



## 3-Wheel Electric Forklift Truck

capacity 1,300 to 2,000kg

### MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Mast Name	Max. Fork Height (mm)	Load Capacity (Load Centre 500mm) (kg)				Overall Height (mm)			Free Lift (mm)		Tilt Angle (F/R)	Total Weight (kg)			
							Lowered	Extended		Without Backrest	With Backrest					
			1.3t	1.6t	1.8t	2.0t		1.3t/1.6t/1.8t/2.0t	Without Backrest				With Backrest	1.3t	1.6t	1.8t
Wide View Mast	SM200	2000	1300	1600	1800	2000	1585	2645	3170	100	100	6-6	2745	3022	3105	3260
	SM250	2500	1300	1600	1800	2000	1835	3045	3570	100	100	6-6	2795	3072	3155	3310
	SM270	2700	1300	1600	1800	2000	1935	3245	3770	100	100	6-6	2805	3085	3165	3325
	SM300	3000	1300	1600	1800	2000	2085	3545	4070	100	100	6-6	2820	3100	3180	3345
	SM330	3300	1300	1600	1800	2000	2235	3845	4370	100	100	6-6	2835	3115	3195	3365
	SM350	3500	1300	1600	1800	2000	2335	4045	4570	100	100	6-6	2845	3125	3205	3380
	SM370	3700	1300	1600	1800	2000	2435	4245	4770	100	100	6-6	2855	3135	3215	3395
	SM400	4000	1300	1600	1800	2000	2635	4545	5070	100	100	3-5	2885	3165	3245	3420
	SM430	4300	1200	1500	1700	1900	2785	4845	5370	100	100	3-5	2895	3175	3255	3440
	SM450	4500	1100	1400	1600	1800	2885	5045	5570	100	100	3-5	2910	3190	3270	3455
	SM470	4700	1000	1250	1500	1700	2985	5245	5770	100	100	3-5	2930	3210	3350	3500
	SM500	5000	900	1100	1300	1400	3185	5545	6070	100	100	3-5	2950	3240	3380	3530
SM550	5500	700	950	1100	1200	3435	6045	6570	100	100	3-5	3000	3290	3430	3580	
SM600	6000	500	750	900	1000	3685	6545	7070	100	100	3-5	3050	3340	3480	3630	
2-Stage Full Free Wide View Mast	SFM200	2000	1300	1600	1800	2000	1585	2540	3065	1000	525	6-6	2885	3165	3245	3435
	SFM250	2500	1300	1600	1800	2000	1835	2990	3515	1200	775	6-6	2935	3215	3295	3485
	SFM270	2700	1300	1600	1800	2000	1935	3190	3715	1300	875	6-6	2950	3230	3310	3500
	SFM300	3000	1300	1600	1800	2000	2085	3540	4065	1500	1025	6-6	2965	3245	3325	3520
	SFM330	3300	1300	1600	1800	2000	2235	3890	4415	1700	1175	6-6	2980	3260	3340	3540
	SFM350	3500	1300	1600	1800	2000	2335	4040	4565	1750	1275	6-6	2990	3270	3350	3555
3-Stage Full Free Wide View Mast	SFM370	3700	1300	1600	1800	2000	2435	4190	4715	1800	1375	6-6	3000	3280	3360	3570
	SFM400	4000	1300	1600	1800	2000	2685	4540	5065	2000	1625	3-5	3010	3290	3380	3590
	STFM370	3700	1300	1600	1800	2000	1835	4245	4770	1200	775	3-5	3075	3345	3425	3615
	STFM400	4000	1300	1600	1800	2000	1935	4545	5070	1300	875	3-5	3095	3365	3445	3635
	STFM430	4300	1200	1500	1700	1900	2035	4845	5370	1400	975	3-5	3105	3385	3465	3655
	STFM450	4500	1100	1400	1600	1800	2085	5045	5570	1500	1025	3-5	3115	3395	3475	3670
STFM470	4700	1000	1300	1500	1550	2135	5245	5770	1600	1075	3-5	3130	3410	3490	3685	
STFM500	5000	950	1250	1450	1500	2235	5545	6070	1700	1175	3-5	3140	3420	3500	3705	
STFM550	5500	850	1150	1200	1300	2435	6045	6570	1800	1375	3-5	3165	3445	3525	3735	
STFM600	6000	750	1050	1100	1200	2635	6545	7070	2000	1575	3-5	3215	3495	3575	3785	
STFM650	6500	650	950	1000	1100	2785	7045	7570	2200	1725	3-5	3245	3525	3600	3810	

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

### MAIN SPECIFICATIONS

Specification	Unit	XCMG						
		FBT13-AZ1	FBT16-AZ1	FBT18-AZ1	FBT20-AZ1			
1	Manufacturer					1		
2	Model					2		
3	Rated Load Capacity	Q(kg)	1300	1600	1800	2000	3	
4	Load Centre	C(mm)	500	500	500	500	4	
5	Lift Height	H <sub>2</sub> (mm)	3000	3000	3000	3000	5	
6	Free Lift	H <sub>1</sub> (mm)	100	100	100	100	6	
7	Fork Size (LxWxT)	LW/T(mm)	920x120x35	920x120x35	1070x120x40	1070x120x40	7	
8	F/B(α°/β°)	Deg	6°/6°	6°/6°	6°/6°	6°/6°	8	
Dimensions	9	Length (To Fork Face)	L <sub>1</sub> (mm)	1855	1955	1955	2075	9
	10	Width	B <sub>1</sub> (mm)	1082	1082	1082	1140	10
	11	Mast Lowered Height	H <sub>1</sub> (mm)	2085	2085	2085	2085	11
	12	Mast Extended Height (With Backrest)	H <sub>2</sub> (mm)	4070	4070	4070	4070	12
	13	Overhead Guard Height	H <sub>3</sub> (mm)	2080	2080	2080	2080	13
	14	Turning Radius	W <sub>a</sub> (mm)	1515	1615	1615	1725	14
	15	Fork Overhang (Wheel Center to Fork Face)	X(mm)	412	412	412	412	15
	16	Front Tread	B <sub>2</sub> (mm)	922	922	922	922	16
	17	Rear Tread	B <sub>3</sub> (mm)	175	175	175	175	17
	18	Ground Clearance	H <sub>4</sub> (mm)	90	90	90	90	18
	19	Wheelbase	Y(mm)	1320	1420	1420	1538	19
	20	Fork Spread (Min/Max)	mm	200/1000	200/1000	200/1000	200/1000	20
	21	Working Aisle Width With Pallet (1000x1200,1200 Lengthways)	A <sub>st</sub> (mm)	3190	3290	3290	3410	21
	22	Working Aisle Width With Pallet (800x1200,800 Lengthways)	A <sub>st</sub> (mm)	3310	3410	3410	3530	22
Performance	23	Travel Speed (Full Load)	km/h	13	13	13	13	23
	24	Travel Speed (No Load)	km/h	14	14	14	14	24
	25	Lifting Speed (Full Load)	mm/s	300	290	270	250	25
	26	Lifting Speed (No Load)	mm/s	450	440	430	400	26
	27	Max.Gradeability (Full Load)	%	18	18	18	18	27
	28	Max.Gradeability (No Load)	%	20	20	20	20	28
	29	Total Weight (Contains the battery)	kg	2820	3100	3180	3345	29
	30	Tyre (Front x 2)		18x7-8	18x7-8	18x7-8	200/50-10	30
	31	Tyre (Rear x 2)		15x4.5-8	15x4.5-8	15x4.5-8	15x4.5-8	31
Drive	32	Diver Motor	kw	4x2	4x2	4x2	4x2	32
	33	Pump Motor	kw	11	11	11	11	33
	34	Battery (Standard)	V/Ah	48/500	48/500	48/500	48/625	34
	35	Controller Type		AC	AC	AC	AC	35
	36	Controller Manufacturer		ZAPI	ZAPI	ZAPI	ZAPI	36
	37	Operating Pressure	Mpa	14.5	14.5	14.5	14.5	37

Specifications and characteristics are subject to change without notice. Please contact us for detailed information. XCMG Forklift retains the right to interpret.

