650	120	120	125	130	3792	4729	5635	6016	6/5
SX4500	4500	2000	2500	3000	3500	2900	2900	2900	2900	120	120	125	130	3833	4833	5687	6068	6/5
SX5000	5000	1920	2330	2810	2900	3150	3150	3150	3150	120	120	125	130	3874	4874	5739	6120	6/5

Full free duplex mast (2 Stage, Free lift)																		
Mast model	Max lifting height (mm)	Load capacity (load center 500mm)/(kg)				Height (mast lowered)/(mm)				Free lift (with backrest)/(mm)				Service weight/(kg)				Mast tilt angle α/β(°)
		2.0T	2.5T	3.0T	3.5T	2.0T	2.5T	3.0T	3.5T	2.0T	2.5T	3.0T	3.5T	2.0T	2.5T	3.0T	3.5T	
DX3000	3000	2000	2500	3000	3500	2155	2155	2190	2190	958	958	995	1000	3752	4687	5546	5926	6/8
DX3300	3300	2000	2500	3000	3500	2305	2305	2340	2340	1108	1108	1145	1150	3784	4719	5584	5964	6/8
DX3500	3500	2000	2500	3000	3500	2405	2405	2440	2440	1208	1208	1245	1250	3808	4743	5611	5991	6/8
DX3700	3700	2000	2500	3000	3500	2505	2505	2540	2540	1308	1308	1345	1350	3832	4767	5638	6018	6/5

Note: (1)2-2.5t, free lift height 472mm increased without backrest.
(2)3-3.5t, free lift height 444mm increased without backrest.

Full free triplex mast (3 Stage, Free lift)																		
Mast model	Max lifting height (mm)	Load capacity (load center 500mm)/(kg)				Height (mast lowered)/(mm)				Free lift (with backrest)/(mm)				Service weight/(kg)				Mast tilt angle α/β(°)
		2.0T	2.5T	3.0T	3.5T	2.0T	2.5T	3.0T	3.5T	2.0T	2.5T	3.0T	3.5T	2.0T	2.5T	3.0T	3.5T	
TX4300	4300	2000	2500	3000	3500	2110	2110	2200	2200	912	912	1017	1017	3888	4823	5772	6156	6/5
TX4500	4500	2000	2500	3000	3500	2175	2175	2265	2265	977	977	1082	1087	3904	4839	5788	6168	6/5
TX4700	4700	2000	2500	3000	3500	2240	2240	2330	2330	1042	1042	1147	1152	3920	4855	5810	6190	6/5
TX5000	5000	1920	2330	2810	2900	2340	2340	2430	2430	1142	1142	1247	1252	3942	4879	5842	6222	6/5
TX5500	5500	1800	2100	2530	2630	2505	2505	2595	2595	1307	1307	1412	1417	3982	4919	5902	6282	3/5
TX6000	6000	1360	1840	2280	2280	2670	2670	2760	2760	1472	1472	1577	1582	4022	4959	5962	6342	3/5
TX6500	6500	950	1100	1500	1650	2835	2835	2925	2925	1637	1637	1742	1747	4062	4999	6022	6402	3/3

Note: (1)2-2.5t, free lift height 538mm increased without backrest.
(2)3-3.5t, free lift height 448mm increased without backrest.



LGMG FORKLIFTS

2.0-3.5 Ton

**ELECTRIC
POWERED**

LINGONG HEAVY MACHINERY CO., LTD.