







1.Power system
Equipped with Chinese powerful and reliable engines with excellent environmental performance; Original imported Isuzu, Yanmar, Mitsubishi and Cummins engines are optional.

2.Security system
Equipped with OPS or ORS seat and brake switch to prevent incorrect operation and secure the driver and the forklift from all sides.

3.Environmental protection system
Install optional three-way catalytic device to lower the harmful emission beside of low emission engines; Adopt soundproof cotton to ease noise and high exhaust system as option to reduce dust.

1.0-4.5TON
BALANCE WEIGHT
TYPE FORKLIFT

DALIAN 大连叉车有限责任公司 DALIAN FORKLIFT CO.,LTD
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DALIAN PERFECT LIFTING FROM DALIAN

1.0-4.5 TON
BALANCE WEIGHT TYPE FORKLIFT



大连叉车有限责任公司
DALIAN FORKLIFT CO.,LTD

DALIAN 1.0-4.5TON

BALANCE WEIGHT TYPE FORKLIFT

1.0-4.5TON DIESEL FORKLIFT TRUCK

1	Manufacturer		DALIAN											
2	Model	Unit	CPC10	CPCD10	CPC15	CPCD15	CPC18	CPCD18	CPC20	CPCD20	CPC25	CPCD25	CPC30	CPCD30	CPC35	CPCD35	CPCD40	CPC45
3	Power type		Diesel															
4	Rated capacity	kg	1000		1500		1800		2000		2500		3000		3500		4000	4500
5	Load center	mm	500															
6	Operator type		Drive in seat															
SIZE																		
7	Max. lift height of mast with load-backrest	mm	4030		4030		4030		4030		4030		4262		4262		4275	4280
8	Max.lift height of fork(standard)	mm	3000		3000		3000		3000		3000		3000		3000		3000	3000
9	Height of mast (standard)	mm	1985		1985		1985		2000		2000		2065		2180		2150	2330
10	Free lift height(standard)	mm	125		125		125		170		170		160		170		150	150
11	Height of load-backrest	mm	1010		1010		1010		1010		1010		1240		1235		1235	1195
12	Distance from seat to overhead guard	mm	1015						1000									
13	Overhead guard height	mm	2070						2070		2070		2090		2090		2105	2290
14	Overall length without fork	mm	2160		2230		2270		2502		2576		2682		2693		2895	3105
15	Front overhang	mm	420		420		420		477		477		479		498		500	565
16	Rear overhang	mm	350		424		461		420		494		495		495		495	540
17	Wheel base	mm	1400		1400		1400		1600		1600		1700		1700		1900	2000
18	The height of traction pin	mm	230		230		230		290		290		310		310		330	350
19	Min. ground clearance	mm	100		100		100		110		110		135		135		130	160
20	Overall width	mm	1070		1070		1070		1170		1170		1225		1225		1410	1480
21	The distance between forks	mm	910/125		910/125		910/125		1024/200		1024/200		1060/250		1060/250		1290/260	1370/300
22	Tread(front /rear)	mm	890/920		890/920		890/920		970/970		970/970		1000/970		1000/970		1160/1065	1180/1190
23	Min. turning radius(outside)	mm	1980		2060		2060		2170		2240		2400		2420		2700	2780
24	Min. turning radius(inside)	mm	130		130		130		160		160		200		200		230	270
25	Min. intersecting aisle	mm	1785		1865		1865		2200		2280		2380		2400		2685	3365
26	Mast tilt angle	deg	6° / 12°															
27	Fork size	mm	920X100X35		920X100X35		920X100X40		1070X100X40		1070X100X45		1070X125X45		1070X125X50		1070X130X50	1070X150X50
PERFORMANCE																		
28	Max.drive speeds(with/without full load)	km/h	13.5/145		13.5/145		13.5/145		17/19		17/19		18/19		19/19		18/19	18/19
29	Speeds Lifting speeds (with /without full load)	mm/s	460/500		460/500		460/500		530/550		530/550		440/480		330/370		350/380	400/450
30	Lowering speeds(with /without full load)	mm/s	450/550		450/550		450/550		450/550		450/550		450/500		350/400		350/400	350/400
31	Max. tractive force(with/without full load)	kn	20/15	21/15	21/15	21/15	21/15	20/16	20/16	20/15	21/15	20/15	21/15	21/15	20/16	20/16	20/16	20/16	20/16	20/16	20/16	20/18	20/19
32	Max.grade ability (with/without full load)	%	17/20	17/20	18/20	23/20	20/20	20/20	21/20	27/20	18/20	23/20	20/20	20/20	15/20	16.5/20	15/18	18/20
WEIGHT																		
33	Total weight	kg	2280		2680		2890		3320		3680		4270		4700		5310	6400
34	Weight distribution full load (front/ rear)	kg	2830/390		3640/520		4040/600		4788/532		5562/618		6543/727		7380/820		8380/930	9540/1360
35	Weight distribution zero load(front / rear)	kg	1220/1000		1170/1490		1140/1750		1328/1922		1420/2208		1708/2562		1880/2820		2120/3190	2630/3770
WHEELS AND TYRES																		
36	Quantity of wheels		2 X / 2															
37	Type of tyres		Penumatic tyres															
38	Tires Front		6.50-10-10PR		6.50-10-10PR		6.50-10-10PR		7.00-12-12PR		7.00-12-12PR		28X9-15-12PR		28X9-15-12PR		250-15-16PR	300-15-18PR
39	Tires Rear		5.00-8-10PR		5.00-8-10PR		5.00-8-10PR		6.00-9-10PR		6.00-9-10PR		6.50-10-10PR		6.50-10-10PR		6.50-10-10PR	7.00-12-12PR
40	Driving brake		Hydraumatic Pedal															
41	Parking brake		Mechanical manual															
CONTROL DEVICE FOR DRIVING AND TRANSMITTING																		
42	Battery	v/ah	12 / 80															(12 / 80)*2
43	Engine (standard) Model		XINCHANG NC485BPG						XINCHANG C490BPG						XINCHANG A490BPG		XINCHANG A498BPG	XINCHANG 4D35G
44	Engine (standard) Rated output	kw/rpm	30/2600						40/2650						42/2650		45/2500	48/2200
45	Engine (standard) Rated torque	n.m/rpm	131/1800						160/1800-1900						174/1800-1900		198/1800	230/1600-1800
46	Engine (standard) No.of cylinder		4-85X100						4-90X105						4-95X105		4-98X105	4-98X105
47	Engine (standard) Displacement	L	2.27						2.67						2.98		3.168	3.46
48	Fuel tank capacity	L	45						60						60		70	80
49	Number of speeds for transmission		manual pallet transmission / Power pallet transmission															

BALANCE WEIGHT TYPE FORKLIFT

2-4.5TON WIDE VIEW MAST

Mast type	Max.lift height (mm)	Rated capacity(load center:500mm)(kg)						Mast height(mm)					Mast tilt angle (front/rear)
		2.0TON	2.5TON	3.0TON	3.5TON	4.0TON	4.5TON	2.0-2.5TON	3.0TON	3.5TON	4.0TON	4.5TON	
KM200	2000	2000	2500	3000	3500	4000	/	1495	1565	1520	1650	/	6/12
KM250	2500	2000	2500	3000	3500	4000	/	1745	1815	1770	1900	/	6/12
KM270	2700	2000	2500	3000	3500	4000	/	1845	1915	1870	2000	/	6/12
KM300	3000	2000	2500	3000	3500	4000	4500	1995	2065	2120	2150	2330	6/12
KM330	3300	2000	2500	3000	3500	4000	/	2145	2215	2170	2300	/	6/12
KM350	3500	2000	2500	3000	3500	4000	4500	2245	2315	2270	2400	2580	6/12
KM370	3700	2000	2500	3000	3500	4000	/	2345	2415	2370	2500	/	6/6 *6/12
KM400	4000	2000	2500	3000	3300 *3500	3700 *4000	4250 *4500	2545	2615	2570	2700	2880	6/6 *6/12
KM425	4250	1800 *2000	2200 *2500	2850 *3000	3200 *3500	3400 *3800	/	2670	2740	2695	2825	/	6/6 *6/12
KM450	4500	1600 *1900	2100 *2400	2600 *3000	2900 *3100	3100 *3500	4000 *4250	2795	2865	2820	2950	3130	6/6 *6/12
KM500	5000	1200 *1700	1600 *1900	2100 *2850	2400 *2750	2600 *3200	3600 *4000	3045	3115	3070	3200	3380	6/6 *6/6
KM550	5500	950 *1500	1200 *1700	*2400	1800 *2400	2100 *2600	/	3345	3415	3370	3500	/	*3/6
KM600	6000	800 *1200	900 *1400	*2200	1400 *2200	1600 *2400	2500 *3000	3595	3665	3620	3750	3930	*3/6

Remarks: (1) * reprents the load capacity when with double front tyres

2-4.5TON WIDE VIEW FULL FREE 2-STAGE MAST

Mast type	Max.lift height (mm)	Rated capacity(load center:500mm)(kg)						Mast height(mm)					Free lifting(with backrest)					Mast tilt angle (front/rear)
		2.0TON	2.5TON	3.0TON	3.5TON	4.0TON	4.5TON	2-2.5TON	3.0TON	3.5TON	4.0TON	4.5TON	2-2.5TON	3.0TON	3.5TON	4.0TON	4.5TON	
ZM200	2000	2000	2500	3000	3500	4000	4500	1495	1565	1595	1650	1880	495	325	370	413	645	6/12
ZM250	2500	2000	2500	3000	3500	4000	4500	1745	1815	1845	1900	2130	745	575	620	663	895	6/12
ZM300	3000	2000	2500	3000	3500	4000	4500	1995	2065	2095	2150	2380	995	825	870	913	1145	6/12
ZM330	3300	2000	2500	3000	3500	4000	4500	2145	2215	2245	2330	2530	1145	975	1020	1063	1295	6/12
ZM350	3500	2000	2500	3000	3500	4000	4500	2245	2315	2345	2400	2630	1245	1075	1120	1163	1395	6/6 *6/12
ZM370	3700	2000	2500	2850 *3000	3500	4000	2850 *4500	2345	2415	2445	2500	2755	1370	1175	1220	1263	1520	6/6 *6/12
ZM400	4000	2000	2500	2700 *3000	3300 *3500	3700 *4000	2700 *4500	2545	2615	2645	2700	2930	1545	1375	1420	1413	1695	6/6 *6/12
ZM425	4250	1900 *2000	2250 *2500	2550 *2850	3200 *3500	3400 *3800	/	2670	2740	2770	2825	/	1670	1500	1545	1538	/	6/6 *6/12
ZM450	4500	1800 *1900	2150 *2400	2400 *2700	2900 *3100	3100 *3500	2400 *4500	2795	2865	2895	2950	3180	1795	1625	1670	1663	1945	6/6 *6/6
ZM500	5000	1600 *1700	1650 *2200	2000 *2400	2400 *2750	2600 *3200	2000 *2400	3045	3115	3145	3200	3430	2045	1875	1920	1913	2195	*3/6
ZM550	5500	*1600	*1950	1600 *2200	1800 *2400	2100 *2600	1600 *2200	3345	3415	3445	3500	3730	2345	2175	2220	2163	2495	*3/6
ZM600	6000	*1500	*1800	1200 *1900	1400 *2200	1600 *2400	1200 *1900	3595	3665	3695	3750	3980	2595	2475	2470	2413	2745	*3/6

Remarks: (1)The free lifting height (without backrest): 2-2.5Ton: +435mm; 3-3.5Ton: +580mm; 4-4.5Ton: +535mm;
(2) * reprents the load capacity when with double front tyres

2-4.5TON WIDE VIEW FULL FREE 3-STAGE MAST

Mast type	Max.lift height (mm)	Rated capacity(load center:500mm)(kg)						Mast height(mm)					Free lifting(with backrest)					Mast tilt angle (front/rear)
		2TON	2.5TON	3TON	3.5TON	4TON	4.5TON	2-2.5TON	3TON	3.5TON	4TON	4.5TON	2-2.5TON	3TON	3.5TON	4TON	4.5TON	
SM360	3600	2000	2500	3000	3500	4000	4500	1695	1765	1820	1860	2080	655	528	588	623	840	6/6 *6/6
SM400	4000	2000	2500	3000	3500	4000	4500	1860	1898	1953	1993	2213	778	661	721	756	947	6/6 *6/6
SM435	4350	1750 *1900	1950 *2300	2800 *2850	3100 *3200	3300 *4000	4100 *4300	1945	2015	2070	2110	2330	905	778	838	873	1090	6/6 *6/6
SM450	4500	1600 *1800	1700 *2200	2500 *2700	2800 *3000	3000 *3500	3900 *4100	1995	2065	2120	2160	2380	995	828	888	923	1140	6/6 *6/6
SM480	4800	1250 *1700	1500 *2000	2250 *2450	2500 *2750	2700 *3200	3700 *3900	2095	2165	2220	2260	2480	1055	928	988	1023	1240	6/6 *6/6
SM500	5000	1100 *1600	1300 *1800	2100 *2300	2300 *2600	2500 *3000	3400 *3700	2165	2232	2287	2372	2547	1121	995	1055	1090	1307	6/6 *6/6
SM550	5500	850 *1300	1100 *1600	1600 *2100	1700 *2300	2000 *2500	3100 *3400	2330	2398	2453	2493	2713	1288	1161	1221	1265	1474	3/6 +3/6
SM600	6000	700 *1100	800 *1300	1200 *1900	1300 *2100	1500 *2300	2700 *3100	2550	2615	2670	2710	2930	1505	1378	1438	1473	1690	3/6 +3/6

Remarks: (1)The free lifting height (without backrest): 2-2.5Ton: +435mm; 3-3.5Ton: +580mm; 4-4.5Ton: +535mm
(2) * reprents the load capacity when with double front tyres