



LPG/ Gasoline Forklift Truck


capacity 1,500 to 1,800kg

MAST SPECIFICATIONS & RATED CAPACITIES

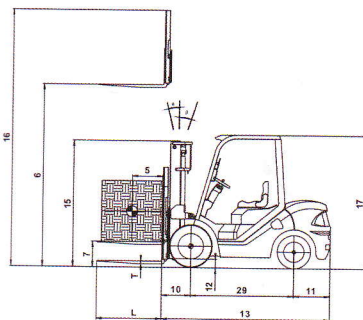
Mast Type	Mast Name	Max. Fork Height (mm)	Load Capacity (Load Centre 500mm) (kg)		Overall Height (mm)			Free Lift (mm)		Tilt Angle (Single)	Tilt Angle (Double)	Total Weight (kg)			
					Lowered	Extended		Without Backrest	With Backrest			Without Backrest	With Backrest	FG15T/ FGL15T	FG18T/ FGL18T
						1.5t/1.8t	1.5t								
Wide View Mast	M270	2700	1500	1800	1875	3275	3755	100	100	6-12	6-12	2575	2875		
	M300	3000	1500	1800	2025	3575	4055	100	100	6-12	6-12	2590	2890		
	M330	3300	1500	1800	2175	3875	4355	100	100	6-12	6-12	2605	2905		
	M350	3500	1500	1800	2275	4075	4555	100	100	6-12	6-12	2615	2915		
	M370	3700	1500	1800	2375	4275	4755	100	100	6-6	6-6	2625	2925		
	M400	4000	1500	1750	2575	4575	5055	100	100	6-6	*6-12	2655	2955		
	M430	4300	1300	1650	2725	4875	5355	100	100	6-6	*6-12	2670	2970		
	M450	4500	1250	1550	2825	5075	5555	100	100	6-6	*6-12	2685	2985		
	M470	4700	1100	1400	2925	5275	5755	100	100	6-6	*6-12	2695	2995		
	M500	5000	950	1050	3125	5575	6055	100	100	6-6	*6-6	2725	3025		
M550	5500	800	900	3375	6075	6555	100	100	3-6	*3-6	2750	3050			
M600	6000	600	700	3625	6575	7055	100	100	3-6	*3-6	2775	3075			
2-Stage Full Free Wide View Mast	FM270	2700	1500	1800	1875	3220	3700	1300	830	6-12	*6-12	2650	2950		
	FM300	3000	1500	1800	2025	3570	4050	1460	980	6-12	*6-12	2665	2965		
	FM330	3300	1500	1800	2175	3920	4400	1610	1130	6-12	*6-12	2680	2980		
	FM350	3500	1500	1800	2275	4070	4550	1710	1230	6-12	*6-12	2670	2990		
	FM370	3700	1500	1800	2375	4220	4700	1800	1330	6-6	*6-12	2700	3000		
	FM400	4000	1500	1800	2625	4570	5050	2000	1580	6-6	*6-12	2730	3030		
3-Stage Full Free Wide View Mast	TFM400	4000	1500	1800	1925	4570	5035	1300	900	6-6	*6-6	2755	3055		
	TFM430	4300	1250	1550	2025	4870	5335	1400	1000	6-6	*6-6	2775	3075		
	TFM450	4500	1200	1500	2075	5070	5535	1500	1050	6-6	*6-6	2790	3090		
	TFM470	4700	1180	1400	2125	5270	5735	1565	1100	6-6	*6-6	2805	3105		
	TFM500	5000	900	1200	2225	5570	6035	1665	1200	6-6	*6-6	2830	3130		
	TFM550	5500	800	1000	2425	6070	6535	1800	1400	3-6	*3-6	2870	3170		
TFM600	6000	600	700	2625	6570	7035	2000	1600	3-6	*3-6	2920	3220			

With Separated Side shifter, load capacity subtract 150Kg, With Integrated side shifter, load capacity subtract 50Kg.

MAIN SPECIFICATIONS

General											
				FL15T-JB [FL15-JB]	FG15T-JB [FG15-JB]	FGL15T-JB [FGL15-JB]	FL18T-JB [FL18-JB]	FG18T-JB [FG18-JB]	FGL18T-JB [FGL18-JB]		
1	Manufacturer										1
2	Model										2
3	Power Type			Gasoline/LPG	Gasoline/LPG	Gasoline/LPG	Gasoline/LPG	Gasoline/LPG	Gasoline/LPG	Gasoline/LPG	3
4	Rated Load Capacity	Q(kg)	1500	1500	1500	1800	1800	1800	1800	1800	4
5	Load Centre	C(mm)	500	500	500	500	500	500	500	500	5
6	Rated Lift Height	H ₃ (mm)	3000	3000	3000	3000	3000	3000	3000	3000	6
7	Free Lift Height	H ₂ (mm)	100	100	100	100	100	100	100	100	7
8	Fork Size (LxWxT)	mm	92x120x35	92x120x35	92x120x35	1070x120x40	1070x120x40	1070x120x40	1070x120x40	1070x120x40	8
9	Mast Tilt Angle (F/R, α°/β°)	deg	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	9
10	Fork Overhang (Wheel Center to Fork Face)	X ₁ (mm)	409	409	409	409	409	409	409	409	10
11	Rear Overhang	X ₂ (mm)	450	450	450	490	490	490	490	490	11
12	Ground Clearance (Bottom of Mast)	H ₇ (mm)	110	110	110	110	110	110	110	110	12
13	Length to Face of Fork (Without Fork)	L ₁ (mm)	2250	2250	2250	2290	2290	2290	2290	2290	13
14	Overall Width	B ₁ (mm)	1090	1090	1090	1090	1090	1090	1090	1090	14
15	Mast Lowered Height	H ₁ (mm)	2025	2025	2025	2025	2025	2025	2025	2025	15
16	Mast Extended Height (With Backrest)	H ₄ (mm)	4055	4055	4055	4055	4055	4055	4055	4055	16
17	Overhead Guard Height	H ₅ (mm)	2178	2178	2178	2178	2178	2178	2178	2178	17
18	Turning Radius (Outside)	W _a (mm)	2030	2030	2030	2060	2060	2060	2060	2060	18
19	Min. Aisle width for pallets	A _{st} (mm)	3560	3560	3560	3740	3740	3740	3740	3740	19
20	Travel Speed (No Load)	km/h	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	20
21	Lifting Speed (Full Load)	mm/sec	560	560	560	560	560	560	560	560	21
22	Lowering Speed (Full Load)	mm/sec	450	450	450	450	450	450	450	450	22
23	Max. Drawbar Pull (Full Load/No Load)	KN	17(14.5)	17(14.5)	17(14.5)	20.5(17.5)	20.5(17.5)	20.5(17.5)	20.5(17.5)	20.5(17.5)	23
24	Max. Gradeability (Full Load)	%	20	20	20	20	20	20	20	20	24
25	Tyre (Front x 2)	mm	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	25
26	Tyre (Rear x 2)	mm	5.00-8-10PR	5.00-8-10PR	5.00-8-10PR	5.00-8-10PR	5.00-8-10PR	5.00-8-10PR	5.00-8-10PR	5.00-8-10PR	26
27	Front Tread	B ₂ (mm)	890	890	890	890	890	890	890	890	27
28	Rear Tread	B ₃ (mm)	920	920	920	920	920	920	920	920	28
29	Wheelbase	Y(mm)	1410	1410	1410	1410	1410	1410	1410	1410	29
30	Total Weight	kg	2590	2590	2590	2890	2890	2890	2890	2890	30
31	Front Axle Weight Distribution (Full Load)	kg	3610	3610	3610	4055	4055	4055	4055	4055	31
32	Rear Axle Weight Distribution (Full Load)	kg	480	480	480	545	545	545	545	545	32
33	Front Axle Weight Distribution (No Load)	kg	1160	1160	1160	1170	1170	1170	1170	1170	33
34	Rear Axle Weight Distribution (No Load)	kg	1430	1430	1430	1630	1630	1630	1630	1630	34
35	Battery	V/Ah	12/60	12/60	12/60	12/60	12/60	12/60	12/60	12/60	35
36	Engine Model		K21		K21		K21			36	
37	Engine Manufacturer		NISSAN	NISSAN	NISSAN	NISSAN	NISSAN	NISSAN	NISSAN	NISSAN	37
38	Rated Output / r.p.m.	kw	31.5/2300	31.5/2300	31.5/2300	31.5/2300	31.5/2300	31.5/2300	31.5/2300	31.5/2300	38
39	Rated Torque / r.p.m.	N-m	144/1600	144/1600	144/1600	144/1600	144/1600	144/1600	144/1600	144/1600	39
40	No. of Cylinder		4	4	4	4	4	4	4	4	40
41	Bore x Stroke	mm	89/83	89/83	89/832369	89/83	89/83	89/83	89/83	89/83	41
42	Displacement	cc	2065	2065	2065	2065	2065	2065	2065	2065	42
43	Fuel Tank Capacity	L	45	45	45	45	45	45	45	45	43
44	Transmission Type		Powershift(Manual)							44	
45	Transmission Stage (FWD/RVS)		1/1(2/2)	1/1(2/2)	1/1(2/2)	1/1(2/2)	1/1(2/2)	1/1(2/2)	1/1(2/2)	1/1(2/2)	45
46	Operating Pressure (For Attachments)	Mpa	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	46

Specifications and characteristics are subject to change without notice. Please contact us for detailed information.
UN Forklift retains the right to interpret.



a=200mm Safety clearance
AST=a+10+18+B

