

LG50DT/LG60DT/LG70DT overall specifications



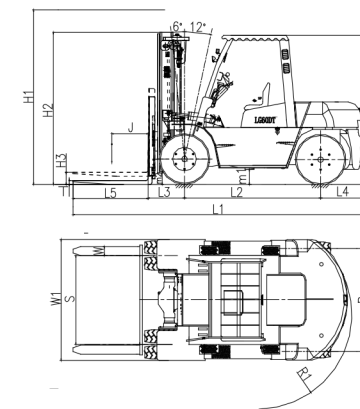
LG50DT/LG60DT/LG70DT mast specifications



Identification	1.1	Manufacturer		LONKING	LONKING	LONKING	
	1.2	Model		LG50DT	LG60DT	LG70DT	
1.4	Power type (electric,diesel, petrol LPG)		Diesel	Diesel	Diesel		
1.5	Type of operation:hand,pedestrian,standing,seated,order-picker		Seated	Seated	Seated		
1.6	Load capacity/rated load		kg	5000	6000	7000	
1.7	Load center distance	J	mm	600	600	600	
1.8	Front overhang	L3	mm	595	595	595	
1.9	Rear overhang	L4	mm	600	695	695	
2.0	Wheelbase	L2	mm	2250	2250	2250	
Weights	2.1	Dead weight	kg	8250	9240	9740	
	2.2	Axle loading,loaded front/rear	kg	/	13083/1454	14382/1599	
	2.3	Axle loading,unloaded front/rear	kg	3650/4650	3415/5122	3592/5389	
Wheels,Chassis	3.1	Tires:pneumatic,solid rubber		pneumatic	pneumatic	pneumatic	
	3.2	Tires size,front		8.25-15-14PR	8.25-15-14PR	8.25-15-14PR	
	3.3	Tires size,rear		8.25-15-14PR	8.25-15-14PR	8.25-15-14PR	
	3.4	Wheels,number front / rear(X=driven wheels)		X=4/2	X=4/2	X=4/2	
	3.5	Track width,front	S	mm	1470	1470	1470
	3.6	Track width,rear	P	mm	1700	1700	1700
Basic Dimensions	4.11	Mast/fork carriage tilt forward backward	α/β	degrees	6/12	6/12	6/12
	4.12	Lowered mast height	h2	mm	2500	2500	2500
	4.13	Free lift height	h3	mm	205	205	205
	4.14	STD Max lift height	h1	mm	3000	3000	3000
	4.15	Overhead guard height	h4	mm	2445	2445	2445
	4.16	Distance from seat to overhead guard	SIP	mm	1050	1050	1050
	4.17	Overall length	L1	mm	4715	4855	4760
	4.18	Length to face of forks	L6	mm	3495	3535	3540
	4.19	Overall width	W1	mm	2000	2000	2000
	4.2	Fork dimensions(hook type)	L5×W×T	mm	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
	4.22	Fork-carriage width		mm	1734	1734	1734
	4.23	Ground clearance, under mast	m2	mm	200	216	216
	4.24	Ground clearance,centre of wheelbase	m1	mm	233	248	248
4.25	Aisle width for pallets 1,000x1,200 crossways (LxW)	AST	mm	5230	5400	\	
4.26	Aisle width for pallets 800x1,200 lengthways (WxL)	AST	mm	\	\	\	
4.27	Turning radius	R1	mm	3240	3415	3415	
Performance Data	5.1	Max.traveling speed, unloaded	km/h	27	27	27	
	5.2	Max.lifting speed, loaded/ unloaded	mm/s	510/530	510/530	330/450	
	5.3	Lowering speed, loaded/unloaded	mm/s	< 600	< 600	< 600	
	5.7	Max.gradient	%	20	20	20	
	5.9	Service brake		Hydraulic	Hydraulic	Hydraulic	
	5.10	Parking brake		Hand	Hand	Hand	
Other Details	7.1	Operating pressure	Mpa	20	20	20	
	7.2	Fuel tank capacity	L	140	140	140	
	7.4	Type of drive		Automatic			

Item	Lift height	LG50DT				LG60DT				LG70DT				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)	
2 Stage Standard Mast	2000	5000	2003	206	206	6000	2003	206	206	7000	2003	206	206	6/12
	2500	5000	2253	206	206	6000	2253	206	206	7000	2253	206	206	6/12
	2750	5000	2378	206	206	6000	2378	206	206	7000	2378	206	206	6/12
	3000	5000	2503	206	206	6000	2503	206	206	7000	2503	206	206	6/12
	3300	5000	2650	206	206	6000	2650	206	206	7000	2650	206	206	6/12
	3500	5000	2750	206	206	6000	2750	206	206	7000	2750	206	206	6/12
	3750	5000	2875	206	206	6000	2875	206	206	7000	2875	206	206	6/6
	4000	5000	3053	206	206	6000	3053	206	206	7000	3053	206	206	6/6
	4250	5000	3178	206	206	6000	3178	206	206	7000	3178	206	206	6/6
	4500	5000	3303	206	206	6000	3303	206	206	7000	3303	206	206	6/6
	4750	5000	3428	206	206	6000	3428	206	206	7000	3428	206	206	6/6
	5000	5000	3553	206	206	6000	3553	206	206	7000	3553	206	206	6/6
	5500	4750	3853	206	206	5700	3853	206	206	6600	3853	206	206	3/6
	6000	4400	4103	206	206	5400	4103	206	206	6400	4103	206	206	3/6
2 Stage Free Mast	2000	\	\	\	\	\	\	\	\	\	\	\	\	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	2250	1278	815	6000	2250	1278	815	7000	2250	1278	815	6/12
	2700	\	\	\	\	6000	\	\	\	7000	\	\	\	6/12
	2750	5000	2375	1403	940	6000	2375	1403	940	7000	2375	1403	940	6/12
	3000	5000	2500	1528	1065	6000	2500	1528	1065	7000	2500	1528	1065	6/12
	3250	\	\	\	\	\	\	\	\	\	\	\	\	6/12
	3300	5000	2650	1678	1215	6000	2650	1678	1215	7000	2650	1678	1215	6/12
	3500	5000	2750	1778	1315	6000	2750	1778	1315	7000	2750	1778	1315	6/12
	3750	5000	2875	1903	1440	6000	2875	1903	1440	7000	2875	1903	1440	6/12
	4000	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	5000	2275	1390	835	6000	2275	1390	835	7000	2275	1390	835	6/12
	4000	4800	2410	1520	970	5800	2410	1520	970	6800	2410	1520	970	6/6
	4350	4600	2525	1636	1085	5600	2525	1636	1085	6600	2525	1636	1085	6/6
	4500	4600	2575	1686	1135	5600	2575	1686	1135	6600	2575	1686	1135	6/6
	4800	4500	2680	1790	1240	5600	2680	1790	1240	6400	2680	1790	1240	6/6
	5000	4500	2745	1860	1305	5600	2745	1860	1305	6200	2745	1860	1305	6(3)/6
	5400	4200	2880	1990	1440	5300	2880	1990	1440	6000	2880	1990	1440	3/6
	6000	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
	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



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)
1104D-44TA	Perkins	74.5/2200	415/1350	105/4/4.4	240