

**XCB-DT50 XCB-DT60 XCB-DT70 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		
	XCB-DT50	XCB-DT60	XCB-DT70		fork lowered	fork lift with backrest	XCB-DT50	XCB-DT60	XCB-DT70		XCB-DT50	XCB-DT60	XCB-DT70
	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

**XCB-DT50 DT60 DT70 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		
	XCB-DT50	XCB-DT60	XCB-DT70		fork lowered	fork lift with backrest	XCB-DT50	XCB-DT60	XCB-DT70		XCB-DT50	XCB-DT60	XCB-DT70
	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

**DT50 DT60 DT70 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		
	XCB-DT50	XCB-DT60	XCB-DT70		fork lowered	fork lift with backrest	XCB-DT50	XCB-DT60	XCB-DT70		XCB-DT50	XCB-DT60	XCB-DT70
	kg	kg	kg		mm	mm	mm	mm	mm		mm	mm	mm
VFHM400	4500	5500	6200	4000	2460	5420	913	913	913	6 - 10	8640	9340	10040
VFHM435	4500	5500	6200	4350	2575	5770	1028	1028	1028	6 - 10	8720	9420	10120
VFHM480	4500	5500	6200	4800	2730	6220	1183	1183	1183	6 - 10	8800	9500	10200
VFHM500	4500	5500	6200	5000	2795	6420	1248	1248	1248	6 - 6	8860	9560	10260
VFHM600	4200	5000	5500	6000	3130	7420	1583	1583	1583	3 - 6	9220	9920	10620

**DT80 DT100 Wide view mast**

Mast Model	Load center 600mm		Max. lift height	Mast height				Free lift with backrest	Tilt angle fwd-bwd	Weight with backrest	
	XCB-DT80	XCB-DT100		fork lowered		fork lift with backrest				XCB-DT80	XCB-DT100
	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

TEU'S products and its specifications change without prior notice



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Distributor:



**XCB-DT50/60/70/80/100**  
**Internal Combustion Diesel 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.

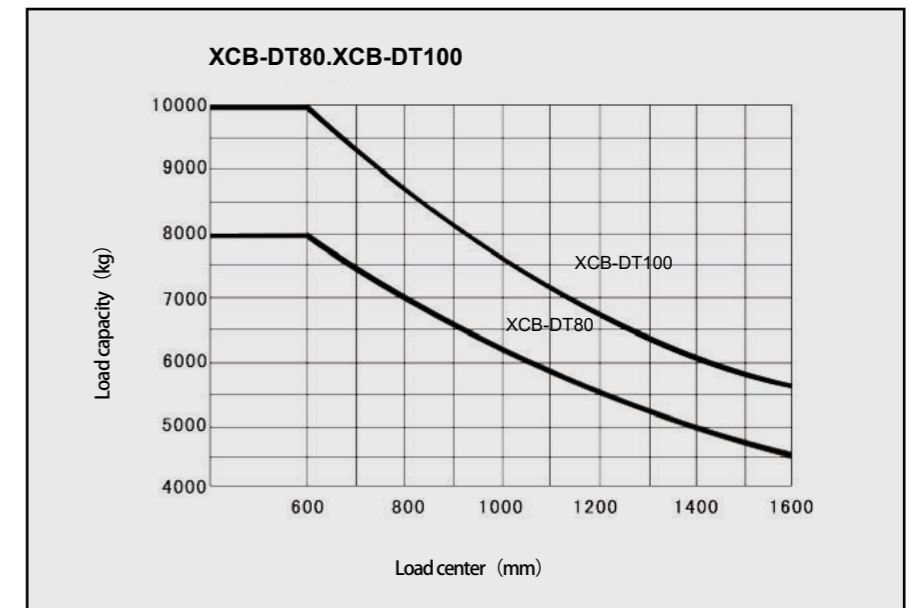
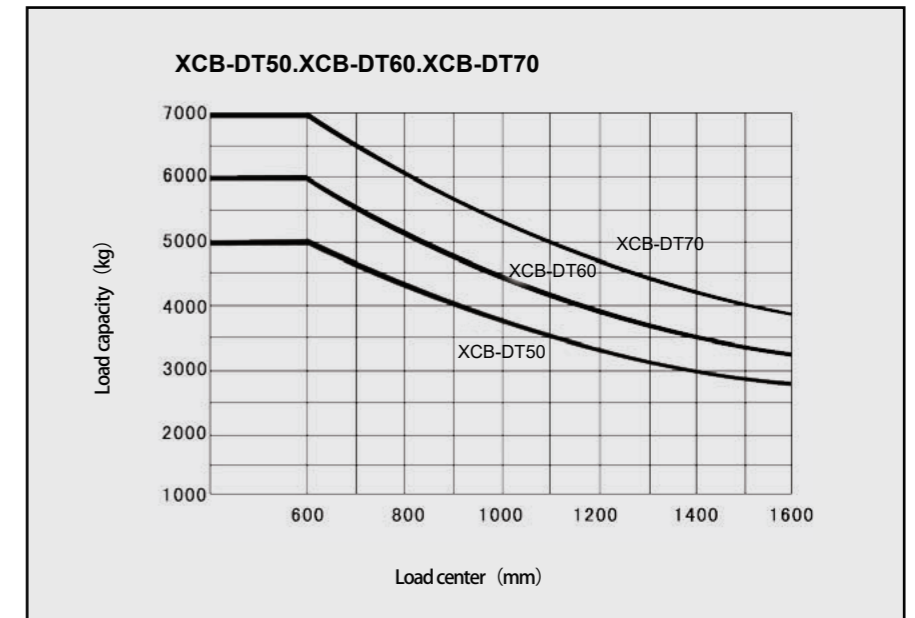


## ■ Main Truck Specifications

Specifications		XCMG														
				XCB-DT50		XCB-DT60		XCB-DT70		XCB-DT80		XCB-DT100				
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														
6	Operator type	driver / seat														
7	Tire type	front / rear	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		1220×175×75				
		12	Tilt angle	forward / backward	deg	6 / 12		6 / 12		6 / 12		6 / 12				
		13	Overall length(without fork)	mm	3455		3455		3590		3740		4255			
		14	Total width	mm	1995		1995		1995		1995		2245			
		15	Mast height(fork lowering)	mm	2500		2500		2500		2620		2850			
		16	Overall height fork raised	mm	4420		4420		4420		4540		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 load	km/h	26		26		24					
		no load			km/h	30		30		30						
		Lifting		full load	mm/s	500		500		450		450				
				no load	mm/s	550		550		550		410				
		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		5850 / 3200				
25	Gradeability at 1.6km/h	Full load	%	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	Tires	Number	front / rear	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		
					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													
		Paking brake	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		CHAOCHAI 6BG332	ISUZU 6BG1	CHAOCHAI 6BG332	ISUZU 6BG1	CHAOCHAI 6BG332	ISUZU 6BG1	CHAOCHAI 6BG332	ISUZU 6BG1	CHAOCHAI 6BG332	ISUZU 6BG1	
				Rated power	KW/rpm	85 / 2200	82.4/2000	85 / 2200	82.4/2000	85 / 2200	82.4/2000	85 / 2200	82.4/2000	85 / 2200	82.4/2000	
				Rated torque	N·m/rpm	450/1650	416.8/1500	450/1650	416.8/1500	450/1650	416.8/1500	450/1650	416.8/1500	450/1650	416.8/1500	
				Number of cylinders		6	6	6	6	6	6	6	6	6	6	
Displacement	L	5.785	6.494	5.785	6.494	5.785	6.494	5.785	6.494	5.785	6.494					
39	Fuel tank capacity	L	140		140		140		140		140					
40	Transmission	Shift stage (front / rear-type)	2 / 2 —automatic													
41	Hydraulic system pressure	kg/cm <sup>2</sup>	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. XCMG's products and specifications change without prior notice. XCMG forklift truck has equipped with standard safety device. XCMG 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.