

EFXZ351

PRODUCT DATASHEET

 3500 kg  6000 mm  80 V Li-Ion



The EFXZ Series is ideal for warehousing, logistics centers, and manufacturing sites that demand both performance and sustainability. Its pneumatic tires and robust steel chassis provide exceptional stability for indoor and outdoor operations. The remanufactured IC base ensures strength, while the Li-ion power system offers long runtime, fast charging, and reduced maintenance. Available with multiple mast configurations and customizable fork dimensions, the EFXZ series adapts easily to diverse material handling tasks, from pallet transport to high stacking in industrial environments.

SPÉCIFICATION	RÉF	UNITÉ	VALEUR
Type de batterie			Li-Ion
Capacité nominale de la batterie		Ah	205
Tension de la batterie		V	80
Capacité de charge	Q	kg	3500
Distance entre les centre de charge	c	mm	500
Poids en service		kg	4400
Hauteur du mât abaissé	h_1	mm	2100
Hauteur de levée	h_3	mm	3000
Hauteur, mât déployé	h_4	mm	4110
Longueur hors tout		mm	3785
Largeur hors tout	b_1/b_2	mm	1225
Longueur jusqu'à la face des fourches	l_2	mm	2745
Dimensions des fourches	s/e/1	mm	50×122×1070
Rayon de giration		Wa	2400
Manufacturer			EP
Model designation			EFXZ351

Caractéristiques

Comprehensive remanufacturing process

Each EFXZ truck is completely disassembled, inspected, and rebuilt in EP's remanufacturing facility. Critical components such as the chassis, front axle, and counterweight are refurbished, while the powertrain is replaced with a state-of-the-art lithium-ion system. This ensures the forklift delivers like-new reliability with a fraction of the cost and environmental impact.



Advanced Li-ion technology for maximum efficiency

The EFXZ is powered by EP's 80V Li-ion battery, available in 150Ah to 410Ah configurations. The lithium system offers fast and opportunity charging, zero maintenance, and consistent power output. Combined with PMSM motors, it provides smoother acceleration, reduced noise, and higher energy efficiency compared to IC models.



Rugged performance with renewed reliability

With load capacities up to 3 tons, travel speeds of 12 km/h, and gradeability up to 20%, the EFXZ performs effortlessly across demanding applications. Its pneumatic tires, reinforced frame, and hydraulic braking system ensure dependable operation on uneven floors and outdoor terrains, meeting the same performance and safety standards as new forklifts.





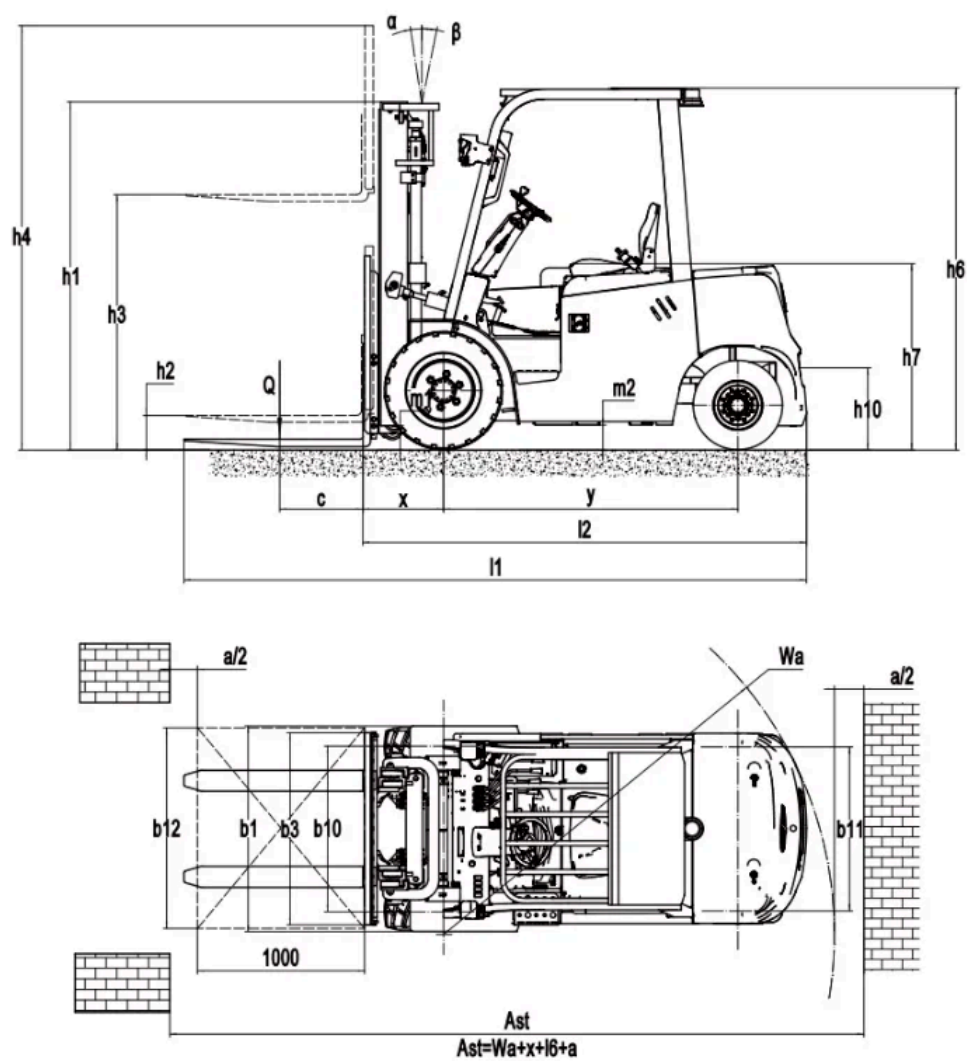
Sustainable and cost-effective material handling

By reusing IC forklift structures and converting them to electric power, the EFXZ Series reduces manufacturing waste and CO₂ emissions. It offers up to 40% lower operational costs, extended service life, and full EP warranty coverage, making it a responsible and economical alternative for fleet upgrades.

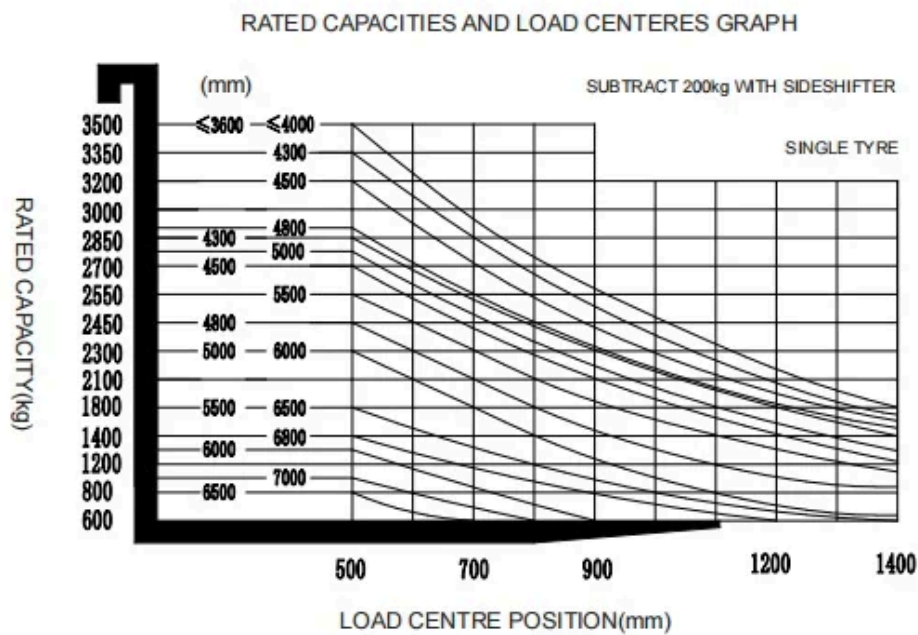
VDI Chart

SPÉCIFICATION		RÉF	UNITÉ	VALEUR
1.1	Manufacturer			EP
1.2	Model designation			EFXZ351
1.3	Drive			Electric
1.4	Type d'opérateur			Seated
1.5	Capacité de charge	Q	kg	3500
1.6	Distance entre les centre de charge	c	mm	500
1.8	Distance de charge, du centre de l'essieu moteur à la fourche		mm	486
1.9	Empattement		mm	1750
2.1	Poids en service		kg	4400
2.2	Charge par essieu, chargé avant/arrière		kg	6374/868
2.3	Charge sur essieu, à vide avant/arrière		kg	1642/2530
3.1	Type de pneus			Pneumatic
3.2	Dimension des pneus avant		mm	28X9-15-14PR
3.3	Dimension des pneus arrière		mm	6.50-10-10PR
3.5	Roues, nombre avant/arrière (x = roues motrices)			2x/2
3.6.1	Voie avant	b ₁₀	mm	1000
3.7.1	Voie arrière	b ₁₁	mm	980
4.0	Max lift height	H	mm	6000
4.1	Basculement du mât/du tablier porte-fourches avant/arrière		°	6/12
4.12	Hauteur de l'attelage de remorquage		mm	340
4.19	Longueur hors tout		mm	3785

	SPÉCIFICATION	RÉF	UNITÉ	VALEUR
4.2	Hauteur du mât abaissé	h_1	mm	2100
4.20	Longueur jusqu'à la face des fourches	l2	mm	2745
4.21	Largeur hors tout	b_1/b_2	mm	1225
4.22	Dimensions des fourches	s/e/l	mm	50×122×1070
4.23	Classe/type de tablier porte-fourches A, B			3A
4.24	Largeur du tablier porte-fourches		mm	1230
4.3	Levée libre		mm	120
4.31	Garde au sol, sous le mât (chargé)		mm	150
4.32	Garde au sol, au centre de l'empattement		mm	200
4.34.1	Largeur d'allée pour palettes 1000×1200 transversales		Ast	4170
4.34.2	Largeur d'allée pour palettes 800×1200 longitudinales		Ast	4098
4.35	Rayon de giration		Wa	2400
4.4	Hauteur de levée	h_3	mm	3000
4.5	Hauteur, mât déployé	h_4	mm	4110
4.7	Hauteur du toit de protection (cabine)		mm	2170
4.8	Hauteur d'assise / de station debout		mm	1115
5.1	Vitesse de déplacement, chargé/à vide		km/h	11/12
5.10	Frein de service			Hydraulic
5.11	Frein de stationnement			Mechanical
5.2	Vitesse d'élévation, chargé/à vide		m/s	0.26/0.36
5.3	Vitesse d'abaissement, chargé/à vide		m/s	0.4/0.43
5.8	Pente franchissable max., chargé/à vide		%	15/15
6.1	Puissance du moteur de traction S2 60 min		kW	10
6.2	Puissance du moteur de levage S3 15%		kW	16
6.4	Capacité nominale de la batterie		Ah	205
6.4	Tension de la batterie		V	80
6.4.1	Type de batterie			Li-Ion
8.1	Type de commande de traction			AC
10.5	Type de direction			Hydraulic
10.7	Niveau de pression sonore à l'oreille du conducteur		dB(A)	< 74



EFXZ351



Options de Mât

MAST TYPE	LIFT HEIGHT (H3, MM)	MAST LOWERED HEIGHT (H1, MM)	HEIGHT, MAST EXTENDED, NO SHELIVING (H4, MM)	HEIGHT, MAST EXTENDED, WITH SHELIVING (H4, MM)	HEIGHT, FREE LIFT, NO SHELIVING (H2, MM)	HEIGHT, FREE LIFT, WITH SHELIVING (H2, MM)
2-Standard Mast	2700	1910	3330	3795	120	120
2-Standard Mast	3000	2060	3630	4095	120	120
2-Standard Mast	3300	2210	3930	4395	120	120
2-Standard Mast	3500	2310	4130	4595	120	120
2-Standard Mast	3600	2360	4230	4695	120	120
2-Standard Mast	4000	2610	4630	5095	120	120
2-Standard Mast	4300	2760	4930	5395	120	120
2-Standard Mast	4500	2860	5130	5595	120	120
2-Free Mast	3000	2040	3630	4095	1410	945
2-Free Mast	3300	2190	3930	4395	1560	1095
2-Free Mast	3600	2340	4230	4695	1710	1245
3-Free Mast	4300	2040	4930	5395	1410	945

MAST TYPE	LIFT HEIGHT (H3, MM)	MAST LOWERED HEIGHT (H1, MM)	HEIGHT, MAST EXTENDED, NO SHELVING (H4, MM)	HEIGHT, MAST EXTENDED, WITH SHELVING (H4, MM)	HEIGHT, FREE LIFT, NO SHELVING (H2, MM)	HEIGHT, FREE LIFT, WITH SHELVING (H2, MM)
3-Free Mast	4500	2120	5130	5595	1490	1025
3-Free Mast	4800	2225	5430	5895	1595	1130
3-Free Mast	5000	2310	5630	6095	1680	1215
3-Free Mast	5500	2560	6130	6595	1930	1465
3-Free Mast	6000	2810	6630	7095	2180	1715

Options

ARTICLE	OPTIONS (articles optionnels marqués en jaune)
Dimension de la fourche	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
Option largeur du tablier porte-fourches	1100mm Yes and not customized
Hauteur du dossier	1095mm Yes and not customized
Type de siège	Regular Regular+safety belt logic switch Comfortable Comfortable + safety belt logic switch Suspension Suspension + safety belt logic switch Suspension with armrest+safety belt logic switch
Accessoires	No Built-in sideshifter External shifter Fork positioner with sideshift
Goupille d'attelage	Yes
Chaîne antistatique	Yes and not customized
Matière des roues avant	Pneumatic Normal solid Non-marking solid
Matière des roues arrière	Pneumatic Normal solid Non-marking solid
Capacité de la batterie	80V205AH 80V280AH 80V410AH
Chargeur	80V35A Intergrated charger 80V60A External charger 80V100A External charger 80V150A External charger 80V200A External charger (410Ah only)
Indicateur de décharge batterie (BDI)	With hourmeter (Bluetooth) without ESP
Lampe d'avertissement de zone	No Both sides Both sides and rear
Rétroviseur	One in front Two on sides and one in front
Avertisseur sonore (buzzer)	Yes and not customized
Système OPS (présence opérateur)	No Yes and not customized

ARTICLE	OPTIONS (articles optionnels marqués en jaune)
Interface USB	USB with Type A ports
Télématique	Yes and not customized
Phare avant	LED
Feu arrière	No LED
Lampe d'avertissement	Yes and not customized
Projecteur bleu	Rear Front and rear
Cabine	No Basic half cabin Upgrade half cabin Full cabin
Toit de protection	With tempered glass
Limitation de vitesse en virage	No
Système de chauffage pendant la charge de la batterie lithium	No Yes and not customized
Dispositif d'identification de l'opérateur	No Card reader
Limitation électronique du levage	No
Commande hydraulique	Mechanical lever