




EFS101

ELECTRIC COUNTERBALANCE FORKLIFT 1.0T

 990 kg  2500 mm  24 V Li-Ion



EFS101 can cover 80% of customers' handling applications in the most economical way. In addition to daily working routine, operators can take advantages of its compact size to cover handling needs in narrow space. With its light self-service weight 1520kg, the EFS101 is a reliable tool to handle materials in cargo lifts and on mezzanines. It can also adapt to uneven surfaces thanks to its high ground clearance.

SPECIFICATION	REF	UNIT	VALUE
Battery type			Li-Ion
Battery nominal capacity K5		Ah	220
Battery voltage		V	24
Rated capacity	Q	kg	990
Load centre distance	c	mm	400
Service weight		kg	1520
Height, mast lowered	h_1	mm	2061
Lift	h_3	mm	3000
Height, mast extended	h_4	mm	3908
Overall length		mm	2402
Overall width	b_1/b_2	mm	894
Length to face of forks	l2	mm	1482
Turning radius		Wa	1278
Manufacturer			EP
Model designation			EFS101
Drive			Electric

Features

Compact size and light weight

The EFS101 features compact chassis, which is significantly smaller than ones with the same tonnage in the industry. It is optimized for the flexibility in narrow space thanks to its short turning radius 1278mm. In addition, operators can take advantages of its light weight 1520kg to cover cargo lift and mezzanine usage.



High ground clearance

The EFS101 ensures higher ground clearance compared to regular forklifts with same tonnage and can ride smoothly on uneven surfaces.

Integrated charger

The EFS101 is equipped with a 24V-25A integrated charger, which offers operators convenience and flexibility in daily usage.



Market-proven and mature components

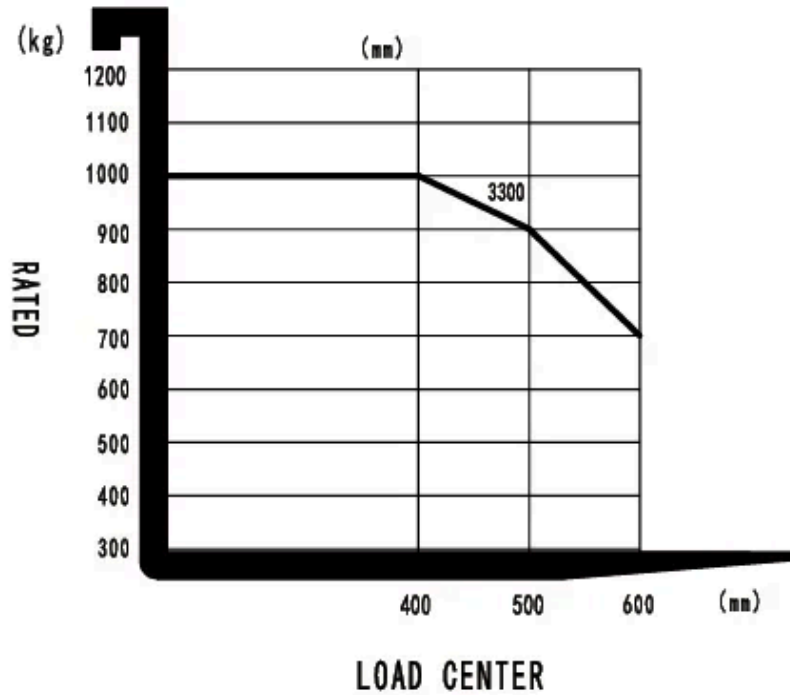
The EFS101 uses market-proven spare parts, which promise safety and reliability. It comes with a 24V/220AH long-lasting AGM battery and the Curtis Controller, which helps increase efficiency and reduce operation costs.

VDI Chart

	SPECIFICATION	REF	UNIT	VALUE
1.1	Manufacturer			EP
1.2	Model designation			EFS101
1.3	Drive			Electric
1.4	Operator type			Seated
1.5	Rated capacity	Q	kg	990
1.6	Load centre distance	c	mm	400
1.8	Load distance, centre of drive axle to fork		mm	204
1.9	Wheelbase		mm	1015
2.1	Service weight		kg	1520
2.2	Axle loading, laden front/rear		kg	2150/360
2.3	Axle loading, unladen front/rear		kg	920/900
3.1	Tyres			Polyurethane/Solid rubber
3.2	Tyre size, front		mm	3.50-5
3.3	Tyre size, rear		mm	230×90
3.5	Wheels, number front/rear (x=drive wheels)			1x,/2
3.6	Tread width, front	b ₁₀	mm	779
4.0	Max lift height	H	mm	2500
4.1	Tilt of mast/fork carriage forward/backward		°	3/3
4.2	Height, mast lowered	h ₁	mm	2061
4.4	Lift	h ₃	mm	3000
4.5	Height, mast extended	h ₄	mm	3908
4.7	Height of overhead guard (cabin)		mm	1988
4.8	Seat height relating to SIP/stand height		mm	878
4.19	Overall length		mm	2402
4.20	Length to face of forks	l ₂	mm	1482
4.21	Overall width	b ₁ /b ₂	mm	894
4.24	Fork carriage width		mm	35×100×920
4.31	Ground clearance, laden, below mast		mm	60
4.32	Ground clearance, centre of wheelbase		mm	98
4.34.1	Aisle width for pallets 1000×1200 crossways		Ast	2824
4.34.2	Aisle width for pallets 800 × 1200 crossways		Ast	2938
4.35	Turning radius		Wa	1278

	SPECIFICATION	REF	UNIT	VALUE
5.1	Travel speed, laden/unladen		km/h	6/8
5.2	Lift speed, laden/unladen		m/s	0.13/0.2
5.3	Lowering speed, laden/unladen		m/s	0.16/0.15
5.10	Service brake			Electromagnetic
5.11	Parking brake			Electromagnetic
6.1	Drive motor rating S2 60 min		kW	1.6
6.2	Lift motor rating at S3 15%		kW	2.2
6.4	Battery nominal capacity K5		Ah	220
6.4	Battery voltage		V	24
6.4.1	Battery type			Li-Ion
6.5	Battery weight		kg	140

RATED CAPACITIES GRAPH



Mast Options

MAST TYPE	LIFT HEIGHT (H3, MM)	MAST LOWERED HEIGHT (H1, MM)	MAST EXTENDED HEIGHT, NO BACKREST (H4, MM)	MAST EXTENDED HEIGHT, WITH BACKREST (H4, MM)
2-Standard Mast	3000	2061	3494	3908
2-Standard Mast	2700	1911	3194	3608
2-Standard Mast	2500	1811	2994	3408

Options

ITEM	OPTIONS (optional items marked in yellow)
Drive wheel material	Solid rubber
Front wheel material	Solid rubber
Rear wheel material	PU
Battery capacity	220Ah
Charger	24V-25A Internal
Battery display indicator (BDI)	With hourmeter

ITEM	OPTIONS (optional items marked in yellow)
Attachments	No
Fork length	920 1070