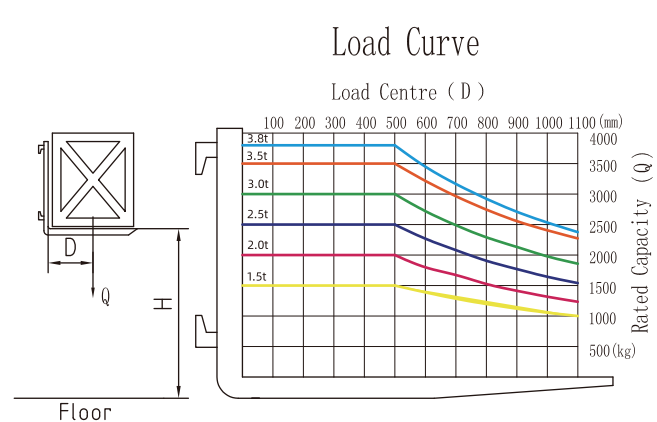


1.5-3.8t

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

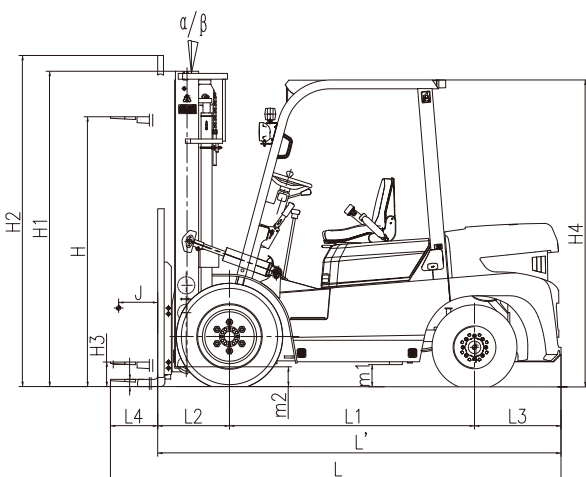
Load Curve



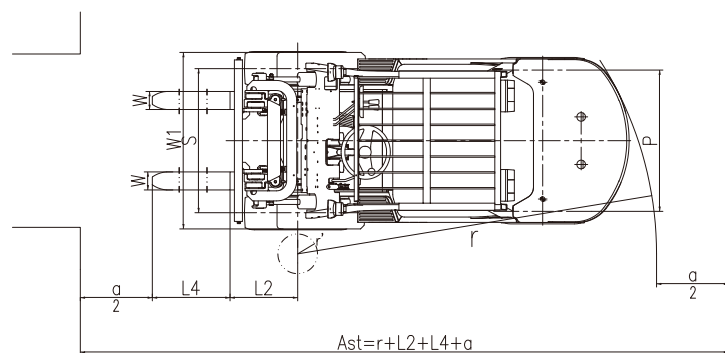
— 3.8t
— 3.5t
— 3.0t
— 2.5t
— 2.0t
— 1.5t

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



SINOMACH

SINOMACH-HI INTERNATIONAL EQUIPMENT CO.,LTD.



1.5-3.8t

FORKLIFT

CPCD15L/CPCD20L/CPCD25L/CPCD30L/CPCD35L/
CPCD38L



E-mail:sales@changlin.com.cn service@changlin.com.cn

V.24071



国机重工集团国际装备有限公司
SINOMACH-HI INTERNATIONAL EQUIPMENT CO.,LTD.



■ High Stability

New dynamic counterweight design technology makes the center of gravity move backward, which improves load capacity and safety of loaded driving greatly.

■ Energy Efficiency

Optimized design of cooling system and air duct. Cyclone air filter with large flow.

■ Operating comfort

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

■ Well-adapted

Steering wheel can be adjusted at a large Angle to meet different driving needs.

■ Convenient Maintenance

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

■ Safety and Reliable

Overall design frame and overhead guard with integral welded, Reduce vibration of whole machine and enhance frame strength.

Product details and advantages



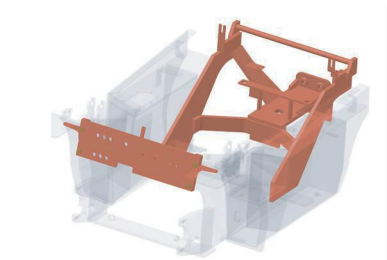
Dynamic counterweight design



Air filter and engine with National III emission standards



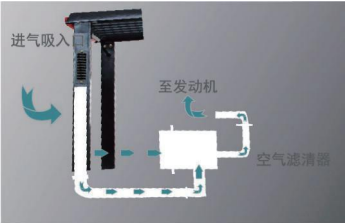
Integrated welding of overhead guard



Reinforced frame



Steering wheel angle is adjustable, suitable for a wide range of people



High air intake reduces dust entry

Overall Specifications1.5-3.8t

Specification									
1.01	Manufacturer			SINOMACH					
1.02	Model			CPCD15L	CPCD20L	CPCD25L	CPCD30L	CPCD35L	CPCD38L
1.03	Power type			Diesel					
1.04	Rated capacity	Q	kg	1500	2000	2500	3000	3500	3800
1.05	Load center	J	mm	500	500	500	500	500	500
Dimensions									
2.01	Max. height (with backrest)		mm	4030	4040	4040	4110	4110	4110
2.02	STD Max lifing height	H1	mm	3000	3000	3000	3000	3000	3000
2.03	Overhead guare height	H4	mm	2090	2110	2110	2130	2130	2140
2.04	Overall length (with fork)	L1	mm	3170	3590	3650	3855	3906	3996
2.05	Wheelbase	L2	mm	415	470	470	480	496	496
2.06	Front overhang	L3	mm	410	470	470	480	496	496
2.07	Rear overhang	L4	mm	440	410	470	545	580	530
2.08	Min ground clearance (Chassis/Mast)	m1/m2	mm	100/100	150/110	150/110	160/130	160/130	180/150
2.09	Overall width (outside)	W1	mm	1090	1160	1160	1240	1240	1290
2.10	Fork adjustment range		mm	200-960	243-1037	243-1037	252-1092	252-1092	300-1160
2.11	Fork size(STD)		mm	920×100×35	1070×120×40		1070×122×45	1070×122×50	1070×150×50
2.12	Front wheel tread	S	mm	890	970	970	1000	1000	1040
2.13	Rear wheel tread	P	mm	870	980	980	980	980	980
2.14	Min tuming radius(outside)	R1	mm	1950	2250	2300	2520	2540	2620
2.15	Min aisle widthfor pallet 1000x1200,crossways		mm	3560	3990	4040	4270	4306	4386
2.16	Min aisle width for pallet 800x1200.lengthways		mm	3760	4120	4170	4400	4436	4556
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		28×9-15-14PR		250-15-16PR
3.04	Tyres size,rear			5.00-8-10PR	6.00-9-10PR		6.50-10-10PR		6.5-10-10PR
Performance and other details									
4.01	Max. travelling speed,loaded/unloaded		km/h	14/15	18/20	18/20	18.5/20	18.5/20	23/24
4.02	Lifting speed, loaded/unloaded		mm/s	480/500	530/550	530/550	485/505	380/400	380/400
4.03	Lowering speed,loaded/unloaded		mm/s	loaded≤600/unloaded≥					
4.04	MAX. gradeability,loaded/unloaded		%	20	20	20	20	20	20/15
4.05	Service weight(with oil & water)		kg	2680	3420	3770	4140	4560	5000
4.06	Axle load, F/R(loaded)		kg	3760/420	4880/540	5640/630	6430/710	7250/810	7920/880
4.07	Axle load, F/R(unloaded)		kg	1070/1610	1370/2050	1510/2260	1660/2480	1830/2730	2001/2999
4.08	Service brake			Power brake -pedal					
4.09	Parking brake			Mechanical-hand brake lever					
4.10	Transmission type			Mechanical reversing hrdraulic transmission					
4.11	Fuel tanke capacity		L	40	50	50	60	60	80
4.12	Battery (voltage/capacity)		V/Ah	12/60	12/80				

Engine Optional1.5-3.8t

Optional Engines							
Engine model	Displacement	Manufacturer	Rated power	Max. torque(Nm/rpm)	Bore/cylinder No./displacement	Fuel concumprion	Applicable model
NC485BPG	CHN II	XINCHAI	30kW/2600rpm	131/1800	85mm/4/2.27L	235g/kw.h	1.5T
B02-082	CHN III	QUANCHAI	31kW/2600rpm	135/1800	85mm/4/2.3L	235g/kw.h	1.5T
4N23G31-002	CHN III	XINCHAI	30kW/2600rpm	131/1700-1900	85mm/4/2.27L	245g/kw.h	1.5T
C240	Euro IIIA	ISUZU	34.3kW/2500rpm	137.7/1800	86mm/4/2.369L	292g/kw.h	1.5T
C490BPG-47	Euro IIIA	XINCHAI	36.8kW/2650rpm	156/1800	90mm/4/2.67L	230g/kw.h	2-3T
C490BPG-225	CHN II	XINCHAI	40kW/2200rpm	156/1800	90mm/4/2.67L	230g/kw.h	2-3.8T
3E22YG51	Euro V	XINCHAI	44.8kW/2400rpm	220/1600	94mm/3/2.23L	220g/kw.h	2-3.8T
A498BT1-58	Euro IIIA	XINCHAI	36.8kW/2400rpm	180/1800	98mm/4/3.17L	230g/kw.h	3.8T
4D30G31	CHN III	XINCHAI	36.8kW/2500rpm	174/1900	95mm/4/2.97L	230g/kw.h	3.8T

Mast Specifications

Mast Type	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		
		1.5T	2T	2.5T	3T	3.5T	3.8T	1.5T	2-2.5T	3T	3.5T	3.8T	1.5T	2-2.5T	3T	3.5-3.8T	1.5T	2-3.8T		
2 Stage Standard Mast	M200	2000	1500	2000	2500	3000	3500	3800	1485	1525	1555	1670	1690	135	140	145	150	6/12	6/12	
	M250	2500	1500	2000	2500	3000	3500	3800	1735	1775	1805	1920	1940	135	140	145	150	6/12	6/12	
	M270	2700	1500	2000	2500	3000	3500	3800	1835	1875	1905	2020	2040	135	140	145	150	6/12	6/12	
	M300	3000	1500	2000	2500	3000	3500	3800	1985	2025	2055	2170	2190	135	140	145	150	6/12	6/12	
	M330	3300	1500	2000	2500	3000	3500	3800	2135	2175	2205	2320	2340	135	140	145	150	6/12	6/12	
	M350	3500	1500	2000	2500	3000	3500	3800	2235	2275	2305	2420	2440	135	140	145	150	6/12	6/12	
	M370	3700	1500	2000	2500	3000	3500	3800	2335	2375	2405	2520	2540	135	140	145	150	6/12	6/12	
	M400	4000	1400	2000	2500	2950	3200*3400	3600*3700	2535	2575	2605	2720	2740	135	140	145	150	6/6	6/8	
	M425	4250	1300	1850*2000	2250*2500	2850*3000	3100*3300	3350*3600	2660	2700	2730	2845	2865	135	140	145	150	6/6	6/8	
	M450	4500	1200	1600*1900	2100*2400	2600*2800	2900*3100	3100*3500	2785	2825	2855	2970	2990	135	140	145	150	6/6	6/8	
	M475	4750	1100	1400*1800	1900*2200	2350*2600	2700*2900	2900*3300	2910	2950	2980	3095	3115	135	140	145	150	6/6	6/8	
	M500	5000	1000	1300*1700	1600*1900	2100*2400	2400*2750	2700*3100	3035	3075	3105	3220	3240	135	140	145	150	6/6	6/8	
	M550	5500	800	1200*1500	1200*1700	2000*2400	2200*2400	2350*2700	3335	3375	3405	3520	3540	135	140	145	150	3/6	3/6	
	M600	6000	500	1000*1300	900*1400	1500*2000	1800*2200	1900*2350	3585	3625	3655	3770	3790	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	3800	1485	1525	1590	1690	1710	850	910	830	875	6/12	6/12	
	ZM250	2500	1500	2000	2500	3000	3500	3800	1735	1775	1840	1940	1960	1100	1160	1080	1125	6/12	6/12	
	ZM270	2700	/	2000	2500	3000	3500	3800	/	1875	1940	2040	2060	/	1260	1180	1225	/	6/12	
	ZM275	2750	1500	/	/	/	/	/	1860	/	/	/	/	1225	/	/	/	6/12	/	
	ZM300	3000	1500	2000	2500	3000	3500	3800	1985	2025	2090	2190	2210	1350	1410	1330	1375	6/12	6/12	
	ZM330	3300	1500	2000	2500	3000	3500	3800	2135	2175	2240	2340	2360	1500	1560	1480	1525	6/12	6/12	
	ZM350	3500	1500	2000	2500	3000	3500	3800	2235	2275	2340	2440	2460	1600	1660	1580	1625	6/12	6/12	
	ZM370	3700	/	2000	2500	3000	3500	3650*3800	/	2375	2440	2540	2560	/	1760	1680	1725	/	6/12	
	ZM375	3750	1500	/	/	/	/	/	2360	/	/	/	/	1725	/	/	/	6/12	/	
	ZM400	4000	1400	2000	2500	2850	3250*3500	3550*3700	2535	2575	2640	2740	2760	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. 3.5-3.8T 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	3700*3800	1785	1840	1870	1890	1150	1225	1075	1080	6/6	6/8		
	ZSM400	4000	1400	1800*1900	2300	2800	3300	3500*3700	1923	1975	2005	2025	1288	1360	1210	1215	6/6	6/8		
	ZSM430	4300	/	1750*1900	2200*2400	2700*2900	2900*3100	3200*3600	/	2070	2100	2120	/	1455	1305	1310	/	6/8		
	ZSM435	4350	1300	/	/	/	/	/	2035	/	/	/	1400	/	/	/	6/6	/		
	ZSM450	4500	1200	1600*1800	2000*2300	2500*2700	2800*3000	3100*3550	2085	2140	2170	2190	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	2800*3150	2185	2240	2270	2290	1550	1625	1475	1480	6/6	6/8		
	ZSM500	5000	950	1100*1600	1500*1800	2100*2300	2300*2600	2600*3100	2285	2305	2335	2355	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	2350*2800	/	2470	2500	2520	/	1855	1705	1710	/	3/6		
	ZSM600	6000	450	600*1100	800*1300	1200*1800	1300*2000	1650*2550	2635	2690	2720	2740	2000	2075	1925	1930	3/6	3/6		
	ZSM650	6500	200	400*800	600*1000	900*1500	1000*1600	1100*1800	2835	2880	2910	2930	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. 3.5-3.8T free lifting height with backrest minus 280mm.																			
	Note: * means capacity of double front wheels.																			