

FGL50T-3F450 FORKLIFT

5T LPG STANDARD FORKLIFT (4.5M)

N SERIES

4.0 - MINI 5.0T

GASOLINE & LPG 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		LPG	LPG	LPG
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	H3(mm)	3000	3000	3000
Free Lift Height	H2(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	X1(mm)	578	578	578
Rear Overhang	X2(mm)	550	570	614
Ground Clearance (bottom of mast)	H7(mm)	175	175	175
Length to Face of Fork	L1(mm)	3091	3091	3125
Overall Width	B1(mm)	1485	1485	1485
Mast Lowered Height	H1(mm)	2260	2260	2260
Mast Extended Height (With Backrest)	H4(mm)	4266	4266	4266
Overhead Guard Height	H5(mm)	2260	2260	2260
Turning Radius (Outside)	Wa(mm)	2790	2790	2830
Min.Aisle width for pallets	Asl(mm)	4640	4640	4680



Market leading engines ensure superior performance, durability and excellent fuel efficiency. All diesel forklifts have Mitsubishi or Isuzu engines. The LPG and gasoline forklifts utilise Nissan engines.

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MODEL		4.0T	4.5T	5.0T
TYRE				
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	B2(mm)	1180	1180	1180
Rear Tread	B3(mm)	1190	1190	1190
Wheelbase	Y(mm)	2000	2000	2000
PERFORMANCE				
Travel Speed (No Load)	km/h	22/20	22/20	22/20
Lifting Speed (Full Load)	mm/sec	450	450	430
Lowering Speed (Full Load)	mm/sec	480	480	480
Max.Drawbar Pull (Full Load)	KN	>21	>21	>21
Max.Gradeability (Full Load)	%	≥20%	≥20%	≥20%
WEIGHT				
Total Weight	kg	6800	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	VI/Ah	24/80	24/80	24/80
Fuel Tank Capacity	L	90	90	90
Operating Pressure (For Attachments)	Mpa	17	17	17
Engine Model		PSI4.3	PSI4.3	PSI4.3
Engine Manufacturer		PSI	PSI	PSI
Rated Output / r.p.m.	kw	63/2000	63/2000	63/2000
Rated Torque / r.p.m.	N·m	298/1200	298/1200	298/1200
No.of Cylinder		6	6	6
Bore x Stroke	mm	101.6×88.4	101.6×88.4	101.6×88.4
Displacement	L	4.294	4.294	4.294
Transmission Type		Powershift	Powershift	Powershift
Transmission Stage (FWD/RVS)		2/1	2/1	2/1
EXTRAS INCLUDED				
Side-Shift	*	*	*	*
Fork postioner	*	*	*	*
Solid Non-Marking Tyres	*	*	*	*



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