

**FB40 TECHNOLOGY SPECIFICATION**

<b>Specifications</b>	1	Manufacturer			<b>TEU</b>	
	2	Model			<b>FB40</b>	
	3	Load capacity		kg	4000	
	4	Load center		mm	500	
	5	Power unit			Battery	
	6	Operator type			Driver/seat	
	7	Tire type	Front/rear			Pneumatic/Solid
	8	Wheel(x=driving)	Front/rear			2X/2
<b>Dimensions</b>	9	Max. lifting height		mm	3000	
	10	Free lift		mm	165	
	11	Fork size	L*W*T	mm	1070*150*50	
	12	Tilt range	Mast forward/backward	deg	6/12	
	13	Overall length(without fork)		mm	2775	
	14	Total width		mm	1380	
	15	Mast height (fork lowering)		mm	2150	
	16	Overall height fork raised	With backrest	mm	4250	
	17	Height to head guard		mm	2425	
	18	Turning raduis(outside)		mm	2500	
	19	Load distance		mm	485	
	20	Min. right angle stacking	not add load length&clearence	mm	2985	
<b>Performance</b>	21	Speed	Max Travelling full load	km/h	12	
			Max Travelling no load	km/h	14	
			Lifting full load	mm/s	220	
			Lifting no load	mm/s	410	
	22	Gradeability	full load	%	12.5	
<b>Weight</b>	23	Truck weight(with standard battery)		kg	5400	
	24	Weight distribution	Full load front/rear	kg	7880/1520	
			No load front/rear	kg	2130/3270	
<b>Chassis&amp;Wheels</b>	29	Tires	Number	front/rear	2/2	
	30		Model	front axle	250-15-16PR	
	31			rear axle	18*7-8	
	32	Wheelbase		mm	1800	
	33	Tread	Front/rear	mm	1140/950	
	34	Ground clearence	At lowest point(mast)	mm	140	
			Frame	mm	130	
	35	Brake	Service brake		Hydraulic-foot pedal	
Parking brak				Mechanical-hand lever		
<b>Drive Line</b>	36	Battery	Voltage/capacity	V/AH/5hr	80V-550	
			Weight with box (standard)	kg	1430	
	38	Electric motor	AC Driving motor	kw	16.6	
			DC Hydraulic driving motor	kw	13	
	40		AC Hydraulic driving motor (as option)	kw	13.4	
	41	Control type			Driving AC , lifting DC Driving AC , lifting AC(as option )	
	42	Operating pressure		kg/cm <sup>2</sup>	175	