Efficient Forklift

EFFO LI

- TEU retains the right to change these products and specifications without incurring any obligation relating to such changes.
- These products and specifications are subject to change without notice.
- Photos and illustrations may or may not include optional equipment and accessories.
- Features and specifications may vary depending on markets.
- Performance data and dimensions are nominal and subject to tolerances.

Manufactured by

TEU

Anhui TEU Forklift Truck Co., Ltd.

Tel: 0086-551-65717981 65717980
Fax: 0086-551-65711998
Zip: 230601
Add: No.656,Fangxing Road, Economic and Technological Development Zone,Hefei,Anhui,China.
Email: admin@teuforklift.com
Web: www.teuforklift.com

Distributed by

Version 1.0/2025

TEU

Efficient Forklift

EFFO LI



Li-Ion Powered Forklift Trucks
2.0-4.0 Ton
(Counter-Balanced Type)

TECHNOLOGY SPECIFICATION

Specifications	1	Manufacturer				TEU													
	2	Model				FLB20			FLB25			FLB30			FLB35			FLB40	
	3	Configure No.				M1	G3	S2	M1	G3	S2	M1	G3	S2	M1	G3	S2	S2	
	4	Max.Lifting capacity			kg	2000			2500			3000			3500			4000	
	5	Load center			mm	500													
	6	Power unit				Lithiun Iron Phosphate battery													
	7	Opeartor type				Seat													
	8	Tire type		front/rear		pneuamatic													
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			1070x155x50	
	12	Tilt angle	fwd/bwd		deg	6/12													
	13	Total length without fork			mm	2460			2530			2705			2760			2870	
	14	Total width			mm	1150						1225			1285			1365	
	15	Mast height (fork lowered)			mm	1995						2075						2125	
	16	Overall height fork raised			mm	4030						4250						4250	
	17	Height of head guard			mm	2120						2140						2140	
	18	Turning raduis(outside)			mm	2190			2260			2445			2495			2530	
	19	Distance from front wheel center to forks face			mm	466						480			485			485	
	20	Right angle stacking aisle (excluding goods length and clearance)			mm	2615			2690			2925			2980			3015	
Performance	21	Speed	Max.travelling speed	full load	km/h	15	18	20	15	18	20	15	18	20	15	18	20	20	
				no load	km/h	15	18	20	15	18	20	15	18	20	15	18	20	20	
	22		Lifting speed	full load	mm/s	370	410	480	360	400	460	340	380	420	330	370	380	380	
				no load	mm/s	400	420	500	400	420	500	380	400	480	370	390	460	480	
	23		Lowering speed	full load	mm/s	410			400			400			380			410	
				no load	mm/s	450			450			420			400			400	
	24	Maximum Gradeability	full load/no load		%	15/15	18/18	20/20	15/15	18/18	20/20	15/15	18/18	20/20	15/15	18/18	20/20	20/20	
Weights	25	Truck weight			kg	3280			3750			4265			4520			4990	
	26	Weight Distribution (with standard battery)	full load	front	kg	4730			5400			6360			6960			7890	
				rear	kg	550			850			905			1060			1100	
	27		no load	front	kg	1490			1360			1660			1550			1780	
				rear	kg	1790			2390			2605			2970			3210	
Chasis&Wheels	28	Tires	Number	front / rear		2 / 2						2 / 2						2 / 2	
	29		Model	front		7.00-12-12PR						28×9-15-12PR						250-15-16PR	
	30			rear		6.00-9-10PR						6.50-10-10PR						6.5-10-10PR	
	31	Wheelbase			mm	1620						1700						1800	
	32	Tread	front		mm	970						1000			1060			1120	
			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	115.2	153.6	80	115.2	153.6	80	115.2	153.6	80	115.2	153.6	153.6	
			Battery capacity (standard)		AH	205	125	230	205	125	230	205	125	230	205	125	230	230	
			Battery capacity (Optional)		AH	280/410	205/230	205	280/410	205/230	205	280/410	205/230	205	280/410	205/230	205	205	
	36	Electric motors	Drive motor (S2)		KW	15	20	20*	15	20	20*	15	20	20*	15	20	20*	20*	
			Hydraulic notor (S3)		KW	15	26	20*	15	26	20*	15	26	20*	15	26	20*	20*	
Cooling	37	Cooling method				Air Cooling		Liquid Cooling	Air Cooling		Liquid Cooling	Air Cooling		Liquid Cooling	Air Cooling		Liquid Cooling	Liquid 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)				
							fork lowered			fork raise (with backrest)								
	FLB20	FLB25	FLB30	FLB35	FLB40		FLB20/25	FLB30/35	FLB40	FLB20/25	FLB30/35	FLB40	forward/ backward	FLB20	FLB25	FLB30	FLB35	FLB40
	kg	kg	kg	kg	kg	mm	mm	mm	mm	mm	mm	mm	degree	kg	kg	kg	kg	kg
VM250	2000	2500	3000	3500	4000	2500	1745	1825	1900	3530	3750	3750	6-12	3260	3730	4147	4467	4938
VM270	2000	2500	3000	3500	4000	2700	1845	1925	2000	3730	3950	3950	6-12	3275	3745	4162	4487	4958
VM300	2000	2500	3000	3500	4000	3000	1995	2075	2150	4030	4250	4250	6-12	3300	3770	4177	4517	4988
VM330	2000	2500	3000	3500	4000	3300	2145	2225	2300	4330	4550	4550	6-12	3325	3795	4212	4547	5018
VM350	2000	2500	3000	3500	4000	3500	2245	2325	2400	4530	4750	4750	6-12	3340	3810	4227	4567	5038
VM366	2000	2500	3000	3500	4000	3660	2370	2405	2480	4780	4910	4910	6-12	3355	3825	4239	4583	5054
VM375	2000	2500	3000	3500	4000	3750	2545	2425	2600	5030	5000	5000	6-6 *6-12	3360	3830	4242	4587	5058
VM400	1900 *2000	2450 *2500	3000	3500	4000	4000	2670	2625	2700	5280	5250	5250	6-6 *6-12	3380	3850	4307	4652	5123
VM450	1900 *1950	2150 *2450	2900 *3000	3000 *3500	3400 *4000	4500	2795	2875	2950	5530	5750	5750	6-6 *6-12	3420	3890	4347	4697	5163
VM475	1800 *1850	1850 *2350	2800 *2950	2900 *3400	3300 *3850	4750	2920	3000	3075	5780	6000	6000	6-6 *6-6	3440	3910	4353	4622	5188
VM500	1652 *1700	1700 *2250	2700 *2850	2800 *3300	3200 *3700	5000	3045	3125	3200	6030	6250	6250	6-6 *6-6	3460	3930	4392	4747	5208
VM550	*1500	*1700	*2400	*2700	*3100	5500	3345	3425	3500	6530	6750	6750	*3-6	3655	4125	4617	4977	5433
VM600	*1300	*1400	*2000	*2300	*2700	6000	3595	3675	3750	7030	7250	7250	*3-6	3695	4165	4657	5022	5473

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)				
							fork lowered			fork raise (with backrest)									
	FLB20	FLB25	FLB30	FLB35	FLB40		FLB20/25	FLB30/35	FLB40	FLB20/25	FLB30/35 /40	FLB20/25	FLB30/35/ 40	forward/ backward	FLB20	FLB25	FLB30	FLB35	FLB40
	kg	kg	kg	kg	kg	mm	mm	mm	mm	mm	mm	mm	mm	degree	kg	kg	kg	kg	kg
VFM250	2000	2500	3000	3500	4000	2500	1745	1825	1875	3530	3760	745	600	6-12	3200	3540	4187	4577	4898
VFM270	2000	2500	3000	3500	4000	2700	1845	1925	1975	4030	3960	845	700	6-12	3215	3555	4207	4597	4918
VFM300	2000	2500	3000	3500	4000	3000	1995	2075	2125	4030	4260	995	850	6-12	3245	3585	4237	4627	4948
VFM330	2000	2500	3000	3500	4000	3300	2145	2225	2275	4330	4560	1145	1000	6-12	3270	3610	4262	4652	4973
VFM350	2000	2500	3000	3500	4000	3500	2245	2325	2375	4530	4760	1245	1100	6-12	3285	3625	4282	4672	4993

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)				
							fork lowered			fork raise (with backrest)									
	FLB20	FLB25	FLB30	FLB35	FLB40		FLB20/25	FLB30/35	FLB40	FLB20/25	FLB30/35 /40	FLB20/25	FLB30/35 /40	forward/ backward	FLB20	FLB25	FLB30	FLB35	FLB40
	kg	kg	kg	kg	kg	mm	mm	mm	mm	mm	mm	mm	mm	degree	kg	kg	kg	kg	kg
VFSM360	2000	2500	3000	3500	4000	3600	1745	1825	1825	4630	4860	745	600	6-6 *6-10	3350	3690	4350	4735	5060
VFSM400	2000	2500	3000	3500	4000	4000	1870	1950	1950	5030	5260	870	725	6-6 *6-10	3385	3725	4380	4770	5095
VFSM435	1900 *2000	2200 *2400	2900 *3000	3200 *3500	3650 *4000	4350	1995	2075	2075	5380	5660	995	850	6-6 *6-10	3415	3755	4415	4810	5130
VFSM450	1800 *1950	2050 *2350	2850 *3000	3100 *3500	3540 *4000	4500	2045	2150	2150	5530	5760	1045	925	6-6 *6-10	3425	3765	4430	4830	5150
VFSM470	1700 *1900	1900 *2300	2800 *2900	2900 *3400	3310 *3880	4700	2110	2190	2190	5960	5960	1110	965	6-6 *6-10	3445	3785	4440	4830	5155
VFSM500	1500 *1800	1600 *2250	2600 *2700	2800 *3100	3200 *3540	5000	2245	2325	2325	6030	6260	1245	1100	6-6 *6-10	3475	3815	4485	4875	5195
VFSM550	1200 *1750	1300 *2150	1900 *2650	2000 *2700	2280 *3085	5500	2370	2460	2460	6430	6760	1370	1250	3-6 *3-6	3505	3845	4535	4910	5230
VFSM600	900 *1650	950 *2250	1400 *2100	1500 *2300	1700 *2630	6000	2595	2675	2675	7030	7260	1595	1450	3-6 *3-6	3595	3935	4605	4995	5320
VFSM650	*900	*1550	*1700	*1700	*1970	*6500	2810	2990	2990	7530	7760	1810	1665	*3-3	3775	4115	4820	5205	5530
VFSM700	*1250	*1250	*1350	*1350	*1540	*7000	3030	3110	3110	8030	8260	2030	1885	*3-3	3825	4165	4875	5265	5590

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