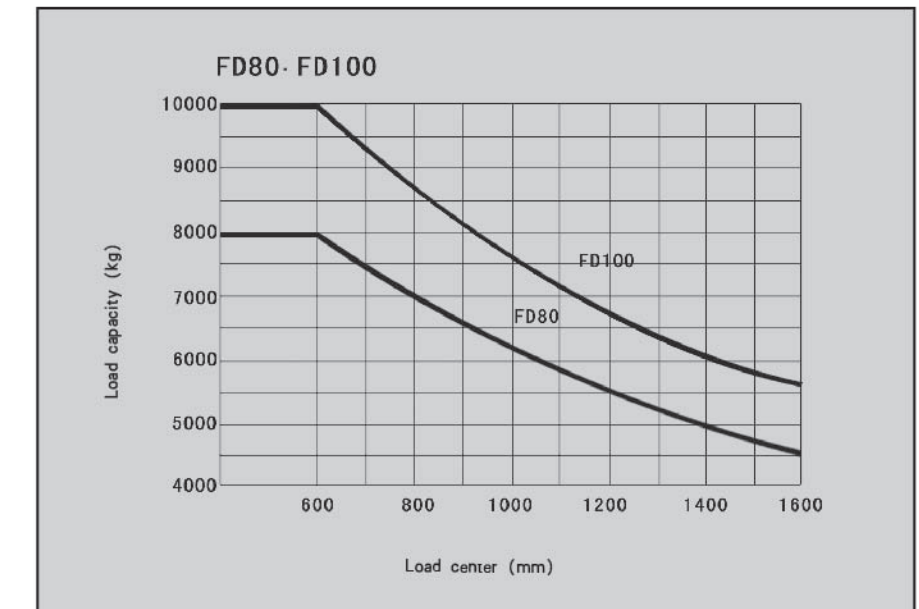
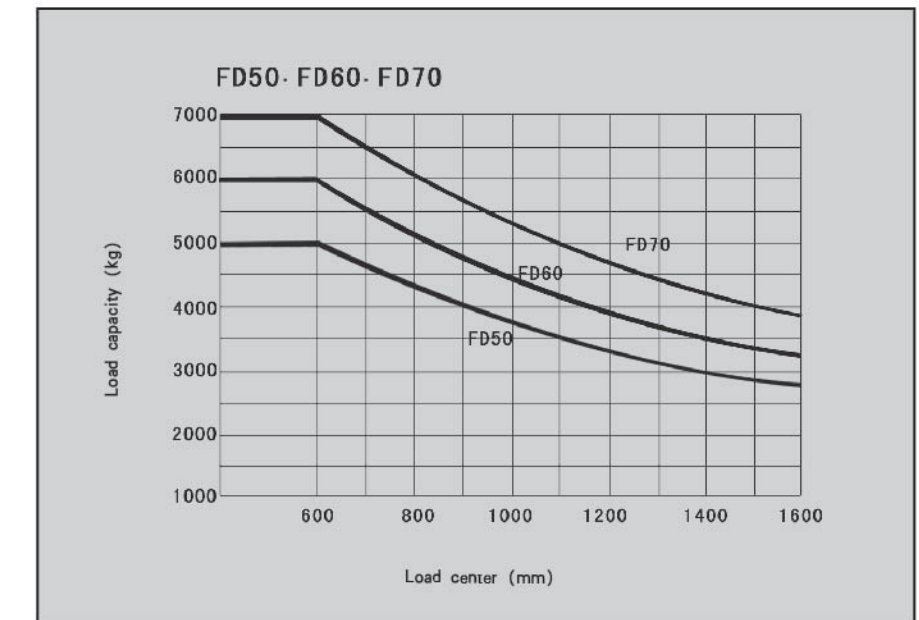


## ■ Main Truck Specifications

Specifications				TEU												
				FD50		FD60		FD70		FD80		FD100				
1	Manufacturer															
2	Model			FD50		FD60		FD70		FD80		FD100				
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				
		10	Free lift	mm		205		205		210		205				
		11	Fork size	L×W×T		mm		1220×150×60		1220×150×60		1220×150×65		1220×170×75		
		12	Tilt angle	forward / backward		deg		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 lowered )	mm		2500		2500		2500		2625		2850		
		16	Overall height fork raised (with backrest)	mm		4420		4420		4420		4420		4330		
		17	Height of head guard	mm		2450		2450		2450		2450		2560		
		18	Turning radius(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	Speed	Travelling	full load	km/h		26		26		24				
					no load	km/h		30		30		30				
		22	Lifting	full load	mm/s		500		500		450		390			
				no load	mm/s		550		550		550		410			
		23	Lowering	full load	mm/s		450		450		450		470			
				no load	mm/s		500		500		500		340			
24	Max.drawbar pull	Full / no load		kg		5500/2250		5500/2250		5400 / 2200		5300 / 2150				
25	Gradeability at 1.6km/h	Full load		%		37		33		29		24				
26	Max.gradeability	Full / no load		%		42 / 19		38 / 19		33 / 19		26 / 22				
Weights		27	Truck weight	kg		8050		8750		9450		10450				
		28	Weight distribution	Full load	front	kg		11710		13090		14520		20160		
					rear	kg		1340		1660		1930		2290		
		29	No load	front	kg		4020		3860		3760		4060			
rear	kg			4030		4890		5690		6390						
Chassis & Wheels		30	Number	front / rear		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			
		Parking brake			mechanical-hand lever		mechanical-hand lever		mechanical-hand lever		mechanical-hand lever		mechanical-hand lever			
Drive Line		37	Battery	Voltage / capacity		V/AH		2×12V-80AH		2×12V-80AH		2×12V-80AH				
		38	Engine	Model			ISUZU 6BG1		Chaochai 6BG332		ISUZU 6BG1		Chaochai 6BG332			
				Rated power	KW/rpm		82.3/2000		85/2200		82.3/2000		85/2200		82.3/2000	
				Rated torque	N·m/rpm		418/1500		450/1650		418/1500		450/1650		418/1500	
				Number of cylinders			6		6		6		6		6	
39	Fuel tank capacity	L		140		140		140		140		140				
40	Transmission	Shift stage (front / rear-type)		2 / 2 —automatic		2 / 2 —automatic		2 / 2 —automatic		2 / 2 —automatic		2 / 2 —automatic				
41	Hydraulic system pressure	kg/cm <sup>2</sup>		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 is 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, Rotating warning light.

### Options:

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

### Attachments:

Side shifter, Fork positioner, Carpet boom, Fork extension, Longer forks, Clamps, 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		
	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
VM250	5000	6000	7000	3000	2500	4420	205	205	210	6 - 12	8050	8750	9450
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		
	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
VFM210	5000	6000	7000	2100	2175	3520	555	555	555	6 - 12	7881	8581	9281
VFM300	5000	6000	7000	3000	2625	4420	1005	1005	1005	6 - 12	8110	8810	9510
VFM330	5000	6000	7000	3300	2775	4720	1155	1155	1155	6 - 12	8160	8860	9560
VFM350	5000	6000	7000	3500	2875	4920	1255	1255	1255	6 - 12	8190	8890	9590
VFM400	5000	6000	7000	4000	3175	5420	1555	1555	1555	6 - 12	8390	9090	9790

FD50 FD60 FD70 3 Stage free lift mast VFHM

Mast Model	Load center 600mm					Max. lift height	Mast height (5-7)		Mast height (8)		Mast height (10)		Free lift with backrest					Tilt angle fwd-bwd	Weight					
	FD50	FD60	FD70	FD80	FD100		fork lowered	fork lift with backrest	fork lowered	fork lift with backrest	fork lowered	fork lift with backrest	FD50	FD60	FD70	FD80	FD100		FD50	FD60	FD70	FD80	FD100	
	kg	kg	kg	kg	kg		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm		mm	mm	mm	mm	mm	mm
VFHM400	4500	5500	6200	7200	10000	4000	2460	5420	2585	5420	2725	913	913	913	913	6 - 10	8640	9340	10040					
VFHM435	4500	5500	6200	7200	9200	4350	2575	5770	2700	5770	2842	5575	1028	1028	1028	1028	6 - 10	8720	9420	10120				
VFHM450	4500	5500	6200	7200	9200	4500	2575	5770	2750	5920	2892	5725	1028	1028	1028	1078	6 - 10	8720	9420	10120				
VFHM480	4500	5500	6200	7200	9000	4800	2730	6220	2855	6220	2992	6025	1183	1183	1183	1183	6 - 10	8800	9500	10200				
VFHM500	4500	5500	6200	7200	8800	5000	2795	6420	2920	6420	3059	6225	1248	1248	1248	1248	6 - 6	8860	9560	10260				
VFHM540	4500	5500	6200	7200	8600	5000	2795	6420	3055	6820	3242	6625	1383	1383	1383	1383	6 - 6	8860	9560	10260				
VFHM600	4200	5000	5500	6500	8000	6000	3130	7420	3255	7420	3442	7225	1583	1583	1583	1583	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	
	FD80	FD100		fork lowered		fork lift with backrest				FD80	FD100
	kg	kg		mm	mm	mm	mm			mm	mm
VM300	8000	10000	3000	2620	2850	4540	4330	205	6 - 12	10450	12450
VM350	8000	10000	3500	2870	3100	5040	4830	205	6 - 12	10560	12560
VM400	8000	10000	4000	3170	3400	5540	5330	205	6 - 12	10810	12810
VM450	8000	10000	4500	3420	3650	6040	5330	205	6 - 12	10920	12920
VM500	7800	10000	5000	3670	3900	6540	6330	205	6 - 6	11020	13020
VM550	7400	9000	5500	3970	4200	7040	6830	205	3 - 6	11270	13270
VM600	7000	8000	6000	4220	4450	7540	7330	205	3 - 6	11380	13380

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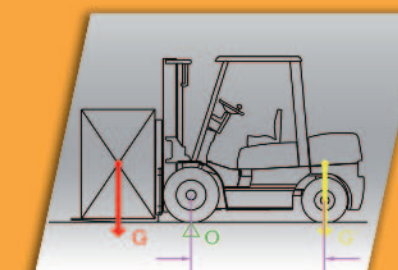
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# FD Series 50-100 Counter Balanced Forklift



## Three Features



**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.

**1 New style environmental protection and efficient engine.**

Equipped with powerful and efficient engine, suitable for the latest Chinese and Europe emission standard

