

**TECHNICAL DATA SHEET**  
**4-WHEEL FORKLIFT**  
**INDUSTRIAL USE**



## 1.5 TON MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Mast Name	Max. Fork Height (mm)	Load Capacity (kg)		Overall Height (mm)			Free Lift (mm)		Tilt Angle	Total Weight (kg)		
			Load Center (500mm)		Lowered	Extended		Without Backrest	With Backrest		1.5t	1.5t	
						Without Backrest	With Backrest						
2-Stage Wide View Mast	BM300	3000	1500	2025	3675	4055	100	100	6-12	3060			
	BM330	3300	1500	2175	3875	4355	100	100	6-12	3075			
	BM350	3500	1500	2275	4075	4555	100	100	6-12	3085			
	BM400	4000	1500	2575	4575	5055	100	100	6-6	3110			
	BM430	4300	1300	2725	4875	5355	100	100	6-6	3120			
	BM450	4500	1250	2825	5075	5555	100	100	6-6	3130			
	BM470	4700	1100	2925	5275	5755	100	100	6-6	3140			
	BM500	5000	950	3125	5575	6055	100	100	6-6	3170			
	BM550	5500	800	3375	6075	6555	100	100	3-6	3195			
	BM600	6000	500	3625	6575	7055	100	100	3-6	3220			
2-Stage Full Free Wide View Mast	BFM300	3000	1500	2025	3570	4050	1460	980	6-12	3135			
	BFM330	3300	1500	2175	3920	4400	1610	1130	6-12	3150			
	BFM350	3500	1500	2275	4070	4550	1710	1230	6-12	3160			
	BFM400	4000	1500	2625	4570	5050	2000	1580	6-6	3185			
	BTFM400	4000	1500	1925	4570	5035	1300	900	6-6	3225			
	BTFM430	4300	1250	2025	4870	5335	1400	1000	6-6	3245			
	BTFM450	4500	1200	2075	5070	5535	1500	1050	6-6	3260			
	BTFM470	4700	1180	2125	5270	5735	1565	1100	6-6	3275			
	BTFM500	5000	900	2225	5570	6035	1665	1200	6-6	3300			
	BTFM550	5500	800	2425	6070	6535	1800	1400	3-6	3340			
BTFM600	6000	600	2625	6570	7035	2000	1600	3-6	3390				

Note: With Separated Side shifter, load capacity subtract 150Kg; With Integrated side shifter, load capacity subtract 50Kg.

## 2.0-2.5 TON MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Mast Name	Max. Fork Height (mm)	Load Capacity (kg)		Lowered	Overall Height (mm)		Free Lift (mm)		Tilt Angle	Total Weight (kg)	
			Load Center (500mm)			Without Backrest	With Backrest	Without Backrest	With Backrest		2.0t / 2.5t	
			2.0t	2.5t							2.0t	2.5t
2-Stage Wide View Mast	BM300	3000	2000	2500	2055	3680	4070	100	100	6-12	4160	4420
	BM330	3300	2000	2500	2205	3880	4370	100	100	6-12	4185	4445
	BM350	3500	2000	2500	2305	4080	4570	100	100	6-12	4200	4460
	BM400	4000	2000	2400	2605	4580	5070	100	100	6-6	4240	4500
	BM430	4300	1850	2250	2755	4880	5370	100	100	6-6	4265	4525
	BM450	4500	1800	2150	2855	5080	5570	100	100	6-6	4280	4540
	BM470	4700	1700	1900	2955	5280	5770	100	100	6-6	4300	4560
	BM500	5000	1600	1600	3155	5580	6070	100	100	6-6	4330	4590
	BM550	5500	1500	1500	3405	6080	6570	100	100	3-6	4370	4630
	BM600	6000	950	950	3655	6580	7070	100	100	3-6	4410	4670
2-Stage Full Free Wide View Mast	BFM300	3000	2000	2500	2070	3605	4080	1470	1007	6-12	4200	4460
	BFM330	3300	2000	2500	2220	3955	4418	1620	1157	6-12	4225	4485
	BFM350	3500	2000	2500	2320	4105	4568	1720	1257	6-12	4240	4500
	BFM400	4000	2000	2400	2670	4605	5068	2000	1607	6-6	4280	4540
	BTFM400	4000	1900	2490	1945	4907	5070	1300	885	6-6	4310	4570
	BTFM430	4300	1850	2200	2045	4907	5370	1400	985	6-6	4340	4600
	BTFM450	4500	1750	2100	2095	5107	5570	1498	1035	6-6	4360	4620
	BTFM470	4700	1720	2000	2145	5307	5770	1548	1085	6-6	4380	4640
	BTFM500	5000	1600	1800	2245	5607	6070	1648	1185	6-6	4410	4670
	BTFM550	5500	1500	1500	2445	6107	6570	1800	1385	3-6	4460	4720
3-Stage Full Free Wide View Mast	BTFM600	6000	950	950	2645	6607	7070	2000	1585	3-6	4530	4790
	BTFM650	6500	600	600	2895	7107	7570	2200	1835	3-6	4580	4840
	BTFM700	7000	400	400	3095	7607	8070	2300	2035	3-6	4630	4890

Note: With Separated Side shifter, load capacity subtract 200Kg; With Integrated side shifter, load capacity subtract 50Kg.

## 3.0-3.5 TON MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Mast Name	Max. Fork Height (mm)	Load Capacity (kg)		Lowered	Overall Height (mm)		Free Lift (mm)		Tilt Angle	Total Weight (kg)	
			Load Center (500mm)			Without Backrest	With Backrest	Without Backrest	With Backrest		3.0t / 3.5t	
			3.0t	3.5t							3.0t	3.5t
2-Stage Wide View Mast	BM300	3000	3000	3500	2070	3695	4070	100	100	6-12	5160	5420
	BM330	3300	3000	3500	2220	3895	4370	100	100	6-12	5185	5445
	BM350	3500	3000	3500	2320	4095	4570	100	100	6-12	5200	5460
	BM400	4000	3000	3500	2620	4595	5070	100	100	6-6	5240	5500
	BM430	4300	2800	3300	2770	4895	5370	100	100	6-6	5265	5525
	BM450	4500	2700	3200	2870	5095	5570	100	100	6-6	5280	5540
	BM470	4700	2500	3000	2970	5295	5770	100	100	6-6	5300	5560
	BM500	5000	2200	2700	3170	5595	6070	100	100	6-6	5330	5590
	BM550	5500	2000	2500	3420	6095	6570	100	100	3-6	5370	5630
	BM600	6000	1300	1800	3670	6595	7070	100	100	3-6	5410	5670
2-Stage Full Free Wide View Mast	BFM300	3000	3000	3500	2070	3590	4065	1382	907	6-12	5220	5480
	BFM330	3300	3000	3500	2220	3940	4415	1532	1057	6-12	5245	5505
	BFM350	3500	3000	3500	2320	4090	4565	1632	1157	6-12	5260	5520
	BFM400	4000	3000	3500	2670	4590	5065	1982	1507	6-6	5300	5560
	BTFM400	4000	2800	3300	1960	4700	5175	1272	797	6-6	5330	5590
	BTFM430	4300	2700	3200	2060	5000	5475	1372	897	6-6	5360	5620
	BTFM450	4500	2600	3100	2110	5200	5675	1422	947	6-6	5380	5640
	BTFM470	4700	2500	3000	2160	5400	5875	1472	997	6-6	5400	5660
	BTFM500	5000	2100	2800	2260	5700	6175	1572	1097	6-6	5430	5690
	BTFM550	5500	2000	2500	2460	6200	6675	1772	1297	3-6	5480	5740
3-Stage Full Free Wide View Mast	BTFM600	6000	1300	1800	2660	6700	7175	1972	1497	3-6	5550	5810
	BTFM650	6500	900	1400	2910	7200	7675	2172	1697	3-6	5600	5860
	BTFM700	7000	700	1200	3110	7700	8175	2300	1947	3-6	5650	5910

Note: With Separated Side shifter, load capacity subtract 200Kg; With Integrated side shifter, load capacity subtract 50Kg.

# 1.5-3.5 Ton 4-Wheel Electric Forklift

## MAIN SPECIFICATIONS

Specification	1 Model	FB15-FAZ1/FAC1	FB20-FAZ1/FAC1	FB25-FAZ1/FAC1	FB30-FAZ1/FAC1	FB35-FAZ1/FAC1	
		2 Rated Load Capacity	Q(kg)	1500	2000	2500	3000
3 Load Centre	C(mm)	500	500	500	500	500	
4 Lift Height	H3(mm)	3000	3000	3000	3000	3000	
5 Free Lift	H2(mm)	100	100	100	100	100	
6 Fork Size (L×W×T)	L/W/T(mm)	920×120×35	1070×120×40	1070×120×40	1070×125×45	1070×125×50	
7 F/B(α'/β')	Deg	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	
Dimensions	8 Length (To Fork Face)	L1(mm)	2150	2380	2380	2475	2535
	9 Width	B1(mm)	1090	1150	1150	1225	1225
	10 Mast Lowered Height	H1(mm)	2025	2055	2055	2070	2070
	11 Mast Extended Height (With Backrest)	H4(mm)	4055	4070	4070	4070	4070
	12 Overhead Guard Height	H5(mm)	2125	2125	2125	2125	2125
	13 Turning Radius	Wa(mm)	1995	2080	2080	2215	2280
	14 Fork Overhang (Wheel Center to Fork Face)	X(mm)	409	478	478	485	485
	15 Front Tread	B2(mm)	890	970	970	1000	1000
	16 Rear Tread	B3(mm)	920	950	950	980	980
	17 Ground Clearance	H6(mm)	110	120	120	130	130
	18 Wheelbase	Y(mm)	1380	1500	1500	1600	1600
19 Fork Spread (Min/Max)	mm	240/970	250/1040	250/1040	250/1100	250/1100	
20 Working Aisle Width With Pallet (1000×1200,1200 Lengthways)	Ast(mm)	3605	3830	3830	3970	4035	
21 Working Aisle Width With Pallet (800×1200,800 Lengthways)	Ast(mm)	3805	3960	3960	4100	4165	
Performance	22 Travel Speed (Full Load)	km/h	12	12	12	12	12
	23 Travel Speed (No Load)	km/h	13	13	13	13	13
	24 Lifting Speed (Full Load)	mm/s	280	300	300	280	280
	25 Lifting Speed (No Load)	mm/s	380	420	420	440	440
	26 Max.Gradeability (Full Load)	%	18	18	18	16	12
	27 Total Weight (Include Battery Box)	kg	3060	4160	4420	5160	5420
	28 Tyre (Front x 2)		6.50-10-10PR	7.00-12-12PR	7.00-12-12PR	28×9-15-12PR	28×9-15-12PR
29 Tyre (Rear x 2)		5.00-8-8PR	18×7-8-14PR	18×7-8-14PR	18×7-8-14PR	18×7-8-14PR	
Drive	30 Diver Motor	kw	7.5/6.5	11/9	11/9	12/15	12/15
	31 Pump Motor	kw	9.2/11	11/11	11/11	12/24	12/24
	32 Battery (Standard)	V/Ah	48/450	48/620	48/620	80/500	80/500
	33 Controller Type		AC	AC	AC	AC	AC
	34 Controller Manufacturer		ZAPI/CURTIS	ZAPI/CURTIS	ZAPI/CURTIS	ZAPI/CURTIS	ZAPI/CURTIS
	35 Operating Pressure	Mpa	14.5	17.5	17.5	17.5	17.5

