

www.noblelift.com

# We Promise, We deliver



Official website    Our Wechat

## NOBLELIFT CHINA

Add:528 Changzhou Road, Taihu Sub-district,  
Changxing, Zhejiang 313100 China  
Tel:86-572-6210817 6210311  
Fax:86-572-6210777 6128612  
Email: info@ noblelift. com  
Http: www. noblelift. com    www. noblelift. cn

## NOBLELIFT NORTH AMERICA

Add:2461 S Wolf Road Des Plaines, IL 60018  
Tel:001-847-595-7100  
Fax:001-847-595-7200  
Email: sales@ nobleliftna. com  
Http: www. nobleliftna. com

## NOBLELIFT RUSSIA

ООО «Ноблелифт Рус», 195067, Санкт-Петербург  
пр. Маршала Блюхера, д. 78, литер Б  
Тел.: +7-800-700-28-97  
Email: sales@ noblelift.com.ru  
Http: www.noblelift.com.ru

## NOBLELIFT EUROPE GMBH

Add:Noblelift Europe GmbH Werner-von-SiemenStrasse,  
1224568, Kaltenkirchen Germany  
Tel:+49 9401 607930  
Fax:+49 9401 6079329  
Email:mail@noblelifteurope.com  
Http:www.noblelifteurope.com

FL4P20N-35N LPG Pneumatic Forklift Series Brochure-03-2024

# NOBLELIFT

## FL4P25N—35N LPG

2,500 - 3,500 kg Capacity  
LPG Pneumatic Forklift

NEW Noblelift Products  
ARRIVAL





## HIGHLIGHTS

- ▶ On-demand fully hydrostatic power steering (FHPS)
- ▶ 4-Way hydraulics to carriage
- ▶ Side-shift
- ▶ Intelligent buffering
- ▶ Multi-function LED Display: Speed, travel direction, fuel indicator, engine temp, oil pressure, odometer, hour meter, parking brake and more
- ▶ Spacious operator cab
- ▶ Deluxe suspension seat
- ▶ Tilt steering column
- ▶ Operator Presence System (OPS) for safe operation
- ▶ Tilt cylinder boots
- ▶ Safety Blue light
- ▶ LED rear work light, headlights, and strobe
- ▶ Rear grab bar with horn
- ▶ Easy serviceability

## FL4P25N—35N

**2,500 - 3,500 kg Capacity**  
LPG Pneumatic Forklift

The FL4P25N-35N Series are highly efficient, durable LPG Pneumatic forklifts. They are designed to move high volumes and big loads reliably. The mast system, front/rear axles, chassis and overhead guard are engineered for the toughest conditions. Applications can include lumber yards, brick and stone distribution centers, specialized warehouses and heavy-duty manufacturing facilities. These high performance, low maintenance forklifts deliver improved productivity while ensuring operator comfort throughout the entire shift.



The angle of the steering column is easily adjusted with a lever on the left-hand side of the steering column.



Equipped with LED lamps: LED rear work lights, headlights, strobe and safety blue light. Bright light with low power consumption provides excellent visibility.



Optimized pedal position gives operator comfort throughout the entire work shift while reducing operator fatigue.



(2) USB connectors for charging and powering of additional devices during operations.



Angled exit ports direct engine air away from the operator and the cab to help operators stay cool.



Automotive-style levers for headlights and turn signals operate like a car. Easy and intuitive operating controls shorten learning time.



Heavy-duty steel chassis, axles, mast and overhead guard deliver high strength and stability for high lifting heights and heavy loads.



Radiator's plate fin heat dissipation system keeps engine running reliably, even in the most demanding applications.



Intelligent buffering effectively protects the ground and cargo from damage while forks descend to the ground.



Operator Presence System (OPS) — When operator is not in seat, the hydraulic lift and tilt controls automatically lock out and traveling is disabled.



Cast axles increase the bearing load and improve the truck structure, while prolonging vehicle service life.



Durable controller that integrates all electrical components is protected from temperature, water and vibration.



FL4P25-35N  
LPG



## Hyundai Engine

Type:N3/P3; K3/L3

High performance, durability and excellent fuel efficiency.

Rated output 43.5/2500kw/r.p.m  
Rated torque:177/1600N.m/r.p.m

Model:THETA2.4  
No. of cylinder:4  
Bore x Stroke:88×97mm  
Displacement:2.359L

Powerful high-output engine provides excellent acceleration, gradeability and fast travel speed.



FL4P25-35N  
LPG



Mast layout is optimized for a wide view and clear visibility while operating.



The large, ergonomic cab and user-friendly design ensures operator comfort throughout the entire work shift. Low entrance height provides operator easy and safe access.

Deluxe suspension, fully adjustable seat reduces vibration to the driver to effectively reduce driver fatigue for all sizes of operators.



On-Demand Fully Hydrostatic Power Steering (FHPs) guarantees smooth steering, preventing over-run and kick-back. Spinner knob allows easier one-handed steering.



Gain rapid access to engine and other components with an air spring assisted engine cover and integrated hood lock. Opens wide to allow for complete access.



NOBLELIFT's LPG engines meet the tough EPA Tier IV Final and EU Stage V emission regulations for engine exhaust emissions.

NOBLELIFT has used environment friendly materials when possible — Including non-asbestos brake shoes and a new type of sealing gasket. We are committed to pursuing a clean environment.

Automobile-style brake fluid system makes it simple to add and check the brake fluid.

Radiator cover fasteners are easily turned by hand to enable quick inspection or servicing.

Air cleaning system with tangential intake and double seal with safety filter is durable, corrosion-free, and vibration-resistant. It provides optimal filter efficiency and lower intake resistance.



Modular frame is designed based on the same chassis as the NOBLELIFT Diesel and Electric forklifts. Main components and configurations are the same. Spare parts inventory is minimized to reduce service and maintenance costs.



Mast Table FL25N							
Designation	Lift height		Free Lift	Closed mast height	Extended mast height	Tilt forward/backward	Capacity table(kg) C=600mm without sideshift, single pneumatic tyres
	h3 (mm)	h2 (mm)	h1 (mm)	h4 (mm)	$\alpha / \beta(^{\circ})$		
Two-stage STD	2000	130	1570	2974	6/10	2500	
	2500	130	1820	3474	6/10	2500	
	3000	130	2070	3974	6/10	2500	
	3300	130	2220	4274	6/10	2500	
	3500	130	2320	4474	6/10	2500	
	3600	130	2370	4574	6/10	2500	
	3700	130	2420	4674	6/10	2500	
	4000	130	2620	4974	6/6	2450	
	4300	130	2770	5274	6/6	2300	
	4500	130	2870	5474	6/6	2100	
5000	130	3120	5974	6/6	1850		
Two-stage FL	2000	631	1570	2968	6/10	2500	
	2500	881	1820	3468	6/10	2500	
	3000	1131	2070	3968	6/10	2500	
	3300	1281	2220	4268	6/10	2500	
	3500	1381	2320	4468	6/10	2500	
	3600	1431	2370	4568	6/10	2500	
	3700	1481	2420	4668	6/6	2500	
	4000	1681	2620	4968	6/6	2400	
Three-stage FFL	4000	1056	1980	4978	6/6	2350	
	4350	1181	2105	5328	6/6	2200	
	4500	1231	2155	5476	6/6	2000	
	4800	1331	2255	5776	6/6	1900	
	5000	1474	2398	5976	6/6	1700	
	5500	1708	2647	6476	3/6	1400	
	6000	1941	2865	6976	3/6	950	
	6500	2174	3098	7476	3/6	700	

Mast Table FL30N-35N												
Designation	Lift height		Free Lift		Closed mast height		Extended mast height		Tilt forward/backward		Capacity table(kg) C=500mm without sideshift, single pneumatic tyres	
	h3 (mm)		h2 (mm)		h1 (mm)		h4 (mm)		$\alpha / \beta(^{\circ})$		FL25	
	FL30N	FL35N	FL30N	FL35N	FL30N	FL35N	FL30N	FL35N	FL30N	FL35N	FL30N	FL35N
Two-stage STD	2000	2000	140	145	1575	1685	3079	3079	6/10	6/10	3000	3500
	2500	2500	140	145	1825	1935	3579	3579	6/10	6/10	3000	3500
	3000	3000	140	145	2075	2185	4079	4079	6/10	6/10	3000	3500
	3300	3300	140	145	2225	2335	4379	4379	6/10	6/10	3000	3500
	3500	3500	140	145	2325	2435	4579	4579	6/10	6/10	3000	3500
	3600	3600	140	145	2375	2485	4679	4679	6/10	6/10	3000	3500
	3700	3700	140	145	2425	2535	4779	4779	6/10	6/10	3000	3500
	4000	4000	140	145	2625	2735	5079	5079	6/6	6/6	2950	3300
	4300	4300	140	145	2775	2885	5379	5379	6/6	6/6	2850	3250
	4500	4500	140	145	2875	2985	5579	5579	6/6	6/6	2600	3100
5000	5000	140	145	3125	3235	6079	6079	6/6	6/6	2400	2650	
Two-stage FL	2000	2000	563	491	1575	1575	3079	3079	6/10	6/10	3000	3500
	2500	2500	813	741	1825	1825	3579	3579	6/10	6/10	3000	3500
	3000	3000	1063	991	2075	2075	4079	4079	6/10	6/10	3000	3500
	3300	3300	1213	1141	2225	2225	4379	4379	6/10	6/10	3000	3500
	3500	3500	1313	1241	2325	2325	4579	4579	6/10	6/10	3000	3500
	3600	3600	1363	1291	2375	2375	4679	4679	6/10	6/10	3000	3500
	3700	3700	1413	1341	2425	2425	4779	4779	6/6	6/6	3000	3450
	4000	4000	1613	1541	2625	2625	5079	5079	6/6	6/6	2950	3300
Three-stage FFL	4000	4000	988	916	2000	2000	5079	5079	6/6	6/6	2900	3250
	4350	4300	1113	1041	2125	2125	5429	5429	6/6	6/6	2700	3150
	4500	4500	1163	1091	2175	2175	5579	5579	6/6	6/6	2600	3000
	4800	4800	1263	1191	2275	2275	5879	5879	6/6	6/6	2400	2800
	5000	5000	1406	1334	2418	2418	6079	6079	6/6	6/6	2300	2650
	5500	5500	1640	1568	2652	2652	6579	6579	3/6	3/6	1800	2200
	6000	6000	1873	1801	2885	2885	7079	7079	3/6	3/6	1400	1500
	6500	6500	2107	2039	3118	3118	7579	7579	3/3	3/6	800	900
7000		2205		3284		8079		3/6		600		

2.5-3.5T LPG truck main spec								
General	1	Model		FL25	FL30	FL35		
	2	Rated capacity	kg	2500	3000	3500		
	3	Load center	mm	500	500	500		
Characteristic & Dimension	4	Lift height	mm	3000	3000	3000		
	5	Mast tilt angle	F/R	Deg	6/10	6/10		
	6	Fork	L×W×T	mm	1070×122×40	1070×125×45	1070×130×50	
	7		Regulating range	mm	200-1040	250-1100	260-1100	
	8	Front overhang	mm	478	478	478		
	9	Rear overhang	mm	543	530	607		
	10	Mast width	Outer width of steel channel	mm	700	700	700	
	11	Min ground clearance (Bottom of frame)	Unladen	mm	131	156	156	
	12		Laden	mm	120	140	140	
	13	Min ground clearance (Bottom of mast)	Unladen	mm	125	140	140	
	14		Laden	mm	115	130	130	
	15	Overall dimensions	Overall length (without forks)	mm	2620	2700	2770	
	16		Overall width	mm	1150	1210	1210	
	17		Overall height	Overhead guard height	mm	2180	2205	2205
	18		Mast	mm	2010	2075	2150	
	19		Mast extended height	mm	4090	4182	4177	
	20	Min turning radius	mm	2230	2450	2520		
	21	Wheelbase	mm	1600	1700	1700		
	22	Traction pin height from the ground	mm	305	330	330		
23	Lowered seat to overall guard inside height	mm	1050	1050	1050			
24	Tyre pressure	Front	MPa	0.86	0.97	0.97		
25		Rear	MPa	0.86	0.79	0.79		
26	Tread	Front	mm	970	1000	1000		
27		Rear	mm	980	980	980		
28	Tyre center height from the ground	Unladen	Front	mm	320	345	345	
29			Rear	mm	250	260	260	
30		Laden	Front	mm	310	330	330	
31			Rear	mm	265	280	280	
Performance	32	Speed	Travel (Unladen/Laden)	km/h	18/17	19/18	19/18	
	33		Lifting (Unladen/Laden)	mm/sec	520/490	460/430	460/430	
	34		Lowering (Unladen/Laden)	mm/sec	420/380	400/380	400/380	
	35	Max drawbar pull (Unladen/Laden)	KN	15/17	15/17	15/17		
	36	Max gradeability (Unladen/Laden)	%	20	20	18		
	37	Ramp parking brake	%	15	15	15		
38	Braking distance	m	≤6	≤6	≤6			
39	System pressure	MPa	18.5	18.5	20.5			
Weight	40	Self weight	kg	3635	4340	4710		
	41	Weight distribution	Laden	Front	kg	5385	6520	7250
	42			Rear	kg	650	820	960
	43		Unladen	Front	kg	1500	1750	1690
	44			Rear	kg	2135	2590	3020
45	Tyre	Front	/	7.00-12-12PR	28*9-15-14PR	28*9-15-14PR		
46		Rear	/	6.00-9-10PR	6.50-10-10PR	6.50-10-10PR		