



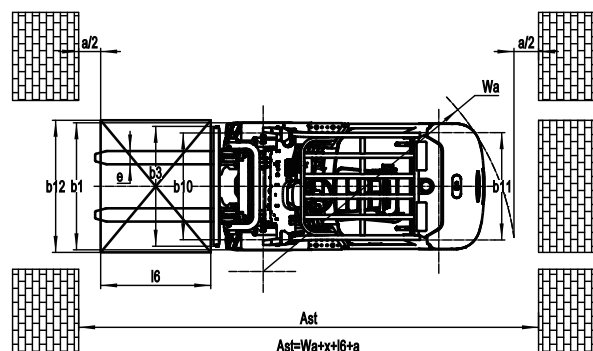
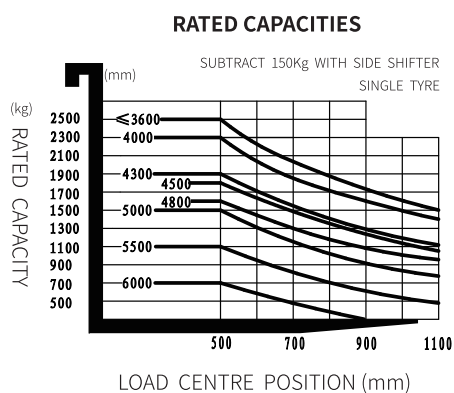
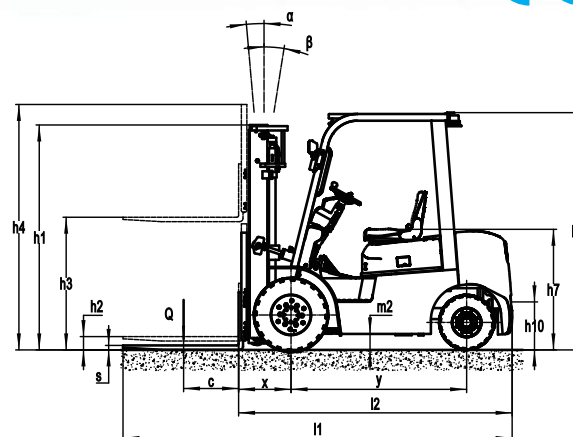
MAKE EVERYTHING EASIER





Electric Counterbalance Forklift Truck 2.5T **FBL25**

- Compact size
- High strength components
- Lithium-ion technology
- Telematics
- Low TCO



Model		FBL25
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)	495
Wheelbase	y (mm)	1595
Service weight	kg	3830
Axle loading, laden front/rear	kg	5530/800
Axle loading, unladen front/rear	kg	1480/2350
Tyre type		Solid rubber
Tyre size, front		7.00-12
Tyre size, rear		6.00-9
Wheels, number front/rear (x=drive wheels)	mm	2x/ 2
Tread width, front	b ₁₀ (mm)	970
Tread width, rear	b ₁₁ (mm)	975
Tilt of mast/fork camiage forward/backward	α/β (°)	6/10
Retracted mast height	h ₁ (mm)	2060
Free lift	h ₂ (mm)	140
Lift height	h ₃ (mm)	3000
Height, mast extended	h ₄ (mm)	4050
Height of overhead guard (cabin)	h ₆ (mm)	2160
Seat height/standing height	h ₇ (mm)	1095
Tow coupling height	h ₁₀ (mm)	435
Overall length	l ₁ (mm)	3573
Length to face of forks	l ₂ (mm)	2503
Overall width	b ₁ /b ₂ (mm)	1154
Fork dimensions	s/e/l (mm)	40×122×1070
A, B Fork carriage class/type A, B		2A
Fork carriage width	b ₃ (mm)	1090
Ground clearance, laden, below mast	m ₁ (mm)	100
Ground clearance, center of wheelbase	m ₂ (mm)	150
Aisle width for pallets 1000×1200 crossways	Ast (mm)	3985
Aisle width for pallets 800×1200 crossways	Ast (mm)	4195
Turning radius	Wa (mm)	2290
Travel speed, laden/unladen	km/h	11/12
Lifting speed, laden/unladen	m/s	0.28/0.37
Lowering speed, laden/unladen	m/s	0.45/0.5
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

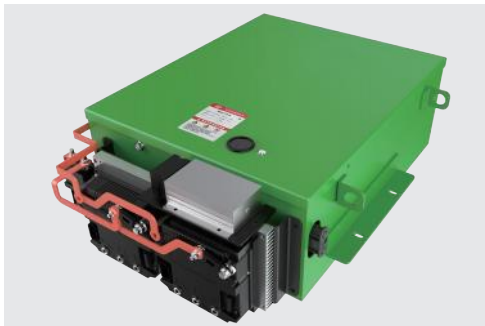
No.	Optional items	EFL25
1.1	Fork dimension	◦122*40*920●122*40*1070◦122*40*1150◦122*40*1220◦122*40*1370◦122*40*1500 ◦122*40*1600◦122*40*1700◦122*40*1820◦122*40*1900◦122*40*2000◦122*40*2200
1.4	Fork carriage width	●1040mm◦Yes and not customized
1.5	Fork carriage height	●1025mm◦Yes and not customized
2.5	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	●80V35A◦80V65A◦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	●Yes
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

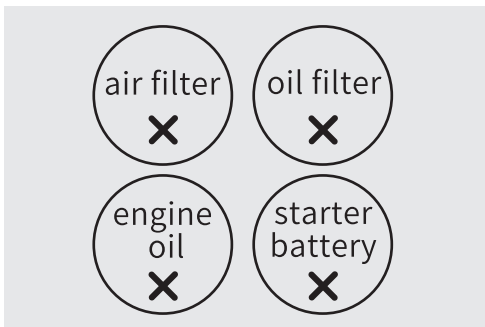
Masttypes	Lift height(h3)	Height,Mast			Height,Freelift(h2)	
		Height, mast lowered(h1)	Height,mastextended(h4)		Noshelving	Withshelving
			No shelving	With shelving		
	mm	mm	mm	mm	mm	mm
2-StandardMast	3000	2075	3565	4025	140	140
	3300	2225	3865	4325	140	140
	3600	2375	4165	4625	140	140
	4000	2625	4565	5025	140	140
2-FreeMast	3000	2035	3565	4025	1470	1000
	3300	2185	3865	4325	1620	1150
3-FreeMast	4300	2035	4865	5325	1470	1000
	4500	2115	5065	5525	1550	1080
	4800	2220	5365	5825	1655	1185
	5000	2305	5565	6025	1740	1270
	5500	2555	6065	6525	1990	1520
	6000	2805	6565	7025	2240	1770

FEATURE



LITHIUM-ION TECHNOLOGY

FBL25 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, FBL25 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.



COMPACT SIZE

The overall length of FBL25 is 3573 mm that is 5% more compacted in size than a regular IC forklift to be used in narrow aisle.



IPX4 RATED WATER-PROTECTED DESIGN

The FBL25 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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