

N SERIES

4.0T-5.0T MINI DIESEL FORKLIFTS

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		4.0T	4.5T	5.0T
GENERAL SPECIFICATIONS				
Power Type		Diesel	Diesel	Diesel
Load Capacity	T	4.0T	4.5T	5.0T
Load Capacity	Q(kg)	4000	4500	5000
Load Centre	mm	500	500	500
CHARACTERISTICS & DIMENSION				
Rated Lift Height	mm	3000	3000	3000
Free Lift Height	mm	84	84	84
Fork Size (LxWxT)	mm	1070×150×50	1070×150×50	1070×150×50
Mast Tilt Angle (F/R, α°/β°)	deg	6°/12°	6°/12°	6°/12°
Fork Overhang (Wheel Center to Fork Face)	mm	578	578	578
Rear Overhang	mm	550	570	614
Ground Clearance (Bottom of mast)	mm	175	175	175
Length to Face of Fork (Without Fork)	mm	3091	3091	3125
Overall Width	mm	1485	1485	1485
Mast Lowered Height	mm	2260	2260	2260
Mast Extended Height (With Backrest)	mm	4266	4266	4266
Overhead Guard Height	mm	2260	2260	2260
Turning Radius (Outside)	mm	2790	2790	2830
Min.Aisle width for pallets	mm	4640	4640	4680

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PERFORMANCE				
Travel Speed (No Load)	km/h	•	•	22
Lifting Speed (No Load/Full Load)	mm/sec	450	450	430
Lowering Speed (No Load/Full Load)	mm/sec	480	480	480
Max.Drawbar Pull (Full Load)	KN	>21	>21	>21
Max.Gradeability (Full Load)	%	≥20%	≥20%	≥20%
CHASSIS				
Tyre (Front x 2)	mm	300-15-18PR	300-15-18PR	300-15-18PR
Tyre (Rear x 2)	mm	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR
Front Tread	mm	1180	1180	1180
Rear Tread	mm	1190	1190	1190
Wheelbase	mm	2000	2000	2000
WEIGHT				
Total Weight	kg	6600	6800	7100
Front Axle Weight Distribution (Full Load)	kg	9010	9750	10500
Rear Axle Weight Distribution (Full Load)	kg	1590	1550	1600
Front Axle Weight Distribution (No Load)	kg	2750	2710	2680
Rear Axle Weight Distribution (No Load)	kg	3850	4090	4420
POWER & TRANSMISSION				
Battery	V/Ah	24/90	24/90	24/90
Engine Model		S6S(EUIII)	S6S(EUIII)	S6S(EUIII)
Engine Manufacturer		Mitsubishi	Mitsubishi	Mitsubishi
Rated Output / r.p.m.	kw	52 /2300	52 /2300	52 /2300
Rated Torque / r.p.m.	N-m	248 /1700	248 /1700	248 /1700
No.of Cylinder		6	6	6
Bore x Stroke	mm	94 × 120	94 × 120	94 × 120
Displacement	L	4.966	4.966	4.966
Fuel Tank Capacity	L	90	90	90
Transmission Type		Powershift	Powershift	Powershift
Transmission Stage (FWD/RVS)		2/1	2/1	2/1
Operating Pressure (For Attachments)	Mpa	19	19	19

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EXTRAS INCLUDED				
Side-Shift	•	•	•	•
Fork postioner	•	•	•	•
Solid Non-Marking Tyres	•	•	•	•