





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

2.Heavy-duty driving axle .
Install heavy-duty driving axle to ensure safety work at bad working conditions.

3.Hydraulic system
Adopt advanced load sense technology which offers flow for steering system to save energy, protect environment, and lower the system heat.

5-10TON
BALANCE WEIGHT TYPE FORKLIFT

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DALIAN

PERFECT LIFTING FROM DALIAN

5-10TON

BALANCE WEIGHT TYPE FORKLIFT



大连叉车有限责任公司
DALIAN FORKLIFT CO.,LTD

DALIAN 5-10TON

BALANCE WEIGHT TYPE FORKLIFT

5-10TON DIESEL FORKLIFT TRUCK

MAIN INFORMATION								
1	Manufacturer		DALIAN					
2	Model	Unit	CPCD50S	CPCD50	CPCD60	CPCD70	CPCD80	CPCD100
3	Power type		Diesel					
4	Rated capacity	kg	5000	5000	6000	7000	80000	10000
5	Load center	mm	500		600			
6	Operator type		Drive in seat					
SIZE								
7	Max. lift height of mast with load-backrest	mm	4280	4380	4380	4380	4380	4320
8	Max.lift height of fork(standard)	mm	3000	3000	3000	3000	3000	3000
9	Height of mast (standard)	mm	2330	2500	2500	2500	2500	2840
10	Free lift height(standard)	mm	140	205	205	205	205	100
11	Height of load-backrest	mm	1240	1372	1372	1372	1372	1015
12	Distance from seat to overhead guard	mm	1000	1045				1080
13	Overhead guard height	mm	2245	2450	2450	2450	2450	2560
14	Length without fork	mm	3110	3440	3440	3440	3600	4270
15	Front overhang	mm	565	590	590	590	590	720
16	Rear overhang	mm	553	600	660	740	760	742
17	Wheel base	mm	2100	2250	2250	2350	2350	2800
18	The height of traction pin	mm	350	395	395	395	395	520
19	Min. ground clearance	mm	190	200	200	200	200	225
20	Overal width	mm	1480	1995	1995	1995	1995	2165
21	The distance between forks	mm	1370/300	1840/300	1840/300	1840/300	1840/300	2460/450
22	Tread(front /rear)	mm	1180/1190	1470/1700	1470/1700	1470/1700	1470/1700	1690/1800
23	Min. turning radius(outside)	mm	2740	3250	3370	3370	3370	4080
24	Min. turning radius(inside)	mm	270	210	210	210	210	210
25	Min. intersecting aisle	mm	3365	2960	3040	3040	3060	3540
26	Mast tilt angle	deg	6°/12°					
27	Fork size	mm	1220X150X55	1220X150X55	1220X150X60	2200X150X70	1220X150X75	1220X175X80
PERFORMANCE								
28	Speeds Max.drive speed(with/without full load)	km/h	18/19	26/28	26/28	26/28	26/28	20/22
29	Speeds Lifting speeds (with load)	mm/s	400	510	510	500	480	340
30	Speeds Lowering speeds(with /without full load)	mm/s	350/400	600 / 300	600 / 300	600 / 300	600 / 300	600 / 300
31	Max. tractive force	kn	20	65	65	65	65	58
32	Max.grade ability (with/without full load)	%	18/20	35/18	32/18	30/18	28/18	22
WEIGHT								
33	Total weight	kg	6400	8160	8640	9340	9650	12860
34	Weight distribution full load (front/ rear)	kg	9540/1360	11810/1350	13060/1580	14560/1780	14880/1970	20480/2170
35	Weight distribution zero load(front / rear)	kg	2630/3770	4100/4060	3800/4760	3860/5500	4070/5800	5770/6980
WHEELS AND TYRES								
36	Quantity of wheels		2 X / 2		4X / 2			
37	Type of tyres		Pneumatic tyres					
38	Tires Front		300-15-18PR	8.25-15-14PR	8.25-15-14PR	8.25-15-14PR	8.25-15-14PR	9.00-24-14PR
39	Tires Rear		7.00-12-12PR	8.25-15-14PR	8.25-15-14PR	8.25-15-14PR	8.25-15-14PR	9.00-24-14PR
40	Driving brake		Hydraumatic pedal					
41	Parking brake		Mechanical manual					
CONTROL DEVICE FOR DRIVING AND TRANSMITTING								
42	Battery	v/ah	24v/2X80					
43	Engine (standard) Model		XICHAI 4110		XICHAI 6110			
44	Engine (standard) Rated output	kw/rpm	60/2200		83/2000			
45	Engine (standard) Rated torque	n.m/rpm	305/1400-1600		450/1450			
46	Engine (standard) No.of cylinder		4X110X125		6-100X125			
47	Engine (standard) Displacement	L	4.752		7.13			
48	Fuel tank capacity	L	100		140			
49	Number of speeds for transmission		2-2 Power shift transmission					

BALANCE WEIGHT TYPE FORKLIFT

5-10TON WIDE VIEW MAST

Mast type	Max.lifting height (mm)	Rated capacity load center,600mm(kg)						Mast height(mm)			Mast tiltangle (front/rear)
		small$TON	5TON	6TON	7TON	8TON	10TON	small $TON	5-8TON	10TON	
KM300	3000	5000	5000	6000	7000	8000	10000	2330	2500	2340	6/12
KM330	3300	5000	5000	6000	7000	8000	10000	/	2650	2840	6/12
KM350	3500	5000	5000	6000	7000	8000	10000	2580	2750	3090	6/12
KM370	3750	5000 *4500	5000	6000	7000	8000	10000	/	2850	3140	
KM400	4000	5000 *4300	5000	6000	7000	8000	10000	2880	3050	3390	6/12
KM450	4500	4450 *4100	4800	5800	6800	7700	9000	3130	3300	3640	6/6
KM500	5000	4200 *3700	4600	5600	6600	7400	8500	3380	3550	3890	6/6
KM550	5500	3850 *3300	4400	5400	6300	7000	8000	/	3850	4190	3/6
KM600	6000	3500 *2700	4200	5200	6000	6700	7500	3930	4150	4440	3/6

Remarks: (1)The small STON load center distance:500mm (2)*reprents the load capacity when with single front tyre

5-10TON WIDE VIEW FULL FREE 2-STAGE MAST

Mast type	Max.lift height(mm)	Rated capacity(load center,600mm)(kg)						Mast height(mm)			Free lifting(with backrest)			Mast tiltangle (front/rear)
		small $TON	5TON	6TON	7TON	8TON	10TON	small $TON	5-8TON	10TON	small $TON	5-8TON	10TON	
ZM300	3000	5000	5000	6000	7000	8000	10000	2330	2675	2340	1145	1087	1610	6/12
ZM330	3300	5000	5000	6000	7000	8000	10000	/	2825	2840	1295	1237	1760	6/12
ZM350	3500	5000	5000	6000	7000	8000	10000	2580	2925	3090	1395	1337	1860	6/12
ZM370	3700	5000 *4500	5000	6000	7000	8000	10000	/	3050	3140	1520	1462	1960	6/12
ZM400	4000	5000 *4300	5000	6000	7000	8000	10000	2880	3225	3390	1695	1637	2120	6/12
ZM450	4500	4450 *4100	4650	5650	6600	7350	8750	3130	3300	3640	1945	1887	2370	6/6
ZM500	5000	4200 *3700	4500	5500	6400	7250	8300	3380	3550	3890	2195	2137	2620	6/6
ZM550	5500	3850 *3300	4250	5250	6150	6900	7800	/	3850	4190	2495	2437	2870	3/6
ZM600	6000	3500 *2700	4000	5000	6000	6550	7300	3930	4100	4440	2745	2687	3120	3/6

Remarks: (1)The small STON load center distance:500mm (2)*represent the bearing capacity of a tyre
(3) The free lifting height (without backrest):5-8Ton:=445mm

5-10TON WIDE VIEW FULL FREE 3-STAGE MAST

Mast type	Max.lift height (mm)	Rated capacity(load center,600mm)(kg)						Mast height(mm)			Free lifting(with backrest)			Mast tiltangle (front/rear)
		small $TON	5TON	6TON	7TON	8TON	10TON	small $TON	5-8TON	10TON	small $TON	10TON	10TON	
SM360	3600	5000	5000	6000	7000	8000	10000	2080	2375	2570	840	1015	1310	6/6
SM400	4000	5000 *3750	5000	6000	7000	8000	10000	2213	2510	2700	974	1150	1440	6/6
SM435	4350	4400 *3650	4600	5600	6600	7350	8750	2330	2625	2800	1090	1265	1560	6/6
SM450	4500	4150 *3450	4400	5400	6400	7200	8500	2380	2675	2870	1140	1315	1610	6/6
SM480	4800	3800 *3200	4200	5200	6200	7050	8250	2480	2775	2970	1240	1415	1710	6/6
SM500	5000	3600 *3450	4000	5000	6000	6850	8050	2547	2840	3035	1307	1485	1775	3/6
SM550	5500	3200 *2450	3700	4700	5800	6650	7700	2713	3010	3225	1474	1650	1960	3/6
SM600	6000	2900 *2050	3400	4400	5400	6400	7150	2930	3225	3425	1690	1865	2165	3/6

Remarks: (1)The small STON load center distance:500mm (2)*represent the bearing capacity of a tyre
(3) The free lifting height (without backrest):5-8Ton:=445m