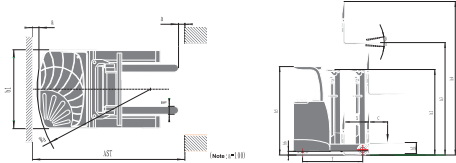


M series 1.0-2.0t reach truck

	1	Model	FBR10-MJZ	FBR13-MJZ	FBR15-MJZ	FBR18-MJZ	FBR20-MJZ	FBR15-MJZE	FBR20-MJZE	FBR10-MC	FBR13-MC	FBR15-MC	FBR18-MC	FBR20-MC	FBR15-MCE	FBR20-MCE	
Performance	2	Speed control system	ZAPI AC														
	3	Power	Battery	Battery	Battery	Battery	Battery	Battery	Battery	Battery	Battery	Battery	Battery	Battery	Battery	Battery	Battery
	4	Operation	Stand-on	Stand-on	Stand-on	Stand-on	Stand-on	Sitted-on	Sitted-on	Stand-on	Stand-on	Stand-on	Stand-on	Stand-on	Stand-on	Sitted-on	Sitted-on
	5	Rated load capacity	Q(kg)	1000	1300	1500	1800	2000	1500	2000	1000	1300	1500	1800	2000	1500	2000
	6	Rated lift height	h3(mm)	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
	7	Load centre	C(mm)	500	500	500	500	500	500	500	500	500	500	500	500	500	500
	8	Fork carriage tilt (Forward/Backward)	αβ(Deg)	3°/5°	3°/5°	3°/5°	3°/5°	3°/5°	3°/5°	3°/5°	3°/5°	3°/5°	3°/5°	3°/5°	3°/5°	3°/5°	3°/5°
	9	Travel speed (Laden/Unladen)	km/h	8.0/8.5	8.0/8.5	8.8/9.3	8.5/9.3	9.1/9.0	8.8/9.0	8.8/9.0	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
	10	Lifting speed(Laden)	mm/s	175	175	240	230	220	280	280	160	160	230	220	230	250	240
	11	Max. gradeability(Laden)	%	>12	>12	>12	>12	>10	>15	>15	>12	>12	>12	>12	>10	>15	>15
	12	Min. turning radius	Wα(mm)	1420	1620	1725	1735	1775	1690	1775	1420	1620	1725	1735	1775	1690	1775
	13	Reach distance	X(mm)	520	720	600	600	645	550	650	520	720	600	600	645	550	650
	14	Wheelbase	Y(mm)	1160	1360	1470	1470	1520	1425	1500	1160	1360	1470	1470	1520	1425	1500
	15	Service brake		Elec	Elec	Elec	Elec	Elec	Hyd	Hyd	Mech	Mech	Mech	Mech	Mech	Hyd	Hyd
	Dimension and weight	16	Overall width	l1(mm)	2115	2125	2340	2350	2350	2385	2400	2115	2125	2340	2350	2350	2385
17		Main body length	l2(mm)	1945	1955	1270	1280	1280	1315	1330	1945	1955	1270	1280	1280	1315	1330
18		Overall width	b1(mm)	1045	1045	1200	1216	1216	1255	1266	1045	1045	1200	1216	1216	1255	1266
19		Height of mast lowered	h1(mm)	2080	2080	2090	2090	2090	2080	2080	2080	2080	2090	2090	2090	2080	2080
20		Free lift height	h2(mm)	330	330	330	330	330	330	330	330	330	330	330	330	330	330
21		Height of mast extended	h4(mm)	3927	3927	3927	3927	3927	3927	3927	3927	3927	3927	3927	3927	3927	3927
22		Height of overhead guard	h5(mm)	2210	2210	2260	2260	2260	2100	2100	2210	2210	2260	2260	2260	2100	2100
23		Fork dimensions (L*W*H)	mm	1070*100*35	1070*100*35	1070*122*35	1070*122*40	1070*122*40	1070*122*35	1070*122*40	1070*100*35	1070*100*35	1070*122*35	1070*122*40	1070*122*40	1070*122*35	1070*122*40
24		Min. ground clearance	h6(mm)	80	80	80	80	80	80	80	80	80	80	80	80	80	80
25		Asile width with pallet (1200*1200)	As1(mm)	2660	2710	2910	2920	2920	2945	2960	2660	2710	2910	2920	2920	2945	2960
26		Asile width with pallet (1000*1000)	As2(mm)	2440	2495	2690	2700	2700	2725	2750	2440	2495	2690	2700	2700	2725	2750
27		Self weight	kg	2050	2150	2670	2700	2725	2850	3000	2050	2150	2670	2700	2725	2850	3000
Driven	28	Driven motor	Kw	2.2	2.2	4.5	4.5	4.5	4.5	2.2	2.2	3.7	3.7	3.7	5.3	5.3	
	29	Lift motor	Kw	3.5	3.5	9.2	9.2	9.2	9.2	11	3.0	3.0	8.2	8.2	8.2	8.6	
	30	Battery Voltage/capacity (V/Ah)	(V/Ah)	48/210	48/210	48/420	48/480	48/480	48/480	48/480	24/450	24/450	48/420	48/480	48/480	48/480	48/480
Tyres	31	Tyres	Polyurethane tyre	Polyurethane tyre	Polyurethane tyre	Polyurethane tyre	Polyurethane tyre	Polyurethane tyre	Polyurethane tyre	Polyurethane tyre	Polyurethane tyre	Polyurethane tyre	Polyurethane tyre	Polyurethane tyre	Polyurethane tyre	Polyurethane tyre	
	32	Size of front tyre	mm	Φ250*70	Φ250*70	Φ250*120	Φ250*120	Φ250*120	Φ285*108	Φ343*108	Φ250*70	Φ250*70	Φ250*120	Φ250*120	Φ250*120	Φ285*108	Φ343*108
	33	Size of rear tyre	mm	Φ381*130	Φ381*130	Φ381*130	Φ381*130	Φ381*130	Φ343*132	Φ343*132	Φ381*130	Φ381*130	Φ381*130	Φ381*130	Φ381*130	Φ343*132	Φ343*132
	34	Size of balancing tyre	mm	Φ178*75	Φ178*75	Φ178*75	Φ178*75	Φ178*75	-	-	Φ178*75	Φ178*75	Φ178*75	Φ178*75	Φ178*75	-	-
	35	Track width(front)	mm	975	975	1070	1070	1070	1110	1125	975	975	1070	1070	1070	1110	1125
36	Track width(rear)	mm	490	490	580	580	580	-	-	490	490	580	580	580	-	-	
37	Tuning system		Hyd	Hyd	Hyd	Hyd	Hyd	Hyd	Hyd	Hyd	Hyd	Hyd	Hyd	Hyd	Hyd	Hyd	

M Series 1.0-2.0t Reach truck mast

Type	Model	Max. fork height	Overall height						Extended height		Free lift										Front overhang					Capacity					
			Lowered					Without backrest	With backrest	Without backrest					With backrest					1t		1.5t		1.8t		2t					
			1t	1.3t	1.5t	1.8t	2t	mm	mm	1t	1.3t	1.5t	1.8t	2t	1t	1.3t	1.5t	1.8t	2t	1t	1.3t	1.5t	1.8t	2t	1t	1.3t	1.5t	1.8t	2t		
			mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
Wide view 2-stage mast	RM300	3000	2980	2960	2950	2930	2910	3940	3927	330	330	330	330	330	330	330	330	330	330	330	171	177	172	171	171	1000	1300	1500	1800	2000	
	RM360	3600	2980	2960	2950	2930	2910	4245	4227	330	330	330	330	330	330	330	330	330	330	330	171	177	172	171	171	1000	1300	1500	1800	2000	
	RM380	3800	2980	2960	2950	2930	2910	4445	4427	330	330	330	330	330	330	330	330	330	330	330	171	177	172	171	171	1000	1300	1500	1800	2000	
	RM400	4000	2980	2960	2950	2930	2910	4645	4627	330	330	330	330	330	330	330	330	330	330	330	171	177	172	171	171	1000	1300	1500	1800	2000	
	RM420	4200	2980	2960	2950	2930	2910	4845	4827	330	330	330	330	330	330	330	330	330	330	330	171	177	172	171	171	1000	1300	1500	1800	2000	
	RM450	4500	2980	2960	2950	2930	2910	5145	5127	330	330	330	330	330	330	330	330	330	330	330	330	171	177	172	171	171	850	1050	1300	1500	1700
	RM480	4800	3030	3040	3040	3040	3040	5445	5427	330	330	330	330	330	330	330	330	330	330	330	330	171	177	172	171	171	750	900	1200	1350	1550
	RM500	5000	3130	3140	3140	3140	3140	5645	5627	330	330	330	330	330	330	330	330	330	330	330	330	171	177	172	171	171	650	800	1100	1250	1450
	RM550	5500	---	---	---	3440	3440	3440	---	---	330	330	330	330	330	330	330	330	330	330	330	171	177	172	171	171	---	---	1000	1150	1250
	RM600	6000	---	---	---	3690	3690	3690	---	---	330	330	330	330	330	330	330	330	330	330	330	171	177	172	171	171	---	---	800	950	1000
Full free 3-stage mast	RTFM400	4000	1965	1965	1965	1965	1965	4635	4915	1055	1055	1055	1055	1055	1055	1055	1055	1055	1055	205	205	188	182	182	1000	1250	1400	1700	1900		
	RTFM420	4200	2035	2035	2035	2035	2035	4835	5115	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	205	205	188	182	182	900	1150	1300	1600	1800		
	RTFM450	4500	2135	2135	2135	2135	2135	5135	5415	1220	1220	1220	1220	1220	1220	1220	1220	1220	1220	205	205	188	182	182	820	1050	1200	1500	1650		
	RTFM460	4600	2165	2165	2165	2165	2165	5235	5515	1250	1250	1250	1250	1250	1250	1250	1250	1250	1250	205	205	188	182	182	800	1000	1150	1465	1600		
	RTFM480	4800	2235	2235	2235	2235	2235	5435	5715	1315	1315	1315	1315	1315	1315	1315	1315	1315	1315	205	205	188	182	182	750	900	1100	1400	1500		
	RTFM500	5000	2300	2300	2300	2300	2300	5635	5915	1385	1385	1385	1385	1385	1385	1385	1385	1385	1385	205	205	188	182	182	700	800	1150	1300	1400		
	RTFM520	5200	2365	2365	2365	2365	2365	5835	6115	1450	1450	1450	1450	1450	1450	1450	1450	1450	1450	205	205	188	182	182	650	750	1100	1260	1360		
	RTFM560	5600	2500	2500	2500	2500	2500	6235	6515	1585	1585	1585	1585	1585	1585	1585	1585	1585	1585	205	205	188	182	182	600	700	1050	1200	1300		
	RTFM600	6000	2635	2635	2635	2635	2635	6635	6915	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	205	205	188	182	182	500	600	1000	1100	1200		
	RTFM610	6100	---	---	---	2665	2665	2665	---	---	---	---	---	---	1755	1755	1755	---	---	---	---	---	---	---	---	---	---	---	880	1085	1185
	RTFM620	6200	---	---	---	2700	2700	2700	---	---	---	---	---	---	1790	1790	1790	---	---	---	---	---	---	---	---	---	---	---	950	1085	1185
	RTFM640	6400	---	---	---	2765	2765	2765	---	---	---	---	---	---	1855	1855	1855	---	---	---	---	---	---	---	---	---	---	---	800	1030	1130
	RTFM660	6600	---	---	---	2835	2835	2835	---	---	---	---	---	---	1920	1920	1920	---	---	---	---	---	---	---	---	---	---	---	850	1000	1100
	RTFM700	7000	---	---	---	2965	2965	2965	---	---	---	---	---	---	2055	2055	2055	---	---	---	---	---	---	---	---	---	---	---	750	800	1000
	RTFM720	7200	---	---	---	3035	3035	3035	---	---	---	---	---	---	2120	2120	2120	---	---	---	---	---	---	---	---	---	---	---	700	800	900
	RTFM750	7500	---	---	---	3135	3135	3135	---	---	---	---	---	---	2220	2220	2220	---	---	---	---	---	---	---	---	---	---	---	650	700	750
RTFM800	8000	---	---	---	3300	3300	3300	---	---	---	---	---	---	2385	2385	2385	---	---	---	---	---	---	---	---	---	---	---	550	600	650	
RTFM820	8200	---	---	---	3365	3365	3365	---	---	---	---	---	---	2450	2450	2450	---	---	---	---	---	---	---	---	---	---	---	500	550	600	



M Series
1.0-2.0ton
Reach truck