



FE4P16/18/20G

4-WHEEL LITHIUM ELECTRIC FORKLIFT TRUCK



Ergonomic



Environmentally
friendly



Entretien
facile



Easy
maintenance



Capacity
1600-2000kg



High
performance



Best value for
money

Why choose between price and quality when you can have both !

FE4P16-18-20G - PRODUCT OVERVIEW

// G Series Professional Lithium Battery Forklift Trucks

The G series lithium battery electric forklifts are a new range developed by Nobelift, with over 20 years of expertise in the field of electric forklifts.

This series revolutionises the electric forklift model by offering performance comparable to that of thermal models in terms of efficiency, power and reliability.

// Robust design

Featuring the classic exterior design of the Q series lithium forklifts, it has an innovative and compact structure, as well as an elegant and robust appearance.

// Powerful

Equipped with powerful motor torque, its travel speed, lifting speed and climbing ability are comparable to those of thermal forklifts.

// Optimised use and reduced maintenance

The traction and lift motors are asynchronous (AC) motors, which give the FE4P G series trucks remarkable performance and reduced wear and maintenance.



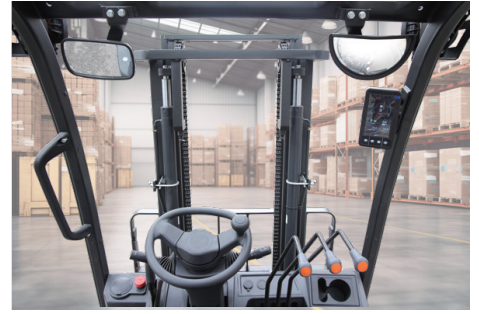
FE4P16-18-20G - PRODUCT FEATURES



Equipped with a USB port as standard, allowing devices to be charged and powered.



Standard head-up display for safer operation and better visibility, as well as a panoramic mirror.



The mast is designed to provide excellent visibility, a spacious working area and excellent ergonomics.



Various lithium battery configurations are available to ensure any type of operating time.



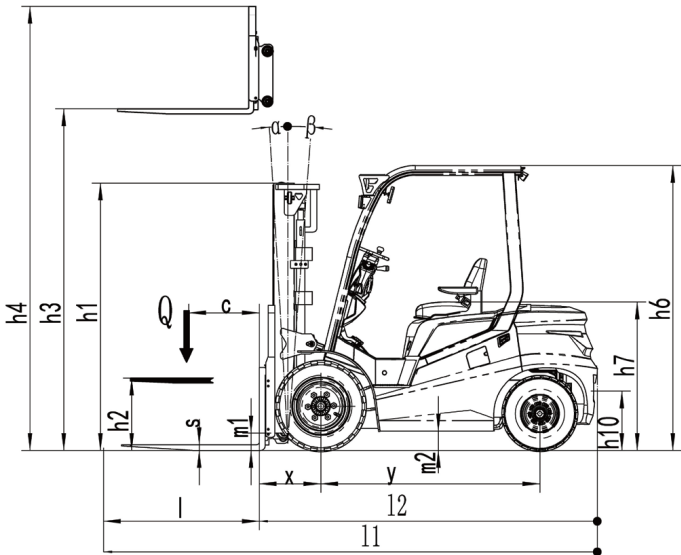
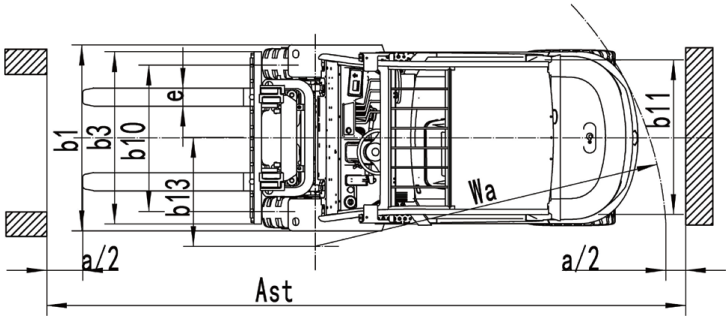
The steering axle, derived from internal combustion forklifts, is moulded in one piece, making it strong and durable.



The entire vehicle features a fully covered and waterproof (IPX4) design, offering safety and reliability even in harsh working environments.



Désignation	Lift height h3 (mm)	Free lift h2 (mm)	Closed mast height h1 (mm)	Extended mast heighth4 (mm)	Tilt forward / backward α / β (°)	Capacity table CDG 500(mm)		
						FE4P16G	FE4P18G	FE4P20G
Two-stage	2500	115	1747	3486	6/10	1600	1800	2000
	2700	115	1847	3686	6/10	1600	1800	2000
	3000	115	1997	3986	6/10	1600	1800	2000
	3300	115	2147	4286	6/10	1600	1800	2000
	3500	115	2247	4486	6/10	1600	1800	2000
	3700	115	2347	4686	6/10	1600	1800	2000
	4000	115	2547	4986	6/6	1500	1700	1900
	4300	115	2697	5286	6/6	1450	1600	1850
	4500	115	2797	5486	6/6	1400	1500	1700
	5000	115	3072	5986	6/6	1000	1100	1300
Duplex Large free lift	2500	796	1747	3486	6/10	1600	1800	2000
	2700	896	1847	3686	6/10	1600	1800	2000
	3000	1046	1997	3986	6/10	1600	1800	2000
	3300	1196	2147	4286	6/10	1600	1800	2000
	3500	1296	2247	4486	6/10	1600	1800	2000
	3700	1396	2347	4686	6/10	1600	1800	2000
	4000	1596	2547	4986	6/6	1500	1700	1900
Triplex Large free lift	4000	991	1942	4986	6/6	1500	1700	1900
	4350	1116	2067	5286	6/6	1450	1600	1850
	4500	1166	2117	5486	6/6	1400	1500	1700
	4800	1266	2217	5786	6/6	1300	1350	1500
	5000	1366	2317	5986	6/6	1000	1100	1300
	5500	1516	2467	6486	3/6	900	1000	1100
	6000	1716	2667	6986	3/6	800	800	900



Identification					
1.1	Manufacturer's type designation		FE4P16G	FE4P18G	FE4P20G
1.2	Drive: electric (battery or mains)		electric		
1.3	Type of operation		assise		
1.4	Load capacity / rated load	Q(kg)	1600	1800	2000
1.5	Load centre distance	c(mm)	500		
1.6	Load distance, centre of drive axle to fork	x(mm)	381		386
1.7	Wheelbase	y(mm)	1410		
Weight					
2.1	Service weight incl. battery	kg	2900	3050	3200
2.2	Axle loading, laden front/rear	kg	4040/460	4350/500	4590/610
2.3	Axle loading, unladen front/rear	kg	1280/1620	1390/1660	1450/1750
Wheels, chassis					
3.1	Type of tyres		PPS		
3.2	Tyres size, front		6,5-10-10PR		
3.3	Tyres size, rear		5-8-10PR		
3.4	Wheels, number front/rear (x=driven)		2x/2		
3.5	Track width, front	b10(mm)	970		
3.6	Track width, rear	b11(mm)	920		
Basic dimensions					
4.1	Mast/fork carriage tilt forward/backward	α/β (°)	6/10		
4.2	Lowered mast height	h1(mm)	1997		
4.3	Free lift	h2(mm)	115		120
4.4	Lift height	h3(mm)	3000		
4.5	Extended mast height	h4(mm)	3986		
4.6	Overhead load guard height	h6(mm)	2150		
4.7	Seat height / standing height	h7(mm)	1085		
4.8	Coupling height	h10(mm)	460		
4.9	Overall length	l1(mm)	3045		3230
4.10	Length to face of forks	l2(mm)	2125		2160
4.11	Overall width	b1(mm)	1135		
4.12	Fork dimensions	L/l/h(mm)	35/100/920		40/100/1070
4.13	Fork carriage width	b3(mm)	1040		
4.14	Ground clearance, laden, under mast	m1(mm)	112		
4.15	Ground clearance, centre of wheelbase	m2(mm)	100		
4.16	Aisle width for pallets 1000×1200 crossways	Ast(mm)	3541		3566
4.17	Aisle width for pallets 800×1200 lengthways	Ast(mm)	3741		3766
4.18	Turning radius	Wa(mm)	1960		1980
Performance data					
5.1	Travel speed, laden/unladen	km/h	14/15		
5.2	Lift speed, laden/unladen	m/s	0.32/0.42		
5.3	Lowering speed, laden/unladen	m/s	0.52/0.42		
5.5	Max. gradient performance, laden/unladen (S2 5 min)	%	15/20		
5.6	Service brake		Hydraulic		
Electric motor					
6.1	Drive motor rating (S2 60 min)	kW	11		
6.2	Lift motor rating (S3 15%)	kW	18		
6.3	Battery standard		Lithium		
6.4	Battery voltage / nominal capacity K5	V/Ah	76.8/125 (206/277 optionnal)		
6.5	Battery weight	kg	125/170/210		
6.6	Battery dimensions	mm	720/490/615		
Additional information					
7.1	Type of drive control		AC		
7.2	Operating pressure for attachments	Mpa	14,5		
7.3	Oil volume for attachments	l/min	30		
7.4	Sound level at driver's ear (EN 12053)	dB(A)	73		



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