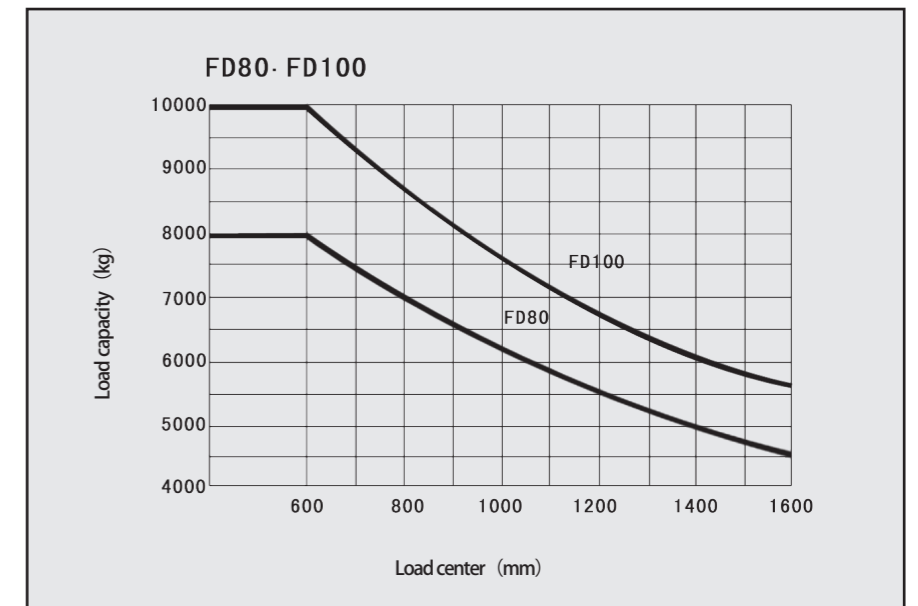
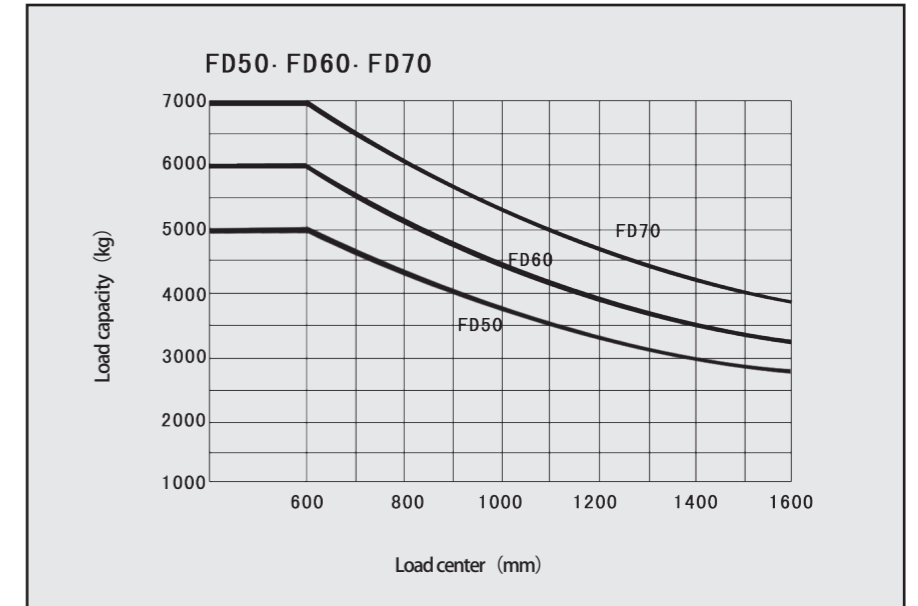


■ Main Truck Specifications

Specifications				TEU													
				FD50	FD60	FD70	FD80	FD100									
1		Manufacturer															
2		Model															
3		Load capacity		kg	5000	6000	7000	8000	10000								
4		Load center		mm	600	600	600	600	600								
5		Power unit			diesel	diesel	diesel	diesel	diesel								
6		Operator type			driver / seat	driver / seat	driver / seat	driver / seat	driver / seat								
7		Tire type		front / rear	pneumatic	pneumatic	pneumatic	pneumatic	pneumatic								
8		Wheels		front / rear	4×2	4×2	4×2	4×2	4×2								
Dimensions		9		Max.lifting height	mm	3000	3000	3000	3000	3000							
		10		Free lift	mm	205	205	210	205	205							
		11		Fork size	L×W×T	mm	1220×150×60	1220×150×60	1220×150×65	1220×170×75	1220×175×75						
		12		Tilt angle	forward / backward	deg	6 / 12	6 / 12	6 / 12	6 / 12	6 / 12						
		13		Overall length(without fork)		mm	3455	3530	3590	3740	4255						
		14		Total width		mm	1995	1995	1995	1995	2245						
		15		Mast height(fork lowering)		mm	2500	2500	2500	2625	2850						
		16		Overall height fork raised		mm	4420	4420	4420	4545	4330						
		17		Height of head guard		mm	2450	2450	2450	2450	2560						
		18		Turning raduis(outside)		mm	3250	3300	3360	3550	3900						
		19		Load distance		mm	615	615	620	620	710						
		20		Right angle stacking aisle (pallet size:1100×1100 add clearance)		mm	5500	5550	5620	5770	6250						
Performance		21		Travelling	full	km/h	26	26	26	26	24						
					no load	km/h	30	30	30	30	30						
		22		Speed	Lifting	full	mm/s	500	500	450	450	390					
						no load	mm/s	550	550	550	550	410					
		23		Lowering	full	mm/s	450	450	450	450	470						
					no load	mm/s	500	500	500	500	340						
24		Max.drawbar pull		Full / no load	kg	5500/2250	5500/2250	5400 / 2200	5300 / 2150	5850 / 3200							
25		Gradeability at 1.6km/h		Full	%	37	33	29	24	22							
26		Max.gradeability		Full / no load	%	42 / 19	38 / 19	33 / 19	26 / 22	24 / 20							
Weights		27		Weight		kg	8050	8750	9450	10450	12450						
		28		Weight distribution	Full	front	kg	11710	13090	14520	16370	20160					
						rear	kg	1340	1660	1930	2080	2290					
		29		No load	front	kg	4020	3860	3760	4060	5480						
rear	kg				4030	4890	5690	6390	6970								
Chassis & Wheels		30		Number		front / rear	4 / 2	4 / 2	4 / 2	4 / 2	4 / 2						
		31		Tires	Size	front		8.25×15-14PR	8.25×15-14PR	8.25×15-14PR	8.25×15-14PR	9.00×20-14PR					
						rear		8.25×15-14PR	8.25×15-14PR	8.25×15-14PR	8.25×15-14PR	9.00×20-14PR					
		32		Wheelbase		mm	2250	2250	2250	2400	2800						
		34		Tread	Front	mm	1470	1470	1470	1470	1600						
					Rear	mm	1700	1700	1700	1700	1700						
35		Ground clearance		At lowest point(mast)	mm	190	190	190	190	245							
		Frame		mm	230	230	230	230	320								
36		Brake		Service brake		power brake	power brake	power brake	power brake	power brake							
		Paking brake			mechanical-hand lever	mechanical-hand lever	mechanical-hand lever	mechanical-hand lever	mechanical-hand lever	mechanical-hand lever							
Drive Line		37		Battery		V/AH	2×12V-80AH	2×12V-80AH	2×12V-80AH	2×12V-80AH	2×12V-80AH						
		38		Engine	Model			ISUZU 6BG1	Mitsubishi S6S-T	ISUZU 6BG1	Mitsubishi S6S-T	ISUZU 6BG1	Chaochai 6102BG	ISUZU 6BG1	Chaochai 6102BG		
					Rated power		KW/rpm	82.3 / 2000	67.6 / 2300	82.3 / 2000	67.6 / 2300	82.3 / 2000	67.6 / 2300	82.3 / 2000	80.8 / 2500	82.3 / 2000	80.8 / 2500
					Rated torque		N-m/rpm	418 /1500	293 /1700	418 /1500	293 /1700	418 /1500	293 /1700	418 /1500	354 /1650	418 /1500	354 /1650
					Number of cylinders			6	6	6	6	6	6	6	6	6	6
Displacement		L	6.494	4.996	6.494	4.996	6.494	4.996	6.494	5.785	6.494	5.785					
39		Fuel tank capacity		L	140	140	140	140	140	140							
40		Transmission		Shift stage (front / rear-type)		2 / 2 —Power shift T/M	2 / 2 —Power shift T/M	2 / 2 —Power shift T/M	2 / 2 —Power shift T/M	2 / 2 —Power shift T/M							
41		Operating pressure		Hydraulic system pressure	kg/cm²	200	200	200	200	200							

Note: There's also Yanmar 4TNE98, Chinese Xinchai C495 diesel engine for option, and the specs will be little different.

Loading chart



Notes:

Vertical axis represents load capacity; Horizontal axis shows load center. Load center are determined from front face of the fork. Capacity based on a 1000mm 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 forklift truck has equipped with standard safety device. TEU is not responsible for the damage occurred by removing its safety device.

Standard equipments:

Wide view mast, Cyclone air cleaner With dust indicator, Load one-way valve, Preheat indicator, King Pin, Engine-start switch, Standard backrest, Long-life tires, Overhead guard, Oil and water separator, Power steering, Adjustable steering column, Radiator water tank, Side roller, Standard carriage, Oil temperature cooler, Headlamp and steering indicator lamp, Charge indicator lamp, Hour meter, Oil warning light of engine, Water temperature gauge, Fuel gauge, Reversing light, Electric horn, Neutral-safety switch, Paper file, Rear mirror, Tools, Reversing Buzzer, General seat.

Options:

Fire extinguisher, cab, Heater unit, Rear work light, Solid tires, Fireproof silencer, Upper exhaust pipe, Tilt cylinder jacket, Rotating warning light, LPG Conversion device, Pre-filtration air intake device.

Attachments:

Side shifter, Fork positioned, Carpet boom, Fork extension, Long fork, Flat clamp, Others.

FD50 FD60 FD70 Wide view mast VM

Mast Model	Load center 600mm			Max. lift height	Mast height		Free lift with backrest			Tilt angle fwd-bwd	Weight with backrest		
	FD50	FD60	FD70		fork lowered	fork lift with backrest	FD50	FD60	FD70		FD50	FD60	FD70
	kg	kg	kg		mm	mm	mm	mm	mm		mm	mm	mm
VM300	5000	6000	7000	3000	2500	4420	205	205	210	6 - 12	8050	8750	9450
VM330	5000	6000	7000	3300	2650	4720	205	205	210	6 - 12	8100	8800	9500
VM350	5000	6000	7000	3500	2750	4920	205	205	210	6 - 12	8130	8830	9530
VM400	5000	6000	7000	4000	3050	5420	205	205	210	6 - 12	8320	9020	9720
VM450	5000	6000	7000	4500	3300	5920	205	205	210	6 - 12	8410	9110	9810
VM500	5000	6000	7000	5000	3550	6420	205	205	210	6 - 6	8520	9220	9920
VM550	4750	5700	6600	5500	3850	6920	205	205	210	3 - 6	8720	9420	10120
VM600	4400	5400	6400	6000	4100	7420	205	205	210	3 - 6	8800	9500	10200

FD50 FD60 FD70 2 Stage free lift mast VFM

Mast Model	Load center 600mm			Max. lift height	Mast height		Free lift with backrest			Tilt angle fwd-bwd	Weight with backrest		
	FD50	FD60	FD70		fork lowered	fork lift with backrest	FD50	FD60	FD70		FD50	FD60	FD70
	kg	kg	kg		mm	mm	mm	mm	mm		mm	mm	mm
VFM220	5000	6000	7000	2200	2225	3620	855	855	860	6 - 12	7990	8690	9390
VFM300	5000	6000	7000	3000	2625	4420	1255	1255	1260	6 - 12	8110	8810	9510
VFM330	5000	6000	7000	3300	2775	4720	1405	1405	1410	6 - 12	8160	8860	9560
VFM350	5000	6000	7000	3500	2875	4920	1505	1505	1510	6 - 12	8190	8890	9590
VFM400	5000	6000	7000	4000	3175	5420	1805	1805	1810	6 - 12	8390	9090	9790
VFM450	5000	6000	7000	4500	3425	5920	2055	2055	2060	6 - 12	8470	9170	9890

FD50 FD60 FD70 3 Stage free lift mast VFHM

Mast Model	Load center 600mm			Max. lift height	Mast height		Free lift with backrest			Tilt angle fwd-bwd	Weight with backrest		
	FD50	FD60	FD70		fork lowered	fork lift with backrest	FD50	FD60	FD70		FD50	FD60	FD70
	kg	kg	kg		mm	mm	mm	mm	mm		mm	mm	mm
VFHM400	4500	5500	6200	4000	2500	5400	1130	1130	1135	6 - 10	8640	9340	10040
VFHM435	4500	5500	6200	4350	2650	5750	1255	1255	1260	6 - 10	8720	9420	10120
VFHM480	4500	5500	6200	4800	2775	6200	1405	1405	1410	6 - 10	8800	9500	10200
VFHM500	4500	5500	6200	5000	2875	6400	1505	1505	1510	6 - 10	8860	9560	10260
VFHM600	4200	5000	5500	6000	3300	7400	1930	1930	1935	3 - 6	9220	9920	10620

FD80 FD100 Wide view mast

Mast Model	Load center 600mm		Max. lift height	Mast height		Free lift with backrest	Tilt angle fwd-bwd	Weight with backrest	
	FD80	FD100		(1) fork lowered	(2) fork lift with backrest			FD80	FD100
	kg	kg		mm	mm			kg	kg
VM300	8000	10000	3000	2850	4330	205	6 - 12	10450	12450
VM350	8000	10000	3500	3100	4830	205	6 - 12	10560	12560
VM400	8000	10000	4000	3400	5330	205	6 - 12	10810	12810
VM450	8000	10000	4500	3650	5830	205	6 - 12	10920	12920
VM500	7800	10000	5000	3900	6330	205	6 - 6	11020	13020
VM550	7400	9000	5500	4200	6830	205	3 - 6	11270	13270
VM600	7000	8000	6000	4450	7330	205	3 - 6	11380	13380

Notes:
 (1) Fork lowered for FD80:-125mm;
 (2) Fork lift with backrest for FD80:+215mm;

TEU'S products and its specifications change without prior notice



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FD Series 50-100 Counter Balanced Forklift



Three Features

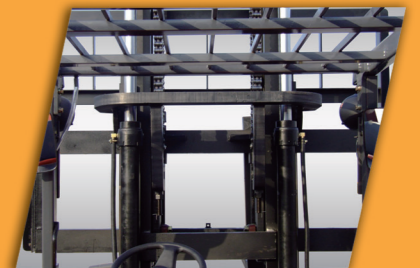


1 New style environmental protection and efficient engine.

Equipped with powerful and efficient engine, suitable for the latest Chinese II emission standard and Europe III emission standard(S6ST).

2 Hydraulic steering system

Steering system with horizontal cylinder provides with fixable and convenient veer operation and maintainability.



3 Wide view mast

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

