

EFX2-251

Li-ion Counterbalance Forklift Truck

2500kg

EP
Let's grow together



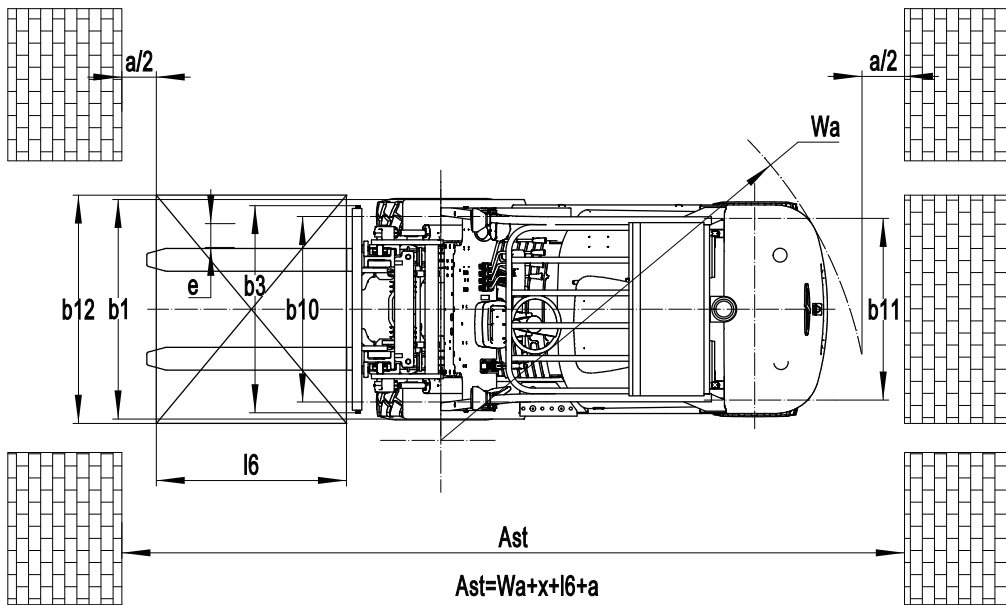
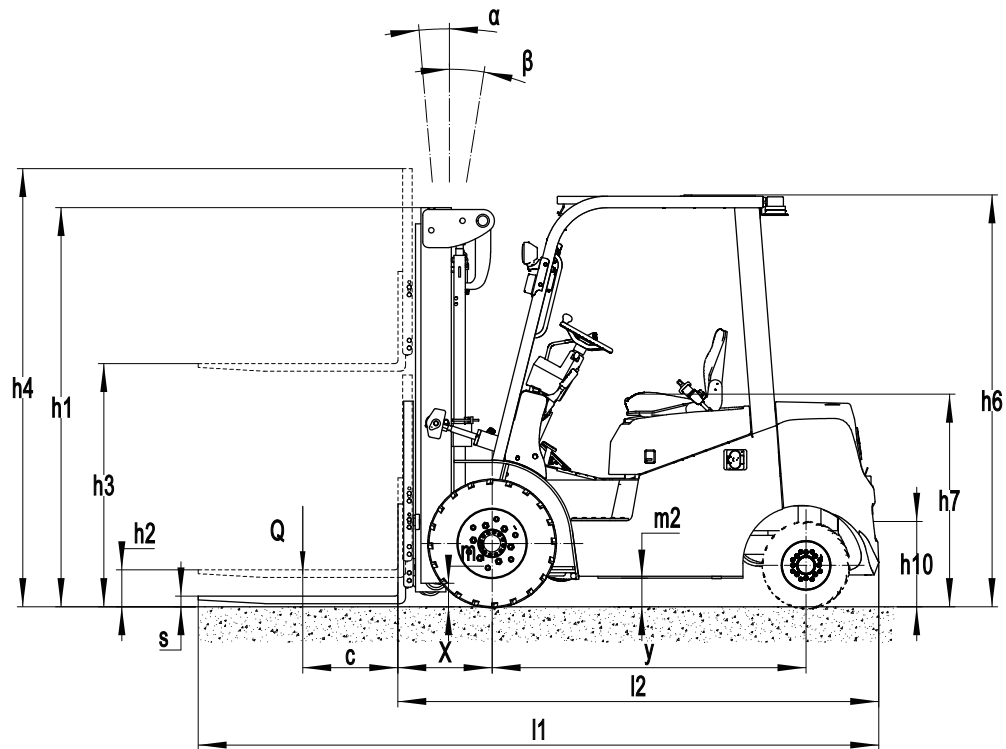
Manufacturer			EP
Model designation			EFX2-251
Drive			Electric
Load capacity	Q	kg	2500
Load center distance	c	mm	500
Service weight		kg	4116
Retracted mast height	h1	mm	2090
Lift height	h3	mm	3000
Height, mast extended	h4	mm	4025
Length to face of forks	l2	mm	2528
Overall width	b1/b2	mm	1154
Fork dimensions	s/e/l	mm	40×122×1070
Turning radius	Wa	mm	2258
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
Max. gradeability, laden/unladen		%	15/15
Drive motor rating S2 60 min		kW	8
Battery voltage/nominal capacity		V/Ah	80V/100AH

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Distinguishing mark	1.1	Manufacturer			EP
	1.2	Model designation			EFX2-251
	1.3	Drive			Electric
	1.4	Operator type			Seated
	1.5	Load capacity	Q	kg	2500
	1.6	Load center distance	c	mm	500
	1.8	Load distance, centre of drive axle to fork	x	mm	495
	1.9	Wheelbase	y	mm	1650
	Service weight	2.1	Service weight		kg
2.2		Axle loading, laden front/rear		kg	5813/803
2.3		Axle loading, unladen front/rear		kg	1805/2311
Tyres/chassis	3.1	Tyre type			Pneumatic
	3.2	Tyre size, front			7.00-12-16PR
	3.3	Tyre size, rear			18X7-8-14PR
	3.5	Wheels, number front/rear (x=drive wheels)		mm	2x/ 2
	3.6	Tread width, front	b ₁₀	mm	975
	3.7	Tread width, rear	b ₁₁	mm	955
Dimensions	4.1	Tilt of mast/fork carriage forward/backward	α/β	°	6/ 10
	4.2	Retracted mast height	h ₁	mm	2090
	4.3	Free lift	h ₂	mm	135
	4.4	Lift height	h ₃	mm	3000
	4.5	Height, mast extended	h ₄	mm	4025
	4.7	Height of overhead guard (cabin)	h ₆	mm	2170
	4.8	Seat height/standing height	h ₇	mm	1110
	4.12	Tow coupling height	h ₁₀	mm	295
	4.19	Overall length	l ₁	mm	3598
	4.20	Length to face of forks	l ₂	mm	2528
	4.21	Overall width	b ₁ /b ₂	mm	1154
	4.22	Fork dimensions	s×e×l	mm	40×122×1070
	4.23	A,B Fork carriage class/type A, B			2A
	4.24	Fork carriage width	b ₃	mm	1040
	4.31	Ground clearance, laden, below mast	m ₁	mm	120
	4.32	Ground clearance, center of wheelbase	m ₂	mm	150
	4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	3953
	4.34.2	Aisle width for pallets 800×1200 lengthways	Ast	mm	4153
	4.35	Turning radius	Wa	mm	2258
Performance data	5.1	Travel speed, laden/unladen		km/h	11/12
	5.2	Lifting speed, laden/unladen		m/s	0.29/0.36
	5.3	Lowering speed, laden/unladen		m/s	0.4/0.43
	5.5	Drawbar pull, laden/unladen		N	—
	5.6	Max. drawbar pull, laden/unladen		N	—
	5.8	Max. gradeability, laden/unladen		%	15/15
	5.10	Service brake			Hydraulic
5.11	Parking brake			Mechanical	
Electric-engine	6.1	Drive motor rating S2 60 min		kW	8
	6.2	Lift motor rating at S3 15%		kW	16
	6.4	Battery voltage/nominal capacity		V/Ah	80V/100AH
	6.5	Battery weight		kg	—
Addition data	8.1	Type of drive control			PSMS
	10.5	Steering design			Hydraulic
	10.7	Sound pressure level at the driver's ear		dB(A)	< 74

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 shelving	With shelving
	No shelving		With shelving	No shelving		
	mm	mm	mm	mm	mm	mm
2-Standard Mast	3000	2090	3565	4025	120	120
	3300	2240	3865	4325	120	120
	3500	2340	4065	4525	120	120
	3600	2390	4165	4625	120	120
	4000	2640	4565	5025	120	120
2-Free Mast	3000	2035	3565	4025	1470	1010
	3300	2185	3865	4325	1620	1160
	3600	2335	4165	4625	1770	1310
3-Free Mast	4300	2035	4865	5325	1470	1010
	4500	2115	5065	5525	1550	1090
	4800	2220	5365	5825	1655	1195
	5000	2305	5565	6025	1740	1280

Option

Optional items	EFX2-251
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
Fork carriage width	●1040mm○Yes and customized
backrest height	●1025mm○Yes and customized
Front wheel material	●Pneumatic ○Normal solid○Traceless solid
Rear wheel material	●Pneumatic○Normal solid○Traceless solid
Battery capacity	●80V100AH
Charger	○80V65A●80V35A(Internal) ○80V60A(Internal) ○80V100A(External)
Battery indicator	●With time
Seat type	○Comfortable●Suspension ○Suspension + safety belt logic switch○comfortable + safety belt logic switch
Attachments	●No○Built-in sideshifter○External shifter○Adjustable fork○clamp
Traction pin	●Yes and not customized
Electrostatic chain	●Yes and not customized
Front lamp	●LED
Rear lamp	●No○LED
Warning lamp	●Yes and not customized
Steering lamp	●LED
Blue lamp	●None○The first two○The latter one○The first two + the last one
Area warning lamp	●None○Red, one on each side○One on each side + one on the back
Rearview mirror	●A rearview mirror○Double rearview mirror
Buzzer	●Yes and not customized
Fire extinguisher	●No○Yes and not customized
OPS system	●Yes and not customized○No
USB interface	●Yes and not customized
Remote monitoring	●Yes and not customized○No
Fan heater	●No○Yes and not customized
Speed reduction for elevated mast- Australian standard	●No○Yes and customized
Cabin	●None○Semi-enclosed cockpit ○Fully enclosed cockpit with electric fan, heater, front wipers, rear wipers
Proportional lift system	●Yes and not customized
Forks tilt forward and backward	●No○Yes and not customized
Overhead guard	●Standard overhead guard○Yes and customizable

Note: ●Standard ○ Optional - Inconformity