

## Forklift Specification

General		Model		FD25J-C4WE	FD35J-C4WE	
1		Model		FD25J-C4WE	FD35J-C4WE	
2		Power type		diesel	diesel	
3		Rated capacity		Kg 2500	3500	
4		Load centre		mm 500	500	
5		Lift height		mm 3000	3000	
6		Free lift height		mm 160	165	
7		Fork size	L×W×T	mm 1070×125×40	1220×125×45	
8		Fork regulating range	Min./Max.	mm 250-1560	250-1560	
9		Mast tilt angle	F/R	Deg 10/12	10/12	
10		Front overhang		mm 680	680	
11		Rear overhang		mm 590	597	
12		Min.ground clearance		mm 394.5	410	
13		Length to face of fork (without fork)		mm 3182	3227	
14		Overall width		mm 1980	1980	
15		Mast lowered height		mm 2454	2470	
16		Mast extended height (with backrest)		mm 4270	4400	
17		Overhead guard height		mm 2250	2250	
18		Min. turning radius		mm 4275	4295	
19		Min. right angle stacking aisle width(add load length and clearance)		mm 8375	8395	
20		Speed		Travel(Unladen) Km/h 20	20	
21		Lifting(Laden)		mm/s 540	450	
22		Lowering(Laden)		mm/s 630	540	
23		Max. Drawbar pull(Laden/unladen)		KN 34.3	34.3	
24		Max. Gradeability(Laden)		% 38	38	
25		Tyre	Front	405/70-20-14PR	405/70-20TL	
			Rear	10.0/75-15.3-14PR	10.0/75-15.3	
26		Tread	Front	mm 1570	1570	
			Rear	mm 1440	1440	
27		Wheelbase		mm 1950	1950	
28		Self weight		kg 4900	5750	
29		Weight Distribution	Laden	Front axle kg 6290	7990	
			Rear axle kg 1110	1260		
31		Unladen	Front axle	kg 2265	2450	
			Rear axle	kg 2635	3300	
33		Battery	Voltage/Capacity	V/Ah 12/90	12/90	
34		Model		4TNE98-BQFLC	4TNE98-BQFLC	
35		Manufacture		YANMAR	YANMAR	
36		Rated output/r.p.m.		Kw 44.3/2300	44.3/2300	
37		Rated torque/r.p.m.		N.m 186-206/1700	186-206/1700	
38		No. of cylinder		4	4	
39		Bore×Stroke		mm 98×110	98×110	
40		Displacement		L 3.319	3.319	
41		Fuel tank capacity		L 60	60	
42		Manufacture		DANA	DANA	
43		Transmission	Front axle	112	112	
44			Type	Rear axle	211	211
45			Transfer case	311	311	
46		Stage	F/R	1/1	1/1	
47		Static system pressure		Mpa 40	40	
48		Operating pressure(For attachments)		Mpa 20	20	
49		Min.right angle stacking aisle width		mm 2980	3000	

## Mast Specification

Type	Model	Lifting height on forks (mm)	Overall height mast lowered(mm)	Free lift on forks (mm)		Front overhang	Mast tilting angle front/rear	Capacity at Max. height (Kg)	
				With bracket	Without bracket			Without side shifter	With side shifter
Wide view 2-stage mast	M270	2700	2320	165	165	700	10/12°	3500	3200
	M300	3000	2470	165	165	700	10/12°	3500	3200
	M330	3300	2620	165	165	700	10/12°	3500	3200
	M350	3500	2720	165	165	700	10/12°	3500	3200
	M370	3700	2820	165	165	700	10/12°	3500	3200
	M400	4000	3020	165	165	700	10/12°	3400	3100
	M450	4500	3270	165	165	700	10/12°	3100	2900
Full free 3-stage mast	TFM370	3700	2255	798	1243	700	10/12°	3500	3100
	TFM400	4000	2345	888	1333	700	10/12°	3500	3100
	TFM435	4350	2470	1013	1458	700	10/12°	3000	2900
	TFM470	4700	2605	1128	1573	700	10/12°	2800	2500
	TFM500	5000	2720	1263	1708	700	6/6°	2800	2500
	TFM550	5500	2885	1428	1873	700	6/6°	2500	2300
	TFM600	6000	3070	1613	2058	700	6/6°	2100	1800



4WD Hydrostat