

Electric Forklift Truck



CE Conforms to EN ISO3691-1
EN1175-1
EN16307-1
Based on Directive 2006/42/EC
2006/95/EC

Model:
FB15
FB30
FB35



Advantages:

High stability and safety

- Cab design by SIP point, conforms to EN-ISO 5353, ensures compartment with great comfort and fatigue-free operating.
- Multifunction LCD digital display with digital service hour metre, battery discharge indicator, travel records, error code and warning displays. Provide fast and accurate monitoring truck status.
- Mast cylinder lowering with buffering system: shock absorber steering axle with low noise. All of seal kits imported from Japan (NOK), transmission and working system have low noise.
- With regenerative brake in reversing mode and regular brake pedal use, truck can be braked after foot leaving the pedal. reduce operator efforts and improve the brake life.
- The optional of third safety pedal to reduce the driving speed while stacking and steering application.

Ergonomics

- Wide view mast, clear visibility.
- Low height access step with wide steel non slip plate for easy entry and exit.
- Cowl-mounted hydraulic levers design offers big operation space.
- Adjustable tilt steering column offers the most comfortable operator position.
- Seat with safety belt and arm rest (The optional of Grammar or suspension type).
- High-friction brake shoes are free of asbestos.
- With reverse mirror, front work light and back work light group.

Easy maintenance

- Floor board are easily removed for quick service assess.
- Insulated battery cover gas-filled cylinders and easy to maintain.
- The lifting motor under the floorboard for easy maintenance.

Model		FB15	FB30	FB35
Power		electric	electric	electric
Operation type		seated	seated	seated
Capacity/rated load	Q(kg)	1500	3000	3500
Load centre distance	c(mm)	500	500	500
Lift height	h₂(mm)	3000-6000	3000-7000	3000-7000
Load distance, centre of drive axle to fork	x(mm)	395	493	498
Wheelbase	Y(mm)	1300	1700	1700
Service weight (with battery)	kg	3080	4750	5050
Axle loading, laden front/rear	kg	4030/550	7000/750	7750/800
Axle loading, unladen front/rear	kg	1232/1848	2250/2500	2250/2800
Tyres type		pneumatic/solid	pneumatic/solid	Pneumatic/solid
Tyre size, front	mm	Φ 590x179/Φ 577x162	Φ 710x220/Φ 695x218	Φ 710X220/Φ 695X218
Tyre size, rear	mm	Φ 470x137/Φ 461x127	Φ 590x175/Φ 577x162	Φ 590X175/Φ 577X162
Wheels, number front rear(x=driven wheels)		2x2	2x2	2x2 / 4X2
Tread, front	b ₁₀ (mm)	890	1000	1000
Tread, rear	b ₁₁ (mm)	920	970	970
Tilt of mast/fork carriage forward/backward	Grad	6° ~12°	6° ~12°	6° ~12°
Height, mast lowered	h ₁ (mm)	2015-2610	2060-3670	2060-3670
Free lift	h ₂ (mm)	0-180	0	0
Height, mast extended	h ₃ (mm)	4067-7067	4250-8250	4280-8250
Height of overhead guard(cabin)	h ₄ (mm)	2105	2135	2135
Seat height/stand height	h ₅ (mm)	1043	1050	1050
Overall length	l ₁ (mm)	3025	3690	3690
Length to face of forks	l ₂ (mm)	2085	2650	2650
Overall width	b ₁ (mm)	1100	1220	1220
Fork dimensions	s/e/l(mm)	35/100/1070	45/125/1070	50/125/1070
Fork carriage DIN 15173,class/type A,B		2A	3A	3A
Fork-carriage width	b ₂ (mm)	1088	1100	1100
Ground clearance,laden,below mast	m ₁ (mm)	105	135	135
Ground clearance,centre of wheelbase	m ₂ (mm)	115	150	150
Aisle width for pallets 1000x1200 crossways	A ₁ (mm)	3305	4090	4090
Aisle width for pallets 800x1200 lengthways	A ₂ (mm)	3125	4290	4290
Turning radius	W ₁ (mm)	1760	2400	2400
Internal turning radius	b ₁₀ (mm)	425	200	200
Travel speed, laden/unladen	Km/h	0-10	12/13	12/13
Lift speed, laden/unladen	mm/s	205	220/300	200/300
Lowering speed, laden/unladen	mm/s	<600	<600	<600
Max. drawbar pull, laden/unladen	N	8990	15650	15650
Max.gradeability, laden/unladen	%	12/15	13/15	13/15
Acceleration time, laden/unladen	s	0-3	5-6	5-6
Battery voltage,nominal capacity K5	V/Ah	48/400	80/450	80/450
Battery weight	Kg	650-820	1250	1250
Battery dimensions l/w/h	mm	980x532x456	970x673x708	970x673x708
Type of drive control		DC/AC	DC/AC	DC/AC
Operating pressure for attachments	Mpa	15	17.5	17.5
Sound level at the driver's ear acc.to DIN 12053	dB(A)	<60	<75	<75

Remark: The data is based on the lifting height 3000mm; Lifting height from 3000mm to 6000mm are available; Electric controller selection (1)standard: Enpower (2)Option: Curtis, Inmotion, ZAPI.

* **Option:** Lithium battery 300AH (Charger 48V/100A) / 350AH (Charger 48V/100A) 400AH (Charger 48V/150A) / 500AH (Charger 48V/200A)

