



Diesel Forklift Truck
capacity 3,000 to 3,500kg

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					
			3.0t (Single)	3.0t (Double)	3.5t (Single)	3.5t (Double)		3.0t/3.5t	3.0t/3.5t					3.0t/3.5t	3.0t	3.5t
Wide View Mast	M270	2700	3000	3000	3500	3500	1920	3295	3770	100	100	6-12	6-12	4316	4616	
	M300	3000	3000	3000	3500	3500	2070	3595	4070	100	100	6-12	6-12	4340	4640	
	M330	3300	3000	3000	3500	3500	2220	3895	4370	100	100	6-12	6-12	4365	4665	
	M350	3500	3000	3000	3500	3500	2320	4095	4570	100	100	6-12	6-12	4380	4680	
	M370	3700	3000	3000	3400	3400	2420	4295	4770	100	100	6-6	6-6	4395	4695	
	M400	4000	2950	2950	3250	3250	2620	4595	5070	100	100	6-6	*6-12	4420	4720	
	M430	4300	2800	2800	3100	3100	2770	4895	5370	100	100	6-6	*6-12	4445	4745	
	M450	4500	2600	*2900	2900	*3000	2870	5095	5570	100	100	6-6	*6-12	4460	4760	
	M470	4700	2500	2800	2800	2900	2970	5295	5770	100	100	6-6	*6-12	4475	4775	
	M500	5000	2200	*2550	2400	*2800	3170	5595	6070	100	100	6-6	*6-6	4510	4810	
2-Stage Full Free Wide View Mast	M550	5500	2000	*2400	2200	*2600	3420	6095	6570	100	100	3-6	*3-6	4560	4860	
	M600	6000	1500	*2000	1600	*2400	3670	6595	7070	100	100	3-6	*3-6	4600	4900	
	FM270	2700	3000	3000	3500	3500	1920	3240	3715	1232	757	6-12	6-12	4395	4695	
	FM300	3000	3000	3000	3500	3500	2070	3590	4065	1382	907	6-12	6-12	4420	4720	
	FM330	3300	3000	3000	3500	3500	2220	3940	4415	1532	1057	6-12	6-12	4445	4745	
	FM350	3500	3000	3000	3500	3500	2320	4090	4565	1632	1157	6-12	6-12	4460	4760	
	FM370	3700	3000	3000	3500	3500	2420	4240	4715	1732	1257	6-6	6-6	4475	4775	
	FM400	4000	3000	3000	3250	*3500	2670	4590	5065	1982	1507	6-6	*6-12	4500	4800	
	3-Stage Full Free Wide View Mast	TFM400	4000	3000	*3000	3000	*3500	1960	4700	5175	1272	797	6-6	*6-6	4550	4850
		TFM430	4300	2800	*2900	3000	*3350	2060	5000	5475	1372	897	6-6	*6-6	4580	4880
TFM450		4500	2600	*2800	2800	*3200	2110	5200	5675	1422	947	6-6	*6-6	4600	4900	
TFM470		4700	2400	*2700	2500	*3000	2160	5400	5875	1472	997	6-6	*6-6	4620	4920	
TFM500		5000	2100	*2400	2300	*2800	2260	5700	6175	1572	1097	6-6	*6-6	4630	4930	
TFM550		5500	1650	*2250	1800	*2550	2460	6200	6675	1772	1297	3-6	*3-6	4680	4980	
TFM600		6000	1200	*2100	1300	*2300	2660	6700	7175	1972	1497	3-6	*3-6	4750	5050	
TFM650		6500	950	*1700	1050	*1800	2910	7200	7675	2200	1747	3-6	*3-6	4800	5100	
TFM700		7000	650	*1400	750	*1500	3110	7700	8175	2300	1947	3-6	*3-6	4850	5150	

With Separated Side shifter, load capacity subtract 200Kg. With Integrated side shifter, load capacity subtract 50Kg.

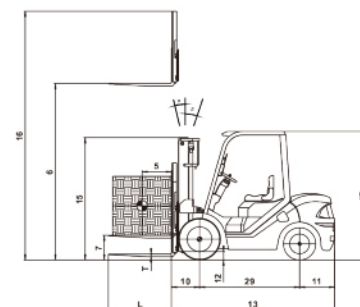
*(Asterisk) is for double front wheels model.

MAIN SPECIFICATIONS

General	1	Manufacturer														1	
	2	Model		FD30T-E	FD35T-E	FD30T-F	FD35T-F	FD30T-JB	FD35T-JB	FD30T-JE	FD35T-JE	FD30T-JM	FD35T-JM	FD30T-JD	FD35T-JD	2	
	3	Power Type		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	3	
	4	Rated Load Capacity	Q(kg)	3000	3500	3000	3500	3000	3500	3000	3500	3000	3500	3000	3500	4	
	5	Load Centre	C(mm)	500	500	500	500	500	500	500	500	500	500	500	500	5	
Characteristic & Dimension	6	Rated Lift Height	H _a (mm)	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	6	
	7	Free Lift Height	H _z (mm)	100	100	100	100	100	100	100	100	100	100	100	100	7	
	8	Fork Size (L×W×T)	mm	1070x125x45	1070x125x50	1070x125x45	1070x125x50	1070x125x45	1070x125x50	1070x125x45	1070x125x50	1070x125x45	1070x125x50	1070x125x45	1070x125x50	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°	6°/12°	6°/12°	6°/12°	6°/12°	9	
	10	Fork Overhang (Wheel Center to Fork Face)	X ₁ (mm)	484	484	484	484	484	484	484	484	484	484	484	484	10	
	11	Rear Overhang	X ₂ (mm)	595	635	595	635	595	635	595	635	595	635	595	635	11	
	12	Ground Clearance (Bottom of Mast)	H _z (mm)	145	145	145	145	145	145	145	145	145	145	145	145	12	
	13	Length to Face of Fork (Without Fork)	L ₁ (mm)	2773	2813	2773	2813	2773	2813	2773	2813	2773	2813	2773	2813	13	
	14	Overall Width	B ₁ (mm)	1225	1225	1225	1225	1225	1225	1225	1225	1225	1225	1225	1225	14	
	15	Mast Lowered Height	H ₁ (mm)	2070	2070	2070	2070	2070	2070	2070	2070	2070	2070	2070	2070	15	
	16	Mast Extended Height (With Backrest)	H _a (mm)	4070	4070	4070	4070	4070	4070	4070	4070	4070	4070	4070	4070	16	
	17	Overhead Guard Height	H _s (mm)	2235	2235	2235	2235	2235	2235	2235	2235	2235	2235	2235	2235	17	
	18	Turning Radius (Outside)	W _a (mm)	2450	2480	2450	2480	2450	2480	2450	2480	2450	2480	2450	2480	18	
	19	Min.Aisle width for pallets	A _{st} (mm)	4205	4235	4205	4235	4205	4235	4205	4235	4205	4235	4205	4235	19	
Performance	20	Travel Speed (No Load)	km/h	19	19	19	19	19	19	19	19	19	19	19	20		
	21	Lifting Speed (Full Load)	mm/sec	430	400	430	400	410	380	410	380	410	380	410	380	21	
	22	Lowering Speed (Full Load)	mm/sec	450	450	450	450	450	450	450	450	450	450	450	450	22	
	23	Max.Drawbar Pull (Full Load/No Load)	KN	16(15.7)	16(15.7)	16(15.7)	16(15.7)	18.5(14.8)	18.5(14.8)	26(21)	26(21)	26(21)	26(21)	26(21)	26(21)	23	
	24	Max.Gradeability (Full Load)	%	20	20	20	20	20	20	20	20	20	20	20	20	24	
Chassis	25	Tyre (Front x 2)	mm	28x9-15-12PR												25	
	26	Tyre (Rear x 2)	mm	6.50-10-10PR												26	
	27	Front Tread	B _z (mm)	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	27	
	28	Rear Tread	B _s (mm)	980	980	980	980	980	980	980	980	980	980	980	980	28	
	29	Wheelbase	Y(mm)	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	29	
Weight	30	Total Weight	kg	4340	4840	4340	4840	4340	4840	4340	4840	4340	4840	4340	4840	30	
	31	Front Axle Weight Distribution (Full Load)	kg	6490	7320	6490	7320	6490	7320	6490	7320	6490	7320	6490	7320	31	
	32	Rear Axle Weight Distribution (Full Load)	kg	820	930	820	930	820	930	820	930	820	930	820	930	32	
	33	Front Axle Weight Distribution (No Load)	kg	1764	2040	1764	2040	1764	2040	1764	2040	1764	2040	1764	2040	33	
	34	Rear Axle Weight Distribution (No Load)	kg	2546	2710	2546	2710	2546	2710	2546	2710	2546	2710	2546	2710	34	
Power & Transmission	35	Battery	V/Ah	12/90	12/90	12/90	12/90	12/90	12/90	12/90	12/90	12/90	12/90	12/90	12/90	35	
	36	Engine Model		A498BT1-35(Eu III)		C490BPG-37 (Eu III)		C240PKJ30 (Eu III)		4TNE98 (Eu III & EPA III)		Mitsubishi S4S		4TNV94L-NH-Z		36	
	37	Engine Manufacturer		XINCHAI		XINCHAI		ISUZU		YANMAR		Mitsubishi		YANMAR		37	
	38	Rated Output / r.p.m.	kw	36.8/2400		36.8/2650		35.4/2500		42.1/2300		35.4/2250		34.1/2400		38	
	39	Rated Torque / r.p.m.	Nm	193/1600-1800		156/1800		139/1800		187-207/1700		177/1700		200/1375		39	
	40	No.of Cylinder		4	4	4	4	4	4	4	4	4	4	4	4	40	
	41	Bore x Stroke	mm	98x105	98x105	90x105	90x105	86x102	86x102	98x110	98x110	94x120	94x120	94x110	94x110	41	
	42	Displacement	cc	3168	3168	2670	2670	2369	2369	3318	3318	3331	3331	3053	3053	42	
	43	Fuel Tank Capacity	L	50	50	50	50	50	50	50	50	50	50	50	50	43	
	44	Transmission Type		Hydraulic												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)	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	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	46

Specifications and characteristics are subject to change without notice.Please contact us for detailed information.

XCMG Forklift retains the right to interpret.



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

