

LONKING



2-3.5t
X Series Counterbalanced
Electric Forklift Truck

■ Superior performance

1. The economic/high performance models meet the needs of different working conditions, and the performance of the whole engine can be comparable to that of the same class of internal combustion vehicles.

2. Following the internal combustion vehicle body structure/gate frame/drive axle/steering axle, the reliability and load carrying capacity are comparable to that of internal combustion vehicles.

3. The whole truck adopts AC power system, high efficiency and more complete protection functions, greatly improving reliability and service life.

■ Long endurance

The whole machine can be equipped with up to 600Ah high-capacity lithium battery, combined with professional matching design of the transmission/lifting system, the lithium battery range is increased by 35%.

■ Comfortable and convenient

1. Adopting full suspension roof rack separated from the body, the frame and roof rack are connected by special shock absorbers. Combined with the suspension shock absorbing seat, the driving is more comfortable.

2. The heightened roof rack, professionally designed for overseas markets, increases the driver's headroom; the suspended running brake and optimized hood design increase the driver's legroom. The overall driving space increases by 10%, which makes driving more comfortable.



Product details and advantages



The advanced self-diagnostic fault table, power display table and timer can accurately display under adverse working conditions, which makes the use of the truck more at ease.



The steering wheel position can be adjusted according to different driver needs.



Hidden elastic charging port, beautiful and convenient.



Cooling fluid addition and replacement methods upgrade, convenient and fast.

Character							
1.01	Manufacturer			LONKING			
1.02	Model			CPD20-XFL	CPD25-XFL	CPD30-XFL	CPD35-XFL
1.03	Power type			Electrical (AC)			
1.04	Rated capacity	Q	kg	2000	2500	3000	3500
1.05	Load center	J	mm	500	500	500	500
Dimension							
2.01	Max. height (with backrest)		mm	3940	3940	4110	4110
2.02	STD Max lifting height	h1	mm	3000	3000	3000	3000
2.03	Overhead guard height	h4	mm	2170	2170	2180	2180
2.04	Overall length (with fork)	L1	mm	3567	3567	3765	3800
2.05	Wheelbase	L2	mm	1650	1650	1750	1750
2.06	Front overhang	L3	mm	470	470	485	490
2.07	Rear overhang	L4	mm	377	377	460	490
2.08	Min ground clearance (Frame/Mast)	m1/m2	mm	140/110	140/110	160/130	165/130
2.09	Overall width (outside)	W1	mm	1160	1160	1225	1225
2.10	Adjusting range of fork (outside)		mm	245/1122	245/1122	252-1092	252-1092
2.11	Fork size(STD)		mm	1070×120×40	1070×120×40	1070×122×45	1070×122×50
2.12	Front wheel tread	S	mm	970	970	1000	1000
2.13	Rear wheel tread	P	mm	980	980	980	980
2.14	Min turning radius(outside)	R1	mm	2230	2230	2415	2440
2.15	Min aisle width for pallet 1000x1200,crossways		mm	3870	3870	4170	4200
2.16	Min aisle width for pallet 800x1200,lengthways		mm	4000	4000	4300	4330
Tire							
3.01	wheels NO. (F/R, X=Driven wheels)			X=2/2			
3.02	Tires type(F/R)			Pneumatic			
3.03	Tires size, front			7.00-12-12PR		28×9-15-14PR	
3.04	Tires size, rear			6.00-9-10PR		6.50-10-10PR	
Performance and other details							
4.01	Max. travelling speed,loaded/unloaded		km/h	13/12	13/12	13/12	13/12
4.02	Lifting speed, loaded/unloaded		mm/s	350/330	350/300	380/270	310/220
4.03	Lowering speed,loaded/unloaded		mm/s	≥300/≤600	≥300/≤600	≥300/≤600	≥300/≤600
4.04	Max. gradeability,loaded/unloaded		%	20/15	20/15	15/15	15/15
4.05	Service weight(with oil & water)		kg	3400	3710	4200	4630
4.06	Axle load, F/R(loaded)		kg	4949/451	5712/498	6480/720	7317/813
4.07	Axle load, F/R(unloaded)		kg	1632/1768	1669/2041	1806/2394	1900/2730
4.08	Drive motor		kw	12	12	12	12
4.09	Lift motor		kw	18	18	18	18
4.10	Controller			FANJI			
4.11	battery(voltage/capacity)		V/Ah	80/205	80/205	80/205	80/205

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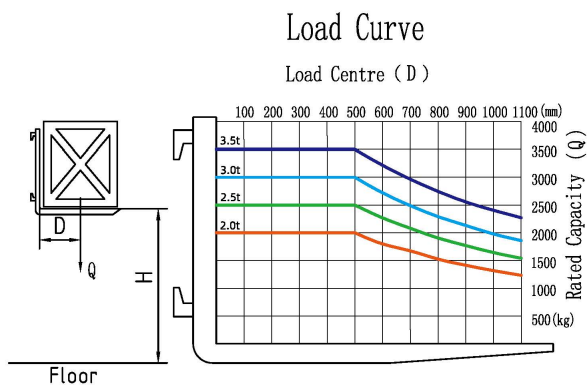
Mast type	Mast Model	H2 Max Lifting Height(mm)	Load Capacity (J=500mm) (kg)				H1 Lowered Mast Height (mm)			H3 Free Lifting Height (mm)			Mast Tilting Angle (°)α/β
			2T	2.5T	3T	3.5T	2-2.5T	3T	3.5T	2-2.5T	3T	3.5T	
2 Stage Standard Mast	M200	2000	2000	2500	3000	3500	1525	1555	1670	140	145	150	6/12
	M250	2500	2000	2500	3000	3500	1775	1805	1920	140	145	150	6/12
	M270	2700	2000	2500	3000	3500	1875	1905	2020	140	145	150	6/12
	M300	3000	2000	2500	3000	3500	2025	2055	2170	140	145	150	6/12
	M330	3300	2000	2500	3000	3500	2175	2205	2320	140	145	150	6/12
	M350	3500	2000	2500	3000	3500	2275	2305	2420	140	145	150	6/12
	M370	3700	2000	2500	3000	3500	2375	2405	2520	140	145	150	6/12
	M400	4000	2000	2500	2950	3200*3400	2575	2605	2720	140	145	150	6/6
	M425	4250	1850*2000	2250*2500	2850*3000	3100*3300	2700	2730	2845	140	145	150	6/6
	M450	4500	1600*1900	2100*2400	2600*2800	2900*3100	2825	2855	2970	140	145	150	6/6
	M475	4750	1400*1800	1900*2200	2350*2600	2700*2900	2950	2980	3095	140	145	150	6/6
	M500	5000	1300*1700	1600*1900	2100*2400	2400*2750	3075	3105	3220	140	145	150	6/6
	M550	5500	1200*1500	1200*1700	2000*2400	2200*2400	3375	3405	3520	140	145	150	3/6
	M600	6000	1000*1300	900*1400	1500*2000	1800*2200	3625	3655	3770	140	145	150	3/6
	Note: * means capacity of double front wheels.												
2 Stage Free Mast	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	3T	3.5T	2-2.5T	3T	3.5T	2-3.5T
	ZM200	2000	2000	2500	3000	3500	1525	1555	1670	910	860	895	6/12
	ZM250	2500	2000	2500	3000	3500	1775	1805	1920	1160	1110	1145	6/12
	ZM270	2700	2000	2500	3000	3500	1875	1905	2020	1260	1210	1245	6/12
	ZM300	3000	2000	2500	3000	3500	2025	2055	2170	1410	1360	1395	6/12
	ZM330	3300	2000	2500	3000	3500	2175	2205	2320	1560	1510	1545	6/12
	ZM350	3500	2000	2500	3000	3500	2275	2305	2420	1660	1610	1645	6/12
	ZM370	3700	2000	2500	3000	3500	2375	2405	2520	1760	1710	1745	6/12
	ZM400	4000	2000	2500	2850	3250*3500	2575	2605	2720	1960	1910	1945	6/6
	ZM450	4500	1600*1900	2100*2400	2600*2800	2900*3100	2825	2855	2970	2210	2160	2195	6/6
	Note: 2-2.5T free lifting height with backrest minus 395mm. 3T free lifting height with backrest minus 380mm. 3.5T free lifting height with backrest minus 295mm.												
Note: * means capacity of double front wheels.													
3 Stage Free Mast	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	3-3.8T	2-2.5T	3T	3.5-3.8T	2-3.5T	
	ZSM360	3600	1900	2400	2900	3300	1840	1870	1225	1090	1095	6/6	
	ZSM400	4000	1800*1900	2300	2800	3300	1975	2005	1360	1225	1230	6/6	
	ZSM430	4300	1750*1900	2200*2400	2700*2900	2900*3100	2070	2100	1455	1320	1325	6/6	
	ZSM450	4500	1600*1800	2000*2300	2500*2700	2800*3000	2140	2170	1525	1390	1395	6/6	
	ZSM470	4700	1300*1700	1800*2100	2350*2550	2600*2800	2210	2240	1595	1460	1465	6/6	
	ZSM480	4800	1250*1700	1700*2000	2250*2450	2500*2750	2240	2270	1625	1490	1495	6/6	
	ZSM500	5000	1100*1600	1500*1800	2100*2300	2300*2600	2305	2335	1690	1555	1560	6/6	
	ZSM550	5500	800*1300	1100*1500	1500*2000	1700*2200	2470	2500	1855	1720	1725	3/6	
	ZSM600	6000	600*1100	800*1300	1200*1800	1300*2000	2690	2720	2075	1940	1945	3/6	
	ZSM650	6500	400*800	600*1000	900*1500	1000*1600	2880	2910	2265	2130	2135	3/3	
	ZSM700	7000	300*500	400*700	700*1200	700*1200	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 capacity of double front wheels.													

Configuration Option Sheet

X Series 3-3.5t

Configuration	Multi-function Instrument	Driving/lifting/steering Computer Controlled	Pedal Rubber	Standard Battery	Emergency Stop Switch
	Full Set of LED Lights	Reversing Buzzer	Safety seat	Full-hydraulic Power Steering	Wide Field 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	Top Rain Shelter	Charging Indicator	Electric Horn	Wide Angle Backup Mirror
	Traction Pin	Tool Box	Standard Forks	Lifting and Tilting Joysticks	Low-drag tires
Optional	Cabin	Cold A/C	Heater	Suspension Seat	Lifting Potentiometer
	Battery Charger	Reversing camera	Lithium Battery	Rotating Buzzer Warning Light	Rear Working Lamp
	Solid Tires	Green Solid Tires	Custom Colors	Electric Fan	Large Capacity Battery
	Widen and Lengthen Backrest	Widen Fork Carriage	Protective Net	Transparent roof (full/semi-transparent)	Reversing Handrail Horn
	Corner Positioner	Reversing Radar	Fork sleeve	Tilting Cylinder Sleeve	Steering Cylinder Sleeve
	Multiple Work Attachments				

Load Curve



— 3.5t

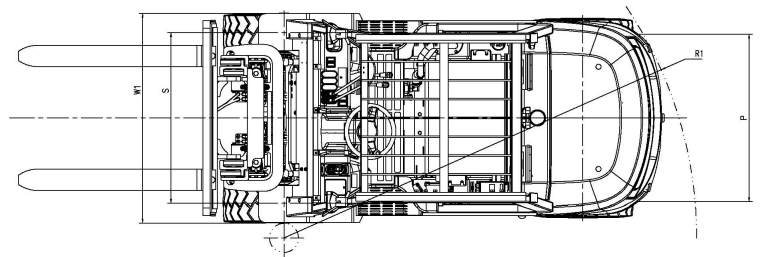
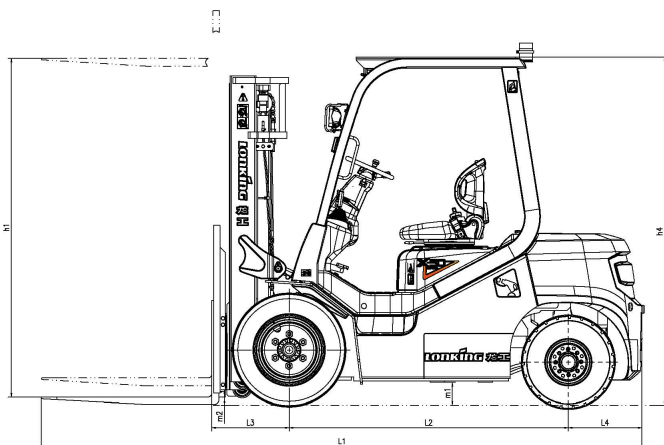
— 3.0t

— 2.5t

— 2.0t

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





LONKING



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<http://www.lonking.cc> P.C:201612



OHSAS45001:2023



ISO14001:2015



ISO9001:2015



CE CERTIFICATE



UKCA CERTIFICATE

