

UN Forklift

N Series 2.5T-3.5T 4WD Drive

Rough Terrain Forklift

	1	Manufacturer	UN						
			FD25T-DNJM1	FD30T-DNJM1	FD35T-DNJM1	FD25T-DNJE1	FD30T-DNJE1	FD35T-DNJE1	
General	2	Model							
	3	Power Type	Diesel						
	4	Rated Load Capacity	Q(kg)	2500	3000	3500	2500	3000	3500
	5	Load Centre	C(mm)	500					
	6	Rated Lift Height	H3(mm)	3000					
Characteristic & Dimension	7	Free Lift Height	H2(mm)	160	165		160	165	
	8	Fork Size (L×W×T)	mm	1070×122×45	1070×125×50		1070×122×45	1070×125×50	
	9	Mast Tilt Angle (F/R, α°/β°)	deg	10°/12°					
	10	Fork Overhang (Wheel Center to Fork Face)	X1(mm)	585	600		585	600	
	11	Rear Overhang	X2(mm)	615					
	12	Ground Clearance (Bottom of Mast)	H7(mm)	275					
	13	Length to Face of Fork (Without Fork)	L1(mm)	3050					
	14	Overall Width	B1(mm)	1600					
	15	Mast Lowered Height	H1(mm)	2215	2330		2215	2330	
	16	Mast Extended Height (With Backrest)	H4(mm)	4122	4305		4122	4305	
	17	Overhead Guard Height	H5(mm)	2256	2276		2256	2276	
	18	Turning Radius (Outside)	Wa(mm)	3150					
	19	Min.Aisle width for pallets	Ast(mm)	4735	4750		4735	4750	
	Performance	20	Travel Speed (Laden/Unladen)	km/h	17/18				
21		Lifting Speed (Laden/Unladen)	mm/sec	560/600	520/560	470/500	600/650	530/560	480/510
22		Lowering Speed (Laden/Unladen)	mm/sec	500/450					
23		Max.Drawbar Pull (Laden/Unladen)	KN	38					
24		Max.Gradeability (Laden)	%	50	45		50	45	
Chassis	25	Tyre (Front x 2)	mm	12-16.5-12PR	14-17.5-14PR		12-16.5-12PR	14-17.5-14PR	
	26	Tyre (Rear x 2)	mm	10.0 /75-15.3					
	27	Front Tread	B2(mm)	1250					
	28	Rear Tread	B3(mm)	1190					
	29	Wheelbase	Y(mm)	1880					
Weight	30	Total Weight	kg	4820	5300	5450	4820	5300	5450
	31	Front Axle Weight Distribution (Full Load)	kg	6592	7265	7764	6592	7265	7764
	32	Rear Axle Weight Distribution (Full Load)	kg	728	1035	1186	728	1035	1186
	33	Front Axle Weight Distribution (No Load)	kg	2165	2390	2430	2165	2390	2430
	34	Rear Axle Weight Distribution (No Load)	kg	2655	2910	3020	2655	2910	3020
Power & Transmission	35	Battery	V/Ah	12V/90AH					
	36	Engine Model		S4S			4TNE98		
	37	Engine Manufacturer		MITSUBISHI			YANMAR		
	38	Rated Output / r.p.m.	kw	35.3/2250			42.1/2300		
	39	Rated Torque / r.p.m.	N·m	177/1700			196.3/1700		
	40	No.of Cylinder		4			4		
	41	Bore x Stroke	mm	94×120			98×110		
	42	Displacement	cc	3.331			3.319		
	43	Fuel Tank Capacity	L	55					
	44	Transmission Type		Powershift					
	45	Transmission Stage (FWD/RVS)		2/1					
	46	Operating Pressure (For Attachments)	Mpa	20					