

M SERIES 5.0-7.0t diesel forklift

General	1	Model		FD50T-M	FD70T-M	
	2	Type		WL3/WY3/WJ3/WF3/G(4)3		
	3	Power type		Diesel		
	4	Rated capacity	kg	5000	7000	
Characteristic&Dimension	5	Load centre	mm	600	600	
	6	Lift height	mm	3000	3000	
	7	Free lift height	mm	195	205	
	8	Fork size	L×W×T	1220×150×55	1220×150×65	
	9	Fork regulating range	Min./Max.	300/1845	300/1845	
	10	Mast tilt angle	F/R	6°/12°	6°/12°	
	11	Front overhang	mm	580	590	
	12	Rear overhang	mm	600	740	
	13	Min. ground clearance(Bottom of mast)	mm	200	200	
	14	Overall dimensions	Length to face of fork (without fork)	mm	3440	3580
	15		Overall width	mm	1995	1995
	16		Mast lowered height	mm	2500	2625
	17		Mast extended height(with backrest)	mm	4370	4370
	18	Overhead guard height	mm	2435	2435	
	19	Turning radius(outside)	mm	3250	3370	
	Performance	20	Min. right angle stacking aisle width (add load length and clearance)	mm	2960	3040
		21	Speed	Travel(Laden/Unladen)	km/h	24/26(WJ3)
		22		Lifting(Laden/Unladen)	mm/s	400/420(WJ3)
		23		Lowering(Laden)	mm/s	500
24		Max. Drawbar pull(Laden)	KN	53(WJ3)	49(WJ3)	
25	Max. Gradeability(Laden)	%	15(WJ3)	17(WJ3)		
Tyre	26	Tyre	Front		8.25-15-14PR	
	27		Rear		8.25-15-14PR	
	28	Tread	Front	mm	1470	
	29		Rear	mm	1700	
Weight	30	Wheelbase	mm	2250	2250	
	31	Self weight	kg	8080	9450	
	32	Weight Distribution	Laden	Front Axle	kg	11250
	33			Rear Axle	kg	1830
	34		Unladen	Front Axle	kg	3640
	35			Rear Axle	kg	4440
Power&Transmission	36	Battery	Voltage/Capacity	V/Ah	2×12/80	
	37	Transmission	Manufacture		China	
	38		Type		Powershift	
	39		Stage	F/R		2/2
	40	Operating pressure(For attachments)	MPa			19.5

M SERIES 5.0-7.0t LPG forklift

General	1	Model		FL50T-M	FL70T-M	
	2	Type		WE3		
	3	Power type		LPG		
	4	Rated capacity		5000	7000	
Characteristic&Dimension	5	Load centre	kg	600	600	
	6	Lift height	mm	3000	3000	
	7	Free lift height	mm	195	205	
	8	Fork size	L×W×T	1220×150×55	1220×150×65	
	9	Fork regulating range	Min./Max.	300/1845	300/1845	
	10	Mast tilt angle	F/R	6°/12°	6°/12°	
	11	Front overhang	mm	580	590	
	12	Rear overhang	mm	600	740	
	13	Min. ground clearance(Bottom of mast)	mm	200	200	
	14	Overall dimensions	Length to face of fork (without fork)	mm	3440	3580
	15		Overall width	mm	1995	1995
	16		Mast lowered height	mm	2500	2625
	17		Mast extended height(with backrest)	mm	4370	4370
	18	Overhead guard height	mm	2435	2435	
	19	Turning radius(outside)	mm	3250	3370	
	Performance	20	Min. right angle aisle width (add load length and clearance)	mm	2960	3040
		21	Speed	Travel(Laden/Unladen)	km/h	19/20
		22		Lifting(Laden/Unladen)	mm/s	400/420
		23		Lowering(Laden)	mm/s	500
24		Max. Drawbar pull(Laden)	KN	53	52	
25	Max. Gradeability(Laden)	%	15	15		
Tyre	26	Tyre	Front		8.25-15-14PR	
	27		Rear		8.25-15-14PR	
	28	Tread	Front	mm	1470	
	29		Rear	mm	1700	
Weight	30	Wheelbase	mm	2250	2250	
	31	Self weight	kg	8080	9450	
	32	Weight Distribution	Laden	Front	kg	11250
	33			Rear	kg	1830
	34		Unladen	Front	kg	3640
	35			Rear	kg	4440
Power&Transmission	36	Battery	Voltage/Capacity	V/Ah	2×12/60	
	37	Transmission	Manufacture		China	
	38		Type		Hyd	
	39		Stage	F/R		2/2
	40	Operating pressure(For attachments)	MPa			19.5

MITSUBISHI
 Type: WJ3
 Model: S6S-T(EuIIIA)
 Rated output: 63.9kw/2300kw/rpm
 Rated torque: 293N·m/1700rpm
 No. of cylinder:6
 Bore × Stroke:94 × 120mm
 Displacement:4.996L

DEUTZ
 Type: WY3
 Model: TCD3.6L4 (Eu IV)
 Rated output: 55.4kw/2300rpm
 Rated torque: 390 N·m / 1300rpm
 No. of cylinder: 4
 Bore × Stroke: 98x120mm
 Displacement: 6.494L

ISUZU
 Type: WF3
 Model: 6BG1QC
 Rated output: 82kw/2000rpm
 Rated torque: 416N.m/1400-1600rpm
 No. of cylinder: 6
 Bore × Stroke: 105x125mm
 Displacement: 6.494L

CHAOCHAI
 Type: G(4)3
 Model: CY6BG332
 Rated output: 85kw/2200rpm
 Rated torque: 450N.m/1400-1800rpm
 No. of cylinder: 6
 Bore × Stroke: 102x118mm
 Displacement: 5.785L

CUMMINS
 Type: WL3
 Model: QSB4.5(EuIIIA)
 Rated output: 80.9kw/2200rpm
 Rated torque: 488 N.m / 1500rpm
 No. of cylinder: 4
 Bore × Stroke: 107 × 124mm
 Displacement: 4.5L

PSI
 Type: WE3
 Model: PSI4.3L
 Rated output: 63kw/2000rpm
 Rated torque: 298 N.m / 1200rpm
 No. of cylinder: 6
 Bore × Stroke: 101.6 × 88.39mm
 Displacement: 4.3L



M SERIES 5.0-7.0t mast

Type	Model	Max. fork height	Overall height						Free lift				Front Overhang		Tilt range		Capacity		
			Lowered		Extended		Without backrest		with backrest		5t	7t	5t	7t	5t	7t	load capacity at 600mm		
			5t	7t	Without backrest	With backrest	5t	7t	5t	7t							Double tyre		
2-stage mast	M250	2500	2250	2375	3400	3500	3870	3870	195	205	195	205	580	590	6	12	5000	7000	
	M270	2700	2350	2475	3600	3700	4070	4070	195	205	195	205	580	590	6	12	5000	7000	
	M300	3000	2500	2625	3900	4000	4370	4370	195	205	195	205	580	590	6	12	5000	7000	
	M330	3300	2650	2775	4200	4300	4670	4670	195	205	195	205	580	590	6	12	5000	7000	
	M350	3500	2750	2875	4400	4500	4870	4870	195	205	195	205	580	590	6	12	5000	7000	
	M375	3750	2875	3000	4650	4750	5120	5120	195	205	195	205	580	590	6	12	5000	7000	
	M400	4000	3050	3175	4900	5000	5370	5370	195	205	195	205	580	590	6	12	5000	7000	
	M425	4250	3175	3300	5150	5250	5620	5620	195	205	195	205	580	590	6	12	5000	7000	
	M450	4500	3300	3425	5400	5500	5870	5870	195	205	195	205	580	590	6	12	5000	7000	
	M475	4750	3425	3550	5650	5750	6120	6120	195	205	195	205	580	590	6	6	5000	7000	
Full free 2-stage mast	M500	5000	3550	3675	5900	6000	6370	6370	195	205	195	205	580	590	6	6	5000	7000	
	M550	5500	3850	3975	6400	6500	6870	6870	195	205	195	205	580	590	3	6	4750	6600	
	M600	6000	4100	4225	6900	7000	7370	7370	195	205	195	205	580	590	3	6	4400	6400	
	FM250	—	—	—	—	—	—	—	—	—	—	—	—	—	6	12	5000	7000	
	FM270	—	—	—	—	—	—	—	—	—	—	—	—	—	6	12	5000	7000	
	FM300	3000	2625	2750	4050	4370	1575	1255	587	597	6	12	5000	7000	6	12	5000	7000	
Full free 3-stage mast	FM330	3300	2775	2900	4350	4670	1725	1405	587	597	6	12	5000	7000	6	12	5000	7000	
	FM350	3500	2875	3000	4550	4870	1825	1500	587	597	6	12	5000	7000	6	12	5000	7000	
	FM375	3750	3000	3125	4800	5120	1950	1630	587	597	6	12	5000	7000	6	12	5000	7000	
	FM400	4000	3175	3300	5050	5370	2125	1800	587	597	6	12	5000	7000	6	12	5000	7000	
	TFM400	4000	2505	2630	5000	5370	1755	1745	625	635	6	3	6	4500	6200	6	6	4500	6200
	TFM435	4350	2630	2755	5350	5720	1630	1260	625	635	6	6	6	4500	6200	6	6	4500	6200
	TFM480	4800	2780	2905	5800	6170	1780	1410	625	635	6	6	6	4500	6200	6	6	4500	6200
	TFM500	5000	2880	3005	6000	6370	1880	1510	625	635	6	6	6	4500	6200	6	6	4500	6200
TFM540	5400	3005	3130	6400	6770	2005	1630	625	635	3	6	6	4400	6000	6	6	4400	6000	
TFM600	6000	3305	3430	7000	7370	2305	1930	625	635	3	6	6	4200	5500	6	6	4200	5500	
TFM650	6500	3530	3655	7500	7870	2530	2155	625	635	3	6	6	3900	5100	6	6	3900	5100	

