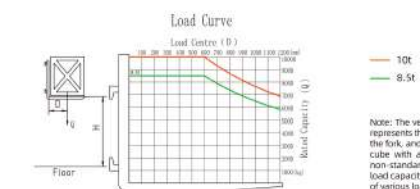


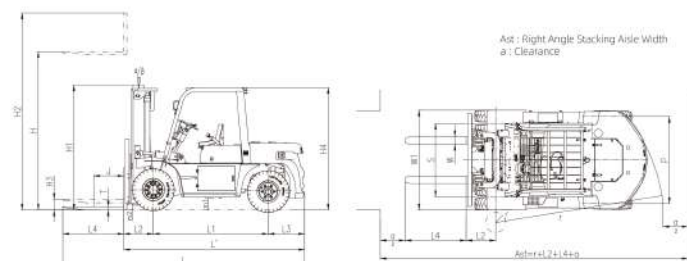
Configuration Option Sheet >> E Series 8.5-10t

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
	Low Resistance Tyres	Four-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	Backup Mirror
Optional	Traction Pin	Tool Box	Standard Forks	Lift, Tilt, Levers	
	Cabin	Cold A/C	Heater	Suspension Seat	Lifting Potentiometer
	Battery Charger	Lithium Battery	Rotating Buzzer/Warning Light	Rear Working Light	Warning Light
	Solid Tyres	Non Marking Tyres	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 protection	Custom Colours	Multiple Hydraulic Attachments
	Reversing Voice Horn				

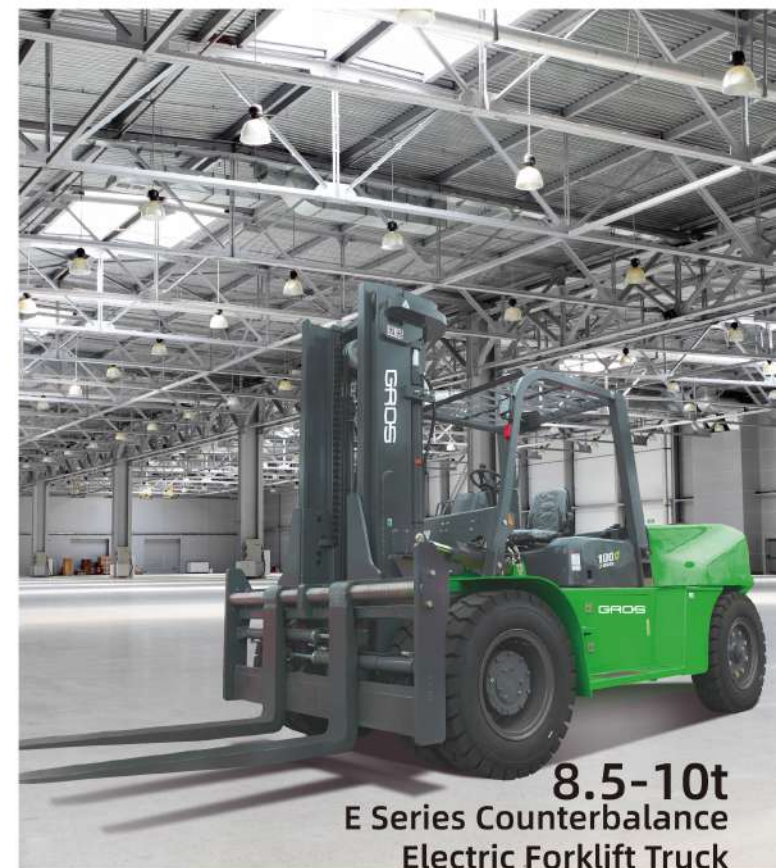
Load Curve >>



Structure Diagram >>



GROS



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



Официальный дистрибьютор в России:
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More reliable

Long wheelbase design, the vehicle's longitudinal stability is stronger, the maximum lifting height and maximum inclination of the mast are significantly improved, and the overload capacity is strong.

The instrument has rich functions and can display power and fault codes to facilitate quick and accurate troubleshooting.

More efficient

The full AC controller, motor, and reduction box cooperate with the wheel reducer to achieve a large speed ratio, high efficiency in walking and lifting operations, and excellent climbing performance.

Double gun charging is optional to meet various charging needs and improve charging efficiency.

More comfortable

Using the latest electro-hydraulic lifting control system, it is easier to control the speed of lifting and lowering.

Safer

The electrical system has protection functions such as insulation detection, overvoltage, overcurrent, and overtemperature, making safety more secure.

Maintenance

The commonality with the supporting parts of the diesel forklift of the same tonnage is over 95%, and subsequent maintenance is convenient.



Product details and advantages



Mode adjustment button, speed can be quickly switched.



The waterproof level of all vehicle parts reaches IP65.



The battery operation cycle time is extended by 12%.



LED lights throughout the car are brighter.



The electrical system adopts new energy vehicle-grade high-voltage technology.



Adopt the latest electro-hydraulic lifting control system

Overall Specifications

E Series 8.5-10t

Character				
1.01	Manufacturer	LONKING		
1.02	Model	LG85EFL LG100EFL		
1.03	Power type	Electrical (AC)		
1.04	Rated capacity	Q	kg	8500 10000
1.05	Load center	J	mm	600
Dimensions				
2.01	Max. height (with backrest)	H2	mm	4246 4400
2.02	STD Max lifting height	H	mm	3000 3000
2.03	Overhead guard height	H4	mm	2560 2560
2.04	Overall length (with fork)	L	mm	5465 5780
2.05	Wheelbase	L1	mm	2500 2800
2.06	Front overhang	L2	mm	705 720
2.07	Rear overhang	L3	mm	740 740
2.08	Min ground clearance (Chassis/Mast)	m1/m2	mm	300/245 300/245
2.09	Overall width (outside)	W1	mm	2165 2165
2.10	Fork adjustment range		mm	420-1950 450-2090
2.11	Fork size(STD)		mm	1520x170x70 1520x175x85
2.12	Front wheel tread	S	mm	1600 1600
2.13	Rear wheel tread	P	mm	1700 1700
2.14	Min turning radius(outside)		mm	3650 3900
2.15	Min aisle width for pallet 1000x1200,crossways	Ast	mm	6075 6340
2.16	Min aisle width for pallet 800x1200,lengthways	Ast	mm	6075 6340
Tyres				
3.01	Capital W (F/R, X=Driven wheels)			X=4/2
3.02	Tyres type (F/R)			Pneumatic
3.03	Tyres size,front			9.00-20-14PR
3.04	Tyres size,rear			9.00-20-14PR
Performance and other details				
4.01	Max. travelling speed,loaded/unloaded		km/h	13/15 13/15
4.02	Lifting speed, loaded/unloaded		mm/s	340/400 280/300
4.03	Lowering speed,loaded/unloaded		mm/s	420/410 310/300
4.04	MAX.gradeability,loaded/unloaded		%	15/15 15/15
4.05	Service weight(with oil & water)		kg	12400 13300
4.06	Axle load, F/R(loaded)		kg	18360/2040 20970/2330
4.07	Axle load, F/R(unloaded)		kg	5580/6820 6000/7300
4.08	Drive motor		kw	35
4.09	Lift motor		kw	26+26
4.10	Controller			inmotion
4.11	battery(voltage/capacity)		V/Ah	96/920

Mast Specifications

E Series 8.5-10t

Mast Type	Mast Model	H2 Max Lifting Height (mm)	Load Capacity (j=600mm) (kg)		H1 Lowered Mast Height(mm)		H3 Free Lifting Height (mm)		Mast Tilting Angle (°)a/β	
			LG85EFL	LG100EFL	LG85EFL	LG100EFL	LG85EFL	LG100EFL	LG85EFL	LG100EFL
2 Stage Standard Mast-Super Wide Field	M230	2300	/	10000	/	2495	200	215	/	10/12
	M250	2500	8500	/	2445	/			10/12	10/12
	M270	2700		2545	2695					
	M300	3000		2695	2845					
	M330	3300		2845	2995					
	M350	3500		2945	3095					
	M375	3750		3070	3220					
	M400	4000		3245	3395					
	M425	4250		3370	3520					
	M450	4500		3495	3645					
	M475	4750	8200	3620	3770	6/6			6/6	
	M500	5000	8200	3745	3895					
M550	5500	7850	9000	4045	4195					
M600	6000	7400	8000	4295	4445					
2 Stage Free Mast	ZM200	2000	8500	10000	2345	980	995	10/12	10/12	
	ZM225	2250			2470	1105	1120			
	ZM250	2500			2595	1230	1245			
	ZM270	2700			2695	1330	1345			
	ZM300	3000			2845	1480	1495			
	ZM330	3300			2995	1630	1645			
	ZM350	3500			3095	1730	1745			
	ZM370	3700			3195	1830	1845			
	ZM400	4000			3395	2030	2045			
	ZM425	4250			3520	2155	2170			6/6
ZM450	4500	3645	2280	2295						
3 Stage Free Mast	ZSM360	3600	7500	8000	2545	1180	1195	10/12	10/12	
	ZSM400	4000			2675	1310	1325			
	ZSM435	4350			2795	1430	1445			
	ZSM450	4500			2845	1480	1495			
	ZSM480	4800		7500	2945	1580	1595	6/6	6/6	
	ZSM500	5000		7500	3010	1645	1660			
	ZSM540	5400		7000	7000	3200	1835			1850
	ZSM600	6000		6000	6400	3400	2035			2050
	ZSM630	6300		5800	5800	3500	2135			2150
	ZSM650	6500		5500	5800	3565	2200			2215

Note:Load capacity is reduced 500kg with optional side shifter for 8.5-10t forklift.