

ZOOMLION



Electric Forklift Truck

Excellent Performances & Reliability

FB45/50

Four-wheel Electric Forklift 4.5/5.0t

Strong overhead guard makes safety operation;
High efficient and maintenance free AC traction motor;
Main parts include controller, pump motor, gear pump, etc. can
easily be detected after you open the body cover.



Four-wheel Electric Forklift 4.5/5.0t

FB45/50

Distinguishing mark					
1.1	Manufacturer				
1.2	Model designation			FB45	FB50
1.3	Drive unit			Electrics	Electrics
1.4	Operator type			seated	seated
1.5	rated capacity	Q	t	4.5	5
1.6	Load center distance	c	mm	500	500
1.8	Load distance, centre of drive axle to fork	x	mm	548	548
1.9	Wheelbase	y	mm	2000	2000
Weight					
2.1	Service weight (include battery)		kg	6765	7100
2.2	Axle loading, laden driving wheels /steering wheels		kg	10178/1087	10515/1585
2.3	Axle loading, unladen driving wheels /steering wheels		kg	3347/3418	3447/3625
Types,Chassis					
3.1	Tyre type,driving wheels /steering wheels			solid rubber	solid rubber
3.2	Tyre size, driving wheels (diameter×width)			250-15	250-15
3.3	Tyre size, steering wheels (diameter×width)			21X8-9	21X8-9
3.5	Wheels, number driving/steering (x=drive wheels)			2X/2	2X/2
3.6	Tread, Driving wheels	b ₁₀	mm	1112	1112
3.7	Tread, Steering wheels	b ₁₁	mm	1085	1085
Dimensions					
4.1	Tilt of mast/fork carriage forward/backward	α/ β (°)		6/ 10	6/ 10
4.2	Height, mast lowered	h ₁	mm	2320	2320
4.3	Free lift (load backrest)	h ₂	mm	100	100
4.4	Lift height	h ₃	mm	3000	3000
4.5	Height, mast extended	h ₄	mm	4120	4120
4.7	Height of overhead guard (cabin)	h ₆	mm	2353	2353
4.8	Seat height	h ₇	mm	1208	1208
4.12	Tow center of pin height	h ₁₀	mm	375	375
4.19	Overall length	l ₁	mm	4027	4127
4.20	Length to face of forks	l ₂	mm	2958	3058
4.21	Overall width	b ₁ / b ₂	mm	1479	1479
4.22	Fork dimensions	s/ e/ l	mm	50X150X1070	55X150X1070
4.23	Fork carriage class/type A, B				
4.24	Fork carriage width	b ₃	mm	1350	1350
4.31	Ground clearance, laden, below mast	m ₁	mm	130	130
4.32	The minimum ground clearance of frame	m ₂	mm	140	140
4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast	mm	4424	4484
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	4624	4684
4.35	Turning radius	Wa	mm	2675.5	2735.5
Performance data					
5.1	Travel speed, laden/ unladen		km/ h	14/14.5	14/14.5
5.2	Lifting speed, laden/ unladen		m/ s	0.26/0.45	0.26/0.45
5.3	Lowering speed, laden/ unladen		m/ s	0.55/ 0.5	0.55/ 0.5
5.5	Drawbar pull, laden/unladen		N	—	—
5.6	Max. drawbar pull, laden/unladen (time)		N	26000	26000
5.7	Gradeability, laden/unladen		%	—	—
5.8	Max. gradeability, laden/unladen		%	14/15	14/15
5.10	Service brake type			hydraulic/Mechanical	hydraulic/Mechanical
	park brake type			Mechanical	Mechanical
Electric-engine					
6.1	Drive motor rating S2 60 min		kW	16.6	16.6
6.2	Lift motor rating at S3 15%		kW	25.4	25.4
6.3	The maximum allowed size battery		mm	—	—
6.4	Battery voltage/nominal capacity K5			80/700	80/700
6.5	Battery weight		kg	2015	2015
Addition data					
8.1	Type of drive unit			AC	AC
10.5	Steering type			—	—
10.7	Sound pressure level at the driver's ear		dB (A)	70	70

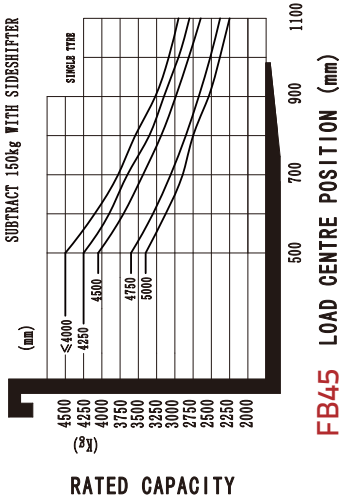
1.The parameters in the table are of the standard model. For more information, please contact us.

2.The parameters are subject to change without notice.

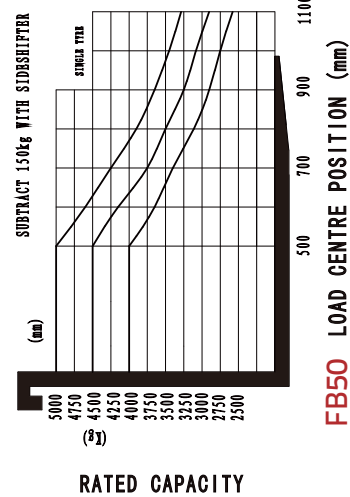
Mast Option:

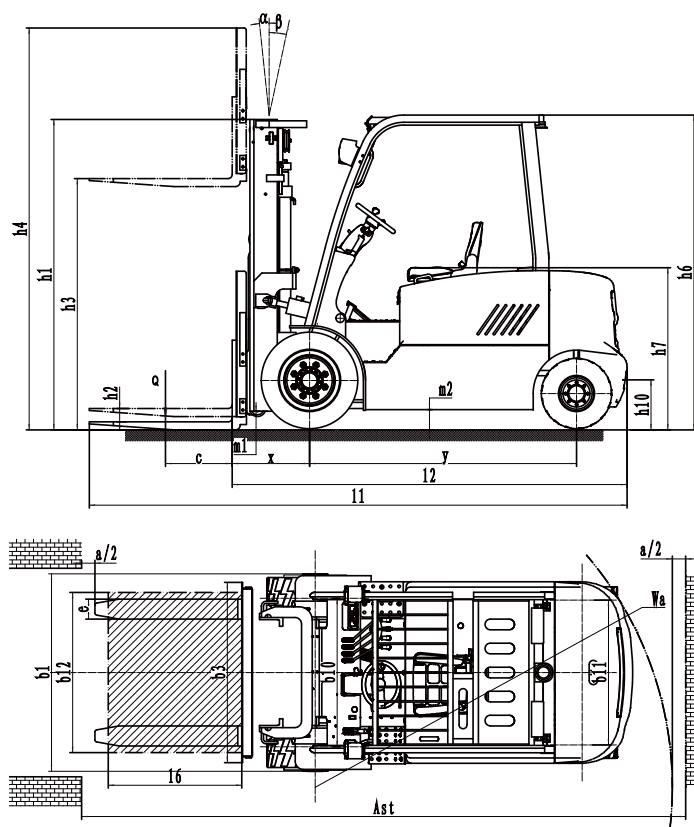
Type	Model	Max.fork height mm	Overall height			Free lift		Front Overhang			Tilt range		Capacity		
			Lowered	Extended		Without backrest	With backrest	4t	5t		FWD	BWD	Load capacity at 500 mm		
				Without backrest	With backrest				mm	mm			4t	single wheel	5t
Wide view mast	2W250	2500	1983	3219	3656	150	150	548	548	548	6	10	4000	4500	5000
	2W270	2700	2083	3419	3856	150	150	548	548	548	6	10	4000	4500	5000
	2W300	3000	2233	3719	4156	150	150	548	548	548	6	10	4000	4500	5000
	2W330	3300	2383	4019	4456	150	150	548	548	548	6	10	4000	4500	5000
	2W350	3500	2483	4219	4656	150	150	548	548	548	6	10	4000	4500	5000
	2W370	3700	2583	4419	4856	150	150	548	548	548	6	10	3900	4450	4950
	2W400	4000	2733	4719	5156	150	150	548	548	548	6	10	3800	4250	4750
	2W425	4250	2858	4969	5406	150	150	548	548	548	6	6	3600	4050	4550
	2W450	4500	2983	5219	5656	150	150	548	548	548	6	6	3400	3800	4250
	2W475	4750	3108	5469	5906	150	150	548	548	548	6	6	3000	3400	3780
	2W500	5000	3233	5719	6156	150	150	548	548	548	6	6	2800	3150	3500
	2F260	2610	2123	3398	3786	1341	995	569	569	569	6	10	4000	4500	5000
stage viewfull 2-	2F270	2710	2173	3498	3886	1391	1045	569	569	569	6	10	4000	4500	5000
	2F300	3000	2318	3788	4176	1536	1190	569	569	569	6	10	4000	4500	5000
	2F330	3300	2468	4088	4476	1686	1340	569	569	569	6	10	4000	4500	5000
	2F350	3500	2568	4288	4676	1786	1440	569	569	569	6	10	4000	4500	4950
	2F400	4000	2818	4788	5176	2036	1690	569	569	569	6	10	3750	3900	4650
	3F400	4000	2153	4758	5161	1371	1025	599	599	599	6	10	4000	4500	4750
wide viewfull 3-stage mast	3F435	4350	2268	5108	5511	1486	1140	599	599	599	6	6	3400	3750	4150
	3F450	4500	2318	5258	5661	1536	1190	599	599	599	6	6	3200	3600	4000
	3F480	4800	2418	5558	5961	1636	1290	599	599	599	6	6	3000	3350	3750
	3F500	5000	2483	5758	6161	1701	1355	599	599	599	6	6	2600	3150	3500
	3F550	5500	2653	6258	6661	1871	1525	599	599	599	3	6	2250	2550	2850
	3F600	6000	2818	6758	7161	2036	1690	599	599	599	3	6	1700	1950	2200

RATED CAPACITIES AND LOAD CENTERS GRAPH



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Option

Options	FB45/50
Lateral battery extraction device	•
Duplex mast	•
Duplex mast with full free lifting	•
Triplex mast	•
Chinese brand battery	•
Battery auto-filling system	•
High performance battery(Hoppecke /FAAM/ HAWKER)	•
Battery charger	•
Cold storage application	•
Other dimension forks	•
Side shifter	•
Other attachments	•
OPS	•
Different model seat	•
Alarm light	•
Blue spot light	•
Working light	•
Fire extinguisher	•
Camera	•
Side view mirror	•
Solid tyre/No marking solid tyre	•
Different backrest width	•
Air fan	•
Cabin/half cabin	•
Front window with wiper	•
Rear window with wiper	•
Other specification on demand	•
Drive-in-Racking application	•