

**FB25-AC motor TECHNOLOGY SPECIFICATION**

<b>Specifications</b>	1	Manufacturer			<b>TEU</b>
	2	Model			<b>FB25</b>
	3	Load capacity		kg	2500
	4	Load center		mm	500
	5	Power unit			Battery
	6	Operator type			Driver/seat
	7	Tire type	Front/rear		Pneumatic
	8	Wheel(x=driving)	Front/rear		2X/2
<b>Dimensions</b>	9	Max. lifting height		mm	3000
	10	Free lift		mm	160
	11	Fork size	L*W*T	mm	1070*122*40
	12	Tilt range	Mast forward/backward	deg	6/12
	13	Overall length(without fork)		mm	2285
	14	Total width		mm	1150
	15	Mast height (fork lowering)		mm	1995
	16	Overall height fork raised	With backrest	mm	4030
	17	Height to head guard		mm	2145
	18	Turning raduis(outside)		mm	2000
	19	Load distance		mm	445
	20	Min. right angle stacking aisle	not add load length&clearence	mm	2445
<b>Performance</b>	21	Speed	Max Travelling full load	km/h	13.5
			Max Travelling no load	km/h	14.5
			Lifting full load	mm/s	240
			Lifting no load	mm/s	450
	22	Gradeability	full load	%	12.5
<b>Weight</b>	23	Truck weight(with standard battery)		kg	3820
	24	Weight distribution	Full load	kg	5425/895
			No load	kg	1425/2395
<b>Chassis&amp;Wheels</b>	29	Tires	Number	front/rea	2/2
	30		Model	front	21*8-9-16PR
	31		Model	rear axle	18*7-8-14PR
	32	Wheelbase		mm	1400
	33	Tread	Front/rear	mm	955/950
	34	Ground clearence	At lowest point(mast)	mm	110
			Frame	mm	115
	35	Brake	Service brake		Hydraulic-foot pedal
Parking brak				Mechanical-hand	
<b>Drive Line</b>	36	Battery	Voltage/capacity		48V-565
			Weight with box	kg	945
	38	Electric motor	Driving motor	kw/60mi	8
			Hydraulic driving motor	kw/5min	8.6
	40	Control type	Electric driving	Driving AC , lifting DC	
	41	Operating pressure		kg/cm <sup>2</sup>	175