

EFS101

ELECTRIC COUNTERBALANCE FORKLIFT 1.0 TONNE

 990 kg  3000 mm  24 V Li-Ion



The EFS101 can handle 80% of customers' material handling applications in the most economical way. In addition to daily routines, operators can take advantage of its compact size to meet handling needs in confined spaces. With its light operating weight of 1520 kg, the EFS101 is a reliable tool for handling materials on goods lifts and 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		Ah	220
Battery voltage		V	24
Load capacity	Q	kg	990
Load centre distance	c	mm	400
Service weight		kg	1520
Retracted mast height	h ₁	mm	2061
Lift height	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	l ₂	mm	1482
Turning radius		Wa	1278
Operator type			Seated
Load distance, centre of drive axle to fork		mm	204
Wheelbase		mm	1015

Features

Compact and lightweight

The EFS101 features a compact chassis that is significantly smaller than those of the same tonnage in the industry. It is optimised for manoeuvrability in narrow spaces thanks to its short turning radius of 1278 mm. In addition, operators can take advantage of its light operating weight of 1520 kg for use on goods lifts and mezzanines.



High ground clearance

The EFS101 offers greater ground clearance compared with standard forklifts of the same tonnage and can operate smoothly over uneven surfaces.

Integrated charger

The EFS101 is equipped with a 24 V, 25 A integrated charger, providing operators with convenience and flexibility in daily use.



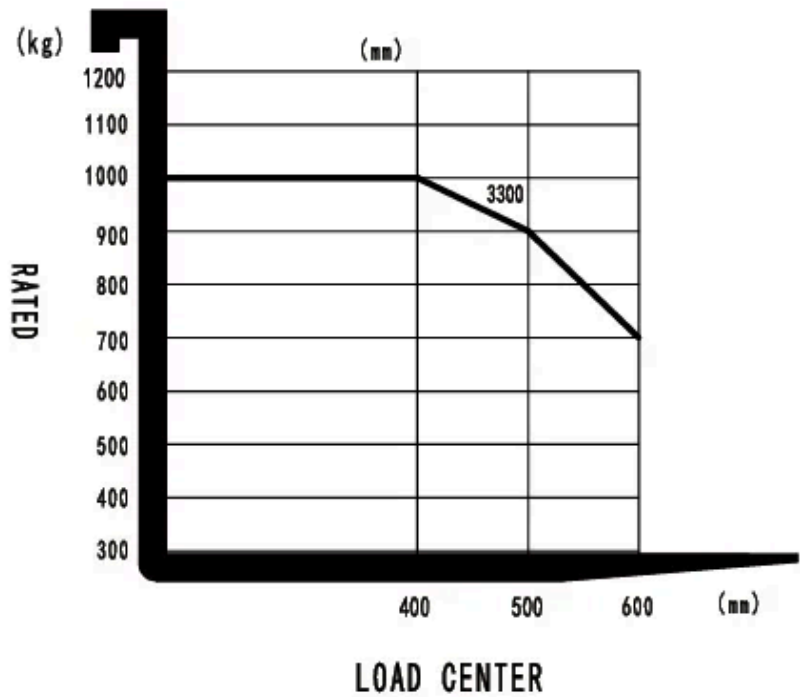
Market-proven, well-established components

The EFS101 uses market-proven spare parts to ensure safety and reliability. It is fitted with a long-lasting 24 V/220 Ah AGM battery and the Curtis Controller, which help increase efficiency and reduce operating costs.

VDI Chart

	SPECIFICATION	REF	UNIT	VALUE
1.4	Operator type			Seated
1.5	Load 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	Tyre type			Polyurethane/Solid rubber
3.2	Tyre size, front			3.50-5
3.3	Tyre size, rear			230×90
3.5	Wheels, number front/rear (x=drive wheels)			1x,/2
3.6	Tread width, front	b ₁₀	mm	779
4.1	Tilt of mast/fork carriage forward/backward		°	3/3
4.19	Overall length		mm	2402
4.2	Retracted mast height	h ₁	mm	2061
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 lengthways		Ast	2938
4.35	Turning radius		Wa	1278
4.4	Lift height	h ₃	mm	3000
4.4.1	Max lift height		mm	2500
4.5	Height, mast extended	h ₄	mm	3908
4.7	Height of overhead guard (cabin)		mm	1988
4.8	Seat height/standing height		mm	878
5.1	Travel speed, laden/unladen		km/h	6/8
5.10	Service brake			Electromagnetic
5.11	Parking brake			Electromagnetic

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)
Attachments	No
Drive wheel material	Solid rubber
Front wheel material	Solid rubber
Rear wheel material	PU
Battery capacity	220Ah
Charger	24V-25A Internal

ITEM	OPTIONS (optional items marked in yellow)
Battery display indicator (BDI)	With hourmeter
Fork length	920 1070