

## DIESEL FORKLIFT 3.0-3.5Ton



### 3.0-3.5 TON DIESEL FORKLIFT MAST

Type	Model	Lift Height (mm)	Load Capacity (kg)		Overall Height (mm)						Free Lift (mm)				Tilt Angle
					3.0t			3.5t			3.0t		3.5t		
					Mast Lowered	Mast Extended With Backrest	Mast Extended Without Backrest	Mast Lowered	Mast Extended With Backrest	Mast Extended Without Backrest	Mast Extended With Backrest	Mast Extended Without Backrest			
Wide view 2-stage mast	M200	2000	3000	3500	1615	3180	2720	1615	3180	2720	-	-	-	-	6/12
	M250	2500	3000	3500	1865	3680	3220	1865	3680	3220	-	-	-	-	6/12
	M300	3000	3000	3500	2115	4180	3720	2115	4180	3720	-	-	-	-	6/12
	M330	3300	3000	3500	2265	4480	4020	2265	4480	4020	-	-	-	-	6/12
	M350	3500	3000	3500	2365	4680	4220	2365	4680	4220	-	-	-	-	6/12
	M370	3700	3000	3500	2465	4880	4420	2465	4880	4420	-	-	-	-	6/12
	M400	4000	2950*3000	3200*3500	2665	5180	4720	2665	5180	4720	-	-	-	-	6/12
	M450	4500	2750*3000	3000*3050	2915	5680	5220	2915	5680	5220	-	-	-	-	6/6
	M500	5000	2400*2550	2500*2850	3165	6180	5720	3165	6180	5720	-	-	-	-	6/6
	M550	5500	2250*2400	2300*2500	3465	6680	6220	3465	6680	6220	-	-	-	-	3/6
M600	6000	1500*2200	1800*2300	3715	7180	6720	3715	7180	6720	-	-	-	-	3/6	
Full free 2-stage mast	Z200	2000	3000	3500	1615	3180	2720	1615	3180	2720	470	930	470	930	6/12
	Z250	2500	3000	3500	1865	3680	3220	1865	3680	3220	720	1180	720	1180	6/12
	Z300	3000	3000	3500	2115	4180	3720	2115	4180	3720	970	1430	970	1430	6/12
	Z330	3300	3000	3500	2265	4480	4020	2265	4480	4020	1120	1580	1120	1580	6/12
	Z350	3500	3000	3500	2365	4680	4220	2365	4680	4220	1220	1680	1220	1680	6/12
	Z370	3700	3000	3500	2465	4880	4420	2465	4880	4420	1320	1780	1320	1780	6/12
	Z400	4000	2900*3000	3300*3500	2665	5180	4720	2665	5180	4720	1520	1980	1520	1980	6/12
	S370	3700	2900	3300	1870	4875	4420	1870	4875	4420	730	1185	730	1185	6/6
Full free 3-stage mast	S400	4000	2900	3300	1970	5175	4720	1970	5175	4720	830	1285	830	1285	6/6
	S435	4350	2800*2900	3000*3300	2085	5525	5070	2085	5525	5070	945	1400	945	1400	6/6
	S450	4500	2700*2800	2900*3100	2135	5675	5240	2135	5675	5240	995	1450	995	1450	6/6
	S480	4800	2500*2800	2700*2900	2235	5975	5520	2235	5975	5520	1095	1550	1095	1550	6/6
	S500	5000	2300*2550	2500*2800	2305	6175	5720	2305	6175	5720	1165	1620	1165	1620	6/6
	S550	5500	2200*2400	2350*2500	2520	6675	6220	2520	6675	6220	1385	1840	1385	1840	3/6
	S600	6000	1500*2100	1650*2200	2685	7175	6720	2685	7175	6720	1555	2010	1555	2010	3/6

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General	1	Model		FD30	FD35	FD30	FD35	
	2	Power Type		Diesel	Diesel	Diesel	Diesel	
3	Rated Capacity	kg	3000	3500	3000	3500		
4	Load Centre	mm	500	500	500	500		
Characteristic&Dimension	5	Lift Height	mm	3000	3000	3000	3000	
	6	Fork Size	L×W×T	mm	1070x125x45	1070x125x50	1070x125x45	1070x125x50
	7	Mast Tilt Angle	F/R	Deg	6°/12°	6°/12°	6°/12°	6°/12°
	8	Front Overhang (Wheel center to fork face)	mm	475	480	475	480	
	9	Ground Clearance (Bottom of mast)	mm	135	135	135	135	
	10	Overall Dimension	Length to face of fork(Without fork)	mm	2730	2770	2730	2770
	11		Overall Width	mm	1225	1225	1225	1225
	12		Mast Lowered Height	mm	2115	2115	2115	2115
	13		Mast Extended Height(With backrest)	mm	4160	4160	4160	4160
	14	Overhead Guard Height	mm	2090	2090	2090	2090	
15	Turning Radius (outside)	mm	2440	2480	2440	2480		
16	Min. insetting aisle	mm	2490	2530	2490	2530		
Performance	17	Speed	Travel (Empty load)	km/h	19	19	19	19
	Lifting(Full load)		mm/s	440	420	440	420	
	19	Max. Gradeability	%	20	20	20	20	
Chassis	20	Tire	Front	mm	28x9-15-12 PR	28x9-15-12 PR	28x9-15-12 PR	28x9-15-12 PR
	21		Rear	mm	6.50-10-10 PR	6.50-10-10 PR	6.50-10-10 PR	6.50-10-10 PR
	22	Wheelbase	mm	1700	1700	1700	1700	
	23	Service weight	kg	4300	4500	4300	4500	
	24	Battery	Voltage/Capacity	V/Ah	12/80	12/80	12/80	12/80
Power & Transmission	25	Engine	Model		C240PKJ30	4JG2PE-01	4TNE98	
	26		Manufacture		ISUZU	ISUZU	YANMAR	
	27		Rated output/r.p.m.	kw	35.4/2500	46/2450	42.1/2300	
	28	Rated torque/r.p.m.	N·m	139/1800	186.3/1600-1800	187-207/1700		
	29	No. of Cylinder		4	4	4		
	30	Bore×Stroke	mm	86x102	95.4x107	98x110		
	31	Displacement	cc	2369	3059	3318		
	32	Fuel Tank Capacity	L	60	60	60	60	
	33	Transmission	Type		Hydraulic	Hydraulic	Hydraulic	Hydraulic
	34		Stage	FWD/RVS	1/1	1/1	1/1	1/1
	35	Operating Pressure for Attachment	Mpa	17.5	17.5	17.5	17.5	

