

Wide view mast VM

Mast model	Load center (600mm)			Max.lift height	Mast height				Tilt angle fwd-bwd		Tilt angle fwd-bwd	Weight		
	FLB45	FLB50	FLB60		Fork lowered		Fork lift (with backrest)		FLB45	FLB50/ FLB60		FLB45	FLB50/ FLB60	
					FLB45	FLB50/ FLB60	FLB45	FLB50/ FLB60						
	kg	kg	kg	mm	mm	mm	mm	mm	mm	mm	deg	kg	kg	kg
VM300	4500	5000	6000	3000	2300	2365	4205	4360	140	140	6 - 12	7230	7830	8330
VM350	4500	5000	6000	3500	2550	2615	4705	4860	140	140	6 - 12	7293	7893	8393
VM400	4500	5000	6000	4000	2850	2915	5205	5360	140	140	6 - 6	7407	8007	8507
VM450	4500	5000	6000	4500	3100	3165	5705	5860	140	140	6 - 6	7471	8071	8571
VM500	4500	5000	6000	5000	3350	3415	6205	6360	140	140	6 - 6	7534	8134	8634
VM550	4000 *4400	4000 * 4800	5700	5500	3650	3715	6705	6860	140	140	3 - 6	7610	8210	8710
VM600	3550 * 4000	3550 * 4000	5400	6000	3900	3965	7205	7360	140	140	3 - 6	7711	8311	8811

2 stage free lift mast VFM

Mast model	Load center (600mm)			Max.lift height	Mast height				Tilt angle fwd-bwd		Tilt angle fwd-bwd	Weight		
	FLB45	FLB50	FLB60		Fork lowered		Fork lift (with backrest)		FLB45	FLB50/FLB60		FLB45	FLB50	FLB60
					FLB45	FLB50/FLB60	FLB45	FLB50/FLB60						
	kg	kg	kg	mm	mm	mm	mm	mm	mm	mm	deg	kg	kg	kg
VFM250	4500	5000	6000	2500	2090	2180	3705	3860	755	755	6 - 12	7114	7714	8214
VFM270	4500	5000	6000	2700	2190	2280	3905	4060	855	855	6 - 12	7180	7780	8280
VFM300	4500	5000	6000	3000	2340	2430	4205	4360	955	955	6 - 12	7200	7800	8300
VFM350	4500	5000	6000	3500	2590	2680	4705	4860	1255	1255	6 - 12	7220	7820	8320
VFM375	4500	5000	6000	3750	2715	2805	4955	5110	1380	1380	6 - 12	7280	7880	8380
VFM400	4500	5000	6000	4000	2890	2980	5205	5360	1555	1555	6 - 6	7305	7905	8405
VFM450	4500	5000	6000	4500	3140	3230	5705	5860	1805	1805	6 - 6	7335	7935	8435
VFM500	4500	5000	6000	5000	3390	3480	6205	6360	2055	2055	6 - 6	7455	8055	8555
VFM550	4000 * 4400	4000 * 4800	5600	5500	3690	3780	6705	6860	1710	1710	3 - 6	7505	8105	8605
VFM600	3550 * 4000	3550 * 4000	5300	6000	3940	4030	7205	7360	1960	1960	3 - 6	7655	8255	8755

3 stage free lift mast VFHM

Mast model	Load center (600mm)			Max.lift height	Mast height				Tilt angle fwd-bwd		Tilt angle fwd-bwd	Weight				
	FLB45	FLB50	FLB60		Fork lowered		Fork lift (with backrest)		FLB45	FLB50/FLB60		FLB45	FLB50/FLB60	FLB45	FLB50	FLB60
					FLB45	FLB50/FLB60	FLB45	FLB50/FLB60								
	kg	kg	kg	mm	mm	mm	mm	mm	mm	mm	deg	kg	kg	kg		
VFHM360	4500	4800	5500	3600	2026	2086	4805	4960	810	730	6 - 12	7580	8180	8610		
VFHM400	4500	4800	5500	4000	2160	2220	5205	5360	944	864	6 - 12	7640	8240	8670		
VFHM435	4500	4800	5500	4350	2276	2336	5555	5710	1060	980	6 - 6	7420	8460	8890		
VFHM480	4500	4800	5500	4800	2460	2520	6005	6160	1244	1164	6 - 6	7500	8540	8970		
VFHM500	4400	4700	5300	5000	2526	2586	6205	6360	1310	1230	6 - 6	7560	8600	9030		
VFHM540	3300	3500	5200	5400	2660	2720	6605	6760	1444	1364	6 - 6	7720	8760	9190		
VFHM550	3200	3300	5200	5500	2693	2753	6705	6860	1477	1397	3 - 6	7740	8780	9210		
VFHM600	2400 *3900	2900 *4300	5000	6000	2893	2953	7205	7360	1677	1597	3 - 6	7820	8860	9290		

*When the products and specifications of TEU are changed due to improvement, TEU will not give further notice.



TEU

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Distributor:

Version 1.0/2020

FLB series
45-60

Lithium Battery counterbalance
Forklift Truck

TEU



1 Revolutionary performance improvement

Compared with the traditional battery forklift truck, the load lifting speed and driving speed performance is higher, more power.



2 Wide view mast

Preminent front operation view with unique designed wide view mast (model VM), makes safer and more reliable operation.



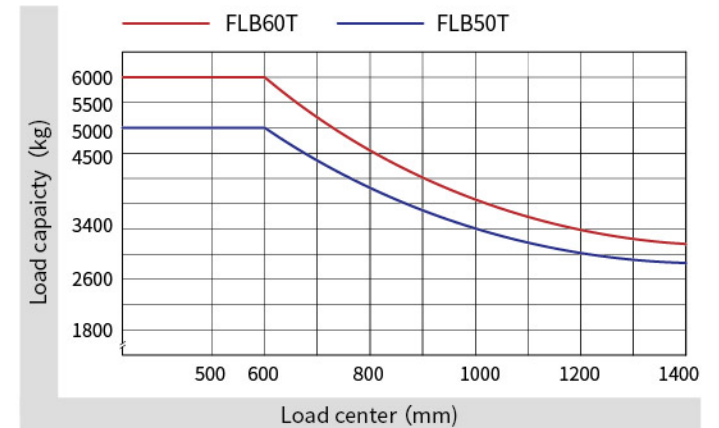
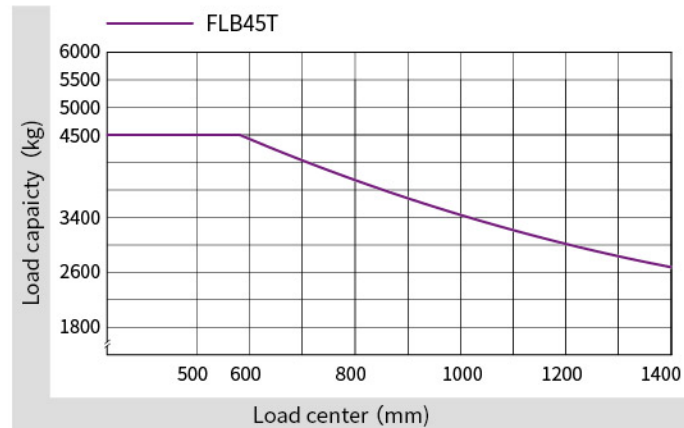
3 Low energy consumption and high endurance

The double permanent magnet synchronous motor, stronger loading capacity, lower energy consumption and less heating.

Main Truck Specifications

SPECIFICATION	Manufacturer					TEU			
	Model					FLB45	FLB50	FLB60	
	Max.lift capacity				kg	4500	5000	6000	
	Load center				mm	600	600	600	
	Power unit					Lithium Iron Phosphate Battery (LFP Battery)			
	Operator type					Driver/seat			
	Max.lift height					3000	3000	3000	
	Free lift					140	140	140	
	DIMENSIONS	⑥	Fork size				mm	1220×150×60	1220×150×60
④		Fork adjustment range(outside)				mm	300~1370	300~1370	300~1370
		Tilt angle				mm	6/12	6/12	6/12
		Total length without fork				deg	3183	3213	3422
②		Total width				mm	1485	1485	1970
		Mast height (fork lowered)				mm	2300	2360	2360
		Overall height fork raised				mm	4143	4420	4420
		Height of head guard				mm	2270	2270	2270
⑦		Turning raduis(inside)				mm	280	280	280
⑧		Turning raduis (outside)				mm	2860	2860	3100
①		Distance from front wheel center to forks face				mm	560	590	590
		Right angle stacking aisle (excluding goods length and clearance)				mm	3420	3450	3690
⑨		Min.width of right angle stacking aisle				mm	2580	2580	2820
PERFORMANCE			Speed	Max. travelling speed	Full Load	km/h	20	20	20
	No Load	km/h			20	20	20		
		Lifting speed		Full Load	mm/s	440	440	380	
	No Load			mm/s	600	600	430		
		Lowering speed	Full Load	mm/s	520	520	450		
	No Load		mm/s	490	490	500			
		Maximum traction force			Full Load/No Load	kg	4500/2000	4500/2000	4500/2000
	Maximum Gradeability 1.6km/h			Full Load/No Load	%	25/25	25/25	25/25	
WEIGHTS	Truck weight(without battery)				kg	7430	7930	8330	
	Weight Distribution (with standard battery)	Full load	Front	kg	11300	11700	13070		
			Rear	kg	1140	1240	1260		
		No load Tires type	Front	kg	3430	3430	3560		
			Rear	kg	4000	4500	4760		
CHASSIS & WHEELS		Tires	Wheel(x=driving)	Fwd/bwd		2 / 2	2 / 2	4/2	
				Fwd/bwd		Pneumatic Tyre		Pneumatic Tyre/Solid fetus	
	Model		Front Axle		300-15-18PR	300-15-18PR	8.25x15-14PR		
			Rear Axle		7.00-12-12PR	7.00-12-12PR	7.00-12/5.00		
	Wheelbase				mm	2000	2000	2200	
	③	Tread	Front	mm	1180	1180	1450		
	Fear		mm	1190	1190	1190			
	⑤	Ground Clearance	At lowest point (mast)			mm	100	100	130
			Frame			mm	240	240	240
		Brake	Service brake				Hydraulic-foot pedal		
	Parking brake				Mechanical-hand lever				
DRIVE LINE		Battery (standard)	Voltage/capacity		V/AH	156V/330Ah	156V/330Ah	156V/330Ah/440Ah	
		Electric motors	Drive motor		Kw	30	30	30	
			Hydraulic motor		Kw	28	28	28	
		Control mode					liquid-cooled AC magnet synchronous type		
	Operating pressure	Hydraulic system pressure			kg/cm²	200	200	200	

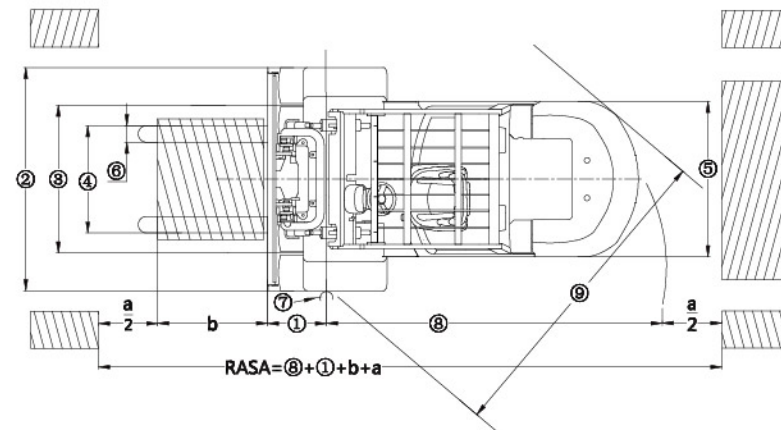
Load curve



Notes:

- Vertical axis represents load capacity; Horizontal axis shows load center, Load center is determined from front face of the fork.
- Capacity based on a 1200mm cube load configuration with the center of gravity at the true center of the cube, and standard fork.
- The load capacity will be reduced while the mast tilt forward or loading with long fork or lifting transformable width of goods.

- Getting the load capacities at the various load centers timely via the load curve.
- TEU's products and specifications change without prior notice.
- TEU's forklift truck has equipped with standard safety device.
- TEU is not responsible for the damage occurred by removing its safety device.



RASA=right angle stacking aisle
b=loaded length
a=clearance

Standard equipments

- | | | | | |
|----------------------|------------------------------|---------------------|---------------------------------------|-----------------|
| • Wide view mast | • Long-life tires | • Side roller | • Headlamp andsteering indicator lamp | • Electric horn |
| • Load one-way valve | • Overhead guard | • Standard carriage | • Charge indicator lamp | • General seat |
| • King Pin | • Power steering | • Reversing Buzzer | • Hour meter | • Rear mirror |
| • Standard backrest | • Adjustable steering column | • Tools | • Reversing light | |

Options

- | | | | | |
|---------------------|-------------------|---------------|------------------------|--------------------------|
| • Fire extinguisher | • Heater unit | • Solid tires | • Tilt cylinder jacket | • Rotating warning light |
| • cab | • Rear work light | | | |

Attachments

- | | | | | |
|-------------------|------------------|----------------|----------|----------|
| • Side shifter | • Carpet boom | • Longer forks | • Clamps | • Others |
| • Fork positioner | • Fork extension | | | |