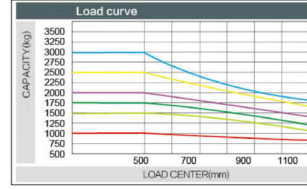
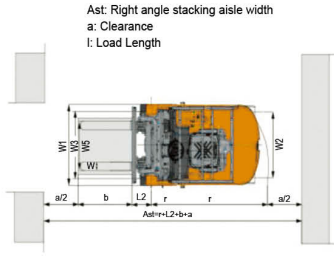
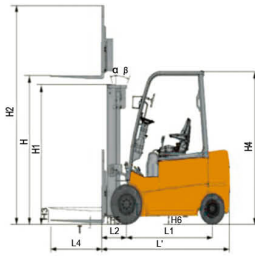




4-Wheels Electric Forklift SBF-A Series



Note: The vertical axis stands for load capacity and the horizontal axis stand for load center which is calculated from the front surface of the forks to the gravity of the standard load. The standard load means a cubic with 1000mm edge length. When mast is tilted forward, using non-standard forks or loading large goods, the load capacity will be reduced. The load capacity of standard mast at different load center can be known from this load chart.

WIDE VIEW MAST														
Mast model	Max. Lifting height mm	Load Capacity(Load center 500mm) (kg)				Mast overall height (fork to the ground) (mm)			Servie weight (kg)				Mast tilt angle (°) α/β	
		1.5t	2.0t	2.5t	3.0t	1-1.8t	2-2.5t	3t	1.5t	2.0t	2.5t	3.0t	1.5-2.5t	3t
M200	2000	1500	2000	2500	3000	1485	1495	1570	2967	4070	4260	4665	6/8	6/10
M250	2500	1500	2000	2500	3000	1735	1745	1820	2998	4114	4304	4705	6/8	6/10
M300	3000	1500	2000	2500	3000	1985	1995	2070	3030	4160	4350	4760	6/8	6/10
M330	3300	1500	2000	2500	3000	2135	2145	2220	3050	4186	4376	4790	6/8	6/10
M350	3500	1500	2000	2500	3000	2235	2245	2320	3063	4204	4394	4810	6/8	6/10
M400	4000	1500	2000	2500	2850	2235	2545	2620	3124	4282	4472	4905	6/5	6/6 *6/10
M450	4500	1400	1900	2300	2600	2785	2795	2870	3156	4328	4518	4955	6/5	6/6 *6/10
M500	5000	1200	1800	1950 *2050	2450 *2500	3035	3045	3120	3189	4373	4563	5005	6/5 *6/5	6/6 *6/6
M550	5500	1100	1400	1550 *1950	1950 *2100	3335	3345	3420	3250	4451	4641	5085	3/3 *6/5	3/6 *3/6
M600	6000	800 *1000	950 *1500	1100 *1800	1300 *1900	3585	3595	3670	3282	4497	4687	5135	3/3 *6/5	3/6 *3/6

☆ NOTE: * refers to rated capacity with widen tires

WIDE VIEW FULL FREE 2-STAGE MAST																	
Mast model	Max. Lifting height mm	Load Capacity(Load center 500mm) (kg)				Mast overall height (fork to the ground) (mm)			Free lifting height (With backrest) (mm)			Servie weight (kg)				Mast tilt angle (°) α/β	
		1.5t	2.0t	2.5t	3.0t	1-1.8t	2-2.5t	3t	1-1.8t	2-2.5t	3t	1.5t	2.0t	2.5t	3.0t	1.5-2.5t	3t
ZM200	2000	1500	2000	2500	3000	1485	1495	1570	478	447	388	3010	4080	4270	4706	6/8	6/10
ZM250	2500	1500	2000	2500	3000	1735	1745	1820	728	697	638	3042	4126	4316	4750	6/8	6/10
ZM330	3000	1500	2000	2500	3000	1985	1995	2070	978	947	888	3076	4175	4365	4796	6/8	6/10
ZM350	3300	1500	2000	2500	3000	2135	2145	2220	1128	1097	1038	3098	4204	4394	4823	6/8	6/10
ZM350	3500	1500	2000	2500	3000	2235	2245	2320	1228	1197	1138	3113	4223	4413	4841	6/8	6/10
ZM400	4000	1500	2000	2500	3000	2235	2545	2620	1528	1497	1438	3173	4305	4495	4931	6/5	6/6 *6/10
ZM450	4500	1400	1900	2300	2500	2535	2795	2870	1778	1747	1688	3211	4354	4544	4976	6/5	6/6 *6/10
ZM500	5000	1200	1800	1950 *2050	2100 *2600	3035	3045	3120	2028	1997	1938	3245	4402	4592	5021	6/5 *6/5	6/6 *6/6
ZM550	5500	1100	1400	1550 *1950	1950 *2400	3335	3345	3420	2328	2297	2238	3306	4484	4674	5111	3/3 *6/5	3/6 *3/6
ZM600	6000	800 *1150	950 *1500	1100 *1800	1300 *2000	3585	3595	3670	2578	2547	2488	3340	4533	4723	5158	3/3 *6/5	3/6 *3/6

☆ Note: 1) * refers to rated capacity with widen tires
 2) 1-1.8t: free lifted height 365mm increased without backrest
 3) 2-2.5t: free lifted height 397mm increased without backrest
 4) 3t: free lifted height 465mm increased without backrest

WIDE VIEW FULL FREE 3-STAGE MAST																	
Mast model	Max. Lifting height mm	Load Capacity(Load center 500mm) (kg)				Mast overall height (fork to the ground) (mm)			Free lifting height (With backrest) (mm)			Servie weight (kg)				Mast tilt angle (°) α/β	
		1.5t	2.0t	2.5t	3.0t	1-1.8t	2-2.5t	3t	1-1.8t	2-2.5t	3t	1.5t	2.0t	2.5t	3.0t	1.5-2.5t	3t
ZSM360	3600	1500	2000	2500	2850	1780	1795	1930	770	774	748	3124	4317	4507	5015	6/8	6/6
ZSM400	4000	1500	2000	2500	2750	1915	1920	2055	905	900	873	3148	4352	4542	5050	6/5	6/6
ZSM450	4500	1400	2000	2300	2450	2080	2095	2230	1070	1074	1048	3183	4401	4591	5101	6/5	6/6
ZSM500	5000	1200	1800	1950 *2050	2100 *2550	2280	2295	2430	1270	1274	1248	3228	4457	4647	5159	6/5 *6/5	6/6 *6/6
ZSM540	5400	1000	1400	1550 *1950	1950 *2350	2405	2420	2555	1395	1400	1373	3253	4499	4689	5194	3/3 *6/5	6/6 *6/6
ZSM600	6000	750 *1150	950 *1500	1100 *1800	1250 *2200	2630	2645	2780	1620	1624	1598	3325	4562	4752	5293	3/3 *6/5	6/6 *3/6
ZSM650	6500	600 *1050	700 *1400	800 *1600	950 *1900	2830	2835	2970	1820	1814	1788	3363	4595	4785	5346	3/3 *3/5	3/3 *3/3
ZSM700	7000	300 *950	400 *1100	500 *1200	550 *1800	3015	3105	3240	2005	2084	2058	3402	4650	4840	5430	3/3 *3/5	3/3 *3/3

☆ Note: 1) * refers to rated capacity with widen tires
 2) 1-1.8t: free lifted height 480mm increased without backrest
 3) 1-1.8t: free lifted height 400mm increased without backrest when assembled with pulley block
 4) 2-2.5t: free lifted height 451mm increased without backrest
 5) 2-2.5t: free lifted height 401mm increased without backrest when assembled with pulley block
 6) 3t: free lifted height 397mm increased without backrest



4-Wheels Electric Forklift

SBF-A Series



Specifications

Character						
Model			SBF-15A	SBF-20A	SBF-25A	SBF-30A
Rated capacity	Q	kg	1500	2000	2500	3000
Load centre distance	c	mm	500	500	500	500
Wheel base	L1	mm	1380	1550	1550	1685
Tyre						
Tyre type			Pneumatic	Pneumatic	Pneumatic	Pneumatic
Wheel number(front/rear)			2/2	2/2	2/2	2/2
Front wheel base	W3	mm	910	960	960	1000
Rear wheel base	W2	mm	920	950	950	950
Tyre(front)			6.00-9-10PR	23x9-10-16PR	23x9-10-16PR	28x9-15-12PR
Tyre(rear)			16x6-8-10PR	16x7-8-14PR	18x7-8-14PR	18x7-8-14PR
Size						
Front overhang	L2	mm	390	434	434	485
Mast tilt angle, front/rear	α / β	$^{\circ}$	6/8	6/8	6/8	6/10
Height with mast retraction	H1	mm	1985	1995	1995	2075
Free lifting height	H3	mm	155	140	140	145
Max. Lifting height	H	mm	3000	3000	3000	3000
Max. height under working condition	H2	mm	4030	4042	4042	4230
Overhead guard height	H4	mm	2130	2150	2150	2215
Fork size:thickness x width x length	T/W/L4	mm	40x122x1070	40x122x1070	40x122x1070	45x125x1070
Truck body length(fork excluded)	L'	mm	2070	2285	2295	2490
Truck body width	W1	mm	1086	1185	1185	1241
Turning radius	r	mm	1750	2000	2020	2210
Clearance between mast and ground	H5	mm	90	110	110	135
Clearance between wheel base center and ground(loaded)	H6	mm	95	115	115	145
Right angle stacking aisle width(pallet1000 x 1000mm, clearance 200mm)	Ast	mm	3340	3635	3725	3895
Right angle stacking aisle width(pallet1200 x 1200mm, clearance 200mm)	Ast	mm	3540	3855	3855	4095
Lateral fork adjustment (outside of forks) max./min.	W5	mm	960/200	1030/244	1030/244	1060/250
Performance						
Travelling speed : loaded/unloaded		km/h	15/16	14.5/15	14.5/15	12/13
Lifting speed : loaded/unloaded		m/s	0.40/0.60	0.35/0.51	0.33/0.51	0.24/0.4
Lowering speed: loaded/unloaded		m/s	0.50/0.40	0.49/0.41	0.49/0.41	0.42
Gradeability(loaded)		%	22	22	20	13
Weight						
Total weight(with/without battery)		kg	3030/2240	4160/3060	4350/3250	4760/3555
axle load : unloaded, front/rear		kg	1505/1525	1900/2260	2000/2350	2210/2550
axle load : loaded, front/rear		kg	4005/525	5300/860	5950/900	6900/860
Battery						
Battery voltage/capacity k5		V/Ah	48/400(max600)	48/600	48/600	48/700
Motor and controller						
Drive motor power-60 minutes		kW	8.2	11.5	11.5	11
Lifting motor power-s3 15%		kW	10.6	15	15	15
Drive motor controlling mode			MOSFET/AC	MOSFET/AC	MOSFET/AC	MOSFET/AC
Lifting motor controlling mode			MOSFET/AC	MOSFET/AC	MOSFET/AC	MOSFET/AC
Service brake/parking brake			Hydraulic/Mechanical	Hydraulic/Mechanical	Hydraulic/Mechanical	Hydraulic/Mechanical
Hydraulic system working pressure		mpa	14.5	17.5	17.5	21

☆ The above specification are subject to change without prior notice

