

STANDARD SPECIFICATION

		Item	Summary	Unit		
Type	1	Model			FBR15	
	2	Capacity		kg	1500	
	3	Load center		mm	500	
	4	Motor type			AC	
Dimensions	5	Lift height		H ₃	mm	3000
	6	Free lift		H ₂	mm	400
	7	Tilt angle	Down/Up	d/u	deg	3/5
	8	Fork size	Length/Width/Thickness	l/b/s	mm	850/100/35
	9	Fork setting	Min./Max		mm	225 ~ 735
	10	Length	Overall length	L ₁	mm	2010
	11		Frame	L	mm	1705
	12		To fork face	L ₂	mm	1160
	13	Reach stroke		E	mm	590
	14	Overall width	Overall width	B	mm	1090
	15		Between legs		mm	750
	16		Frame		mm	1090
	17	Height	Leg		mm	275
	18		Mast lowered height	H ₁	mm	1995
	19		Mast extended height	H ₄	mm	3900
	20		Overhead guard height	H ₅	mm	2220
	21	Front overhang	Reach out	x	mm	185
	22	Floor height			mm	265
	23	Min. turning radius		Wa	mm	1580
	24	Right angle turning aisle width	1100×1100 pallet (incl. 200mm clearance)		mm	1855
25	Right angle stacking aisle width	1100×1100 pallet (incl. 200mm clearance)	Ast	mm	2670	
Performance	26	Travel speed	Laden/Unladen		km/h	9.5/10.5

Performance	27	Lift speed	Laden/Unladen		mm/s	310/540	
	28	Max. Gradeability	3 min. rating, 1.5km/h and over		%	10/14.3	
	29	Service weight	With standard battery		kg	3590	
Wheel and tire	30	Number of wheels	Load/Drive/Caster			2/1/2	
	31	Tyre	Load		mm	⁴ 254 x 114 (Urethane)	
	32		Drive		mm	⁴ 330 x 145 (Rubber)	
	33		Caster		mm	⁴ 178 x 73 (Rubber)	
	34	Wheelbase		y	mm	1335	
	35	Tread	Front		mm	975	
	36		Rear		mm	640	
	37	Road clearance	Center of wheelbase		mm	80	
	38	Service brake	Mech./Hydr./Electr./Pneum.				Mech.
	39	Parking brake	Foot/Hand/Deadman				Deadman
Drive unit and control	40	Battery	Voltage/Capacity (5hr. Rating)		V/Ah	48/290	
	41		Mass (w/case) (min/max)		kg	460 (450/750)	
	42	Drive motor	60 min. rating		kW	4.3	
	43		Control			AC	
	44	Hydraulic motor	5 min. rating		kW	8.8	
	45		Control			AC	
	46	Power steering motor	60 min. rating		kW	0.3	
	47		Control			DC	
	48	Charger (option)	Type (built-in/stationary)			Stationary	
	49		Charging method			Automatic	
	50		Input		⁴ V	3/(400/200)	
51	Capacity		kVA	4.7			