

# Thông số kỹ thuật

Model		FBR10-MC	FBR13-MC	FBR15-MC	FBR18-MC	FBR20-MC	FBR15-MCE	FBR20-MCE	
Power		Battery							
Operation		Stand-on	Stand-on	Stand-on	Stand-on	Stand-on	Sitted-on	Sitted-on	
Rated load capacity	Q(kg)	1000	1300	1500	1800	2000	1500	2000	
Rated lift height	h3(mm)	3000							
Load centre	C(mm)	500							
Fork carriage tilt (Forward/Backward)	$\alpha/\beta$ (Deg)	3°/5°							
Travel speed (Laden/Unladen)	km/h	7.7/8.0	7.5/7.8	9.5/10.0	9.2/10.0	9.0/10.3	8.5/9.0	8.5/9.0	
Lifting speed(Laden)	mm/s	160	160	230	220	230	250	240	
Max. gradeability(Laden)	%	>12	>12	>12	>12	>10	>15	>15	
Min. turning radius	Wa(mm)	1420	1620	1725	1735	1775	1690	1775	
Reach distance	X(mm)	520	720	600	600	645	550	650	
Wheelbase	Y(mm)	1160	1360	1470	1470	1520	550	1500	
Service brake		Mech	Mech	Mech	Mech	Mech	Hyd	Hyd	
Overall width	l1(mm)	2115	2125	2340	2350	2350	2385	2400	
Main body length	l2(mm)	1045	1055	1270	1280	1280	1315	1330	
Overall width	b1(mm)	1045	1045	1200	1216	1216	1255	1266	
Height of mast,lowered	h1(mm)	2080	2080	2085	2085	2085	2080	2080	
Free lift height	h2(mm)	330							
Height of mast,extended	h4(mm)	3915	3915	4000	4000	4000	4000	4000	
Height of overhead guard	h5(mm)	2210	2210	2260	2260	2260	2100	2100	
Fork dimensions(TxWxL)	mm	35x100x1070	35x100x1072	35x122x1070	40x122x1070	40x122x1072	35x122x1070	40x122x1070	
Min. ground clearance	h6(mm)	80							
Asile width with pallet (1200x1200)	Ast1(mm)	2660	2710	2910	2920	2920	2945	2960	
Asile width with pallet (1000x1000)	Ast2(mm)	2440	2495	2690	2700	2700	2725	2750	
Service weight	kg	2050	2150	2670	2700	2725	2850	3000	
Driven motor	Kw	2.2	2.2	3.7	3.7	3.7	5.3	5.3	
Lift motor	Kw	3.0	3.0	8.2	8.2	8.2	8.2	8.6	
Battery: Voltage/capacity (5h)standard (option)	(V/Ah)	24/450 *24/490	24/450 *24/490	48/420 *48/500	48/420 *48/500	48/420 *48/500	48/480 *48/500	48/480 *48/500	
Tyres		Polyurethane tyre							
Size of front tyre	mm	Φ250x70	Φ250x70	Φ250x120	Φ250x120	Φ250x120	Φ285x108	Φ343x108	
Size of rear tyre	mm	Φ381x130					Φ343x132		
Size of balancing tyre	mm	Φ178x75							
Track width(front)	mm	975	975	1070	1070	1070	1110	1125	
Track width(rear)	mm	490	490	580	580	580	580	580	

Turing system		Hyd							
Speed control system		Curtis							
Model		FBR10-MJZ	FBR13-MJZ	FBR15-MJZ	FBR18-MJZ	FBR20-MJZ	FBR15-MJZE	FBR20-MJZE	
Power		Battery							
Operation		Stand-on	Stand-on	Stand-on	Stand-on	Stand-on	Sitted-on	Sitted-on	
Rated load capacity	Q(kg)	1000	1300	1500	1800	2000	1500	2000	
Rated lift height	h3(mm)	3000							
Load centre	C(mm)	500							
Fork carriage tilt (Forward/Backward)	$\alpha/\beta$ (Deg)	3°/5°							
Travel speed (Laden/Unladen)	km/h	8.0/8.5	8/8.5	8.8/9.3	8.5/9.3	9.1/9.0	8.8/9.0	8.8/9.0	
Lifting speed(Laden)	mm/s	175	175	240	230	220	260	280	
Max. gradeability(Laden)	%	>12	>12	>12	>12	>10	>15	>15	
Min. turning radius	Wa(mm)	1420	1620	1725	1735	1775	1690	1775	
Reach distance	X(mm)	520	720	600	600	645	550	650	
Wheelbase	Y(mm)	1160	1360	1470	1470	1520	1425	1500	
Service brake		Elec	Elec	Elec	Elec	Elec	Hyd	Hyd	
Overall width	l1(mm)	2115	2125	2340	2350	2350	2385	2400	
Main body length	l2(mm)	1045	1055	1270	1280	1280	1315	1330	
Overall width	b1(mm)	1045	1045	1200	1216	1216	1255	1266	
Height of mast,lowered	h1(mm)	2080	2080	2085	2085	2085	2080	2080	
Free lift height	h2(mm)	330							
Height of mast,extended	h4(mm)	3915	3915	4000	4000	4000	4000	4000	
Height of overhead guard	h5(mm)	2210	2210	2260	2260	2260	2100	2100	
Fork dimensions(TxWxL)	mm	35x100x1071	35x100x1073	35x122x1071	40x122x1071	40x122x1073	35x122x1071	40x122x1071	
Min. ground clearance	h6(mm)	80							
Asile width with pallet (1200x1200)	Ast1(mm)	2660	2710	2910	2920	2920	2945	2960	
Asile width with pallet (1000x1000)	Ast2(mm)	2440	2495	2690	2700	2700	2725	2750	
Service weight	kg	2050	2150	2670	2700	2725	2850	3000	
Driven motor	Kw	2.2	2.2	4.5	4.5	4.5	4.5	4.5	
Lift motor	Kw	3.5	3.5	9.2	9.2	9.2	9.2	11	
Battery: Voltage/capacity (5h)standard (option)	(V/Ah)	48/210 *48/225	48/210 *48/225	48/420 *48/500	48/420 *48/500	48/420 *48/500	48/480 *48/500	48/480 *48/500	
Tyres		Polyurethane tyre							
Size of front tyre	mm	Φ250x70	Φ250x70	Φ250x120	Φ250x120	Φ250x120	Φ250x120	Φ250x120	
Size of rear tyre	mm	Φ381x130					Φ343x132		
Size of balancing tyre	mm	Φ178x75							
Track width(front)	mm	975	975	1070	1070	1070	1110	1125	
Track width(rear)	mm	490	490	580	580	580	580	580	

Turing system		Hyd
Speed control system		ZAPI