LG50DT(Compact)/LG50DTIII/LG60DTIII/LG70DTIII overall specifications

Identification	1.1	Manufacturer			LONKING	LONKING	LONKING	LONKING
	1.2	Model			LG50DT(Compact)	LG50DTIII	LG60DTIII	LG70DTIII
	1.4	Power type (electric,diesel, petrol LPG)			Diesel	Diesel	Diesel	Diesel
	1.5	Type of operation:hand,pedestrian,standing,seated,order-picker			Seated	Seated	Seated	Seated
	1.6	Load capacity/rated load		kg	5000	5000	6000	7000
	1.7	Load center distance	J	mm	500	600	600	600
	1.8	Front overhang	L3	mm	555	595	595	600
	1.9	Rear overhang	L4	mm	584	600	675	720
	2.0	Wheelbase	L2	mm	2000	2300	2300	2300
Weights	2.1	Dead weight		kg	7000	8250	8950	9600
	2.2	Axle loading,loaded front/rear		kg	\	\	\	\
	2.3	Axle loading,unloaded front/rear		kg	2600/4400	3650/4650	\	\
Wheels,Chassis	3.1	Tires:pneumatic,solid rubber			pneumatic	pneumatic	pneumatic	pneumatic
	3.2	Tires size,front			300-15-18PR	8.25-15-14PR	8.25-15-14PR	8.25-15-14PR
	3.3	Tires size,rear			7.0-12-12PR	8.25-15-14PR	8.25-15-14PR	8.25-15-14PR
	3.4	Wheels,number front / rear(X=driven wheels)			X=2/2	X=4/2	X=4/2	X=4/2
	3.5	Track width,front	S	mm	1180	1470	1470	1470
	3.6	Track width,rear	P	mm	1190	1700	1700	1700
Basic Dimensions	4.11	Mast/fork carriage tilt forward backward	α/β	degrees	6/12	6/12	6/12	6/12
	4.12	Lowered mast height	h2	mm	2245	2500	2500	2500
	4.13	Free lift height	h3	mm	150	200	200	205
	4.14	STD Max lift height	h1	mm	3000	3000	3000	3000
	4.15	Overhead guard height	h4	mm	2250	2450	2450	2450
	4.16	Distance from seat to overhead guard	SIP	mm	\	1050	1050	1050
	4.17	Overall length	L1	mm	4209	4715	4790	4840
	4.18	Length to face of forks	L6	mm	2989	3495	3570	3620
	4.19	Overall width	W1	mm	1480	1995	1995	1995
	4.2	Fork dimensions(hook type)	L5×W×T	mm	1070×150×55	1220×150×60	1220×150×60	1220×150×65
	4.21	Fork carriage ISO 2328, class / type A,B			3/A	3/A	3/A	3/A
	4.22	Fork-carriage width		mm	1380	1845	1845	1845
	4.23	Ground clearance, under mast	m2	mm	175	200	200	200
	4.24	Ground clearance,centre of wheelbase	m1	mm	215	230	230	230
	4.25	Aisle width for pallets 1,000x1,200 crossways (LxW)	AST	mm	4535	5040	5100	5170
	4.26	Aisle width for pallets 800x1,200 lengthways (WxL)	AST	mm	\	\	\	\
	4.27	Turning radius	R1	mm	2780	3240	3300	3370
Performance Data	5.1	Max.traveling speed, unloaded		km/h	25	29	29	29
	5.2	Max.lifting speed, loaded/ unloaded		mm/s	460/520	510/530	510/530	500/530
	5.3	Lowering speed, loaded/unloaded		mm/s	< 600	< 600	< 600	< 600
	5.7	Max.gradient		%	21	38	35	32
	5.9	Service brake			Hydraulic	Hydraulic	Hydraulic	Hydraulic
	5.10	Parking brake			Hand	Hand	Hand	Hand
Other Details	7.1	Operating pressure		Mpa	18.5	19.6	19.6	19.6
	7.2	Fuel tank capacity		L	90	140	140	140
	7.4	Type of drive			Automatic	Automatic	Automatic	Automatic

Optional Engine(for Compact 5t)					
Engine Model	Manufacturer	Rated Power(kw/rpm)	Max.Torque(Nm/rpm)	Bore/Number of Cylinders/Displacement (mm/L)	Fuel Consumption(g/KW·h)
CA4DX23	Xichai	60/2200	320/1500	102/4/3.8	230
S6S	Mitsubishi	52/2300	248/1700	94/6/4.96	260
YN4EL	Yunnei	62.5/2200	320/1600	102/4/3.8	215

Optional Engine(for5t&6t&7t)					
Engine Model	Manufacturer	Rated Power(kw/rpm)	Max.Torque (Nm/rpm)	Bore/Number of Cylinders/Displacement (mm/L)	Fuel Consumption(g/KW·h)
CA6110/125G2	China	83/2000	450/1400 ~ 1500	110/6/7.127	230
CA4DF3	China	85/2200	460/1500 ~ 1600	110/4/4.75	230
CY6B332	Chaochai	85/2200	450/1400 ~ 1600	102/6/5.87	235
YC4A125-T300	Yuchai	92/2200	480/1400 ~ 1800	108/4/4.83	225
6BG1	ISUZU	82/2000	416/1500	105/6/6.494	292
YN4F	Yunnei	85/2200	460/1400 ~ 1600	102/4/4	215

LG50DT(Compact)/LG50DTIII/LG60DTIII/LG70DTIII mast specifications

Item	Lift height	LG50DT(Compact)				LG50DTIII				LG60DTIII				LG70DTIII				F/R(°)
	h1(mm)	c(kg)	h2(mm)	h3(mm)	h5(mm)	c(kg)	h2(mm)	h3(mm)	h5(mm)	c(kg)	h2(mm)	h3(mm)	h5(mm)	c(kg)	h2(mm)	h3(mm)	h5(mm)	
2 Stage Standard Mast	2000	\	\	\	\	5000	2000	211	206	6000	2000	211	206	7000	2000	211	206	6/12
	2500	5000	1995	155	155	5000	2250	211	206	6000	2250	211	206	7000	2250	211	206	6/12
	2700	\	\	\	\	5000	2350	211	206	6000	2350	211	206	7000	2350	211	206	6/12
	2750	5000	2120	155	155	\	\	\	\	\	\	\	\	\	\	\	\	6/12
	3000	5000	2245	155	155	5000	2500	211	206	6000	2500	211	206	7000	2500	211	206	6/12
	3250	\	\	\	\	\	\	\	\	\	\	\	\	\	\	\	\	6/12
	3300	5000	2395	155	155	5000	2650	211	206	6000	2650	211	206	7000	2650	211	206	6/12
	3500	5000	2495	155	155	5000	2750	211	206	6000	2750	211	206	7000	2750	211	206	6/12
	3750	5000	2620	155	155	5000	2875	211	206	6000	2875	211	206	7000	2875	211	206	6/12
	4000	5000	2795	155	155	5000	3050	211	206	6000	3050	211	206	7000	3050	211	206	6/12
	4250	4700	2920	155	155	5000	3175	211	206	6000	3175	211	206	7000	3175	211	206	6/(6)12
	4500	4500	3045	155	155	5000	3300	211	206	6000	3300	211	206	7000	3300	211	206	6/(6)12
	4750	4250	3170	155	155	5000	3425	211	206	6000	3425	211	206	7000	3425	211	206	6/6
	5000	4000	3295	155	155	5000	3550	211	206	6000	3550	211	206	7000	3550	211	206	6/6
	5500	3600	3545	155	155	4750	3850	211	206	5700	3850	211	206	6600	3850	211	206	3/6
	6000	3300	3795	155	155	4400	4100	211	206	5400	4100	211	206	6400	4100	211	206	3/6
2 Stage Free Mast	2000	5000	1770	960	545	\	\	\	\	\	\	\	\	\	\	\	\	6/12
	2100	\	\	\	\	5000	2050	1078	615	6000	2050	1078	615	7000	2050	1078	615	6/12
	2400	\	\	\	\	5000	2200	1228	765	6000	2200	1228	765	7000	2200	1228	765	6/12
	2500	5000	2020	1210	795	5000	2250	1278	815	6000	2250	1278	815	7000	2250	1278	815	6/12
	2700	5000	2120	1310	895	\	\	\	\	6000	\	\	\	7000	\	\	\	6/12
	2750	\	\	\	\	5000	2375	1403	940	6000	2375	1403	940	7000	2375	1403	940	6/12
	3000	5000	2270	1460	1045	5000	2500	1528	1065	6000	2500	1528	1065	7000	2500	1528	1065	6/12
	3250	\	\	\	\	\	\	\	\	6000	\	\	\	7000	\	\	\	6/12
	3300	5000	2420	1610	1195	5000	2650	1678	1215	6000	2650	1678	1215	7000	2650	1678	1215	6/12
	3500	5000	2520	1710	1295	5000	2750	1778	1315	6000	2750	1778	1315	7000	2750	1778	1315	6/12
	3750	5000	2645	1835	1420	5000	2875	1903	1440	6000	2875	1903	1440	7000	2875	1903	1440	6/12
	4000	4800	270	2010	1595	4800	3050	2078	1565	5800	3050	2078	1565	6800	3050	2078	1565	6/6
	4250	\	\	\	\	4700	3175	2203	1690	5700	3175	2203	1690	6700	3175	2203	1690	6/6
	4500	\	\	\	\	4600	3300	2328	1815	5600	3300	2328	1815	6600	3300	2328	1815	6/6
3 Stage Free Mast	3600	4800*5000	1944	1028	777	5000	2275	1390	835	6000	2275	1390	835	7000	2275	1390	835	6/12
	4000	4500*4750	2078	1296	1045	4800	2410	1520	970	5800	2410	1520	970	6800	2410	1520	970	6/6
	4350	4250*4500	2194	1412	1161	4600	2525	1636	1085	5600	2525	1636	1085	6600	2525	1636	1085	6/6
	4500	4100*4250	2245	1463	1212	4600	2575	1686	1135	5600	2575	1686	1135	6600	2575	1686	1135	6/6
	4800	3800*4000	2345	1563	1312	4500	2680	1790	1240	5600	2680	1790	1240	6400	2680	1790	1240	6/6
	5000	3500*3750	2444	1662	1411	4500	2745	1860	1305	5600	2745	1860	1305	6200	2745	1860	1305	6(3)/6
	5400	2950*3350	2569	1787	1536	4200	2880	1990	1440	5300	2880	1990	1440	6000	2880	1990	1440	3/6
	6000	2300*2950	2810	2028	1777	4000	3080	2190	1640	5000	3080	2190	1640	5600	3080	2190	1640	3/6
	6300	\	\	\	\	3300	3220	2290	1780	4300	3220	2290	1780	5300	3220	2290	1780	3/3
	6500	1800*2700	2977	2195	1944	3100	3345	2360	1905	4100	3345	2360	1905	5100	3345	2360	1905	3/3
	7000	\	\	\	\	2500	3455	2520	2015	3500	3455	2520	2015	4500	3455	2520	2015	3/3

h1=Max.Lift Height; c=Load Capacity; h2=Lowered Mast Height; h3=Free Lift Height(without backrest) ; h4=Overhead guard height; h5=Free Lift Height(with backrest); F/R=Tilting Angle F/R; and the digital after * in this table shows the load capacity of machine with double front tires optional.



