



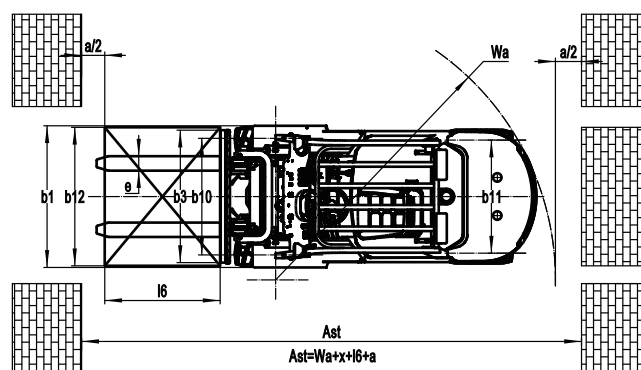
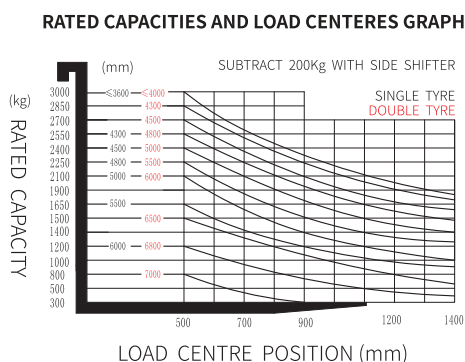
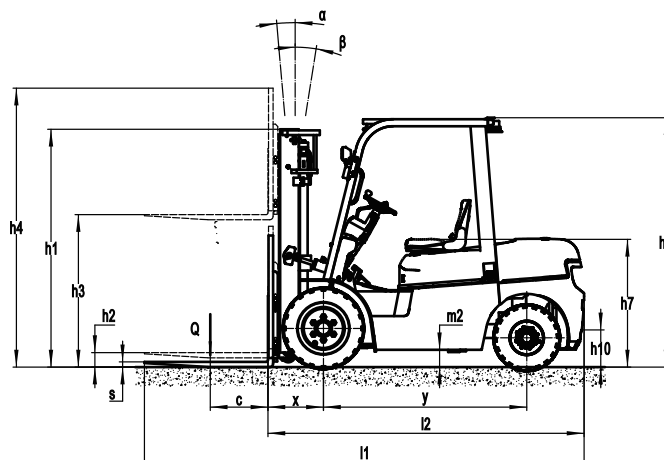
MAKE EVERYTHING EASIER





Li-Ion Counterbalance Forklift Truck 3.0 **FBL30**

- IC forklift design with li-Ion technology
- Big tyres & high ground clearance
- Simple components for easy service & maintenance
- Li-Ion battery for opportunity charging & flexibility
- Outdoor & indoor: the most flexible forklift in the industry



Model		FBL30
Drive		Electric
Operator type		Seated
Load capacity	Q (kg)	2500
Load center distance	c (mm)	500
Load distance,centre of drive axle to fork	x (mm)	481
Wheelbase	y (mm)	1750
Service weight	kg	4080
Axle loading, laden front/rear	kg	6420/660
Axle loading, unladen front/rear	kg	1740/2340
Tyre type		Solid rubber
Tyre size, front		28X9-15
Tyre size, rear		6.50-10
Wheels, number front/rear (x=drive wheels)	mm	2x/ 2
Tread width, front	b ₁₀ (mm)	1010
Tread width, rear	b ₁₁ (mm)	980
Tilt of mast/fork camiage forward/backward	α/β (°)	6/10
Retracted mast height	h ₁ (mm)	2070
Free lift	h ₂ (mm)	120
Lift height	h ₃ (mm)	3000
Height, mast extended	h ₄ (mm)	4110
Height of overhead guard (cabin)	h ₆ (mm)	2160
Seat height/standing height	h ₇ (mm)	1130
Tow coupling height	h ₁₀ (mm)	320
Overall length	l ₁ (mm)	3780
Length to face of forks	l ₂ (mm)	2710
Overall width	b ₁ /b ₂ (mm)	1230
Fork dimensions	s/e/l (mm)	45×122×1070
A, B Fork carriage class/type A, B		3A
Fork carriage width	b ₃ (mm)	1150
Ground clearance, laden, below mast	m ₁ (mm)	120
Ground clearance, center of wheelbase	m ₂ (mm)	150
Aisle width for pallets 1000×1200 crossways	Ast (mm)	4181
Aisle width for pallets 800×1200 crossways	Ast (mm)	4381
Turning radius	Wa (mm)	2500
Travel speed, laden/unladen	km/h	11/12
Lifting speed, laden/unladen	m/s	0.29/0.36
Lowering speed, laden/unladen	m/s	0.4/0.43
Drawbar pull, laden/unladen	N	
Max. drawbar pull, laden/unladen	N	
Max. gradeability, laden/unladen	%	15/15
Service brake		Hydraulic
Parking brake		Mechanical
Drive motor rating S2 60 min	kW	10
Lift motor rating at S3 15%	kW	16
Battery voltage/nominal capacity	(V)/(Ah) or kWh	80V205AH
Battery weight	kg	
Type of drive control		AC
Steering design		Hydraulic
Sound pressure level at the driver's ear		<74

Remark: If there are improvements of technical parameters or configurations, no further notice will be given.

The diagram shown may contain non-standard configurations.

Option

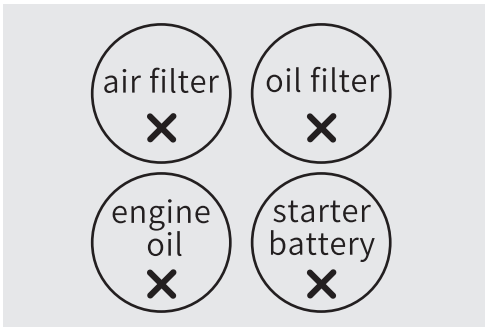
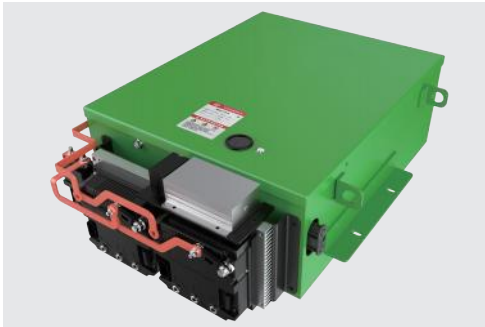
No.	Optional items	EFL25
1.1	Fork dimension	○122*45*1070○122*45*1150○122*45*1220○122*45*1370○122*45*1520○122*45*1600 ○122*45*1700○122*45*1820○122*45*2000○122*45*2200○122*45*2400
1.4	Fork carriage width	●1100mm○Yes and not customized
1.5	Fork carriage height	●1095mm○Yes and not customized
2.5	Front wheel material	●Pneumatic○Solid○Non-marking
2.6	Rear wheel material	●Pneumatic○Solid○Non-marking
2.7	Battery capacity	○80V205AH○80V280AH○80V410AH
2.8	Charger	○80V65A○80V35A○80V130A○80V200A○80V35A internal○80V60A internal
2.9	Battery indicator	●With time
2.10	Seat type	○Regular○Premium○Suspension○Suspension + seatbelt logic switch
2.11	Attachments	●No○Built-in sideshifter○External shifter○Fork positioner
2.13	Traction pin	●Yes
3.5	Front lamp	●LED
3.6	Rear lamp	●No○LED
3.7	Warning lamp	●Yes
3.8	Steering lamp	●Yes
3.9	Blue lamp	●No○2 front○1 rear○2 front + 1 rear
3.10	Area warning lamp	●No○1 left + 1 right (red)
3.11	Rearview mirror	●1 in the middle○Add rearview mirror on both sides
3.12	Buzzer	●Yes
3.17	OPS system	●No○Yes and not customized
3.23	Telematics	●No○Yes and not customized
4.3	Cabin	●No○Basic semi-enclosed cabin○Upgrade semi-enclosed cabin○Full cabin
4.9	Heater	●No○Yes and not customized

Note: ● standard ○ option — NA

Mast Option

Masttypes	Lift height(h3)	Height, Mast			Height, Freelif(h2)	
		Height, mast lowered(h1)	Height, mastextended(h4)		Noshelving	Withshelving
			No shelving	With shelving		
	mm	mm	mm	mm	mm	mm
2-StandardMast	2700	1910	3330	3795	120	120
	3000	2060	3630	4095	120	120
	3300	2210	3930	4395	120	120
	3500	2310	4130	4595	120	120
	3600	2360	4230	4695	120	120
	4000	2610	4630	5095	120	120
	4300	2760	4930	5395	120	120
	4500	2860	5130	5595	120	120
2-FreeMast	3000	2040	3630	4095	1410	945
	3300	2190	3930	4395	1560	1095
	3600	2340	4230	4695	1710	1245
3-FreeMast	4300	2040	4930	5395	1410	945
	4500	2120	5130	5595	1490	1025
	4800	2225	5430	5895	1595	1130
	5000	2310	5630	6095	1680	1215
	5500	2560	6130	6595	1930	1465
	6000	2810	6630	7095	2180	1715

FEATURE



LITHIUM-ION TECHNOLOGY

FBL30 adapts LFP Li-ion battery that prevents the battery from self-ignition and ensures safety operation. It supports opportunity charging so it can be charged at preferable time during the day without disrupting working schedules.

LOW TCO

Comparing to a diesel forklift truck, FBL30 saves 30%-50% of energy cost with li-ion technology. And there is no maintenance fee with no air filter, oil filter, engine oil or starter battery installed on the truck.

EASY DRIVING

The truck is equipped with mechanical braking system. The system shortens the braking distance to ensure safety while reducing the driving fatigue in the meantime.

IPX4 RATED WATER-PROTECTED DESIGN

The FBL30 is IPX4 rated and that protects the trucks from splash of water from different angles. The waterproofed design allows the trucks to be operated outdoors, even in the rain.

TELEMATICS

FBL25 offers EP 's latest Telematics. It provides the following features to facilitate your fleet management:

- Truck location in real-time
- Reports of truck usages and diagnosis
- Li-ion battery condition analytics
- Updates on card access registration



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