

FRB18/FRHB18 TECHNOLOGY SPECIFICATION

SPECIFICATION	1	Manufacturer				TEU	
	2	Model				FRB18	FRHB18
	3	Max.lift capacity			kg	1800	
	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	110	
	10	Fork size		L*W*H	mm	920*100*38	
	11	Tilt angle		fwd/bwd	deg	3/5	
	12	Total length without fork			mm	1895	1895
	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	1760	1760
	18	Distance from front wheel center to forks face			mm	170	170
	19	Right angle stacking aisle			mm	2550	2550
	20	Reach distance(mast)			mm	705	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	250	
			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	1825	1905
	26	Weight Distribution (with standard battery)	full load	front	kg	2465	2510
				rear	kg	1650	1685
			no load	front	kg	690	730
				rear	kg	1625	1665
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	1525	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		