

TFT

Efficient Forklift
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- Performance data and dimensions are nominal and subject to tolerances.



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Li-Ion Powered Forklift Trucks
2.0-3.5 Ton
(Counter-Balanced Type)

TECHNOLOGY SPECIFICATION

Specifications	1	Manufacturer		TFT											
	2	Model		FLB20		FLB25		FLB30		FLB35					
	3	Configure No.		M1		M1		M1		M1					
	4	Max.Lifting capacity		kg		2000		2500		3000		3500			
	5	Load center		mm		500									
	6	Power unit		Lithium Iron Phosphate battery											
	7	Operator type		Seat											
	8	Tire type		front/rear		pneumatic									
Dimensions	9	Max.Lifting height		mm		3000									
	10	Free lift		mm		160				150					
	11	Fork size		L × W × T		mm		1070×122×40		1070×125×45		1070×125×50			
	12	Tilt angle		fwd/bwd		deg		6/12							
	13	Total length without fork		mm		2460		2530		2705		2760			
	14	Total width		mm		1150				1225		1285			
	15	Mast height (fork lowered)		mm		1995				2075					
	16	Overall height fork raised		mm		4030				4250					
	17	Height of head guard		mm		2120				2140					
	18	Turning radius(outside)		mm		2190		2260		2445		2495			
	19	Distance from front wheel center to forks face		mm		466				480		485			
	20	Right angle stacking aisle (excluding goods length and clearance)		mm		2615		2690		2925		2980			
Performance	21	Max.travelling speed	full load		km/h		15		15		15		15		
			no load		km/h		15		15		15		15		
	22	Speed	Lifting speed	full load		mm/s		370		360		340		330	
				no load		mm/s		440		440		420		410	
	23	Lowering speed		full load		mm/s		410		400		400		380	
no load				mm/s		450		450		420		400			
24	Maximum Gradeability	full load/no load		%		15/15		15/15		15/15		15/15			
Weights	25	Truck weight		kg		3280		3750		4265		4520			
	26	Weight Distribution (with standard battery)	full load	front		kg		4730		5400		6360		6960	
				rear		kg		550		850		905		1060	
	27		no load	front		kg		1490		1360		1660		1550	
rear				kg		1790		2390		2605		2970			
Chassis&Wheels	28	Number		front / rear		2 / 2				2 / 2					
	29	Tires	Model		7.00-12-12PR				28×9-15-12PR						
			rear		6.00-9-10PR				6.50-10-10PR						
	30	Wheelbase		mm		1620				1700					
	32	Tread	front		mm		970				1000		1060		
			rear		mm		970				970				
	33	Ground Clearance	At lowest point(Mast)		mm		110				120				
			Frame		mm		105				125				
34	Brake	Service brake		Hydraulic-foot pedal											
		Paking service		Mechanical-hand lever											
Drive Line	35	Battery	Voltage		V		80		80		80		80		
			Battery capacity (standard)		AH		205		205		205		205		
			Battery capacity (Optional)		AH		280		410		280		410		280
36	Electric motors	Drive motor (S2)		KW		15		15		15		15			
		Hydraulic notor (S3)		KW		15		15		15		15			
Cooling	37	Cooling method		Air Cooling		Air Cooling		Air Cooling		Air Cooling		Air Cooling			

Remark: The mark of * is Motor Duty Cycle S9

TEU reserves the right to make any changes without notice concerning design and specifications detailed in this brochure.

Two stage wide view mast---VM

Mast model	Load centre 500mm				Max.lifting height	Mast height				Tilt range	Self-weight (with standard battery)				
	FLB20	FLB25	FLB30	FLB35		fork lowered		fork raise (with backrest)			forward/ backward	FLB20	FLB25	FLB30	FLB35
						FLB20/25	FLB30/35	FLB20/25	FLB30/35						
	kg	kg	kg	kg		mm	mm	mm	mm		mm	mm	mm	mm	mm
VM250	2000	2500	3000	3500	2500	1745	1825	3530	3750	6-12	3260	3730	4147	4467	
VM270	2000	2500	3000	3500	2700	1845	1925	3730	3950	6-12	3275	3745	4162	4487	
VM300	2000	2500	3000	3500	3000	1995	2075	4030	4250	6-12	3300	3770	4177	4517	
VM330	2000	2500	3000	3500	3300	2145	2225	4330	4550	6-12	3325	3795	4212	4547	
VM350	2000	2500	3000	3500	3500	2245	2325	4530	4750	6-12	3340	3810	4227	4567	
VM366	2000	2500	3000	3500	3660	2370	2405	4780	4910	6-12	3355	3825	4239	4583	
VM375	2000	2500	3000	3500	3750	2545	2425	5030	5000	6-6 *6-12	3360	3830	4242	4587	
VM400	1900 *2000	2450 *2500	2900 *3000	3000 *3500	4000	2670	2625	5280	5250	6-6 *6-12	3380	3850	4307	4652	
VM450	1900 *1950	2150 *2450	2900 *3000	3000 *3500	4500	2795	2875	5530	5750	6-6 *6-12	3420	3890	4347	4697	
VM475	1800 *1850	1850 *2350	2800 *2950	2900 *3400	4750	2920	3000	5780	6000	6-6 *6-6	3440	3910	4353	4622	
VM500	1652 *1700	1700 *2250	2700 *2850	2800 *3300	5000	3045	3125	6030	6250	6-6 *6-6	3460	3930	4392	4747	
VM550	*1500	*1700	*2400	*2700	5500	3345	3425	6530	6750	*3-6	3655	4125	4617	4977	
VM600	*1300	*1400	*2000	*2300	6000	3595	3675	7030	7250	*3-6	3695	4165	4657	5022	

Two stage full free mast---VFM

Mast model	Load centre 500mm				Max.lifting height	Mast height				Free lift (with backrest)		Tilt range	Self-weight (with standard battery)				
	FLB20	FLB25	FLB30	FLB35		fork lowered		fork raise (with backrest)		FLB20/25	FLB30/35		forward/ backward	FLB20	FLB25	FLB30	FLB35
						FLB20/25	FLB30/35	FLB20/25	FLB30/35								
	kg	kg	kg	kg		mm	mm	mm	mm	mm	mm		mm	mm	mm	mm	mm
VFM250	2000	2500	3000	3500	2500	1745	1825	3530	3760	745	600	6-12	3200	3540	4187	4577	
VFM270	2000	2500	3000	3500	2700	1845	1925	4030	3960	845	700	6-12	3215	3555	4207	4597	
VFM300	2000	2500	3000	3500	3000	1995	2075	4030	4260	995	850	6-12	3245	3585	4237	4627	
VFM330	2000	2500	3000	3500	3300	2145	2225	4330	4560	1145	1000	6-12	3270	3610	4262	4652	
VFM350	2000	2500	3000	3500	3500	2245	2325	4530	4760	1245	1100	6-12	3285	3625	4282	4672	

Three stage full free mast--VFSM

Mast model	Load centre 500mm				Max.lifting height	Mast height				Free lift (with backrest)		Tilt range	Self-weight (with standard battery)				
	FLB20	FLB25	FLB30	FLB35		fork lowered		fork raise (with backrest)		FLB20/25	FLB30/35		forward/ backward	FLB20	FLB25	FLB30	FLB35
						FLB20/25	FLB30/35	FLB20/25	FLB30/35								
	kg	kg	kg	kg		mm	mm	mm	mm	mm	mm		mm	mm	mm	mm	mm
VFSM360	2000	2500	3000	3500	3600	1745	1825	4630	4860	745	600	6-6 *6-10	3350	3690	4350	4735	
VFSM400	2000	2500	3000	3500	4000	1870	1950	5030	5260	870	725	6-6 *6-10	3385	3725	4380	4770	
VFSM435	1900 *2000	2200 *2400	2900 *3000	3200 *3500	4350	1995	2075	5380	5660	995	850	6-6 *6-10	3415	3755	4415	4810	
VFSM450	1800 *1950	2050 *2350	2850 *3000	3100 *3500	4500	2045	2150	5530	5760	1045	925	6-6 *6-10	3425	3765	4430	4830	
VFSM470	1700 *1900	1900 *2300	2800 *2900	2900 *3400	4700	2110	2190	5960	5960	1110	965	6-6 *6-10	3445	3785	4440	4830	
VFSM500	1500 *1800	1600 *2250	2600 *2700	2800 *3100	5000	2245	2325	6030	6260	1245	1100	6-6 *6-10	3475	3815	4485	4875	
VFSM550	1200 *1750	1300 *2150	1900 *2650	2000 *2700	5500	2370	2460	6430	6760	1370	1250	3-6 *3-6	3505	3845	4535	4910	
VFSM600	900 *1650	950 *2250	1400 *2100	1500 *2300	6000	2595	2675	7030	7260	1595	1450	3-6 *3-6	3595	3935	4605	4995	
VFSM650	*900	*1550	*1700	*1700	*6500	2810	2990	7530	7760	1810	1665	*3-3	3775	4115	4820	5205	
VFSM700	*1250	*1250	*1350	*1350	*7000	3030	3110	8030	8260	2030	1885	*3-3	3825	4165	4875	5265	

Remark:

The mark of * is with double tires, the weight with double tires: +150kg

Max. lift height (without backrest): -580mm

Free lift height without backrest: +580mm; Weight without backrest: -30kg