



DIESEL FORKLIFT 5.0-8.0Ton

G-SERIES 5.0-8.0 TON DIESEL FORKLIFT MAST

Type	Model	Lift Height (mm)	Load Capacity (kg)				Overall Height (mm)			Free Lift (mm)		Tilt Angle
			5.0t	6.0t	7.0t	8.0t	5.0-8.0t		5.0-8.0t			
							Mast Lowered	Mast Extended	Mast Extended	Mast Extended		
Wide view 2-stage mast	M250	2500	5000	6000	7000	8000	2250	3900	3620	-	-	6/12
	M300	3000	5000	6000	7000	8000	2500	4400	4120	-	-	6/12
	M330	3300	5000	6000	7000	8000	2650	4700	4420	-	-	6/12
	M350	3500	5000	6000	7000	8000	2750	4900	4620	-	-	6/12
	M370	3700	5000	6000	7000	8000	2850	5100	4820	-	-	6/12
	M400	4000	5000	6000	7000	8000	3050	5400	5120	-	-	6/12
	M450	4500	5000	6000	7000	7500	3300	5900	5620	-	-	6/6
	M500	5000	5000	6000	7000	7300	3550	6400	6120	-	-	6/6
	M550	5500	4750	5700	6600	7000	3850	6900	6620	-	-	3/6
	M600	6000	4400	5400	6400	6800	4100	7400	7120	-	-	3/6
Full free 2-stage mast	Z250	2500	5000	6000	7000	8000	2250	3900	3620	1200	760	6/12
	Z300	3000	5000	6000	7000	8000	2500	4400	4120	1400	1010	6/12
	Z330	3300	5000	6000	7000	8000	2650	4700	4420	1550	1160	6/12
	Z350	3500	5000	6000	7000	8000	2750	4900	4620	1650	1260	6/12
	Z370	3700	5000	6000	7000	8000	2850	5100	4820	1775	1385	6/12
	Z400	4000	5000	6000	7000	7500	3050	5400	5120	1950	1560	6/12
	Z450	4500	5000	6000	7000	7300	3300	5900	5620	2150	1760	6/6
Full free 3-stage mast	S370	3700	4500	5500	6200	7000	2435	5025	4675	1375	1025	6/12
	S400	4000	4500	5500	6200	7000	2535	5390	5390	1475	1125	6/6
	S435	4350	4500	5500	6200	7000	2650	5740	5740	1590	1240	6/6
	S450	4500	4500	5500	6200	7000	2700	5890	5890	1640	1290	6/6
	S480	4800	4500	5500	6200	6600	2805	6200	6200	1745	1395	6/6
	S500	5000	4500	5500	6200	6500	2870	6400	6400	1810	1460	6/6
	S550	5500	4200	5300	6000	6200	3040	6820	6820	1980	1630	3/6
	S600	6000	4000	5000	5500	6000	3205	7400	7400	2145	1795	3/6

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General	1	Model		FD50	FD60	FD70	FD80	
	2	Power Type		Diesel	Diesel	Diesel	Diesel	
	3	Rated Capacity	kg	5000	6000	7000	8000	
	4	Load Centre	mm	600	600	600	600	
Characteristic&Dimension	5	Lift Height	mm	3000	3000	3000	3000	
	6	Fork Size	L×W×T	mm	1220x150x60	1220x150x60	1220x150x70	1220x150x70
	7	Mast Tilt Angle	F/R	Deg	6°/12°	6°/12°	6°/12°	6°/12°
	8	Front Overhang (Wheel center to fork face)	mm	590	590	595	595	
	9	Ground Clearance (Bottom of mast)	mm	200	200	200	200	
	10	Overall Dimension	Length to face of fork(Without fork)	mm	3450	3450	3560	3560
	11		Overall Width	mm	2010	2010	2010	2010
	12		Mast Lowered Height	mm	2500	2500	2500	2500
	13		Mast Extended Height(With backrest)	mm	4415	4415	4415	4415
	14	Overhead Guard Height	mm	2470	2470	2470	2470	
	15	Turning Radius (outside)	mm	3250	3250	3350	3350	
16	Min. insetting aisle	mm	2960	2960	3040	3040		
Performance	17	Speed	Travel (Empty load)	km/h	30	30	30	30
	Lifting(Full load)		mm/s	500	500	460	460	
	19	Max. Gradeability	%	20	20	20	20	
Chassis	20	Tire	Front	mm	8.25-15-14 PR	8.25-15-14 PR	8.25-15-14 PR	8.25-15 PR
	Rear		mm	8.25-15-14 PR	8.25-15-14 PR	8.25-15-14 PR	8.25-15 PR	
	22	Wheelbase	mm	2250	2250	2250	2250	
	23	Service weight	kg	8150	8750	9750	10350	
Power & Transmission	24	Battery	Voltage/Capacity	V/Ah	(12/80)x2	(12/80)x2	(12/80)x2	(12/80)x2
	25	Engine	Model		6BG1			
	26		Manufacture		ISUZU			
	27		Rated output/r.p.m.	kw	82.3 / 2000			
	28		Rated torque/r.p.m.	N·m	416/1400-1600			
	29		No. of Cylinder		6			
	30		Bore×Stroke	mm	105 x 125			
	31		Displacement	cc	6494			
	32		Fuel Tank Capacity	L	140	140	140	140
	33	Transmission	Type		Hydraulic	Hydraulic	Hydraulic	Hydraulic
	34		Stage	FWD/RVS	2/2	2/2	2/2	2/2
	35	Operating Pressure for Attachment	Mpa	19	19	19	19	

