



EFLA251S

LI-ION CUSHION FORKLIFT TRUCK 2.5T

2500 kg 7200 mm 80 V Li-Ion



Tight Spaces & Narrow Aisles: With a small width and turning radius, this compact electric forklift is ideal for navigating narrow aisles and confined spaces.

Warehouses & Retail Environment: With a compact size and a fast lifting / lowering speed, this forklift truck ideal for stocking shelves and moving inventory within the store.

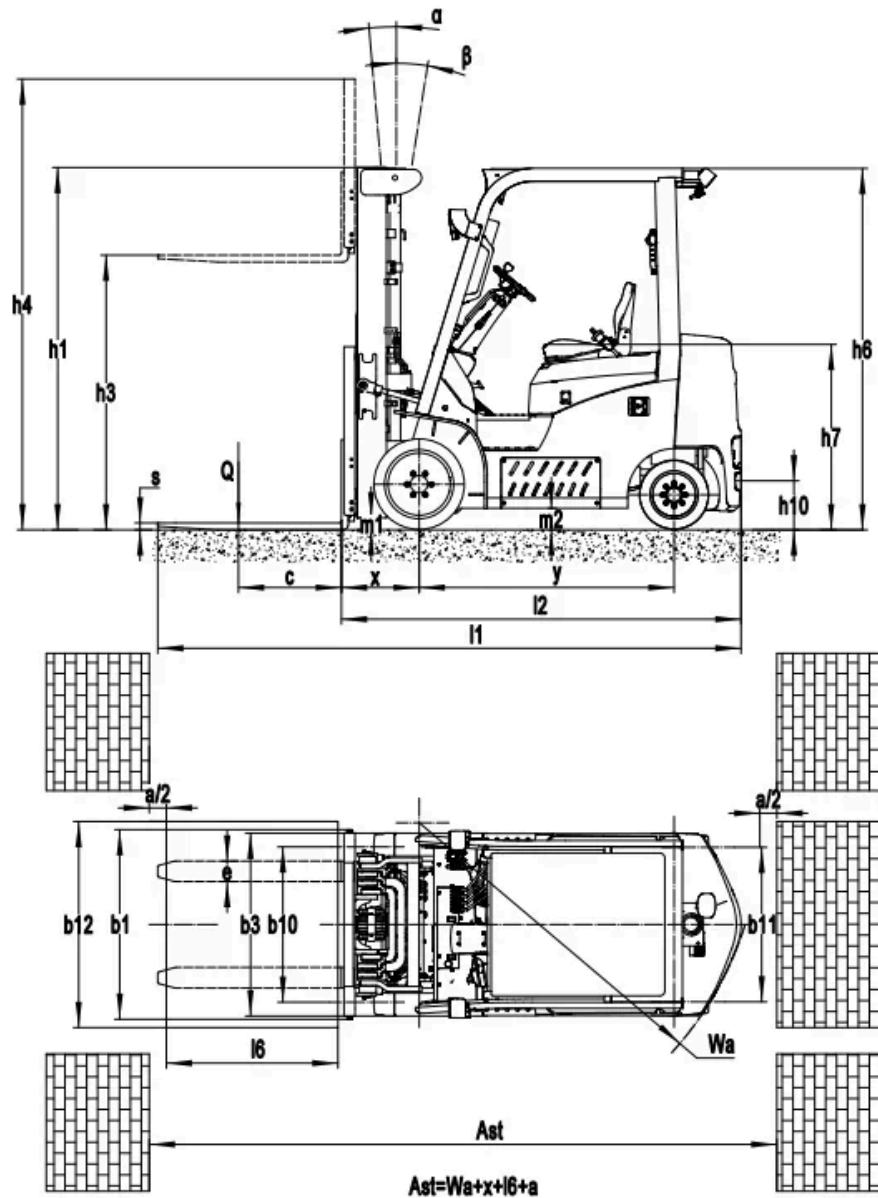
Occasional Outdoor Usage: The tempered glass roof allows operation outdoors even on rainy days.

SPECIFICATION	REF	UNIT	VALUE
Battery type			Li-Ion
Battery nominal capacity		Ah	230
Battery voltage		V	80
Load capacity	Q	kg	2500
Load centre distance	c	mm	500
Service weight		kg	4510
Retracted mast height	h_1	mm	2110
Lift height	h_3	mm	4800
Height, mast extended	h_4	mm	5838
Overall length		mm	3399
Overall width	b_1/b_2	mm	1092
Length to face of forks	l2	mm	2329
Fork dimensions	s/e/l	mm	40 x 122x 1070
Turning radius		Wa	1990
Operator type			Seated
Load distance, centre of drive axle to fork		mm	454

VDI Chart

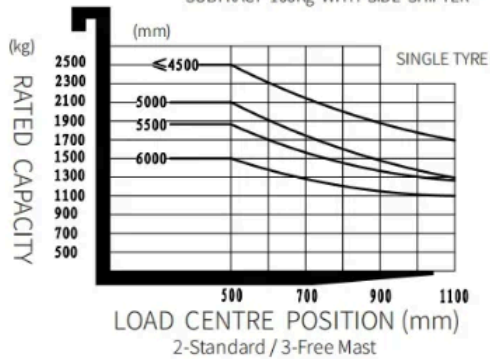
	SPECIFICATION	REF	UNIT	VALUE
1.4	Operator type			Seated
1.5	Load capacity	Q	kg	2500
1.6	Load centre distance	c	mm	500
1.8	Load distance, centre of drive axle to fork		mm	454
1.9	Wheelbase		mm	1485
2.1	Service weight		kg	4510
2.2	Axle loading, laden front/rear		kg	5890/890
2.3	Axle loading, unladen front/rear		kg	2010/2500
3.1	Tyre type			Solid rubber
3.2	Tyre size, front		mm	21x7-15
3.3	Tyre size, rear		mm	16x6-10.5
3.5	Wheels, number front/rear (x=drive wheels)			2x , /2
3.6.1	Tread width, front	b_{10}	mm	914
3.7.1	Tread width, rear	b_{11}	mm	900
4.0	Max lift height	H	mm	7200
4.1	Tilt of mast/fork carriage forward/backward		°	6/5
4.12	Tow coupling height		mm	280
4.19	Overall length		mm	3399
4.2	Retracted mast height	h_1	mm	2110
4.20	Length to face of forks	l2	mm	2329
4.21	Overall width	b_1/b_2	mm	1092
4.22	Fork dimensions	s/e/l	mm	40 x 122x 1070
4.23	A,B Fork carriage class/type A, B			2A
4.24	Fork carriage width		mm	1040
4.3	Free lift		mm	1468
4.31	Ground clearance, laden, below mast		mm	95
4.32	Ground clearance, centre of wheelbase		mm	110
4.34.1	Aisle width for pallets 1000x1200 crossways		Ast	3664
4.34.2	Aisle width for pallets 800x1200 lengthways		Ast	3864
4.35	Turning radius		Wa	1990
4.4	Lift height	h_3	mm	4800
4.5	Height, mast extended	h_4	mm	5838

	SPECIFICATION	REF	UNIT	VALUE
4.7	Height of overhead guard (cabin)		mm	2105
4.8	Seat height/standing height		mm	1105
5.1	Travel speed, laden/unladen		km/h	17/17
5.10	Service brake			Hydraulic
5.11	Parking brake			Mechanical
5.2	Lifting speed, laden/unladen		m/s	0.61/0.64
5.3	Lowering speed, laden/unladen		m/s	0.5/0.5
5.8	Max. gradeability, laden/unladen		%	30/17
6.1	Drive motor rating S2 60 min		kW	15
6.2	Lift motor rating at S3 15%		kW	26
6.4	Battery nominal capacity		Ah	230
6.4	Battery voltage		V	80
6.4.1	Battery type			Li-Ion
6.5	Battery weight		kg	295
8.1	Type of drive control			AC
10.5	Steering design			Hydraulic
10.7	Sound pressure level at the drivers ear		dB(A)	68



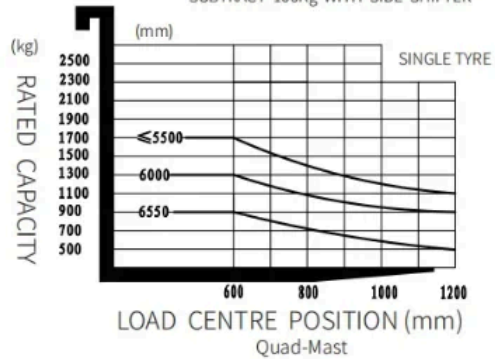
RATED CAPACITIES AND LOAD CENTERS GRAPH

SUBTRACT 100kg WITH SIDE SHIFTER



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SUBTRACT 100kg WITH SIDE SHIFTER



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)	FREE LIFT HEIGHT, NO BACKREST (H2, MM)	FREE LIFT HEIGHT, WITH BACKREST (H2, MM)
2-Standard Mast	3000	2075	3730	4040	120	120
2-Standard Mast	3300	2225	4030	4340	120	120
2-Standard Mast	3600	2375	4330	4640	120	120
2-Standard Mast	4000	2625	4730	5040	120	120
2-Standard Mast	4300	2775	5030	5340	120	120
2-Standard Mast	4500	2875	5230	5540	120	120
3-Free Mast	4000	1945	4663	5046	1303	920
3-Free Mast	4300	2015	4973	5356	1373	990
3-Free Mast	4500	2095	5213	5596	1453	1070
3-Free Mast	4800	2110	5455	5838	1468	1085
3-Free Mast	5000	2285	5663	6046	1643	1260
3-Free Mast	5500	2535	6163	6546	1893	1510
3-Free Mast	6000	2785	6663	7046	2143	1760
Quad Mast	5600	2000	6203	6667	1427	963
Quad Mast	6110	2120	6713	7177	1547	1083
Quad Mast	6500	2240	7103	7567	1667	1203
Quad Mast	6556	2254	7159	7623	1681	1217
Quad Mast	6750	2310	7353	7817	1737	1273
Quad Mast	7000	2410	7603	8067	1837	1373
Quad Mast	7200	2500	7803	8267	1927	1463

Options

ITEM	OPTIONS (optional items marked in yellow)
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
Seat type	Comfortable + safety belt switch Suspension + safety belt switch Suspension seat with armrest with safety belt switch
Attachments	Built-in sideshifter External shifter Fork positioner with sideshift clamp
Traction pin	Yes and not customized
Front wheel material	Smooth cushion tires Traded cushion tires Non-marking smooth cushion tires Non-marking traded cushion tires Wide cushion tires
Rear wheel material	Smooth cushion tires Traded cushion tires Non-marking smooth cushion tires Non-marking traded cushion tires Wide cushion tires
Battery capacity	80V230AH 80V410AH 80V460AH
Charger	80V35A integrated 80V60A integrated 80V60A 80V100A 80V150A 80V200A(410/460AH)
Battery display indicator (BDI)	With time Bluetooth with PSE
Area warning lamp	No Red, one on each side One on each side + one on the rear
Rearview mirror	one on the front One on the front + two on both sides
Buzzer	Yes and not customized
OPS system	Yes and not customized
USB interface	USB with A and C type
Telematics	Yes and not customized
Front lamp	LED
Rear lamp	No LED
Warning lamp	Yes and not customized
Blue lamp	No rear Front and rear
Cabin	No
Overhead guard	With stalinite No
Clamp interlock	No Yes and not customized
Anti-static chain	Yes and not customized
Turn signal light	LED
Turn speed control	No Yes and not customized
Heating system during lithium battery charging	No Yes and not customized

ITEM	OPTIONS (optional items marked in yellow)
Operator identification device	No Card reader
Lifting electronic limit	No Yes and not customized
Hydraulic control	Mechanical lever