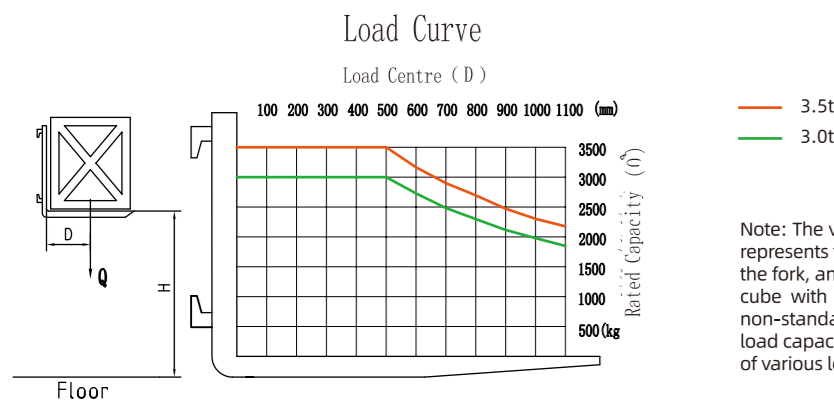


Configuration Option Sheet

N2 Series 2-3.5t

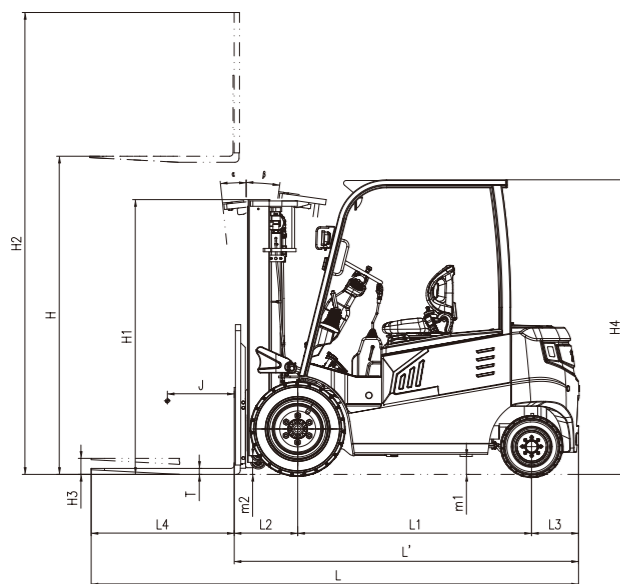
Configuration	Multi Function Display	Driving/lifting/steering Computer Controlled	Pedal Rubber	Lithium Battery	Emergency Stop Switch
	Full Set of LED Lights	Reversing Buzzer	Safety seat	Full-hydraulic Power Steering	Wide view mast
	Warning Light	Two-piece Multiplex Valve	High Efficiency AC Drive Motor	Gear Pump with Low Noise	Energy Efficient Dynamic Signal
	Load Sensing Hydraulic System	Roof Weather Canopy	Charging Indicator	Electric Horn	Wide Angle Backup Mirror
	Traction Pin	Tool Box	Standard Forks	Lift, Tilt, Levers	
Optional	Cabin	Cold A/C	Heater	Suspension Seat	Lifting Potentiometer
	Battery Charger	Lateral Pull Battery(2-2.5T)	Lateral Shovel Battery(3-3.5T)	Lithium Battery	Rotating Buzzer Warning Light
	Rear Working Light	Solid Tyres	Non Marking Tyres	Three sides(left,right and rear)red/blue bar light	Transparent Roof Cover
	Large Capacity Battery	Tailored backrest	Widen Fork Carriage	Protective Net	Electric Fan
	Reversing Handrail Horn	Corner Positioner	Reversing Radar	Fork Extensions	Tilt cylinder protection
	Steering cylinder	Custom Colours	Multiple Hydraulic Attachments	Rear Blue Light	

Load Curve

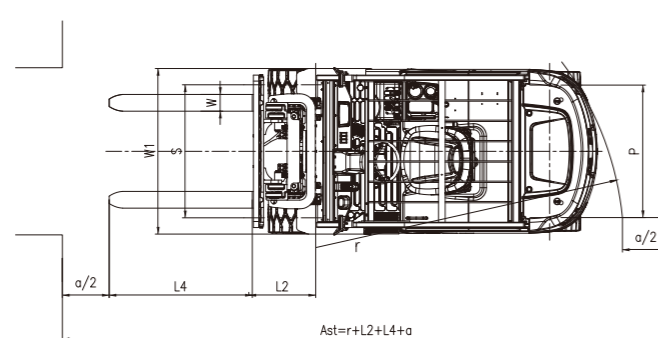


Note: The vertical axis represents the rated lifting weight, and the horizontal axis represents the load center distance. The load center is calculated from the front of the fork, and the base point of the standard load refers to the center position of a cube with a load side length of 1000 mm. When 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



2-3.5t N2 Series Counterbalance Electric Forklift Truck



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OHSAS45001:2023



ISO14001:2015



ISO9001:2015



CE CERTIFICATE



UKCA CERTIFICATE

Attractive Appearance

Vehicle appearance is designed by professional industrial design methods. Artistic and Strengthful.

Strong Stability

Battery is sinking designed to ensure vehicle stability. Integral type axle & gear box and short front overhang improve vehicle longitudinal stability. Overhead rear axle improves vehicle lateral stability.

Energy Efficiency

The transmission system and motor of the whole machine have been professionally matched and designed, which greatly extends the battery life; the automatic turning and deceleration function of the whole machine is optional, equipped with LED signal lights, which is energy-saving and efficient.

Well-adapted

High-power motor, strong power, good heat dissipation, easier climbing and full load operation; lithium battery has no memory effect and can be charged and taken anywhere.

Convenient Maintenance

Special locking structure and side panel structure designed makes battery maintenance very convenient.



Product details and advantages



High reliability

The advanced electric power display meter, hour meter and self-diagnostic table of faults, and it can be accurately displayed under the harsh working conditions.



Strong Stability

Battery is sinking designed to ensure vehicle stability. Integral type axle & gear box and short front overhang improve vehicle longitudinal stability. Overhead rear axle improves vehicle lateral stability.



Wide field of view

The wide field of view mast gives the operator a very wide field of view.



Operating Comfort

The use of a small-diameter steering wheel and right-hand operation reduces operator arm fatigue; the adjustable steering wheel and seat provide a comfortable working environment for operations.

Overall Specifications

N2 Series 2-3.5t

Character		LONKING											
1.01	Manufacturer	LONKING											
1.02	Model	LG20B		LG25B		LG30B		LG35B					
1.03	Power type	Electrical(AC)											
1.04	Rated capacity	Q	kg	2000	2500	3000	3500						
1.05	Load center	J	mm	500									
Dimensions													
2.01	Max. height (with backrest)	H2	mm	4040	4040	4110	4110						
2.02	STD Max lifting height	H	mm	3000	3000	3000	3000						
2.03	Overhead guard height	H4	mm	2175		2201							
2.04	Overall length (with fork)	L	mm	3535		3657		3662					
2.05	Wheelbase	L1	mm	1650			1750						
2.06	Front overhang	L2	mm	470	470	475	480						
2.07	Rear overhang	L3	mm	345		362							
2.08	Min ground clearance (Chassis/Mast)	m1/m2	mm	110/110		125/135							
2.09	Overall width (outside)	W1	mm	1170			1238						
2.10	Fork adjustment range		mm	243-1037	243-1037	252-1092	252-1092						
2.11	Fork size(STD)		mm	1070×120×40		1070×122×45	1070×122×50						
2.12	Front wheel tread	S	mm	976		1000							
2.13	Rear wheel tread	P	mm	980		990							
2.14	Min turning radius(outside)	r	mm	2180		2220							
2.15	Min aisle width for pallet 1000x1200,crossways	Ast	mm	3955		4045							
2.16	Min aisle width for pallet 800x1200.lengthways	Ast	mm	4090		4175							
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			7.00-12-14PR				28×9-15-14PR					
3.04	Tyres size,rear			6.00-9-10PR				200/50-10					
Performance and other details													
4.01	Max. travelling speed,loaded/unloaded,std		km/h	14.5/15		14/15							
	Max. travelling speed,loaded/unloaded,high		km/h	15/16		18/19							
4.02	Lifting speed, loaded/unloaded,std configuration		mm/s	310/450	300/450	300/420	290/420						
	Lifting speed, loaded/unloaded,high		mm/s	410/500	400/500	430/540	390/540						
4.03	Lowering speed,loaded/unloaded		mm/s	≤600/≥300		360/440							
4.04	MAX. gradeability,loaded/unloaded,std		%	20		20		17					
	MAX. gradeability,loaded/unloaded,high		%	20		21		20					
4.05	Service weight(with battery),std configuration		kg	3420	3760	4100	4400						
	Service weight(with battery),high configuration		kg			4420	4720						
4.06	Drive motor,std configuration		kw	10		15							
	Drive motor, high configuration		kw	15		16.6							
4.07	Lift motor,std configuration		kw	18		22.6							
	Lift motor, high configuration		kw	22.6		25.5							
4.08	Controller,std configuration			FANJI		Hilectro							
	Controller, high configuration			Hilectro		FANJI							
4.09	Lithium battery(voltage/capacity),std configuration		V/Ah	80/150		80/205							
	Lithium battery(voltage/capacity), high configuration		V/Ah	80/205		80/410							

Mast Specifications

N2 Series 2-3.5t

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 (°)α/β
			2T	2.5T	3T	3.5T	2-2.5T	3-3.5T	2-2.5T	3T	3.5T	
2 Stage Standard Mast	M200	2000	2000	2500	3000	3500	1525	1555	140	145	150	6/10
	M250	2500	2000	2500	3000	3500	1775	1805	140	145	150	6/10
	M270	2700	2000	2500	3000	3500	1875	1905	140	145	150	6/10
	M300	3000	2000	2500	3000	3500	2025	2055	140	145	150	6/10
	M330	3300	2000	2500	3000	3500	2175	2205	140	145	150	6/10
	M350	3500	2000	2500	3000	3500	2275	2305	140	145	150	6/10
	M370	3700	2000	2500	3000	3400	2375	2405	140	145	150	6/10
	M400	4000	2000	2500	2950	3350	2575	2605	140	145	150	6/6
	M425	4250	2000	2500	2850	3250	2700	2730	140	145	150	6/6
	M450	4500	1900	2300	2750	3100	2825	2855	140	145	150	6/6
	M475	4750	1850	2100	2600*2950	2950	2950	2980	140	145	150	6/6
	M500	5000	1800	1950	2400*2850	2650*2800	3075	3105	140	145	150	6/6
M550	5500	1400	1550	2250*2400	2500*2600	3375	3405	140	145	150	3/6	
M600	6000	950	1100	1500*2200	1550*2400	3625	3655	140	145	150	3/6	
Note: * means the Load capacity when the front wheels are wide tyres/double row wheels.												
2 Stage Free Mast	ZM200	2000	2000	2500	3000	3500	1525	1555	910	860	865	6/10
	ZM250	2500	2000	2500	3000	3500	1775	1805	1160	1110	1115	6/10
	ZM270	2700	2000	2500	3000	3500	1875	1905	1260	1210	1215	6/10
	ZM300	3000	2000	2500	3000	3500	2025	2055	1410	1360	1365	6/10
	ZM330	3300	2000	2500	3000	3500	2175	2205	1560	1510	1515	6/10
	ZM350	3500	2000	2500	3000	3500	2275	2305	1660	1610	1615	6/10
	ZM370	3700	2000	2500	3000	3400	2375	2405	1760	1710	1715	6/10
	ZM400	4000	2000	2500	2950	3350	2575	2605	1960	1910	1915	6/6
	ZM450	4500	1900	2300	2750	3100	2825	2855	2210	2160	2165	6/6
	Note: 2-2.5T free lifting height with backrest minus 395mm. 3-3.5T free lifting height with backrest minus 380mm.											
Note: * means the Load capacity when the front wheels are wide tyres/double row wheels.												
3 Stage Free Mast	ZSM360	3600	2000	2500	2900	3300	1840	1870	1225	1090	1095	6/6
	ZSM400	4000	2000	2500	2900	3250	1975	2005	1360	1225	1230	6/6
	ZSM430	4300	2000	2450	2800	2900	2070	2100	1455	1320	1325	6/6
	ZSM450	4500	2000	2300	2700	2800	2140	2170	1525	1390	1395	6/6
	ZSM470	4700	2000	2200	2600	2700	2210	2240	1595	1460	1465	6/6
	ZSM480	4800	1900	2050	2500	2600	2240	2270	1625	1490	1495	6/6
	ZSM500	5000	1800	1950*2050	2400*2500	2450	2305	2335	1690	1555	1560	6/6
	ZSM550	5500	1400	1550*1950	2250*2450	2300	2470	2500	1855	1720	1725	3/6
	ZSM600	6000	950*1500	1100*1800	1500*2100	1550*2300	2690	2720	2075	1940	1945	3/6
	ZSM650	6500	700*1400	800*1600	1000*1600	1100*1850	2880	2910	2265	2130	2135	3/3
ZSM700	7000	300*1100	400*1200	600*900	700*1000	3085	3115	2470	2335	2340	3/3	
Note: 2-2.5T free lifting height with backrest minus 395mm. 3-3.5T free lifting height with backrest minus 295mm.												
Note: * means the Load capacity when the front wheels are wide tyres/double row wheels.												
Note: Load capacity is reduced 150kg with optional side shifter for 2-2.5t forklift, and 200kg for 3-3.5t forklift.												