

3.5T FORKLIFT

3.5T DIESEL ROUGH TERRAIN FORKLIFT



N SERIES

2.5T - 3.5T

4WD ROUGH TERRAIN FORKLIFT

UN forklifts are designed to excel in the most challenging environments with increased safety, enhanced cooling systems, reduced noise and vibration all with low maintenance. With refined performance at an affordable price, UN Forklifts reduce the total cost of ownership and provide reliable and efficient solutions to drive productivity in your operations.



MODEL		2.5T	3.0T	3.5T
GENERAL SPECIFICATIONS				
Power Type		Diesel	Diesel	Diesel
Load Capacity	T	1.5T	1.8T	2.0T
Load Capacity	Q(kg)	2500	3000	3500
Load Centre	mm	500	500	500
CHARACTERISTICS & DIMENSION				
Rated Lift Height	H3(mm)	3000	3000	3000
Free Lift Height	H2(mm)	160	165	165
Fork Size (LxWxT)	mm	1070x122x45	1070x125x50	1070x125x50
Mast Tilt Angle (F/R, α°/β°)	deg	10°/12°	10°/12°	10°/12°
Fork Overhang	X1(mm)	585	600	600
Rear Overhang	X2(mm)	615	615	615
Ground Clearance (bottom of mast)	H7(mm)	275	275	275
Length to Face of Fork	L1(mm)	3050	3050	3050
Overall Width	B1(mm)	1600	1600	1600
Mast Lowered Height	H1(mm)	2215	2330	2330
Mast Extended Height (With Backrest)	H4(mm)	4122	4305	4305
Overhead Guard Height	H5(mm)	2256	2276	2276
Turning Radius (Outside)	Wa(mm)	3150	3150	3150
Min.Aisle width for pallets	Ast(mm)	4735	4750	4750

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TYRE				
Tyre (Front x 2)	mm	12-16.5-12PR	14-17.5-14PR	14-17.5-14PR
Tyre (Rear x 2)	mm	10.0 /75-15.3	10.0 /75-15.3	10.0 /75-15.3
Front Tread	B2(mm)	1250	1250	1250
Rear Tread	B3(mm)	1190	1190	1190
Wheelbase	Y(mm)	1880	1880	1880
PERFORMANCE				
Travel Speed (No Load)	km/h	17/18	17/18	17/18
Lifting Speed (Full Load)	mm/sec	560/600	520/560	470/500
Lowering Speed (Full Load)	mm/sec	500/450	500/450	500/450
Max.Drawbar Pull (Full Load/No Load)	KN	38	38	38
Max.Gradeability (Full Load)	%	50	45	45
WEIGHT				
Total Weight	kg	4820	5300	5450
Front Axle Weight Distribution (Full Load)	kg	6592	7265	7764
Rear Axle Weight Distribution (Full Load)	kg	728	1035	1186
Front Axle Weight Distribution (No Load)	kg	2165	2390	2430
Rear Axle Weight Distribution (No Load)	kg	2655	2910	3020
POWER & TRANSMISSION				
Battery	V/Ah	12V/90AH	12V/90AH	12V/90AH
Fuel Tank Capacity	L	55	55	55
Operating Pressure (For Attachments)	Mpa	20	20	20
Transmission Type		Powershift	Powershift	Powershift
Transmission Stage (FWD/RVS)		2/1	2/1	2/1
Engine Model		S4S	S4S	S4S
Engine Manufacturer		mitsubishi	mitsubishi	mitsubishi
Rated Output / r.p.m.	kw	35.3/2250	35.3/2250	35.3/2250
Rated Torque / r.p.m.	N-m	177/1700	177/1700	177/1700
No.of Cylinder		4	4	4
Bore x Stroke	mm	94x120	94x120	94x120
Displacement	cc	3.331	3.331	3.331
EXTRAS INCLUDED				
Side-Shift	-	-	-	-
Fork positioner	-	-	-	-
Solid Non-Marking Tyres	-	-	-	-

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