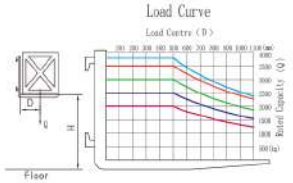
Configuration Option Sheet

5 Series 2-3.8t

Configuration	Hydraulic Gearbox	Mechanical Reversing	Overhead Guard	Roof Weather Canopy	Pedal Rubber
	Safety 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	Warning Light
	Tilting Cylinder Latching Valve	Multi Function Display	Working Hour Meter	Oil Content Meter	Water-thermometer
	Charging Indicator	Neutral Position Switch	Oil Pressure Warning	Electric Horn	Full Set of LED Lights
	Reversing Buzzer	Wide Angle Backup Mirror	Traction Pin	Tool Box	
Optional	Mechanical Gearbox	Electric Reversing(Some models)	Solid Tyres	Cabin	Suspension Seat
	Cold A/C	Heater	Front Windscreen	High Level Exhaust	Double Air Filter
	Oil Bath Air Filter(Some models)	Full Set OPS(Including drive and lift)	Fire Extinguishing Muffler	Double Row of Wheels	Reversing Voice Horn
	Electric Fan	Sound-light Alarm	Rear Working Light	Widen Fork Carriage	Fork Extensions
	Tilt cylinder protection	Steering cylinder protection	Custom Colours	Multiple Hydraulic Attachments	Transparent Roof Cover

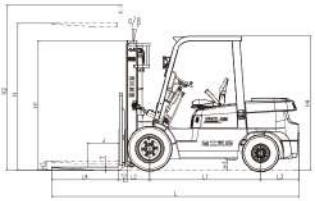
Load Curve

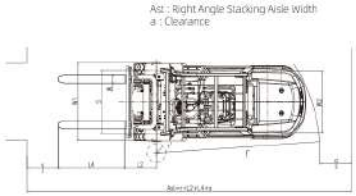


3.8t
3.5t
3.0t
2.5t
2.0t

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 HOLDINGS LIMITED

LONKING (SHANGHAI) FORKLIFT SALES CO.,LTD.

Официальный дистрибьютор в России:
компания «Склад.ру»
www.sklad.ru
8-800-250-83-33

GROS



2-3.8t

5 series Internal Combustion Counterbalance Forklift Truck



- New product, new appearance design scheme, the whole machine is tough, square and solid;
- The iron hood is designed to prevent water accumulation and is sturdy and durable;
- The rear pillar is widened to increase the air intake and extend the service life of the engine;
- The mast has a descending buffer function to prevent impact and vibration under load;
- The wide-view mast ensures that the driver has a clear forward view;
- The front and rear columns of the overhead guard are thickened to enhance impact resistance and make it safer;
- The ground clearance of the vehicle is increased and the passability is better;
- Standard National IV common rail engine, with large torque and good fuel economy;
- The fuel tank volume is enlarged to meet the requirements of all-weather high-intensity continuous operation.

Product details and advantages



Advanced ergonomic design, small diameter steering wheel and ergonomically designed seats greatly reduce driving fatigue.



Equipped with CHN IV common rail engine, which is fuel-efficient and powerful.



The rear column is widened to increase the air intake and extend the service life of the engine.



PVC double-layer seats with base fabric are highly breathable, enhance leg and waist support, effectively reduce driver fatigue and improve the life of colleagues.



The newly designed directional column locking mechanism can easily adjust the front and rear swing angle of the column.



The ground clearance of the vehicle is increased and the passability is better.

Overall Specifications

5 Series 2-3.8t

	Character							
1.01	Manufacturer			LONKING				
1.02	Model			CPCD20-5X09	CPCD25-5X09	CPCD30-5X09	CPCD35-5X09	CPCD38-5X09
1.03	Power type			Diesel				
1.04	Rated capacity	Q	kg	2000	2500	3000	3500	3800
1.05	Load center	J	mm	500	500	500	500	500
	Dimensions							
2.01	Max. height (with backrest)		mm	4040	4040	4110	4110	4110
2.02	STD Max lifing height	H1	mm	3000	3000	3000	3000	3000
2.03	Overhead guard height	H4	mm	2100	2100	2120	2120	2120
2.04	Overall length (with fork)	L1	mm	3760	3760	3895	3930	3965
2.05	Wheelbase	L2	mm	1665	1665	1760	1760	1760
2.06	Front overhang	L3	mm	470	470	485	490	490
2.07	Rear overhang	L4	mm	555	555	580	610	645
2.08	Min ground clearance (Chassis/Mast)	m1/m2	mm	150/110	150/110	160/140	160/140	160/140
2.09	Overall width (outside)	W1	mm	1166	1166	1226	1226	1226
2.10	Fork adjustment range		mm	243-1037	243-1037	252-1092	252-1092	252-1092
2.11	Fork size(STD)		mm	1070×120×40		1070×122×45	1070×122×50	1070×122×50
2.12	Front wheel tread	S	mm	970	970	1000	1000	1000
2.13	Rear wheel tread	P	mm	980	980	980	980	980
2.14	Min turning radius(outside)	R1	mm	2420	2420	2600	2650	2700
2.15	Min aisle widthfor pallet 1000x1200,crossways		mm	4160	4160	4355	4410	4460
2.16	Min aisle width for pallet 800x1200.lengthways		mm	4290	4290	4485	4540	4590
	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			7.00-12-12PR		28×9-15-14PR		
3.04	Tyres size,rear			6.00-9-10PR		6.50-10-10PR		
	Performance and other details							
4.01	Max. travelling speed,loaded/unloaded		km/h	18/20	18/20	18.5/20	18.5/20	18.5/20
4.02	Lifting speed, loaded/unloaded		mm/s	540/560	540/560	460/500	370/400	370/400
4.03	Lowering speed,loaded/unloaded		mm/s	loadeds600/unloadeds300				
4.04	MAX.gradeability,loaded/unloaded		%	20	20	20	20	20
4.05	Service weight(with oil & water)		kg	3600	3860	4200	4580	4760
4.06	Axle load, F/R(loaded)		kg	5050/560	5750/610	6480/720	7270/810	7700/860
4.07	Axle load, F/R(unloaded)		kg	1450/2150	1550/2310	1670/2530	1830/2750	1900/2860
4.08	Service brake			Power brake -pedal				
4.09	Parking brake			Mechanical-hand brake lever				
4.10	Transmission type			Mechanical reversing hydraulic transmission				
4.11	Fuel tanke capacity		L	60	60	70	70	70
4.12	Battery (voltage/capacity)		V/Ah	12/80				

Engine Optional

5 Series 2-3.8t

Optional Engines

Engine model	Displacement	Manufacturer	Rated power	Max. torque(Nm/rpm)	Bore/cylinder No./displaceme	Fuel concumprion	Applicable model
C490BPG-225	CHN II	XINCHAI	40kW/2200rpm	156/1800	90mm/4/2.67L	230g/kW.h	2-3.8T

Mast Specifications

Mast type	Mast model	h4 Max lifting height (mm)	Load capacity (J=500mm) (kg)					h3 Lowered Mast Height(mm)			h1 Free lifting Height (mm)			Mast tilting angle (°)a/β
			2T	2.5T	3T	3.5T	3.8T	2-2.5T	3T	3.5-3.8T	2-2.5T	3T	3.5-3.8T	2-3.8T
2 Stage Standard Mast	M200	2000	2000	2500	3000	3500	3800	1525	1555	1670	140	145	150	6/12
	M250	2500	2000	2500	3000	3500	3800	1775	1805	1920	140	145	150	6/12
	M270	2700	2000	2500	3000	3500	3800	1875	1905	2020	140	145	150	6/12
	M300	3000	2000	2500	3000	3500	3800	2025	2055	2170	140	145	150	6/12
	M330	3300	2000	2500	3000	3500	3800	2175	2205	2320	140	145	150	6/12
	M350	3500	2000	2500	3000	3500	3800	2275	2305	2420	140	145	150	6/12
	M370	3700	2000	2500	3000	3500	3800	2375	2405	2520	140	145	150	6/12
	M400	4000	2000	2500	2950	3200*3400	3600*3700	2575	2605	2720	140	145	150	6/8
	M425	4250	1850*2000	2250*2500	2850*3000	3100*3300	3350*3600	2700	2730	2845	140	145	150	6/8
	M450	4500	1600*1900	2100*2400	2600*2800	2900*3100	3100*3500	2825	2855	2970	140	145	150	6/8
	M475	4750	1400*1800	1900*2200	2350*2600	2700*2900	2900*3300	2950	2980	3095	140	145	150	6/8
	M500	5000	1300*1700	1600*1900	2100*2400	2400*2750	2700*3100	3075	3105	3220	140	145	150	6/8
	M550	5500	1200*1500	1200*1700	2000*2400	2200*2400	2350*2700	3375	3405	3520	140	145	150	3/6
	M600	6000	1000*1300	900*1400	1500*2000	1800*2200	1900*2350	3625	3655	3770	140	145	150	3/6
	Note: * means capacity of double front wheels.													
2 Stage Free Mast	ZM200	2000	2000	2500	3000	3500	3800	1525	1555	1670	910	860	895	6/12
	ZM250	2500	2000	2500	3000	3500	3800	1775	1805	1920	1160	1110	1145	6/12
	ZM270	2700	2000	2500	3000	3500	3800	1875	1905	2020	1260	1210	1245	6/12
	ZM300	3000	2000	2500	3000	3500	3800	2025	2055	2170	1410	1360	1395	6/12
	ZM330	3300	2000	2500	3000	3500	3800	2175	2205	2320	1560	1510	1545	6/12
	ZM350	3500	2000	2500	3000	3500	3800	2275	2305	2420	1660	1610	1645	6/12
	ZM370	3700	2000	2500	3000	3500	3650*3800	2375	2405	2520	1760	1710	1745	6/12
	ZM400	4000	2000	2500	2850	3250*3500	3550*3700	2575	2605	2720	1960	1910	1945	6/8
	ZM450	4500	1600*1900	2100*2400	2600*2800	2900*3100	3100*3500	2825	2855	2970	2210	2160	2195	6/8
	Note: 2.5T free lifting height with backrest minus 395mm. 3T free lifting height with backrest minus 380mm. 3.5-3.8T free lifting height with backrest minus 295mm.													
	Note: * means capacity of double front wheels.													
3 Stage Free Mast	ZSM360	3600	1900	2400	2900	3300	3700*3800	1840	1870		1225	1090	1095	6/8
	ZSM400	4000	1800*1900	2300	2800	3300	3500*3700	1975	2005		1360	1225	1230	6/8
	ZSM430	4300	1750*1900	2200*2400	2700*2900	2900*3100	3200*3600	2070	2100		1455	1320	1325	6/8
	ZSM450	4500	1600*1800	2000*2300	2500*2700	2800*3000	3100*3550	2140	2170		1525	1390	1395	6/8
	ZSM470	4700	1300*1700	1800*2100	2350*2550	2600*2800	2850*3350	2210	2240		1595	1460	1465	6/8
	ZSM480	4800	1250*1700	1700*2000	2250*2450	2500*2750	2800*3150	2240	2270		1625	1490	1495	6/8
	ZSM500	5000	1100*1600	1500*1800	2100*2300	2300*2600	2600*3100	2305	2335		1690	1555	1560	6/8
	ZSM550	5500	800*1300	1100*1500	1500*2000	1700*2200	2350*2800	2470	2500		1855	1720	1725	3/6
	ZSM600	6000	600*1100	800*1300	1200*1800	1300*2000	1650*2550	2690	2720		2075	1940	1945	3/6
	ZSM650	6500	400*800	600*1000	900*1500	1000*1600	1100*1800	2880	2910		2265	2130	2135	3/3
	ZSM700	7000	300*500	400*700	700*1200	700*1200	1000*1500	3085	3115		2470	2335	2340	3/3
	Note: 2-2.5T free lifting height with backrest minus 395mm. 3.5-3.8T free lifting height with backrest minus 295mm.													
	Note: * means capacity of double front wheels.													

Note: Load capacity is reduced 150kg with optional side shifter for 2-2.5t forklift, and 200kg for 3-3.8t forklift.