Tymbia

Handling & Warehouse Equipment

FB Series 15▸40

Counter Balanced Li-ion Battery Forklift

Wide view mast VM

Mast model	Load centre 500mm							Max. lifting height	Mast height: fork lowered			Mast height: fork raise (with backrest)		Tilt range	Self-weight (with standard battery)						
	FB15	FB18	FB20	FB25	FB30	FB35	FB40		FB15-25	FB30-35	FB40	FB15-25	FB30-40	forward/ backward	FB15	FB18	FB20	FB25	FB30	FB35	FB40
	kg	kg	kg	kg	kg	kg	kg	mm	mm	mm	mm	mm	mm	deg	kg	kg	kg	kg	kg	kg	kg
VM250	1500	1750	2000	2500	3000	3500	4000	2500	1745	1825	1900	3530	3750	6-12	2660	2960	3405	3785	4620	5150	5360
VM270	1500	1750	2000	2500	3000	3500	4000	2700	1845	1925	2000	3730	3950	6-12	2675	2975	3420	3800	4635	5165	5375
VM300	1500	1750	2000	2500	3000	3500	4000	3000	1995	2075	2150	4030	4250	6-12	2690	2990	3440	3820	4660	5190	5400
VM330	1500	1750	2000	2500	3000	3500	4000	3300	2145	2225	2300	4330	4550	6-12	2710	3010	3465	3845	4685	5215	5425
VM350	1500	1750	2000	2500	3000	3500	4000	3500	2245	2325	2400	4530	4750	6-12	2720	3020	3480	3860	4700	5230	5440
VM400	1500	1750	2000	2500	3000	3500	4000	4000	2545	2625	2700	5030	5250	6-6	2780	3080	3585	3935	4780	5310	5520
VM450	1400	1600	1800	2450	2900 *3000	3000 *3500	3400 *4000	4500	2795	2875	2950	5530	5750	6-6 *6-12	2810	3110	3595	3975	4820	5350	5560
VM500	1000	1150	1650	1700	2700 *2850	2800 *3300	3200 *3700	5000	3045	3125	3200	6030	6250	6-6 *6-6	2850	3150	3635	4015	4870	5400	5610

Notes:The mark of * is with double tires

2 stage free lift mast VFM

Mast model	Load centre 500mm							Max. lifting height	Mast height: fork lowered			Mast height: fork raise (with backrest)		Free lift with backrest			Tilt range	Self-weight (with standard battery)						
	FB15	FB18	FB20	FB25	FB30	FB35	FB40		FB15-25	FB30-35	FB40	FB15-25	FB30-40	FB15-18	FB20-25	FB30-40	forward/ backward	FB15	FB18	FB20	FB25	FB30	FB35	FB40
	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	1750	2000	2500	3000	3500	4000	2500	1745	1825	1875	3530	3760	735	745	600	6-12	2720	3020	3460	3840	4680	5210	5420
VFM270	1500	1750	2000	2500	3000	3500	4000	2700	1845	1925	1975	3730	3960	835	845	700	6-12	2730	3030	3475	3855	4700	5230	5440
VFM300	1500	1750	2000	2500	3000	3500	4000	3000	1995	2075	2125	4030	4260	985	995	850	6-12	2750	3050	3510	3890	4730	5270	5470
VFM330	1500	1750	2000	2500	3000	3500	4000	3300	2145	2225	2275	4330	4560	1135	1145	1000	6-12	2775	3075	3540	3920	4755	5295	5495
VFM350	1500	1750	2000	2500	3000	3500	4000	3500	2245	2325	2375	4530	4760	1235	1245	1100	6-12	2785	3085	3560	3940	4770	5310	5510
VFM400	1500	1750	2000	2500	3000	3500	4000	4000	2545	2575	2625	5030	5260	1535	1545	1350	6-6	2850	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: FB15 -15kg ; FB20~25 -20kg ; FB30~FB40 -30kg

3 Stage free lift mast VFHM/VFSM

Mast model	Load centre 500mm							Max. lifting height	Mast height: fork lowered			Mast height: fork raise (with backrest)		Free lift with backrest		Tilt range	Self-weight (with standard battery)						
	FB15	FB18	FB20	FB25	FB30	FB35	FB40		FB15-25	FB30-35	FB40	FB15-25	FB30-40	FB15-25	FB30-40	forward/ backward	FB15	FB18	FB20	FB25	FB30	FB35	FB40
	kg	kg	kg	kg	kg	kg	kg	mm	mm	mm	mm	mm	mm	mm	mm	deg	kg	kg	kg	kg	kg	kg	kg
VFHM/ VFSM360	1400	1650	1900	2400	2700 *3000	2900 *3500	3400 *4000	3600	1745	1825	1825	4630	4860	745	600	6-6 *6-10	2840	3140	3590	3970	4825	5350	5670
VFHM/ VFSM400	1400	1650	1900	2400	2700 *3000	2900 *3500	3400 *4000	4000	1870	1950	1950	5030	5260	870	725	6-6 *6-10	2865	3165	3620	4000	4860	5380	5720
VFHM/ VFSM435	1350	1587	1850	2200	2700 *3000	2900 *3500	3400 *4000	4350	1995	2075	2075	5380	5660	995	850	6-6 *6-10	2890	3190	3650	4030	4890	5410	5750
VFHM/ VFSM450	1307	1507	1750	2000	2500 *2900	2800 *3450	3600 *3400	4500	2045	2125	2125	5530	5760	1035	925	6-6 *6-10	2895	3195	3195	3660	4040	4905	5420
VFHM/ VFSM470	1287	1487	1700	1800	2250 *2900	2750 *3400	3250 *3880	4700	2145	2225	2225	5830	6060	1145	1000	6-6 *6-10	2915	3215	3690	4070	4930	5450	5790
VFHM/ VFSM500	1100	1287	1500	1600	1950 *2700	2000 *3100	2800 *3540	5000	2245	2325	2325	6030	6260	1245	1100	6-6 *6-10	2935	3235	3715	4095	4955	5475	5815
VFHM/ VFSM550	800	878	1150	1250	1950 *2650	2000 *2800	2500 *3200	5500	2410	2460	2460	6450	6760	1380	1250	3-6 *3-6	2970	3270	3755	4135	5000	5520	5860
VFHM/ VFSM600	550	637	900	950	1200 *2100	1500 *2300	1700 *2630	6000	2595	2675	2675	7030	7260	1595	1450	3-6 *3-6	3030	3330	3845	4225	5090	5610	5950

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

Manufactured by

INTERTRAC

Material Handling 900 818 978

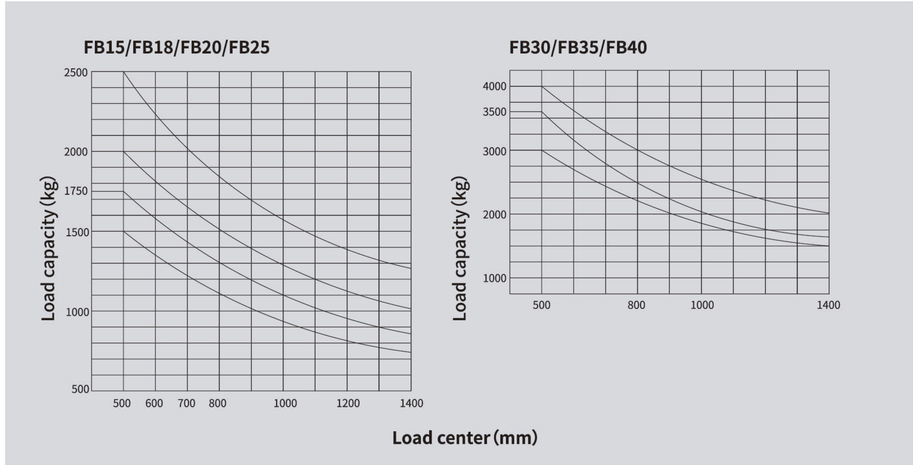
Delegación comercial y postventa en:
Madrid, Barcelona, Valencia, Alicante, Castellón, Tarragona y Murcia.

Red de conesionarios en todas las provincias.

■ Main Truck Specifications

SPECIFICATION	1	Manufacturer					TYMBIA					
	2	Model			FB15	FB18	FB20	FB25	FB30	FB35	FB40	
	3	Max.lift capacity		kg	1500	1750	2000	2500	3000	3500	4000	
	4	Load center		mm	500							
	5	Power unit			Lithium Iron Phosphate Battery							
	6	Operator type			Driver/seat							
	7	Tires type	fwd/bwd		Pneumatic/Pneumatic					Pneumatic/Solid		
	8	Wheel(x=driving)	fwd/bwd		2X/2							
DIMENSIONS	9	Max.lift 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	fwd/bwd	deg	6/12							
	13	Total length without fork		mm	1961	2061	2245	2285	2510	2550	2775	
	14	Total width		mm	1070		1150		1225		1380	
	15	Mast height (fork lowered)		mm	1995				2075		2150	
	16	Overall height fork raised	with backrest		4030				4250			
	17	Height of head guard		mm	2100		2145		2190		2425	
	18	Turning raduis (outside)		mm	1780	1880	1980	2000	2140	2180	2500	
	19	Distance from front wheel center to forks face		mm	381		445		480	485		
	20	Right angle stacking aisle (excluding goods length and clearance)		mm	2155	2255	2425	2445	2620	2665	2985	
PERFORMANCE	21	Speed	Max. travelling speed / full load	km/h	14		13.5			13	12	
			Max. travelling speed / no load	km/h	16		15	14.5	15	14.5	14	
	22		Lifting speed / full load	mm/s	350		240			220		
			Lifting speed / no load	mm/s	530		450				410	
	23	Maximum Gradeability		full load %	15	12.5						
WEIGHTS	24	Truck weight		kg	2690	2990	3440	3820	4660	5190	5400	
	25	Weight Distribution (with standard battery)	Full load	front kg	3635	4115	4565	5425	6770	7480	7880	
				rear kg	555	625	875	895	890	1210	1520	
	26		No load	front kg	1110	1235	1445	1425	1885	2000	2130	
				rear kg	1580	1755	1995	2395	2775	3190	3270	
CHASSIS & WHEELS	27	Tires	Number	front/rear	2/2							
	28		Model	front axle	6.00-9-10-10PR		21X8-9-16PR		28X9-15-12PR		250-15-16PR	
	29			rear axle	16X6-8-10PR		18X7-8-14PR			18x7-8		
	30	Wheelbase		mm	1250		1400		1600		1800	
	31	Tread	front/reat	mm	910/900		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							
			Parking brake		Manual							
DRIVE LINE	34	Battery	Voltage/capacity	V	80V-210AH		80V-320AH		80V-420AH		80V-530AH	
			Weight(with battery box)	Kg	735	795	825	945	1220	1290	1430	
	35	Electric motors	AC Drive Motor	KW	8		11		16.6			
			AC Hydraulic Motor	KW	10		12		13.5			
	36	Control type			Travelling AC, Lifting AC							
	37	Hydraulic system pressure		kg/cm²	145	175						

■ Loading chart



■ Standard devices

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

Model	Battery box size（L X W X H mm)	Battery weight（kg)
FB15	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 (FB30) solid tires environmental protection solid tires
- **Mast**
  2 stage free lift mast (VFM) 3 stage free lift mast (VFHM)
- **Attachments**
  side shifter, flat clamp, paper roll clamp, rotator,multi-purpose clamp, drum clamp, carpet boom,boom, lifting hook, widen carriage, fork extension

- High Efficiency and Environmental Li-ion Battery

- Convenient Charging

- Comfortable Operation