

Wide view mast VM

Mast Model	Load center 500mm									Max. lift height	Mast height					Tilt angle	Weight							
											Fork lowered			Fork lift with backrest										
	FB15	FB16	FB18	FB20	FB25	FB30	FB35	FB40	FB15-25		FB30-35	FB40	FB15-25	FB30-40	fwd-bwd		FB15	FB16	FB18	FB20	FB25	FB30	FB35	FB40
	kg	kg	kg	kg	kg	kg	kg	kg	mm		mm	mm	mm	mm	deg	kg	kg	kg	kg	kg	kg	kg	kg	
VM250	1500	1600	1750	2000	2500	3000	3500	4000	2500	1745	1825	1900	3530	3750	6-12	2660	2760	2960	3405	3785	4620	5150	5360	
VM270	1500	1600	1750	2000	2500	3000	3500	4000	2700	1845	1925	2000	3730	3950	6-12	2675	2775	2975	3420	3800	4635	5165	5375	
VM300	1500	1600	1750	2000	2500	3000	3500	4000	3000	1995	2075	2150	4030	4250	6-12	2690	2790	2990	3440	3820	4660	5190	5400	
VM330	1500	1600	1750	2000	2500	3000	3500	4000	3300	2145	2225	2300	4330	4550	6-12	2710	2810	3010	3465	3845	4685	5215	5425	
VM350	1500	1600	1750	2000	2500	3000	3500	4000	3500	2245	2325	2400	4530	4750	6-12	2720	2820	3020	3480	3860	4700	5230	5440	
VM400	1500	1600	1750	2000	2500	3000	3500	4000	4000	2545	2625	2700	5030	5250	6-6	2780	2880	3080	3585	3935	4780	5310	5520	
VM450	1400	1500	1600	1800	2450	2900 *3000	3000 *3500	3400 *4000	4500	2875	2875	2950	5530	5750	6-6 *6-12	2810	2910	3110	3595	3975	4820	5350	5560	
VM500	1000	1050	1150	1650	1700	2700 *2850	2800 *3300	3200 *3700	5000	3125	3125	3200	6030	6250	6-6 *6-6	2850	2950	3150	3635	4015	4870	5400	5610	

Notes: The mark of * is with double tires.

2 Stage free lift mast VFM

Mast Model	Load center 500mm								Max. lift height	Mast height				Free lift with backrest			Tilt angle	Weight									
										Fork lowered			Fork lift with backrest														
	FB15	FB16	FB18	FB20	FB25	FB30	FB35	FB40		FB15-25	FB30-35	FB40	FB15-25	FB30-40	FB15-18	FB20-25		FB30-40	fwd-bwd	FB15	FB16	FB18	FB20	FB25	FB30	FB35	FB40
	kg	kg	kg	kg	kg	kg	kg	kg		mm	mm	mm	mm	mm	mm	mm		mm	mm	deg	kg	kg	kg	kg	kg	kg	kg
VFM250	1500	1600	1750	2000	2500	3000	3500	4000	2500	1745	1825	1875	3530	3760	735	745	600	6-12	2720	2820	3020	3460	3840	4680	5210	5420	
VFM270	1500	1600	1750	2000	2500	3000	3500	4000	2700	1845	1925	1975	3730	3960	835	845	700	6-12	2730	2830	3030	3475	3855	4700	5230	5440	
VFM300	1500	1600	1750	2000	2500	3000	3500	4000	3000	1995	2075	2125	4030	4260	985	995	850	6-12	2750	2850	3050	3510	3890	4730	5270	5470	
VFM330	1500	1600	1750	2000	2500	3000	3500	4000	3300	2145	2225	2275	4330	4560	1135	1145	1000	6-12	2775	2875	3075	3540	3920	4755	5295	5495	
VFM350	1500	1600	1750	2000	2500	3000	3500	4000	3500	2245	2325	2375	4530	4760	1235	1245	1100	6-12	2785	2885	3085	3560	3940	4770	5310	5510	
VFM400	1500	1600	1750	2000	2500	3000	3500	4000	4000	2545	2575	2625	5030	5260	1535	1545	1350	6-6	2850	2950	3150	3660	4040	4860	5410	5610	

Notes: (1) Height without backrest FB15 -470mm; FB20~25 -375mm; FB30~FB40 -515mm.
(2) Free lift without backrest; FB15 +470mm ; FB20~25 +375mm , FB30~FB40 +515mm. Weight without backrest; FB1S -15kg; FB20~2S -20kg .

3 Stage free lift mast VFHM/VFSM

Mast Model	Load center 500mm								*4000	Max. lift height	Mast height					Free lift with backrest		Tilt angle	Weight							
											Fork lowered			Fork lift with backrest												
	FB15	FB16	FB18	FB20	FB25	FB30	FB35	FB40			FB15-25	FB30-35	FB40	FB15-25	FB30-40	FB15-25	FB30-40	fwd-bwd	FB15	FB16	FB18	FB20	FB25	FB30	FB35	FB40
	kg	kg	kg	kg	kg	kg	kg	kg			mm	mm	mm	mm	mm	mm	mm	mm	bwd	kg	kg	kg	kg	kg	kg	kg
VFHM/VFSM360	1400	1500	1650	1900	2400	2700 *3000	2900 *3500	3400 *4000	3600	1745	1825	1825	4630	4860	745	600	6-6 *6-10	2840	2940	3140	3590	3970	4825	5350	5670	
VFHM/VFSM400	1400	1500	1650	1900	2400	2700 *3000	2900 *3500	3400 *4000	4000	1870	1950	1950	5030	5260	870	725	6-6 *6-10	2865	2965	3165	3620	4000	4860	5380	5720	
VFHM/VFSM435	1337	1437	1587	1850	2200	2700 *3000	2900 *3500	3400 *4000	4350	1995	2075	2075	5380	5660	995	850	6-6 *6-10	2890	2990	3190	3650	4030	4890	5410	5750	
VFHM/VFSM450	1307	1407	1507	1750	2000	2500 *2900	2800 *3450	3300 *3900	4500	2045	2125	2125	5530	5760	1035	925	6-6 *6-10	2895	2995	3195	3660	4040	4905	5420	5760	
VFHM/VFSM470	1287	1387	1487	1700	1800	2250 *2900	2750 *3400	3250 *3880	4700	2110	2190	2190	5730	5960	1110	965	6-6 *6-10	2905	3005	3205	3680	4060	4920	5440	5780	
VFHM/VFSM500	1087	1187	1287	1500	1600	1950 *2700	2000 *3100	2800 *3540	5000	2245	2325	2325	6030	6260	1245	1100	6-6 *6-10	2935	3035	3235	3715	4095	4955	5475	5815	
VFHM/VFSM550	787	837	878	1150	1250	1950 *2650	2000 *2800	2500 *3200	5500	2410	2460	2460	6450	6760	1380	1250	3-6 *3-6	2970	3070	3270	3755	4135	5000	5520	5860	
VFHM/VFSM600	537	587	637	900	950	1200 *2100	1500 *2300	1700 *2630	6000	2595	2675	2675	7030	7260	1595	1450	3-6 *3-6	3030	3130	3330	3845	4225	5090	5610	5950	
VFHM/VFSM650	/	/	/	*1400	*1500	*1700	*1700	*1940	6500	2810	2890	2890	7670	7900	1810	1665	*3-3	/	/	/	3910	4290	5160	5680	6020	
VFHM/VFSM700	/	/	/	*1000	*1100	*1350	*1350	*1540	7000	3030	3110	3110	8330	8560	2030	1885	*3-3	/	/	/	3980	4360	5240	5760	6100	

Notes: (1) Height without backrest. FB15 -470mm;FB20 ~ FB25 -445mm;FB30 ~ FB40 -580mm.
(2) Free lift without backrest. FB15 +470mm;FB20 ~ FB25 +445mm;FB30 ~ FB40 +580mm,
Weight without backrest FB1S -15kg;FB20 ~ FB25 -20kg;FB30 ~ FB40 -30kg.
(3) The mark of * is with double tires.

*TEU'S products and its specifications change without prior notice

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TEU

Counter balanced
Electric forklift
1.5~4.0 TON

FB15 / FB20 / FB25
FB30 / FB35 / FB40



- AC Variable Frequency Drive Motor Lowers The Maintenance Cost, Improves Sufficiency And Reduces The Energy Consumption At The Same time.



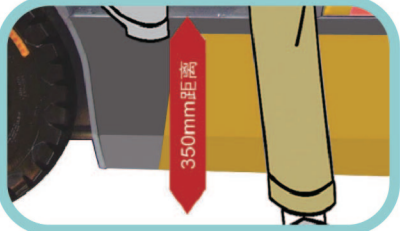
Yellow handle grip avoiding wrong operation



Comfortable foot-operation with coverboard and hanging pedal



Easy up and down with lowering height

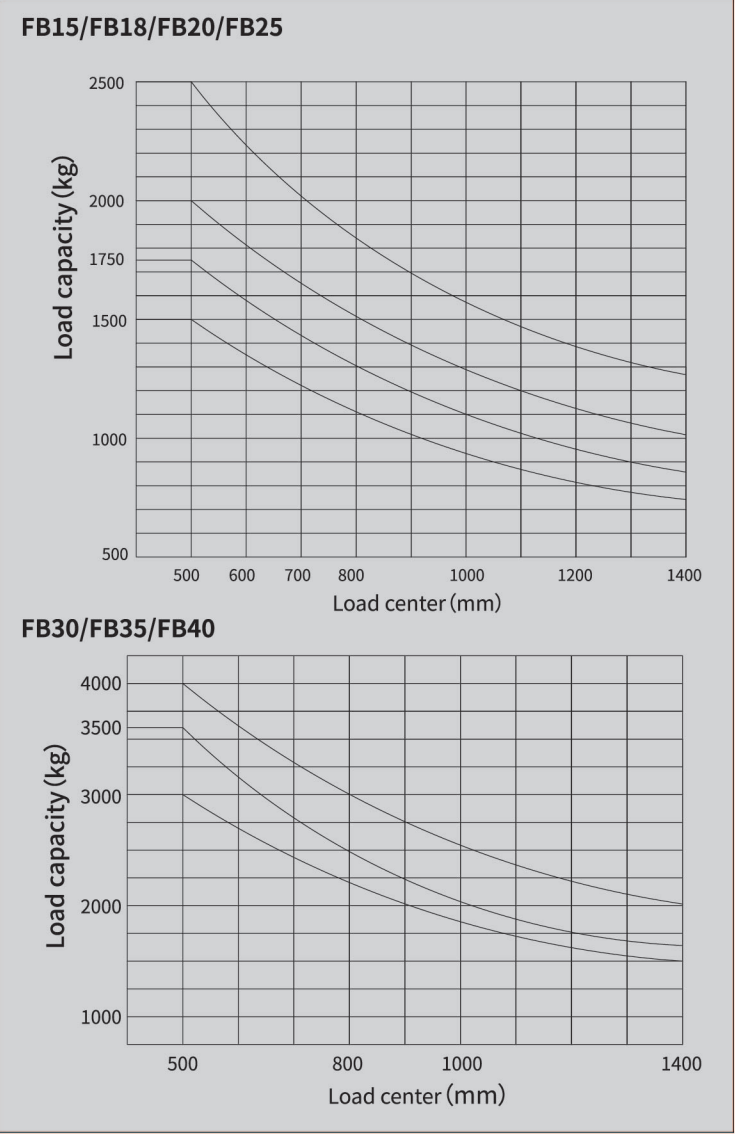


Main Truck Specifications

Specifications	1	Manufacturer				TEU								
	2	Model				FB15	FB16	FB18	FB20	FB25	FB30	FB35	FB40	
	3	Load capacity			kg	1500	1600	1750	2000	2500	3000	3500	4000	
	4	Load center			mm	500								
	5	Power unit				Lead-acid Battery								
	6	Operator type				Diver/Seat								
	7	Tire type	Front / rear		Pneumatic/Pneumatic								Pneumatic/Solid	
	8	Wheels	Front / rear		2X/2									
Dimensions	9	Max.lifting height			mm	3000								
	10	Free lift			mm	155				160		165		
	11	Fork size	L×W×T	mm	920X100X35				1070X122X40		1070X125X45	1070X125X50	1070X150X50	
	12	Tilt angle	Forward / backward	deg	6/12									
	13	Overall length(without fork)			mm	1961		2061	2245	2285	2510	2550	2775	
	14	Total width			mm	1070				1150		1225		1380
	15	Mast height(fork lowering)			mm	1995						2075		2150
	16	Overall height fork raised			mm	4030						4250		
	17	Height of head guard			mm	2100				2145		2190		2250
	18	Turning raduis(outside)			mm	1780		1880	1980	2000	2140	4280	2500	
	19	Load distance			mm	381				445		480	485	
	20	Right angle stacking aisle			mm	2155		2255	2425	2445	2620	2665	2985	
Performance	21	Speed	Travelling	Full	km/h	14			13.5			13	12	
	No load			km/h	16			15	14.5	15	14.5	14		
	Lifting		Full	mm/s	350			240			220			
			No load	mm/s	530			450						220
	23	Maximum Gradeability	Full load		%	15		12.5						
Weights	24	Weight(with standard battery)			kg	2690	2790	2990	3440	3820	4660	5190	5400	
	25	Weight distribution	Full load	Front	kg	3635	3815	4115	4565	5425	6770	7480	7880	
	Rear			kg	555	575	625	875	895	890	1210	1520		
	26		No load	Front	kg	1110	1150	1235	1445	1425	1885	2000	2130	
				Rear	kg	1580	1640	1755	1995	2395	2775	3190	3270	
Chassis & Wheels	27	Tires	Number	Front / rear		2/2								
	Size		Front		6.00-9-10-10PR				21X8-9-16PR		28X9-15-12PR		250-15-16PR	
			Rear		16X6-8-10PR				18x7-8-14PR			200/50-10		
	30	Wheelbase			mm	1250		1350	1400		1600		1800	
	31	Tread		Front / rear	mm	910/920				955/950		1000/950		1140/950
	32	Ground clearence	At lowest point(mast)		mm	105				110		140		
			Frame		mm	95				115		120		130
	33	Brake	Service brake				Hydraulic-foot pedal							
			Paking brake				Manual							
Drive Line	34	Battery	Voltage / capacity		V-AH/5hr	48V-400		48V-450	48V-450	48V-565	72V-480	72V-560	80V-550	
	Weight(with battery box)		Kg	735		795	795	945	1220	1290	1430			
	35	Electric motors	AC Drive motor		KW	8			11		16.6			
			AC Hydraulic motor		KW	8			13		13.5			
	36	Control type					Travelling AC; Lifting AC							
	37	Hydraulic system pressure			kg/cm2		145			175				

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Loading chart



Standard devices

- Micro-computer controlling of AC driving type
 - Wide-view mast
 - Regenerative braking
- Power steering
 - Neutral-safety switch
 - Big rubber pad

Model	Battery box size （L X W X H mm）	Battery weight （kg）
FB15\16	600X980X495	695-875
FB18	700X980X495	745-925
FB20	780X1030X495	790~1100
FB25	780X1030X495	870~1100
FB30	895X1080X495	1130~1290
FB35	990X1080X495	1130~1290
FB40	1180X1080X495	1300~1450

Optional parts

- Tires
 - Double tries； solid tires environmental protection solid tires
- Mast
 - 2 stage free lift mast(VFM) 3 stage free lift mast(VFHM/VFSM)
- Attachments
 - side shifter, flat clamp, paper roll clamp, rotator, multi-purpose clamp, drum clamp, carpet boom, boom, lifting hook, widen carriage, fork extension