

UN Forklift

F Series 2.5T2WD&4WD

Rough Terrain Forklift

General	1	Manufacturer		UN	
	2	Model		FD25J-DFJE1	FD25J-DFJS1
	3	Power Type		Diesel	
	4	Rated Load Capacity	Q(kg)	2500	
	5	Load Centre	C(mm)	500	
Characteristic &Dimensions	6	Free Lift Height	h2(mm)	112	
	7	Rated Lift Height	h3(mm)	3300	
	8	Mast lowered Height	h1(mm)	2360	
	9	Mast Extended Height (With Backrest)	h4(mm)	4364	
	10	Mast Tilt Angle (F/R, α/β)	(deg)	10°/12°	
	11	Overhead Guard Height	h6(mm)	1990	
	12	Overall Length	l1(mm)	4135	
	13	Length to Face of Forks (Without Fork)	l2(mm)	3065	
	14	Overall Width	b1(mm)	1450	
	15	Forks Size (L*W*T)	s/e/l(mm)	1070x122x40	
	16	Fork Overhang (Wheel Center to Fork Face)	X(mm)	613	
	17	Fork Carriage Width	b3	1200	
	18	Ground Clearance Below Mast	m1	300	
	19	Ground Clearance at Centre of Wheelbase	m2	310	
20	Turning Radius	Wa	3380		
Performances	21	Travel Speed (Full Load) 2WD/4WD	km/h	19/10	
	22	Travel Speed (No Load) 2WD/4WD	km/h	21/12	
	23	Lifting Speed (Full Load / No Load)	m/s	0.4/0.5	
	24	Lowering Speed (Full Load / No Load)	m/s	No Load \geq 0.3 Full Load \leq 0.6	
	25	Max.Drawbar Pull (Full Load / No Load)	KN	38/30	
	26	Max.Gradeability (Full Load / No Load)	%	50	
	27	Tyre (Frontx2)		12.5/80-18NHS 14PR	
	28	Tyre (Rearx2)		27x10-12NHS	
	29	Front Tread	b10(mm)	1160	
	30	Rear Tread	b11(mm)	1175	
	31	Wheelbase	Y(mm)	1900 mm	
Weight	32	Total Weight		4230	
	33	Front Axle Weight Distribution (Full Load)	kg	5660/1070	
	34	Front Axle Weight Distribution (No Load)	kg	1690/2540	
Power & Transmission	35	Engine Model		Yanmar/4TNE98/Euro 3	Doosan/D24/Euro 5
	36	Engine Power	Kw	43.7	48.2
	37	Rated Speed	tr/min	2300	2600
	38	Rated Torque /Speed	N-m/tr/min	177.6-196.3/1700	214/1600
	39	Bore x Stroke	mm	98x110	90x94
	40	Displacement	cc	3318	2392
	41	Transmission Type		Hydrostatic transmission	
	42	Operating Pressure	Mpa	18.5	
	43	Fuel Tank Capacity	L	50	
	44	Transmission Stage (FWD / RVS)		1/1	