

## FRB15/FRHB15 TECHNOLOGY SPECIFICATION

SPECIFICATION	Manufacturer				<b>TEU</b>	
	Model				FRB15	FRHB15
	Max.lift capacity			kg	1500	
	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	105	
	Fork size		L*W*H	mm	920*100*35	
	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	1580	1760	
PERFORMANCE	Speed	Travelling speed	full load	km/h	<b>10.5</b>	
			no load	km/h	<b>11</b>	
		Lifting speed	full load	mm/s	310	
			no load	mm/s	530	
		Lowering speed	full load	mm/s	450	
			no load	mm/s	550	
Gradeability		full load	%	<b>10</b>		
WEIGHTS	Weight	without battery group		kg	1735	1725
	Weight Distribution	full load	front	kg	2350	2150
			rear	kg	1375	1565
		no load	front	kg	710	670
			rear	kg	1515	1545
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	1345	1525
	Tread	front		mm	970	
		rear		mm	635	
Ground Clearance	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			<b>AC Inverter</b>	
		Hydraulic motor			<b>DC Chopper</b>	
Steering motor			<b>DC Chopper</b>			
Operating Pressure			kg/cm2	140		