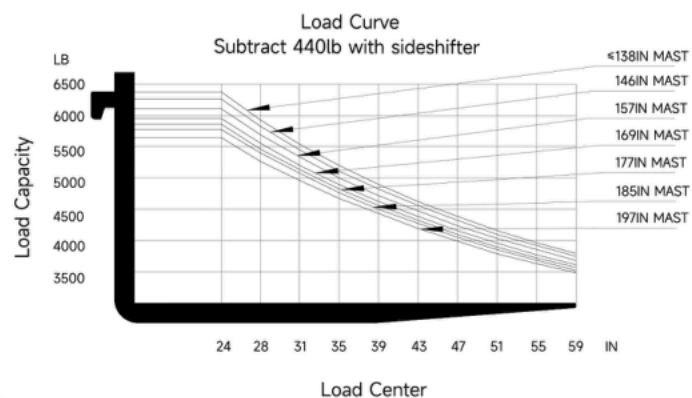
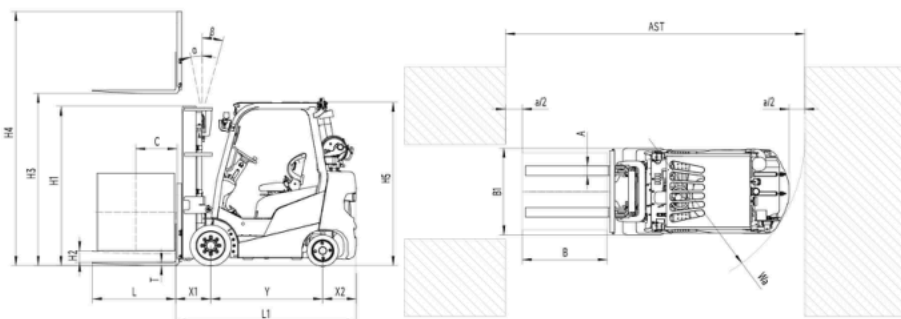




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NUFORKLIFT

F SERIES CUSHION TIRE LPG/GASOLINE FORKLIFT

Capacity 2000 -3200kg / 4000-6500lb

The F Series LPG/Gasoline Forklift is UN Forklift's second generation cushion tire forklift with latest innovation, featuring a short wheelbase design. It is compact in structure and precision-engineered for high-density and narrow warehouse applications.



COMPACT DESIGN ★

It adopts the classic exterior design of the N series IC forklift. With its compact structure and small flexible design, it enables precise operations within confined spaces.



SUPERIOR ERGONOMICS ★★★

Adoption of a suspended micro-motion braking mechanism and a submerged tilt cylinder layout to significantly increase foot space.

Incorporation of a large-radius structure for the overhead guard, expanding the driver's workspace.



Equipped with a fully suspension seat to enhance comfort.



Multifunctional LCD instrument panel, offering comprehensive information display and real-time monitoring.

HIGH PERFORMANCE ★★★

Implementation of a load-sensing steering system to further improve operational efficiency.



Integration of a high-angle cast steering axle to reduce the overall turning radius of the vehicle.



Equipped with high-quality multi-way valves with load feedback, optionally equipped with OPS, ensuring reliable quality and stable performance.

Equipped with a high-power certified GK25 or HMC2.4L engine, delivering powerful performance.

Widening the gear transmission box to enhance durability and extend operational lifespan.



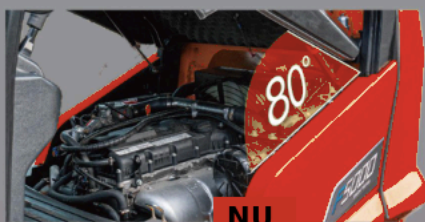
Utilizing the new narrow-groove steel mast to reduce the overall vehicle weight & enhance visibility.



Utilization of a small-diameter steering wheel, electro-hydraulic gearshift, and ratchet type hand-brake, greatly enhancing driving comfort.

EASY ★★★★★ MAINTENANCE

Increased hood opening angle provides a more spacious working environment for inspection and maintenance tasks.



Standard-equipped with swing down LPG tank bracket, allowing for easy replacement of the fuel tank.

Detachable left and right guard plates for convenient maintenance.



Easy check on transmission oil filter from small cover on the foot plate.



SAFETY & RELIABILITY ★★★★★

Aluminum fin-type radiator improves heat dissipation, ensuring reliable engine performance.

Optimization of key structural components such as the chassis, mast, overhead guard, and steering axle to enhance overall vehicle safety and reliability.



ENERGY EFFICIENCY & ENVIRONMENTAL FRIENDLY ★★★★★

Implementation of an optimized hydraulic system underscores energy efficiency, reducing overall fuel consumption.

Engine emissions comply with the latest EPA/CARB regulations in the United States.



MAIN SPECIFICATIONS

General	1	Manufacturer	NUFORKLIFT								UN																									
			FL20T-LUNX2				FL25T-LUNX2				FL30T-LUNX2				FL32T-LUNX2				FL20T-LUNK3				FL25T-LUNK3				FL30T-LUNK3				FL32T-LUNK3					
Characteristic & Dimension	2	Model																																		
	3	Power Type	LPG								LPG								DUAL																	
	4	Rated Load Capacity	Q	lb(kg)	4000(1814)	5000(2268)	6000(2722)	6500(2948)	4000(1814)	5000(2268)	6000(2722)	6500(2948)	4000(1814)	5000(2268)	6000(2722)	6500(2948)																				
	5	Load Centre	C	in(mm)	24(600)								24(600)								24(600)															
	6	Rated L/R Height	H3	in(mm)	118(3000)								118(3000)								118(3000)															
Performance	7	Free Lift Height	H2	in(mm)	4(100)								4(100)								4(100)															
	8	Fork Size (LxWxT)	mm	in(mm)	42X4.8X1.57(1070X122X40)	42X4.8X1.77(1070X122X45)	42X4.8X1.57(1070X122X40)	42X4.8X1.77(1070X122X45)	42X4.8X1.57(1070X122X40)	42X4.8X1.77(1070X122X45)	42X4.8X1.57(1070X122X40)	42X4.8X1.77(1070X122X45)	42X4.8X1.57(1070X122X40)	42X4.8X1.77(1070X122X45)	42X4.8X1.57(1070X122X40)	42X4.8X1.77(1070X122X45)																				
	9	Mast Tilt Angle (F/R, α°/β°)	deg		6°/8°								6°/8°								6°/8°															
	10	Fork Overhang (Wheel Center to Fork Face)	X1	in(mm)	17(435)								18(462.5)								17(435)								18(462.5)							
	11	Rear Overhang	X2	in(mm)	14(361)	16(417)	19(484)	20(514)	14(361)	16(417)	19(484)	20(514)	14(361)	16(417)	19(484)	20(514)																				
	12	Ground Clearance (Bottom of Mast)	H7	in(mm)	4(90)								4(90)								4(90)															
	13	Length to Face of Fork (Without Fork)	L1	in(mm)	88(2246)	91(2302)	94(2396.5)	96(2438)	88(2246)	91(2302)	94(2396.5)	96(2438)	88(2246)	91(2302)	94(2396.5)	96(2438)																				
	14	Overall Width	B1	in(mm)	43(1080)								44(1121)								43(1080)								44(1121)							
	15	Mast Lowered Height	H1	in(mm)	80(2035)								83(2110)								80(2035)								83(2110)							
	16	Mast Extended Height (With Backrest)	H4	in(mm)	160(4076)								162(4110.5)								160(4076)								162(4110.5)							
Chassis	17	Overhead Guard Height	H5	in(mm)	83(2120)								83(2120)								83(2120)															
	18	Turning Radius (Outside)	Wa	in(mm)	221(1990)	221(1990)	224(2070)	302(2070)	221(1990)	221(1990)	224(2070)	302(2070)	221(1990)	221(1990)	224(2070)	302(2070)																				
	19	Min. Right Angle Stacking Aisle Width (Net Load Length and Clearance)	Ast	in(mm)	265(3125)	265(3125)	269(3232.5)	348(2770)	265(3125)	265(3125)	269(3232.5)	348(2770)	265(3125)	265(3125)	269(3232.5)	348(2770)																				
	20	Travel Speed (No Load)		mph(kmh)	9.6(15.5)	9.6(15.5)	9.7(15.6)	9.7(15.6)	9.6(15.5)	9.6(15.5)	9.7(15.6)	9.7(15.6)	9.6(15.5)	9.6(15.5)	9.7(15.6)	9.7(15.6)																				
	21	Lifting Speed (No Load/Full Load)		ft/min(m/s)	106(6.40480)	106(6.40480)	88(7.9450400)	88(7.9450400)	106(6.40480)	106(6.40480)	106(6.40480)	106(6.40480)	106(6.40480)	106(6.40480)	106(6.40480)	106(6.40480)																				
Performance	22	Lowering Speed (No Load/Full Load)		ft/min(m/s)	90(100.4605100)	90(100.4605100)	96(102.4905320)	96(102.4905320)	90(100.4605100)	90(100.4605100)	96(102.4905320)	96(102.4905320)	90(100.4605100)	90(100.4605100)	96(102.4905320)	96(102.4905320)																				
	23	Max. Drawbar Pull (Full Load/No Load)	N		18636	18523	18415	18847	20351	20247	20146	20628	20351	20247	20146	20628																				
	24	Max. Gradeability (Full Load)	%		35.5%	28.9%	24.7%	24.0%	39.3%	31.9%	27.2%	26.5%	39.3%	31.9%	27.2%	26.5%																				
Chassis	25	Tyre (Front x 2)	mm	21x7-15								21x8-15								21x7-15								21x8-15								
	26	Tyre (Rear x 2)	mm	16x6x10.5								16x6x10.5								16x6x10.5								16x6x10.5								
	27	Front Tread	B2	in(mm)	35.5(902)								36(918)								35.5(902)								36(918)							
	28	Rear Tread	B3	in(mm)	36(912.5)								36(912.5)								36(912.5)								36(912.5)							
Weight	29	Wheelbase	Y	in(mm)	57(1450)								57(1450)								57(1450)								57(1450)							
	30	Total Weight	lb(kg)	7531(3416)	8486(3849)	9637(4371)	9937(4507)	7531(3416)	8486(3849)	9637(4371)	9937(4507)	7531(3416)	8486(3849)	9637(4371)	9937(4507)																					
	31	Front Axle Weight Distribution (Full Load)	lb(kg)	11049(4558)	11796(5352)	13542(6143)	14339(6504)	11049(4558)	11796(5352)	13511(6128)	14339(6504)	11049(4558)	11796(5352)	13511(6128)	14339(6504)																					
Power & Transmission	32	Rear Axle Weight Distribution (Full Load)	lb(kg)	1450(658)	1688(766)	2066(951)	2102(953)	1450(658)	1688(766)	2127(965)	2102(953)	1450(658)	1688(766)	2127(965)	2102(953)																					
	33	Front Axle Weight Distribution (No Load)	lb(kg)	3248(1473)	3229(1465)	3144(1426)	3069(1392)	3248(1473)	3229(1465)	3113(1412)	3069(1392)	3248(1473)	3229(1465)	3113(1412)	3069(1392)																					
	34	Rear Axle Weight Distribution (No Load)	lb(kg)	4283(1943)	5257(2385)	6493(2945)	6868(3115)	4283(1943)	5257(2385)	6452(2959)	6868(3115)	4283(1943)	5257(2385)	6452(2959)	6868(3115)																					
	35	Battery	Volts	12V / 60AH								12V / 60AH								12V / 60AH																
Power & Transmission	36	Engine Model	HMC 2.4L T3 LPG								GK25 (CARB SIP LSI-1/EPA Tier2)								GK25 (CARB SIP LSI-1/EPA Tier2)																	
	37	Engine Manufacturer	HYUNDAI								GCT								GCT																	
	38	Rated Output / r.p.m.	hp(kw / r/min)	60.9(2600/45.4/2600)								61.4 / 2700(45.8 / 2700)								61.4 / 2700(45.8 / 2700)																
	39	Rated Torque / r.p.m.	N.m	178.9(2000)								190 / 1600								175 / 1600																
	40	No. of Cylinder		4								4								4																
	41	Bore x Stroke	in(mm)	88X97(3.46X3.82)								89 x 100(3.5 x 3.94)								89 x 100(3.5 x 3.94)																
	42	Displacement	cc	2359								2,488								2,488																
	43	Fuel Tank Capacity	gal(L)	13(50)	11(42)	11(42)	11(42)	13(50)	11(42)	11(42)	11(42)	13(50)	11(42)	11(42)	11(42)																					
	44	Transmission Type		Powershift								Powershift								Powershift																
	45	Transmission Stage (FWD/RVS)		1/1								1/1								1/1																
46	Operating Pressure (For Attachments)	PSI(Mpa)	2683(18.5)								2683(18.5)								2683(18.5)																	