



FBR20

ELECTRIC REACH TRUCK

SPECIFICATIONS

CHARACTERISTIC	1.1	MODEL		FBR20
	1.2	POWER TYPE		ELECTRIC
	1.3	DRIVING MODE		SEATED
	1.4	RATED CAPACITY	KG	2000
	1.5	LOAD CENTRE	mm	600
	1.6	FRONT OVERHANG	mm	395/200
	1.7	WHEELBASE	mm	1500
WEIGHT	2.1	SERVICE WEIGHT (WITH BATTERY)	KG	4220
	2.2	AXLE LOAD, EMPTY LOAD, MAST RETRACTED (DRIVE WHEEL/SUPPORT WHEEL)	KG	2560/1660
	2.3	AXLE LOAD, FULL LOAD, MAST EXTENTION (DRIVE WHEEL/SUPPORT WHEEL)	KG	746/5474
	2.4	AXLE LOAD, FULL LOAD, MAST RETRACTED (DRIVE WHEEL/SUPPORT WHEEL)	KG	2270/3950
WHEELS	3.1	WHEEL MATERIAL		PU
	3.2	FRONT WHEEL SIZE (DRIVE WHEEL)		343x140
	3.3	REAR WHEEL SIZE (SUPPORT WHEEL)		330x110
	3.4	NUMBER OF WHEELS		1x/2
	3.5	REAR TRACK WIDTH		1160
DIMENSIONS	4.1	FORK INCLINATION	DEG	4°-2°
	4.2	MAST HEIGHT	mm	3900
	4.3	FREE LIFT HEIGHT	mm	3290
	4.4	LIFT HEIGHT	mm	9500
	4.5	MAXIMUM MAST EXTENSION	mm	10410
	4.6	OVERHEAD GUARD HEIGHT	mm	2200
	4.7	SEAT HEIGHT	mm	960
	4.8	OUTRIGGER HEIGHT	mm	270
	4.9	OVERALL LENGTH	mm	2488
	4.10	LENGTH TO FORK FACE	mm	1338
	4.11	OVERALL WIDTH	mm	1270
	4.12	FORK SIZE	mm	40/120/1150
	4.13	INSTALLATION GRADE FORK RACK		2/A
	4.14	FORK ADJUSTMENT WIDTH	mm	240-740/240-818
	4.15	INSIDE WIDTH OF OUTRIGGER	mm	900

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DIMENSIONS	4.16	REACH DISTANCE	mm	595
	4.17	MAST GROUND CLEARANCE	KG	90
	4.18	BODY GROUND CLEARANCE	mm	75
	4.19	AISLE WIDTH (1000x1200 ACROSS THE FORK)	KG	2840
	4.20	AISLE WIDTH (800x1200 PARALLEL TO FORK)	mm	2900
	4.21	TURNING RADIUS	KG	1750
	4.22	BODY LENGTH	mm	1900
PERFORMANCE	5.1	TRAVEL SPEED - FULL / EMPTY LOAD	KM/H	10.5/10.5
	5.2	LIFT SPEED - FULL / EMPTY LOAD	M/S	0.35/0.5
	5.3	LOWER SPEED - FULL / EMPTY LOAD	M/S	0.45/0.45
	5.4	REACH SPEED - FULL / EMPTY LOAD	M/S	0.1/0.1
	5.5	MAX. GRADIENT - FULL / EMPTY LOAD (5 MIN.)	%	10/15
	5.6	SERVICE BRAKE		HYDRAULIC / ELECTRIC
MOTOR	6.1	DRIVE MOTOR POWER	KW	6.4
	6.2	LIFTING MOTOR POWER	KW	12.5
	6.3	BATTERY VOLTAGE / CAPACITY	V/Ah	48/560
	6.4	BATTERY WEIGHT	KG	950
OTHER	7.1	DRIVE CONTROL TYPE		AC
	7.2	NOISE LEVEL	dB(A)	68

SPECIFICATIONS

3 STAGES FULL FREE MAST PARAMETER					
MODEL	LIFT HEIGHT H3 (mm)	FREE LIFT HEIGHT H2 (mm)	MAST LOWERED HEIGHT H1 (mm)	MAX. HEIGHT CAPACITY (KG)	TILT AB (°)
16M450	4500	2235	2235	1600	4°/-2°
16M500	5000	2400	2400	1600	4°/-2°
16M550	5500	2568	2568	1600	4°/-2°
16M600	6000	2735	2735	1600	4°/-2°
16M650	6500	2900	2900	1500	4°/-2°
16M700	7000	3068	3068	1400	4°/-2°
16M750	7500	3234	3234	1200	4°/-2°
16M800	8000	3400	3400	1000	4°/-2°
16M850	8500	3567	3567	900	4°/-2°
16M900	9000	3734	3734	800	4°/-2°
16M950	9500	3900	3900	600	4°/-2°
20M450	4500	2235	2235	2000	4°/-2°
20M500	5000	2400	2400	2000	4°/-2°
20M550	5500	2568	2568	2000	4°/-2°
20M600	6000	2735	2735	2000	4°/-2°
20M650	6500	2900	2900	1900	4°/-2°
20M700	7000	3068	3068	1800	4°/-2°
20M750	7500	3234	3234	1600	4°/-2°
20M800	8000	3400	3400	1400	4°/-2°
20M850	8500	3567	3567	1200	4°/-2°
20M900	9000	3734	3734	1000	4°/-2°
20M950	9500	3900	3900	800	4°/-2°
20M1000	10000	4067	4067	900	4°/-2°
20M1050	10500	4234	4234	800	4°/-2°
20M1100	11000	4400	4400	700	4°/-2°
20M1150	11500	4567	4567	600	4°/-2°
20M1200	12000	4733	4733	550	4°/-2°
20M1250	12500	4900	4900	500	4°/-2°