



FE4P25/30/35GH-GB

4-WHEEL DUAL-MOTOR LITHIUM ELECTRIC FORKLIFT TRUCK



Ergonomic



Environmentally
friendly



Entretien
facile



Easy
maintenance



Capacity
2500-3500kg



High
performance



Best value for
money

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

FE4P25-30-35GH/GB - PRODUCT OVERVIEW

//G Series: The new generation of lithium-electric forklift trucks

The G Series lithium electric forklift trucks are the result of more than two decades of expertise in the field of electric forklift trucks.

This new range includes the GB and GH models, with rated load capacities ranging from 2.5 to 3.5 tonnes. This series redefines the new generation of electric forklift trucks, rivalling combustion-powered forklift trucks in terms of efficiency, power and reliability.

// Robust appearance

Based on the classic exterior design of the Q series lithium forklift trucks, it has an innovative, compact structure and an elegant, robust appearance.

// Powerful

Equipped with a powerful torque motor, its travel speed, lifting speed and crossing ability are comparable to those of internal combustion forklift trucks.

// Fast charging

The G Series forklift adopts an alternating current system while retaining the drive axle, steering axle, tyres and mast system of thermal forklifts. It can be used as an alternative to these forklifts, meeting the same requirements in terms of working conditions.

// Ergonomic workstation

Equipped with a high-visibility mast and a spacious driver's cab. The dashboard features on-demand speed mode changes and a simple, intuitive user interface. The driver's seat is equipped with a USB port.

// Practical and efficient

Several lithium battery capacities are available. An optional side-pull structure allows rapid replacement, ensuring trouble-free operation 24 hours a day. Equipped with asynchronous AC motors for driving and transport, maintenance-free and offering greater working efficiency.



FE4P25-30-35GH/GB - PRODUCT FEATURES



// Seat

OPS system as standard

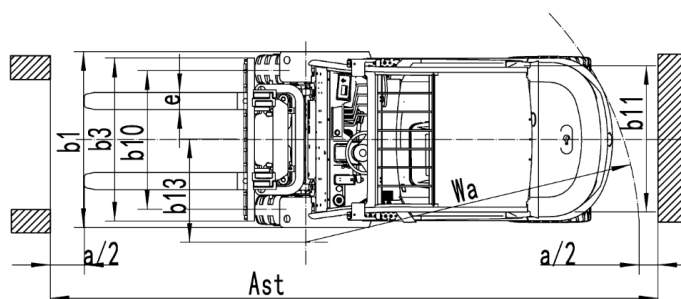
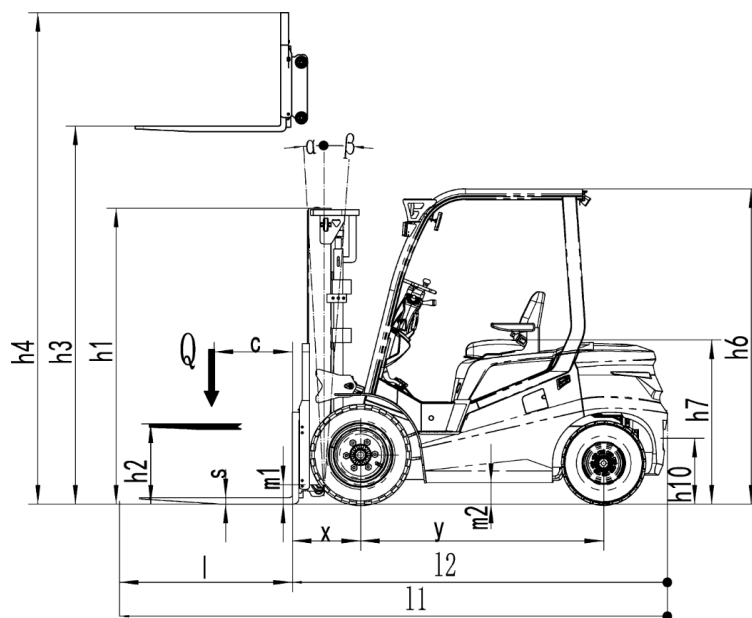


// LED lighting

Headlights, auxiliary lights, rear combination lights and hazard warning lights.



Désignation	Lift height h3 (mm)	Free lift h2 (mm)	Closed mast height h1 (mm)	Extended mast height h4 (mm)	Tilt forward / backward α / β (°)	Capacity table CDG 500(mm)
						FE4P25GB / FE4P25GH
Duplex	2000	130	1525	2974	6/10	2500
	2500	130	1865	3474	6/10	2500
	3000	130	2055	3974	6/10	2500
	3300	130	2205	4274	6/10	2500
	3500	130	2305	4474	6/10	2500
	3600	130	2355	4574	6/10	2500
	3700	130	2405	4674	6/10	2500
	4000	130	2605	4974	6/6	2450
	4300	130	2755	5274	6/6	2300
	4500	130	2855	5474	6/6	2100
	5000	130	3105	5974	6/6	1850
Duplex Large free lift	2000	631	1555	2968	6/10	2500
	2500	881	1805	3468	6/10	2500
	3000	1131	2055	3968	6/10	2500
	3300	1281	2205	4268	6/10	2500
	3500	1381	2305	4468	6/10	2500
	3600	1431	2355	4568	6/10	2500
	3700	1481	2405	4668	6/10	2500
	4000	1681	2605	4968	6/6	2400
Triplex Large free lift	4000	1056	1980	4976	6/6	2350
	4350	1181	2105	5326	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



Identification				
1.1	Manufacturer's type designation		FE4P25GB	FE4P25GH
1.2	Drive: electric (battery or mains)		electric	
1.3	Type of operation		sit	
1.4	Load capacity / rated load	Q(kg)	2500	
1.5	Load centre distance	c(mm)	500	
1.6	Load distance, centre of drive axle to fork	x(mm)	473	
1.7	Wheelbase	y(mm)	1630	
Weight				
2.1	Service weight incl. battery	kg	3800	
2.2	Axle loading, laden front/rear	kg	5660/640	
2.3	Axle loading, unladen front/rear	kg	1620/2180	
Wheels, chassis				
3.1	Type of tyres		PPS	
3.2	Tyres size, front		7-12-12PR	
3.3	Tyres size, rear		6-9-10PR	
3.4	Wheels, number front/rear (x=driven)		2x/2	
3.5	Track width, front	b10(mm)	973	
3.6	Track width, rear	b11(mm)	982	
Basic dimensions				
4.1	Mast/fork carriage tilt forward/backward	α/β (°)	6/10	
4.2	Lowered mast height	h1(mm)	2070	
4.3	Free lift	h2(mm)	135	
4.4	Lift height	h3(mm)	3000	
4.5	Extended mast height	h4(mm)	3974	
4.6	Overhead load guard height	h6(mm)	2200	
4.7	Seat height / standing height	h7(mm)	1130	
4.8	Coupling height	h10(mm)	470	
4.9	Overall length	l1(mm)	3590	
4.10	Length to face of forks	l2(mm)	2520	
4.11	Overall width	b1(mm)	1150	
4.12	Fork dimensions	L/l/h(mm)	40/122/1070	
4.13	Fork carriage width	b3(mm)	1040	
4.14	Ground clearance, laden, under mast	m1(mm)	135	
4.15	Ground clearance, centre of wheelbase	m2(mm)	150	
4.16	Aisle width for pallets 1000×1200 crossways	Ast(mm)	3903	
4.17	Aisle width for pallets 800×1200 lengthways	Ast(mm)	4103	
4.18	Turning radius	Wa(mm)	2330	
Performance data				
5.1	Travel speed, laden/unladen	km/h	14/15	18/19
5.2	Lift speed, laden/unladen	m/s	0.3/0.4	0.46/0.54
5.3	Lowering speed, laden/unladen	m/s	<0.6	
5.4	Max. gradient performance, laden/unladen (S2 5 min)	N	13000/14000	17000/18000
5.5	Service brake	%	15/15	20/28
5.6	Frein de service		Hydraulic	
Electric motor				
6.1	Drive motor rating (S2 60 min)	kW	16	
6.2	Lift motor rating (S3 15%)	kW	16	24
6.3	Battery standard		Lithium	
6.4	Battery voltage / nominal capacity K5	V/Ah	76.8/206 (277/412/554 optional)	76.8/277 (412/554 optional)
6.5	Battery weight	kg	200/240/300/360	240/300/360
6.6	Battery dimensions	mm	to lift : 770/600/605 - à pull : 1086/760/360	
Additional information				
7.1	Type of drive control		AC	
7.2	Operating pressure for attachments	Mpa	17.5	
7.3	Oil volume for attachments	l/min	36	
7.4	Sound level at driver's ear (EN 12053)	dB(A)	74	

Désignation	Lift height h3 (mm)	Free lift h2 (mm)	Closed mast height h1 (mm)	Extended mast height ^{h4} (mm)	Tilt forward / backward α / β (°)	Capacity table CDG 500(mm)
						FE4P30GB / FE4P30GH
Duplex	2000	140	1575	3079	6/10	3000
	2500	140	1825	3579	6/10	3000
	3000	140	2075	4079	6/10	3000
	3300	140	2075	4379	6/10	3000
	3500	140	2325	4579	6/10	3000
	3600	140	2375	4679	6/10	3000
	3700	140	2425	4779	6/10	3000
	4000	140	2625	5079	6/6	2950
	4300	140	2775	5379	6/6	2850
	4500	140	2875	5579	6/6	2600
	5000	140	3125	6079	6/6	2400
Duplex Large free lift	2000	496	1575	3079	6/10	3000
	2500	746	1825	3579	6/10	3000
	3000	996	2075	4079	6/10	3000
	3300	1146	2225	4379	6/10	3000
	3500	1246	2325	4579	6/10	3000
	3600	1296	2375	4679	6/10	3000
	3700	1346	2425	4779	6/10	3000
	4000	1546	2625	5079	6/6	2950
Triplex Large free lift	4000	921	2000	5079	6/6	2900
	4350	1046	2125	5429	6/6	2700
	4500	1096	2175	5579	6/6	2600
	4800	1196	2275	5879	6/6	2400
	5000	1339	2418	6079	6/6	2300
	5500	1573	2652	6579	3/6	1800
	6000	1806	2885	7079	3/6	1400
	6500	2039	3118	7579	3/6	800
	7000	2205	3284	8079	3/6	600
Désignation	Lift height h3 (mm)	Free lift h2 (mm)	Closed mast height h1 (mm)	Extended mast height ^{h4} (mm)	Tilt forward / backward α / β (°)	Capacity table CDG 500(mm)
						FE4P35GB / FE4P35GH
Duplex	2000	145	1685	3079	6/10	3500
	2500	145	1935	3579	6/10	3500
	3000	145	2185	4079	6/10	3500
	3300	145	2335	4379	6/10	3500
	3500	145	2435	4579	6/10	3500
	3600	145	2485	4679	6/10	3500
	3700	145	2535	4779	6/10	3500
	4000	145	2735	5079	6/6	3300
	4300	145	2885	5379	6/6	3250
	4500	145	2985	5579	6/6	3100
	5000	145	3235	6079	6/6	2650
Duplex Large free lift	2000	496	1575	3079	6/10	3500
	2500	746	1825	3579	6/10	3500
	3000	996	2075	4079	6/10	3500
	3300	1146	2225	4379	6/10	3500
	3500	1246	2325	4579	6/10	3500
	3600	1296	2375	4679	6/10	3500
	3700	1346	2425	4779	6/10	3450
	4000	1546	2625	5079	6/10	3300
Triplex Large free lift	4000	921	2000	5079	6/6	3250
	4350	1046	2125	5429	6/6	3150
	4500	1096	2175	5579	6/6	3000
	4800	1196	2275	5879	6/6	2800
	5000	1339	2418	6079	6/6	2650
	5500	1573	2652	6579	3/6	2200
	6000	1806	2885	7079	3/6	1500
	6500	2039	3118	7579	3/6	900
	7000	2205	3284	8079	3/6	700

Identification						
1.1	Manufacturer's type designation		FE4P30GB	FE4P30GH	FE4P35GB	FE4P35GH
1.2	Drive: electric (battery or mains)		electric			
1.3	Type of operation		sit			
1.4	Load capacity / rated load	Q(kg)	3000		3500	
1.5	Load centre distance	c(mm)	500			
1.6	Load distance, centre of drive axle to fork	x(mm)	478		483	
1.7	Wheelbase	y(mm)	1700		1760	
Weight						
2.1	Service weight incl. battery	kg	4280		4660	
2.2	Axle loading, laden front/rear	kg	6530/750		7240/920	
2.3	Axle loading, unladen front/rear	kg	2060/2220		2040/2620	
Wheels, chassis						
3.1	Type of tyres		PPS			
3.2	Tyres size, front		28x9-15-14PR			
3.3	Tyres size, rear		6.50-10-10PR			
3.4	Wheels, number front/rear (x=driven)		2x/2			
3.5	Track width, front	b10(mm)	1004			
3.6	Track width, rear	b11(mm)	982			
Basic dimensions						
4.1	Mast/fork carriage tilt forward/backward	α/β (°)	6/10			
4.2	Lowered mast height	h1(mm)	2070		2185	
4.3	Free lift	h2(mm)	140		145	
4.4	Lift height	h3(mm)	3000			
4.5	Extended mast height	h4(mm)	4079			
4.6	Overhead load guard height	h6(mm)	2200			
4.7	Seat height / standing height	h7(mm)	1130			
4.8	Coupling height	h10(mm)	580			
4.9	Overall length	l1(mm)	3688		3818	
4.10	Length to face of forks	l2(mm)	2618		2748	
4.11	Overall width	b1(mm)	1230			
4.12	Fork dimensions	L/l/h(mm)	45/125/1070		50/125/1070	
4.13	Fork carriage width	b3(mm)	1100			
4.14	Ground clearance, laden, under mast	m1(mm)	140		145	
4.15	Ground clearance, centre of wheelbase	m2(mm)	150			
4.16	Aisle width for pallets 1000×1200 crossways	Ast(mm)	4039		4153	
4.17	Aisle width for pallets 800×1200 lengthways	Ast(mm)	4238		4353	
4.18	Turning radius	Wa(mm)	2360		2470	
Performance data						
5.1	Travel speed, laden/unladen	km/h	14/15	18/19	14/15	17/19
5.2	Lift speed, laden/unladen	m/s	0.3/0.4	0.44/0.54	0.3/0.4	0.42/0.54
5.3	Lowering speed, laden/unladen	m/s	<0.6			
5.4	Max. gradient performance, laden/unladen (S2 5 min)	N	14000/15000	20000/21000	14000/15000	20000/21000
5.5	Service brake	%	15/15	20/28	15/15	20/28
5.6	Frein de service		Hydraulic			
Electric motor						
6.1	Drive motor rating (S2 60 min)	kW	16			
6.2	Lift motor rating (S3 15%)	kW	16	26	16	26
6.3	Battery standard		Lithium			
6.4	Battery voltage / nominal capacity K5	V/Ah	76.8/206 (277/412/460/554 optional)		76.8/206 (277/412/460/554 optional)	
6.5	Battery weight	kg	695	760	947	947
6.6	Battery dimensions	mm	to lift : 770/600/605 - to pull : 1086/760/360			
Additional information						
7.1	Type of drive control		AC			
7.2	Operating pressure for attachments	Mpa	18.5			
7.3	Oil volume for attachments	l/min	36			
7.4	Sound level at driver's ear (EN 12053)	dB(A)	74			



NOBLELIFT

FRANCE

HEAD OFFICE

562 rue Sud Landes
Zone d'activités Sud Landes
40300 HASTINGUES

Phone: 05 40 07 89 71

Mail : contact@noblelift.fr

www.noblelift.fr



NOBLELIFT FRANCE