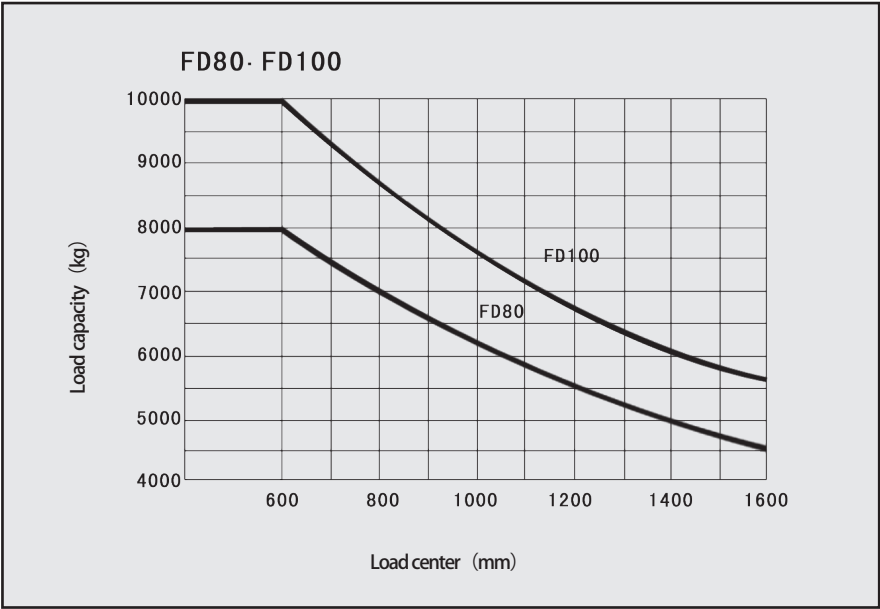
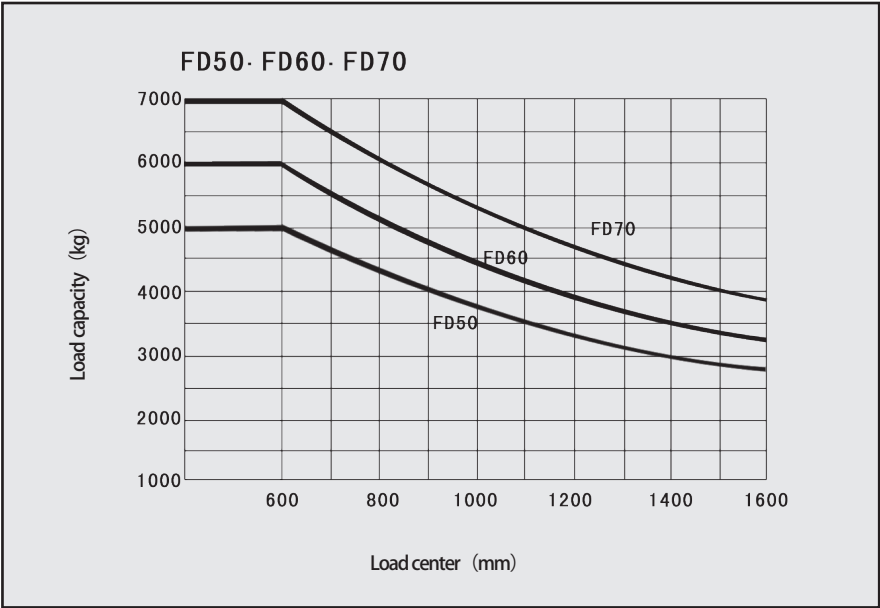


Main Truck Specifications

Specifications	1	Manufacturer				SOCMA											
	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		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	Speed	Travelling	full	km/h	26		26		26		26		24			
	no load			km/h	30		30		30		30		30				
	22		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	Gradeabilty at 1.6km/h	Full		%	37		33		29		24		22				
26	Max.gradeabilty	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	Tires	Number	front / rear		4 / 2		4 / 2		4 / 2		4 / 2		4 / 2			
	31		Size	front		8.25×15-14PR		8.25×15-14PR		8.25×15-14PR		8.25×15-14PR		9.00×20-14PR			
	32			rear		8.25×15-14PR		8.25×15-14PR		8.25×15-14PR		8.25×15-14PR		9.00×20-14PR			
	33	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					
Drive Line	37	Battery	Voltage / capacity		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	Mitsubishi S6S-T	ISUZU 6BG1	Chaochai6102BG	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						
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						
41	Operating pressure		Hydraulic system pressure		kg/cm²	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.

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SOCMA forklift truck has equipped with standard safety device.

SOCMA 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	deg	kg
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	deg	kg	kg	kg
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		deg	kg	kg
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;

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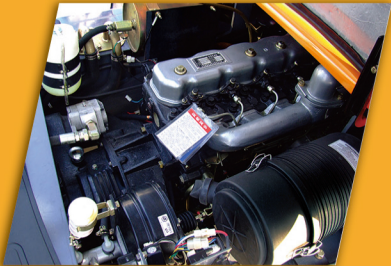
Distributor



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.

