

FRB18/FRHB18 TECHNOLOGY SPECIFICATION

SPECIFICATION	Manufacturer				TEU	
	Model				FRB18	FRHB18
	Max.lift capacity			kg	1800	
	Load center			mm	500	
	Power unit				Battery	
	Operator type				Standing type	
	Tires type		fwd/bwd		Solid tire	
	Wheels (X=driven)		fwd/bwd		2/1X+2	
DIMENSIONS	Max.lift height			mm	3000	4000
	Free lift			mm	110	
	Fork size		L*W*H	mm	920*100*38	
	Tilt angle		fwd/bwd	°	3/5	
	Width			mm	1090	
	Mast height (fork lowered)			mm	1995	2495
	Overall height guard			mm	2260	
	Turning raduis (outside)			mm	1760	
PERFORMANCE	Speed	Travelling speed	full load	km/h	10.5	
			no load	km/h	11	
		Lifting speed	full load	mm/s	270	
			no load	mm/s	510	
		Lowering speed	full load	mm/s	450	
			no load	mm/s	550	
Gradeability		full load	%	10		
WEIGHTS	Weight	without battery group		kg	1825	1905
	Weight Distribution	full load	front	kg	2465	2510
			rear	kg	1650	1685
		no load	front	kg	690	730
			rear	kg	1625	1665
CHASSIS & WHEELS	Tires	Number	front/rear		2/1x+2 (X+driving wheel)	
		Size	front, load		Φ254x120	
			rear, drive		Φ330x145	
			rear, steering		Φ178 x 73	
	Wheelbase			mm	1525	
	Tread	front		mm	970	
		rear		mm	635	
	Ground Clearence	wheelbase center		mm	75	
Brake system				Mechanical disc brake		
DRIVE LINE	Battery	Voltage/capacity (5 hours power)		V/AH	48/280	
		Weight		kg	490	
	Electric motors	driven motor (AC)		kw/60min	4.6	
		hydraulic motor (DC)		kw/5min	8.2	
		Power steering motor (DC)		kw/60min	0.3	
	Control type	Driving motor			AC Inverter	
		Hydraulic motor			DC Chopper	
Steering motor			DC Chopper			
Operating Pressure			kg/cm2	160		