

EFL2503-HV

High Capacity Electric Counterbalanced Forklift 25T



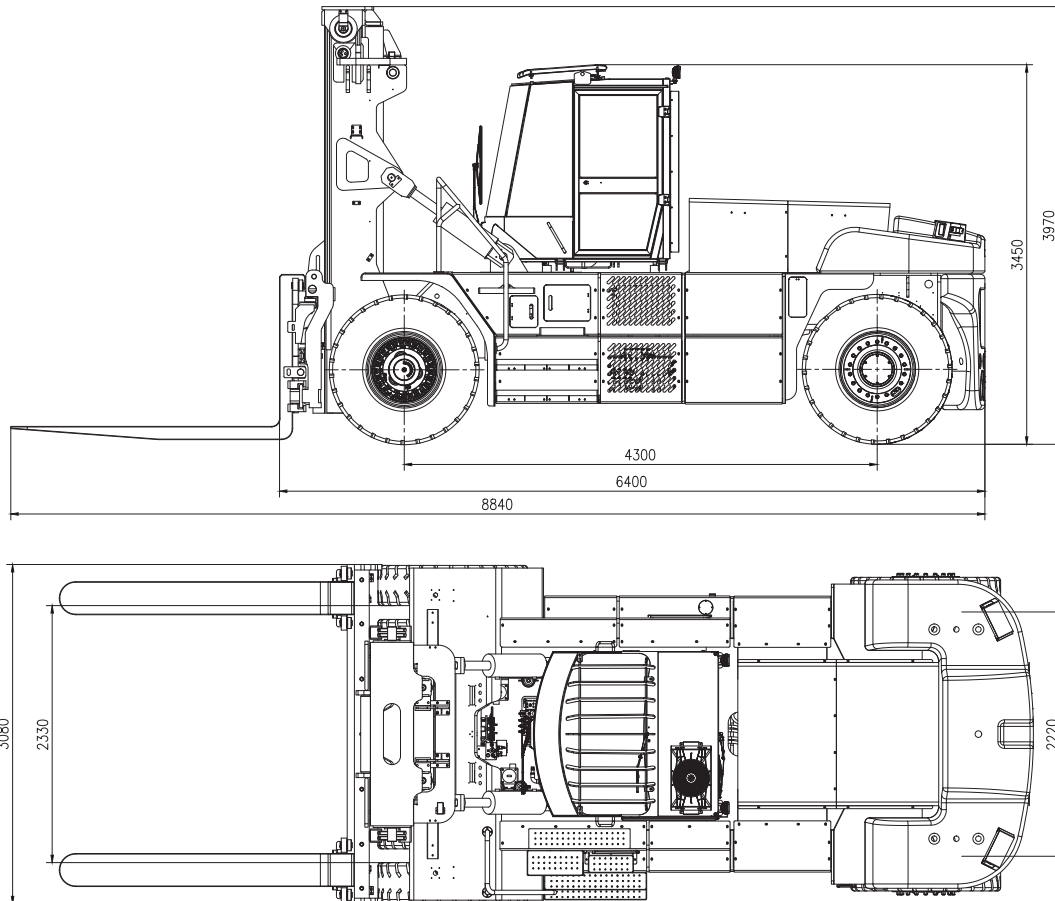
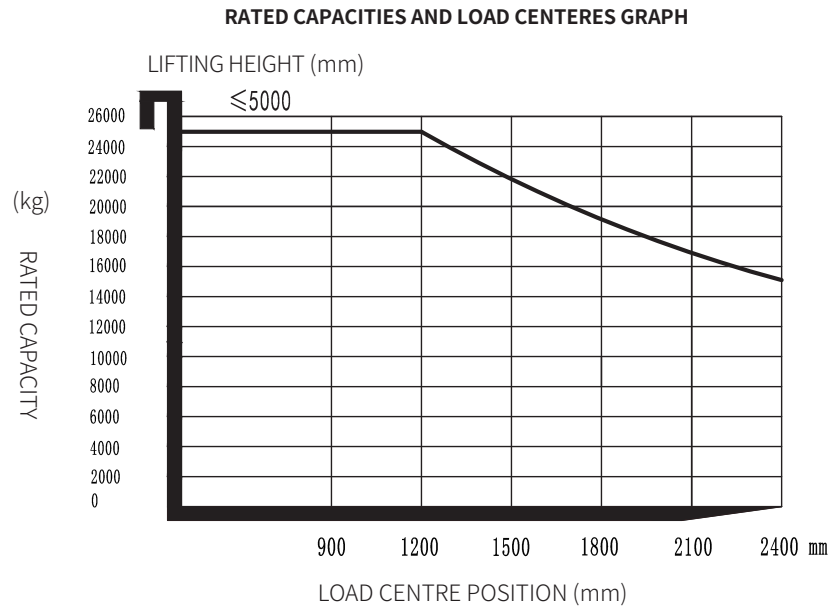
Manufacturer			EP
Model designation			EFL2503-HV-12
Drive			Electric
Load capacity	Q	kg	25000
Load center distance	c	mm	1200
Service weight		kg	38700
Height, mast extended	h1	mm	5890
Length to face of forks	h3	mm	6420
Overall width	h4	mm	3080
Fork dimensions	l2	mm	110/250/2400
Turning radius	b1/b2	mm	6350
Travel speed, laden/unladen	s/e/l	km/ h	22/22
Lifting speed, laden/unladen	Wa	m/s	0.3/0.35
Lowering speed, laden/unladen		m/s	0.48/0.4
Max. gradeability, laden/unladen		%	20/30
Drive motor rating S2 60 min		kW	135
Battery voltage/nominal capacity		V/Ah	618.24/456

Li-ion High Capacity Truck 25T

EFL2503-HV

Distinguishing mark	1.1	Manufacturer			EP
	1.2	Model designation			EFL2503-HV-12
	1.3	Drive			Electric
	1.4	Operator type			Seated
	1.5	Load capacity	Q	kg	25000
	1.6	Load center distance	c	mm	1200
	1.8	Load distance, centre of drive axle to fork	x	mm	1130
	1.9	Wheelbase	y	mm	4300
Service weight	2.1	Service weight		kg	38700
	2.2	Axle loading, laden front/rear		kg	57800/5900
	2.3	Axle loading, unladen front/rear		kg	18900/19800
Tyres/chassis	3.1	Tyre type			Pneumatic
	3.2	Tyre size, front			14.00-24-28PR
	3.3	Tyre size, rear			14.00-24-28PR
	3.5	Wheels, number front/rear (x=drive wheels)		mm	4×/2
	3.6	Tread width, front	b ₁₀	mm	2200
	3.7	Tread width, rear	b ₁₁	mm	2460
Dimensions	4.1	Tilt of mast/fork carriage forward/backward	α/β	°	6/10
	4.2	Retracted mast height	h ₁	mm	3950
	4.3	Free lift	h ₂	mm	125
	4.4	Lift height	h ₃	mm	4000
	4.5	Height, mast extended	h ₄	mm	5890
	4.7	Height of overhead guard (cabin)	h ₆	mm	3380
	4.8	Seat height/standing height	h ₇	mm	2465
	4.12	Tow coupling height	h ₁₀	mm	390
	4.19	Overall length	l ₁	mm	8860
	4.20	Length to face of forks	l ₂	mm	6420
	4.21	Overall width	b ₁ /b ₂	mm	3080
	4.22	Fork dimensions	s×e×l	mm	110/250/2400
	4.23	A,B Fork carriage class/type A, B			/
	4.24	Fork carriage width	b ₃	mm	3080
	4.31	Ground clearance, laden, below mast	m ₁	mm	220
	4.32	Ground clearance, center of wheelbase	m ₂	mm	370
	4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	10120
	4.34.2	Aisle width for pallets 800×1200 lengthways	Ast	mm	10120
	4.35	Turning radius	Wa	mm	6350
Performance data	5.1	Travel speed, laden/unladen		km/h	22/22
	5.2	Lifting speed, laden/unladen		m/s	0.3/0.35
	5.3	Lowering speed, laden/unladen		m/s	0.48/0.4
	5.5	Drawbar pull, laden/unladen		N	140000/140000
	5.6	Max. drawbar pull, laden/unladen		N	160000/160000
	5.8	Max. gradeability, laden/unladen		%	20/30
	5.10	Service brake			Hydraulic
	5.11	Parking brake			Hydraulic
Electric-engine	6.1	Drive motor rating S2 60 min		kW	135
	6.2	Lift motor rating at S3 15%		kW	90
	6.4	Battery voltage/nominal capacity		V/Ah	618.24/456
	6.5	Battery weight		kg	1864
	6.6	Energy consumption according to DIN EN 16796		kWh/h	26
Addition data	8.1	Type of drive control			PMSM
	10.1	Operating pressure for attachments		bar	180
	10.2	Oil volume for attachments		ℓ/min	80
	10.5	Steering design			Hydraulic
	10.7	Sound pressure level at the driver's ear		dB(A)	<75
	15.1	Charger output current		A	115

If there are improvements of technical parameters or configurations, no further notice will be given.
The diagram shown may contain non-standard configurations.



Mast Option

Mast types	Lift height (h3)	Height, Mast			Height, Free lift(h2)	
		Height, mast lowered(h1)	Height, mast extended(h4)		No backrest	With backrest
	mm		No backrest	With backrest		
2-Standard Mast	4000	3950	5890	5890	125	125

Option

No.	Optional items	EFL2503-HV
1.1	Fork dimension	●12500*1200、5A、250*110*2440○12500*1200、5A、300*120*2440
1.3	Fork lowered height	●125
1.4	Fork carriage width	●3080
2.1	Load wheel type	●Double
2.2	Load wheel material	●Rubber
2.3	Drive wheel material	●Rubber
2.4	Front wheel type	●Double
2.5	Front wheel material	●Pneumatic○solid
2.6	Rear wheel material	●Pneumatic○solid
2.7	Battery capacity	●614.4V/460Ah
2.8	Charger	○200V-750V/60KW External (national standard) ○300V-1000V/80KW External (national standard) ○200V-750V/20KW External (European standard)
2.9	Battery indicator	●With time
2.10	Seat type	●Suspension + safety belt logic switch
2.11	Attachments	●Adjustable fork
2.12	Safe hook	●No
2.13	Traction pin	●Yes and not customized
2.14	Electrostatic chain	●No
2.16	handle head type	●One-handed big handle head
3.1	Foldable fork	●No
3.3	Castor wheels	●No
3.4	Water auto-filling system	●No
3.5	Front lamp	●LED
3.6	Rear lamp	●LED
3.7	Warning lamp	●Yes and not customized
3.8	Steering lamp	●LED
3.9	Blue lamp	●Yes and not customized
3.10	Area warning lamp	●Yes and not customized
3.11	Rearview mirror	●Yes and not customized
3.12	Hummer	●Yes and not customized
3.13	Height display	●No
3.14	Camera	●Yes and not customized
3.15	Fire extinguisher	●Yes and not customized
3.16	Vertical handler working	●No
3.17	OPS system	●Yes and not customized
3.18	Guide wheel	●No
3.19	USB interface	●Yes and not customized
3.20	Step on the safety switch with both feet	●Yes and not customized
3.21	Electronic sale	●No
3.22	Electronic sale with print	●No
3.23	Remote monitoring	●No○Yes and not customized
3.24	Side supports	●No
3.25	Fan heater	●No
3.26	The British standard cannot walk when charged	●Yes and not customized
4.1	Battery side pull function	●No
4.2	Cold storage	●No
4.3	Cabin	Fully enclosed cabin;front, rear and top wipers; With electric fan;Heating and cooling air conditioning system;
4.4	Weighting system with fork	●No○Yes and not customized
4.5	Proportional lift system	●Yes and not customized
4.6	Forks tilt forward and backward	●Yes and not customized
4.7	Overhead guard	●Yes and not customized
4.8	Drive assembly	●Yes and not customized
5.1	Battery side pull attachment	●No

Note: ●Standard ○Optional - Inconformity