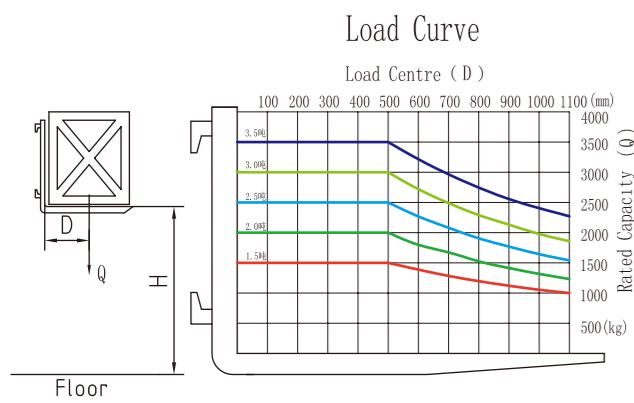


Configuration Option Sheet

LPG Forklift 1.5-3.5t

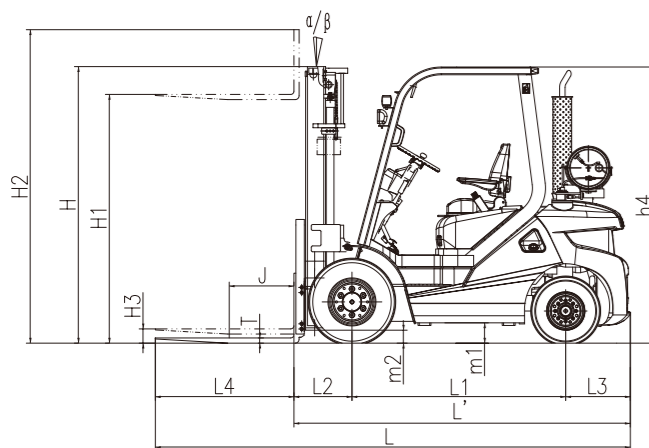
Configuration	Electric Reversing	Overhead Guard	Roof Weather Canopy	Pedal Rubber	Armrest Seat
	Wide view mast(2 Stage)	Fork Carriage	Backrest	Standard Forks	Adjustable Steering Column
	Lift, Tilt, Levers	Two-piece Multiplex Valve	Fully-hydraulic Power Steering	Tilting Cylinder Latching Valve	Full Set of LED Lights
	Multi Function Display	Working Hour Meter	Oil Content Meter	Water-thermometer	Charging Indicator
	Neutral Position Switch	Oil Pressure Warning	Electric Horn	LED Signal Light	Reversing Buzzer
	Backup Mirror	Traction Pin	Tool Box	Warning Light	
Optional	Double Row of Wheels	Solid Tyres	Cabin	Suspension Seat	Cold A/C
	Heater	Front Windscreen	High Level Exhaust	Double Air Filter	Oil Bath Air Filter
	Widen Fork Carriage	Multiple Hydraulic Attachments	Fire Extinguishing Muffler	OPS Driving OPS	Full Set OPS(Including drive and lift)
	Reversing Voice Horn	Overspeed Alarm,10km/h	Electric Fan	Sound-light Alarm	Rear Working Light
	Fork Extensions	Tilt cylinder protection	Steering cylinder protection	Custom Colours	

Load Curve

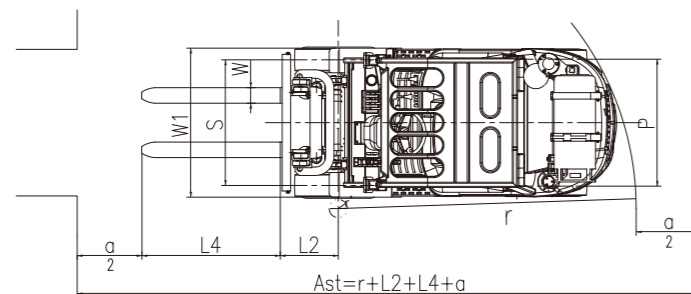


Note: The vertical axis represents the rated lifting weight, and the horizontal axis represents the load center distance. The load center is calculated from the front of the fork, and the base point of the standard load refers to the center position of a cube with a load side length of 1000 mm. When the mast is tilted forward, non-standard forks are used, or loads exceeding the normal width are loaded, the load capacity will be reduced. Through the load curve chart, the carrying capacity of various load centers can be understood in time.

Structure Diagram



Ast : Right Angle Stacking Aisle Width
a : Clearance



LONKING

LONKING



1.5-3.5t LPG Forklift



LONKING HOLDINGS LIMITED
LONKING (SHANGHAI) FORKLIFT SALES CO.,LTD.

Add:196,Xinrun Road,Xinqiao,Songjiang Industrial Zone Shanghai
Sales Hot-line:+86-21-37602160 sales hotline:+86-400-021-6969
Fax:+86-21-61303339-8195 E-mail:ccfw@lonking.cn
http://www.lonking.cc P.C:201612



Attractive Appearance

Smooth and novel styling, balance weight with car design elements, strong personality, dynamic.

Lowering Energy Consumption

Optimized design of load sensing hydraulic system reduces vehicle fuel consumption effectively.

Operating Comfort

Adopted interactive ergonomic design to improve operating comfort. Equipped with wide field of view mast to improve driver's field of view.

Sensitive and Stable

Integral steering device, more sensitive directivity, smooth operation, more stable quality.

Convenient Maintenance

Interior space of car body is more spacious Parts Positions are more reasonable. Maintainability of machine is better.

Safety and Reliable

High-strength integral hood and one-body impact molding overhead guard.



Product details and advantages



Wide field of view mast improves the safety of stacking operations.



LED lights throughout the car are brighter.



Advanced ergonomic design, ample left space, Easy to operate and reduce fatigue.



The use of small diameter steering wheel and low torque steering gear, reduce driver arm fatigue, driving more comfortable.

Overall Specifications

LPG Forklift 1.5-3.5t

Character		LONKING						
1.01	Manufacturer	LONKING						
1.02	Model		FD15GLT	LG20GLT	LG25GLT	LG30GLT	LG35GLT	
1.03	Power type	Gasoline/LPG						
1.04	Rated capacity	Q	kg	1500	2000	2500	3000	3500
1.05	Load center	J	mm	500	500	500	500	500
Dimensions								
2.01	Max. height (with backrest)		mm	4030	4040	4040	4110	4110
2.02	STD Max lifting height	H1	mm	3000	3000	3000	3000	3000
2.03	Overhead guard height	H4	mm	2090	2130	2130	2150	2150
2.04	Overall length (with fork)	L	mm	3170	3690	3690	3855	3890
2.05	Wheelbase	L1	mm	1400	1650	1650	1750	1750
2.06	Front overhang	L2	mm	415	470	470	485	490
2.07	Rear overhang	L3	mm	440	500	500	550	580
2.08	Min ground clearance (Chassis/Mast)	m1/m2	mm	100/100	160/110	160/110	165/140	165/140
2.09	Overall width (outside)	W1	mm	1090	1165	1165	1250	1250
2.10	Fork adjustment range		mm	200-960	243-1037	243-1037	252-1092	252-1092
2.11	Fork size(STD)	LxWxT	mm	920x100x35	1070x120x40	1070x122x45	1070x122x50	
2.12	Front wheel tread	S	mm	890	970	970	1030	1030
2.13	Rear wheel tread	P	mm	870	980	980	980	980
2.14	Min turning radius(outside)	R1	mm	1950	2300	2300	2520	2530
2.15	Min aisle width for pallet 1000x1200,crossways		mm	3560	4040	4040	4275	4290
2.16	Min aisle width for pallet 800x1200.lengthways		mm	3760	4170	4170	4405	4420
Tyres								
3.01	Capital W (F/R, X=Driven wheels)			X=2/2				
3.02	Tyres type (F/R)			Pneumatic				
3.03	Tyres size,front			6.5-10-10PR	7.00-12-12PR	28x9-15-14PR		
3.04	Tyres size,rear			5.00-8-10PR	6.00-9-10PR	6.5-10-10PR		
Performance and other details								
4.01	Max. travelling speed,loaded/unloaded		km/h	14/15	18.5/20	18.5/20	18.5/20	18.5/20
4.02	Lifting speed, loaded/unloaded		mm/s	480/500	480/510	480/510	450/485	400/420
4.03	Lowering speed,loaded/unloaded		mm/s	loaded≤600/unloaded≥300				
4.04	MAX. gradeability,loaded/unloaded		%	20	20	20	20	20
4.05	Service weight(with oil & water)		kg	2680	3260	3550	4180	4650
4.06	Axle load, F/R(loaded)		kg	3760/420	4735/525	5490/610	6520/640	7265/865
4.07	Axle load, F/R(unloaded)		kg	1070/1610	1300/1960	1440/2160	1680/2480	1760/2870
4.08	Service brake			Power brake -pedal				
4.09	Parking brake			Mechanical-hand brake lever				
4.10	Transmission type			Electrical reversing hydraulic transmission				
4.11	Fuel tank capacity		L	40	50	50	60	60
4.12	Battery (voltage/capacity)		V/Ah	12/60	12/80			

Engine Optional

LPG Forklift 1.5-3.5t

Optional Engines							
Engine model	Displacement	Manufacturer	Rated power	Max. torque(Nm/ rpm)	Bore/cylinder No./displacement	Fuel consumption	Applicable model
K21	/	NISSAN	31.2kW/2250rpm	143.7/1600	89mm/4/2.065L	288g/kW.h	1.5-2.5T
PSI 2.4L L4	EPA	PSI	46kW/2700rpm	168/1600	86.5mm/4/2.351L	5.2kg/h	2-3.5T
K25	/	NISSAN	37.4/2300rpm	176.5/1600	89mm/4/2.488L	290g/kW.h	2-3.5T

Mast Specifications

Mast Type	Mast Model	H2 Max Lifting Height (mm)	Load Capacity (j=500mm) (kg)					H1 Lowered Mast Height(mm)				H3 Free Lifting Height (mm)				Mast Tilting Angle (°)a/B	
			1.5T	2T	2.5T	3T	3.5T	1.5T	2-2.5T	3T	3.5T	1.5T	2-2.5T	3T	3.5T	1.5T	2-3.5T
2 Stage Standard Mast	M200	2000	1500	2000	2500	3000	3500	1485	1525	1555	1670	135	140	145	150	6/12	6/12
	M250	2500	1500	2000	2500	3000	3500	1735	1775	1805	1920	135	140	145	150	6/12	6/12
	M270	2700	1500	2000	2500	3000	3500	1835	1875	1905	2020	135	140	145	150	6/12	6/12
	M300	3000	1500	2000	2500	3000	3500	1985	2025	2055	2170	135	140	145	150	6/12	6/12
	M330	3300	1500	2000	2500	3000	3500	2135	2175	2205	2320	135	140	145	150	6/12	6/12
	M350	3500	1500	2000	2500	3000	3500	2235	2275	2305	2420	135	140	145	150	6/12	6/12
	M370	3700	1500	2000	2500	3000	3500	2335	2375	2405	2520	135	140	145	150	6/12	6/12
	M400	4000	1400	2000	2500	2950	3200*3400	2535	2575	2605	2720	135	140	145	150	6/6	6/8
	M425	4250	1300	1850*2000	2250*2500	2850*3000	3100*3300	2660	2700	2730	2845	135	140	145	150	6/6	6/8
	M450	4500	1200	1600*1900	2100*2400	2600*2800	2900*3100	2785	2825	2855	2970	135	140	145	150	6/6	6/8
	M475	4750	1100	1400*1800	1900*2200	2350*2600	2700*2900	2910	2950	2980	3095	135	140	145	150	6/6	6/8
	M500	5000	1000	1300*1700	1600*1900	2100*2400	2400*2750	3035	3075	3105	3220	135	140	145	150	6/6	6/8
M550	5500	800	1200*1500	1200*1700	2000*2400	2200*2400	3335	3375	3405	3520	135	140	145	150	3/6	3/6	
M600	6000	500	1000*1300	900*1400	1500*2000	1800*2200	3585	3625	3655	3770	135	140	145	150	3/6	3/6	
Note: * means capacity of double front wheels.																	
2 Stage Free Mast	ZM200	2000	1500	2000	2500	3000	3500	1485	1525	1590	1690	850	910	830	875	6/12	6/12
	ZM250	2500	1500	2000	2500	3000	3500	1735	1775	1840	1940	1100	1160	1080	1125	6/12	6/12
	ZM270	2700	/	2000	2500	3000	3500	/	1875	1940	2040	/	1260	1180	1225	/	6/12
	ZM275	2750	1500	/	/	/	/	1860	/	/	/	1225	/	/	/	6/12	/
	ZM300	3000	1500	2000	2500	3000	3500	1985	2025	2090	2190	1350	1410	1330	1375	6/12	6/12
	ZM330	3300	1500	2000	2500	3000	3500	2135	2175	2240	2340	1500	1560	1480	1525	6/12	6/12
	ZM350	3500	1500	2000	2500	3000	3500	2235	2275	2340	2440	1600	1660	1580	1625	6/12	6/12
	ZM370	3700	/	2000	2500	3000	3500	/	2375	2440	2540	/	1760	1680	1725	/	6/12
	ZM375	3750	1500	/	/	/	/	2360	/	/	/	1725	/	/	/	6/12	/
	ZM400	4000	1400	2000	2500	2850	3250*3500	2535	2575	2640	2740	1900	1960	1880	1925	6/6	6/8
	ZM450	4500	1200	1600*1900	2100*2400	/	/	2785	2825	/	/	2150	2210	/	/	6/6	6/8
	Note: 1.5T free lifting height with backrest minus 370mm. 2-2.5T free lifting height with backrest minus 395mm. 3T free lifting height with backrest minus 315mm. 3.5T free lifting height with backrest minus 255mm.																
Note: * means capacity of double front wheels.																	
3 Stage Free Mast	ZSM360	3600	1400	1900	2400	2900	3300	1785	1840	1870	1150	1225	1075	1080	6/6	6/8	
	ZSM400	4000	1400	1800*1900	2300	2800	3300	1923	1975	2005	1288	1360	1210	1215	6/6	6/8	
	ZSM430	4300	/	1750*1900	2200*2400	2700*2900	2900*3100	/	2070	2100	/	1455	1305	1310	/	6/8	
	ZSM435	4350	1300	/	/	/	/	2035	/	/	1400	/	/	/	6/6	/	
	ZSM450	4500	1200	1600*1800	2000*2300	2500*2700	2800*3000	2085	2140	2170	1450	1525	1375	1380	6/6	6/8	
	ZSM470	4700	1150	1300*1700	1800*2100	/	/	2155	2210	/	1520	1595	/	/	6/6	6/8	
	ZSM480	4800	1100	1250*1700	1700*2000	2250*2450	2500*2750	2185	2240	2270	1550	1625	1475	1480	6/6	6/8	
	ZSM500	5000	950	1100*1600	1500*1800	2100*2300	2300*2600	2285	2305	2335	1650	1690	1540	1545	6/6	6/8	
	ZSM540	5400	850	/	/	/	/	2410	/	/	1775	/	/	/	3/6	/	
	ZSM550	5500	/	800*1300	1100*1500	1500*2000	1700*2200	/	2470	2500	/	1855	1705	1710	/	3/6	
	ZSM600	6000	450	600*1100	800*1300	1200*1800	1300*2000	2635	2690	2720	2000	2075	1925	1930	3/6	3/6	
	ZSM650	6500	200	400*800	600*1000	900*1500	1000*1600	2835	2880	2910	2200	2265	2115	2120	3/3	3/3	
Note: 1.5T free lifting height with backrest minus 370mm. 2-2.5T free lifting height with backrest minus 395mm. 3T free lifting height with backrest minus 280mm. 3.5T free lifting height with backrest minus 280mm.																	
Note: * means capacity of double front wheels.																	

Note: Load capacity is reduced 150kg with optional side shifter for 1.5-2.5t forklift, and 200kg for 3-3.5t forklift.