

FRB15/FRHB15 TECHNOLOGY SPECIFICATION

SPECIFICATION	1	Manufacturer				TEU	
	2	Model				FRB15	FRHB15
	3	Max.lift capacity			kg	1500	
	4	Load center			mm	500	
	5	Power unit				Battery	
	6	Operator type				Standing type	
	7	Tires type		fwd/bwd		Solid tire	
DIMENSIONS	8	Max.lift height			mm	3000	4000
	9	Free lift			mm	105	
	10	Fork size		L*W*H	mm	920*100*35	
	11	Tilt angle		fwd/bwd	deg	3/5	
	12	Total length without fork			mm	1710	1890
	13	Total width			mm	1090	
	14	Mast height (fork lowered)			mm	1995	2495
	15	Overall height fork raised			mm	3925	4925
	16	Height of head guard			mm	2260	
	17	Turning raduis (outside)			mm	1580	1760
	18	Distance from front wheel center to forks face			mm	165	170
	19	Right angle stacking aisle			mm	2470	2540
	20	Reach distance(mast)			mm	560	705
PERFORMANCE	21	Max. travelling speed fw/bw	full load	km/h	10.5		
			no load	km/h	11		
	22	Lifting speed	full load	mm/s	270		
			no load	mm/s	510		
	23	Lowering speed	full load	mm/s	450		
			no load	mm/s	550		
24	Gradeability	full load	%	10			
WEIGHTS	25	Truck weight(without battery)		kg	1735	1725	
	26	Weight Distribution (with standard battery)	full load	front	kg	2350	2150
				rear	kg	1375	1565
			no load	front	kg	710	670
				rear	kg	1515	1545
CHASSIS & WHEELS	27	Tires	Number	front/rear		2/1X+2 (X=drivenl)	
			Size	front,load		Φ254x120	
				rear,drive		Φ330x145	
				rear,steering		Φ178 x 73	
	28	Wheelbase		mm	1345	1525	
	29	Tread		front/rear	mm	970/635	
	30	Ground Clearence	at lowest point		mm	75	
			mast			75	
31	Brake	service brake			Mechanical		
		parking brake			Mechanical		
DRIVE LINE	32	Battery(standard)	Voltage/capacity	V/AH	48/280		
			Weight	kg	490		
	34	Electric motors	drive motor	kw/60min	4.6		
			hydraulic motor	kw/5min	8.2		
			steering motor	kw/60min	0.3		
	35	Control type	Driving motor		AC Converter		
Hydraulic motor				DC Chopper			
Steering motor				DC Chopper			
36	Operating Pressure		kg/cm2	140			