



2.0-10.0T INTERNAL COMBUSTION COUNTERBALANCED FORKLIFT



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PRODUCT INTRODUCTION

XCMG's XCF series internal combustion counterbalanced forklifts are developed using XCMG's proprietary core technologies and components. Adopting a customer-centric research and development approach, we have created a series of high-performance forklifts that are suitable for all regions, weather conditions, and working environments. These forklifts are widely used in logistics areas such as ports, docks, freight yards, steel mills, and warehouses.

Industry -leading electronic control technology

The highly integrated joint control system of the engine, transmission, hydraulic system, and electronic control system offers efficient control, a low failure rate, long-distance transmission of control information, and quick response. This allows the machine to handle various challenging working conditions with ease.

Power matching technology and control technology

The system can automatically identify dynamic power requirements and adjust the engine according to load changes, maximizing the machine's high efficiency and low fuel consumption characteristics.

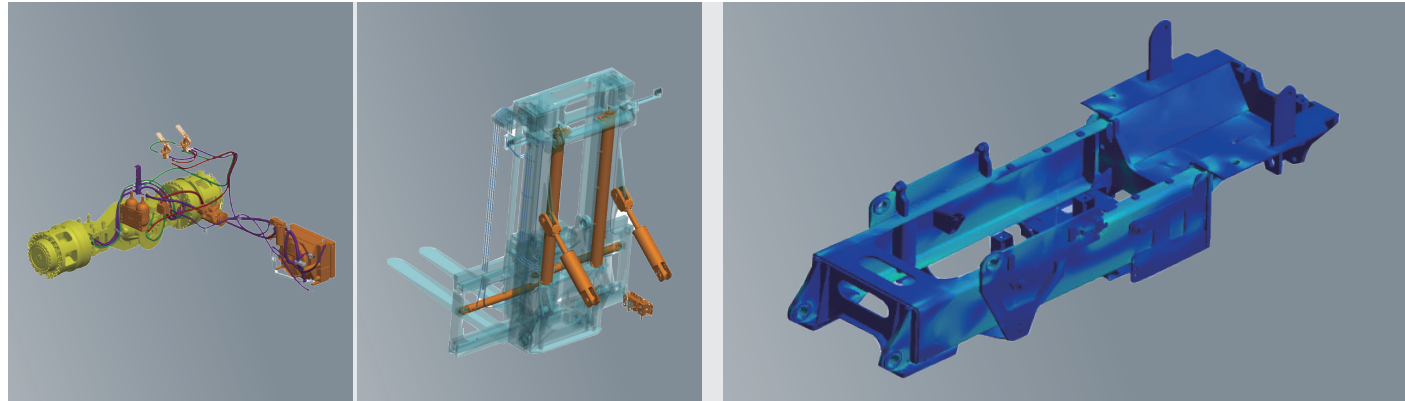


The flow adaptive load-sensitive hydraulic system

It can accurately adjust the displacement and pressure of the oil pump in real-time according to the load, thereby avoiding overflow and effectively reducing energy consumption during operation.

Solid Structural Design

Finite element analysis and Zeroth-Order design optimization method are used to improve the core structure in the design process to ensure the strength and stiffness of the structural parts.



• Reliability ▶▶▶

- The large-capacity aluminum radiator optimizes the heat dissipation channels to further improve the heat dissipation capacity of the entire machine and ensure reliable engine operation.
- The hydraulic system of XCMG forklifts adopts a 24° cone seal with better sealing as standard. It upgrades the commonly used D-type joint linear seal in the industry to a dual-seal configuration that combines cone seal and O-ring seal, significantly reducing the possibility of hydraulic system leakage.
- The cast shock-absorbing steering axle is dustproof and waterproof, improving the reliability of key components such as the kingpin.

• Security ▶▶▶

- With the same lifting capacity, the overall stability of the forklift is significantly improved compared to models with a shorter wheelbase. Additionally, it reduces the load on the steering axle, thereby extending the lifespan of the steering tires.
- Using an integral hood, the internal frame ribs have strong structural strength and reliable quality.
- A more reliable frame structure increases stiffness.



• Convenient Maintenance ▶▶▶

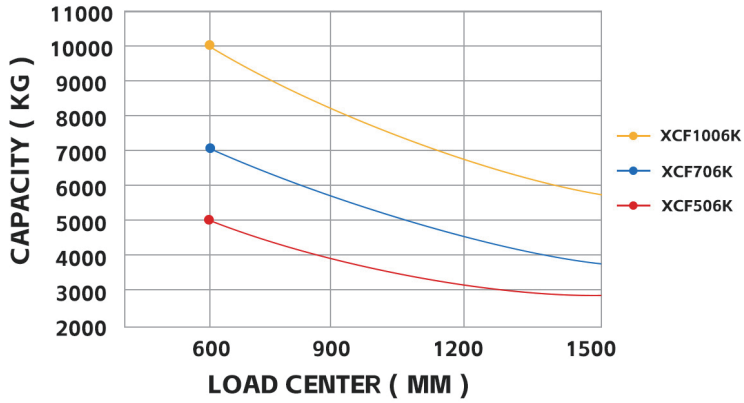
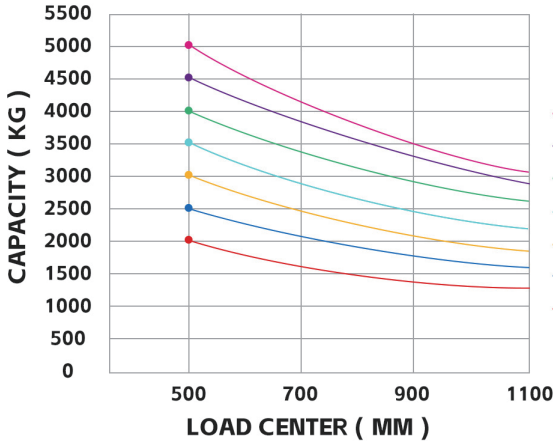
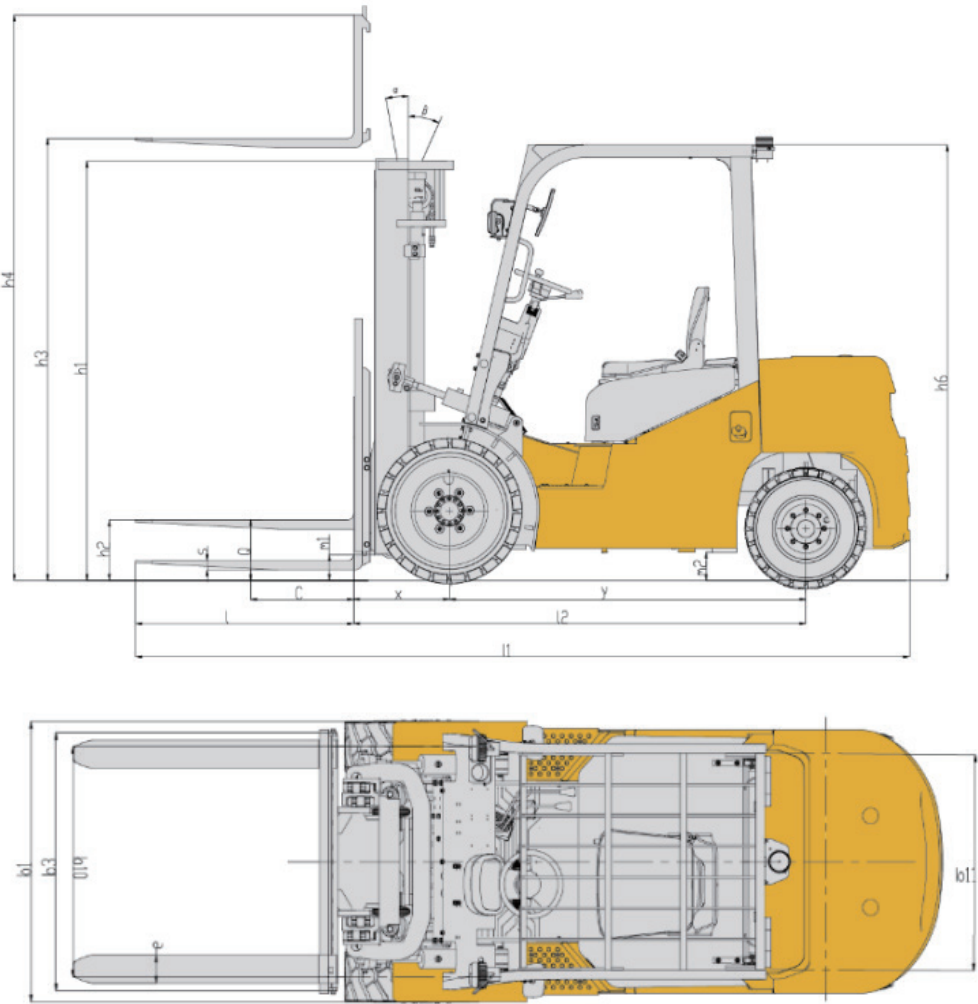
- The integrated electrical control box allows for convenient and quick maintenance.
- A larger maintenance space and a hood with an increased opening angle enhance the ease of maintenance operations.
- The electrical system features a standard fault code display, simplifying and improving the efficiency of engine and electrical maintenance.

• Comfortable Operation ▶▶▶

- The ergonomic space design features a smaller steering wheel, along with increased legroom and entry space, enhancing operational comfort and reducing operator fatigue.
- The integrated metal hood has built-in heat and sound insulation materials to reduce noise.
- The connection between the steering axle and the frame is supported by shock-absorbing rubber to reduce vehicle vibration and improve operator comfort.



TECHNICAL SPECIFICATIONS



General Models

	Manufacturer	XCMG																													
Specification	Model	-	-	XCF20KT		XCF25KT		XCF30KT		XCF35KT		XCF40KT		XCF45KT		XCF50KT															
	Drive	-	-	Diesel		Diesel		Diesel		Diesel		Diesel		Diesel		Diesel															
	Rated load	Q	kg	2000		2500		3000		3500		4000		4500		5000															
	Load center distance	c	mm	500		500		500		500		500		500		500															
	Wheelbase	y	mm	1650		1650		1750		1750		2050		2050		2050															
Weight	Service weight	-	kg	3375		3725		4360		4608		6100		6500		6800															
	Axle load, laden front/rear	-	kg	4737/638		5450/775		6560/800		7211/897		8960/1140		9682/1318		10364/1436															
	Axle load, unladen front/rear	-	kg	1574/1801		1496/2229		1885/2475		1747/2861		2940/3160		2910/3590		2840/3960															
Wheels	Tyres type	-	-	Pneumatic		Pneumatic		Pneumatic		Pneumatic		Pneumatic		Pneumatic		Pneumatic															
	Tyre size,front	-	-	7.00-12-12PR		7.00-12-12PR		28×9-15-14PR		28×9-15-14PR		8.25-15-14PR		8.25-15-14PR		300-15-18PR															
	Tyre size,rear	-	-	6.00-9-10PR		6.00-9-10PR		6.50-10-10PR		6.50-10-10PR		7.00-12-12PR		7.00-12-12PR		7.00-12-12PR															
	Tread,front	b10	mm	970		970		1000		1000		1196		1196		1196															
	Tread,rear	b11	mm	953		953		953		953		1190		1190		1190															
Dimension	Mast Tilting Angle, front/rear	α/β	°	6/12		6/12		6/12		6/12		6/12		6/12		6/12															
	Height, mast lowered	h1	mm	2000		2000		2070		2120		2280		2280		2280															
	Free lifting height	h2	mm	155		155		150		155		150		150		150															
	Max lift height (standard)	h3	mm	3000		3000		3000		3000		3000		3000		3000															
	Height, mast extended(include backrest)	h4	mm	4100		4100		4217		4217		4320		4320		4320															
	Height of overhead guard (cabin)	h6	mm	2112		2112		2132		2132		2400		2400		2400															
	Overall length	l1	mm	3597		3665		3806		3868		4225		4225		4245															
	Length to face of forks	l2	mm	2527		2595		2736		2798		3155		3155		3175															
	Overall width	b1	mm	1160		1160		1225		1225		1500		1500		1500															
	Fork Size (Length/Width/Thickness)	l/e/s	mm	1070/120/40		1070/120/40		1070/122/45		1070/122/50		1070/150/50		1070/150/50		1070/150/50															
	Fork carriage	-	-	ISO2A		ISO2A		ISO3A		ISO3A		ISO3A		ISO3A		ISO3A															
	Fork-carriage width	b3	mm	1088		1088		1100		1100		1380		1380		1380															
	Ground clearance, loaded, below mast	m1	mm	110		110		120		120		180		180		180															
	Aisle width for pallets 1000*1200 crossways	Ast	mm	3880		3935		4147		4202		4575		4575		4595															
	Aisle width for pallets 800*1200 lengthways	Ast	mm	4080		4135		4277		4332		4775		4775		4795															
Min turning radius	Wa	mm	2215		2270		2400		2450		2840		2840		2860																
Fork adjustment range (outside), max/min	-	mm	1030/244		1030/244		1100/244		1100/244		1370/300		1370/300		1370/300																
Performance	Travel speed,laden/unladen	-	km/h	17.5/19		17/18.5		17.5/19		17/18.5		18/19.5		18/20		18/19.5		18/20		23.5/26		25/29		23.5/25.5		25/28		23.5/25.5		25/27.5	
	Lift speed,laden/unladen	-	mm/s	510/560		500/550		510/560		500/550		450/500		440/460		400/440		360/380		480/530		530/580		480/530		530/580		480/530		530/580	
	Lowering speed,unladen/laden	-	mm/s	450/500		450/500		450/500		450/500		450/500		455/500		455/500		455/500		455/500		455/500		455/500		455/500		455/500			
	Drawbar pull, laden	-	kN	13		16		13.2		16		17.5		16.8		17.5		16.8		35		33		36		33		36		33	
	Gradeability, laden/unladen	-	%	25.5/23.5		27/23.5		22.5/20		23/20		24.5/20		19/20		22/20		19/20		37/24.5		33.5/24.5		34.5/22		31.5/22		31.5/21		29/21	
	Service brake/Parking brake	-	-	Hydraulic/Mechanical		Hydraulic/Mechanical		Hydraulic/Mechanical		Hydraulic/Mechanical		Hydraulic/Mechanical		Hydraulic/Mechanical		Hydraulic/Mechanical		Hydraulic/Mechanical		Hydraulic/Mechanical		Hydraulic/Mechanical		Hydraulic/Mechanical		Hydraulic/Mechanical		Hydraulic/Mechanical			
Engine	Engine model	-	-	C240NKFC		4D29G31		C240NKFC		4D29G31		4JG2PE		4D29G31		6BG1QC		4C6-88C31		6BG1QC		4C6-88C31		6BG1QC		4C6-88C31		6BG1QC		4C6-88C31	
	Engine manufacturer	-	-	ISUZU		Xinchai		ISUZU		Xinchai		ISUZU		Xinchai		ISUZU		Quanchai		ISUZU		Quanchai		ISUZU		Quanchai		ISUZU		Quanchai	
	Rating/RPM	-	kW/rpm	34.6/2500		36.8/2500		34.6/2500		36.8/2500		46/2450		36.8/2500		46/2450		36.8/2500		84.6/2050		65/2200		84.6/2050		65/2200		84.6/2050		65/2200	
	Torque/RPM	-	N·m/rpm	139/1800		155/1700-1900		139/1800		155/1700-1900		186/1600		155/1700-1900		186/1600		155/1700-1900		417/1500		350/1320-1650		417/1500		350/1320-1650		417/1500		350/1320-1650	
	Number of cylinders	-	-	4		4		4		4		4		4		4		4		6		4		6		4		6		4	
	Bore size × stroke	-	mm	86×102		93×105		86×102		93×105		95.4×107		93×105		95.4×107		93×105		105×125		98×115		105×125		98×115		105×125		98×115	
	Emission	-	-	Stage III		Stage III		Stage III		Stage III		Stage II		Stage III		Stage II		Stage III		Stage I		Stage III		Stage I		Stage III		Stage I		Stage III	
Transmission	Transmission type	-	-	Hydraulic		Hydraulic		Hydraulic		Hydraulic		Hydraulic		Hydraulic		Hydraulic		Hydraulic		Hydraulic		Hydraulic		Hydraulic		Hydraulic		Hydraulic		Hydraulic	
	Transmission manufacturer	-	-	Zhongchai		Zhongchai		Zhongchai		Zhongchai		Zhongchai		Zhongchai		Zhongchai		Zhongchai		Jindao		Jindao		Jindao		Jindao		Jindao		Jindao	
	Number of gears (front/rear)	-	-	1/1		1/1		1/1		1/1		1/1		1/1		1/1		1/1		2/1		2/1		2/1		2/1		2/1		2/1	

European Models

	Manufacturer	XCMG															
Specification	Model	-	-	XCF20KT		XCF25KT		XCF30KT		XCF35KT		XCF40KT		XCF45KT		XCF50KT	
	Drive	-	-	Diesel		Diesel		Diesel		Diesel		Diesel		Diesel		Diesel	
	Rated load	Q	kg	2000		2500		3000		3500		4000		4500		5000	
	Load center distance	c	mm	500		500		500		500		500		500		500	
	Wheelbase	y	mm	1650		1650		1700		1700		2050		2050		2050	
Weight	Service weight	-	kg	3375		3725		4360		4708		6100		6500		6800	
	Axle load, laden front/rear	-	kg	4737/638		5450/775		6434/926		7240/968		8960/1140		9682/1318		10364/1436	
	Axle load, unladen front/rear	-	kg	1574/1801		1496/2229		1710/2650		1718/2990		2940/3160		2910/3590		2840/3960	
Wheels	Tyres type	-	-	Pneumatic		Pneumatic		Pneumatic		Pneumatic		Pneumatic		Pneumatic		Pneumatic	
	Tyre size,front	-	-	7.00-12-12PR		7.00-12-12PR		28×9-15-14PR		28×9-15-14PR		8.25-15-14PR		8.25-15-14PR		300-15-18PR	
	Tyre size,rear	-	-	6.00-9-10PR		6.00-9-10PR		6.50-10-10PR		6.50-10-10PR		7.00-12-12PR		7.00-12-12PR		7.00-12-12PR	
	Tread,front	b10	mm	970		970		1000		1000		1196		1196		1196	
	Tread,rear	b11	mm	953		953		953		953		1190		1190		1190	
Dimension	Mast Tilting Angle, front/rear	α/β	°	6/12		6/12		6/12		6/12		6/12		6/12		6/12	
	Height, mast lowered	h1	mm	2000		2000		2070		2120		2280		2280		2280	
	Free lifting height	h2	mm	155		155		150		155		150		150		150	
	Max lift height (standard)	h3	mm	3000		3000		3000		3000		3000		3000		3000	
	Height, mast extended(include backrest)	h4	mm	4100		4100		4217		4217		4320		4320		4320	
	Height of overhead guard (cabin)	h6	mm	2112		2112		2170		2170		2400		2400		2400	
	Overall length	l1	mm	3597		3665		3783		3827		4225		4225		4245	
	Length to face of forks	l2	mm	2527		2595		2713		2757		3155		3155		3175	
	Overall width	b1	mm	1160		1160		1225		1225		1500		1500		1500	
	Fork Size (Length/Width/Thickness)	l/e/s	mm	1070/120/40		1070/120/40		1070/122/45		1070/122/50		1070/150/50		1070/150/50		1070/150/50	
	Fork carriage	-	-	ISO2A		ISO2A		ISO3A		ISO3A		ISO3A		ISO3A		ISO3A	
	Fork-carriage width	b3	mm	1088		1088		1100		1100		1380		1380		1380	
	Ground clearance, loaded, below mast	m1	mm	110		110		120		120		180		180		180	
	Aisle width for pallets 1000*1200 crossways	Ast	mm	3880		3935		4147		4192		4575		4575		4595	
	Aisle width for pallets 800*1200 lengthways	Ast	mm	4080		4135		4277		4322		4775		4775		4795	
	Min turning radius	Wa	mm	2215		2270		2400		2440		2840		2840		2860	
	Fork adjustment range (outside), max/min	-	mm	1030/244		1030/244		1100/244		1100/244		1370/300		1370/300		1370/300	
Performance	Travel speed,laden/unladen	-	km/h	16.5/17.5		16.5/17.5		17.5/18.5		17.5/18.5		25/29		25/28		25/27.5	
	Lift speed,laden/unladen	-	mm/s	550/580 570/600		550/580 570/600		480/500 490/510		430/460 440/460		530/580		530/580		530/580	
	Lowering speed,unladen/laden	-	mm/s	450/500		450/500		450/500		450/500		455/500		455/500		455/500	
	Drawbar pull, laden	-	kN	21		21		24 25		24 25		33		33		33	
	Gradeability, laden/unladen	-	%	42.5/23.5 45.9/23.5		35.5/20 38.5/20		27.5/20 29/20		18.5/24.5 18.5/26		33.5/24.5		31.5/22		29/21	
	Service brake/Parking brake	-	-	Hydraulic/Mechanical		Hydraulic/Mechanical		Hydraulic/Mechanical		Hydraulic/Mechanical		Hydraulic/Mechanical		Hydraulic/Mechanical		Hydraulic/Mechanical	
Engine	Engine model	-	-	V2403-CR-TE5	3E22YG51	V2403-CR-TE5	3E22YG51	V2403-CR-TE5	3E22YG51	V2403-CR-TE5	3E22YG51	V3307-CR-TIE5B	V3307-CR-TIE5B	V3307-CR-TIE5B	V3307-CR-TIE5B	V3307-CR-TIE5B	
	Engine manufacturer	-	-	Kubota	Xinchai	Kubota	Xinchai	Kubota	Xinchai	Kubota	Xinchai	Kubota	Kubota	Kubota	Kubota	Kubota	
	Rating/RPM	-	kW/rpm	43.2/2400	44.8/2400	43.2/2400	44.8/2400	43.2/2400	44.8/2400	43.2/2400	44.8/2400	54.6/2200	54.6/2200	54.6/2200	54.6/2200	54.6/2200	
	Torque/RPM	-	N•m/rpm	198.5/1500	210/1600-1800	198.5/1500	210/1600-1800	198.5/1500	210/1600-1800	198.5/1500	210/1600-1800	335/1400	335/1400	335/1400	335/1400	335/1400	
	Number of cylinders	-	-	4	3	4	3	4	3	4	3	4	4	4	4	4	
	Bore size × stroke	-	mm	87×102.4	94×107	87×102.4	94×107	87×102.4	94×107	87×102.4	94×107	94×120	94×120	94×120	94×120	94×120	
	Emission	-	-	EU Stage V	EU Stage V	EU Stage V	EU Stage V	EU Stage V	EU Stage V	EU Stage V	EU Stage V	EU Stage V	EU Stage V	EU Stage V	EU Stage V	EU Stage V	
Transmission	Transmission type	-	-	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	
	Transmission manufacturer	-	-	Jindao	Jindao	Jindao	Jindao	Jindao	Jindao	Jindao	Jindao	Jindao	Jindao	Jindao	Jindao	Jindao	
	Number of gears (front/rear)	-	-	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	2/1	2/1	2/1	2/1	2/1	

	Manufacturer	XCMG														
Specification	Model	-	-	XCF506K			XCF506K (Container-Spec)		XCF706K			XCF706K1 (Container-Spec)		XCF1006K		
	Drive	-	-	Diesel			Diesel		Diesel			Diesel		Diesel		
	Rated load	Q	kg	5000			5000		7000			7000		10000		
	Load center distance	c	mm	600			600		600			1200		600		
	Wheelbase	y	mm	2250			2250		2250			2250		2775		
Weight	Service weight	-	kg	8200			8750		9600			10400		12750		
	Axle load, laden front/rear	-	kg	11901/1299			14020/1730		14824/1776			15773/1717		20560/2190		
	Axle load, unladen front/rear	-	kg	4257/3943			4200/4550		4122/5478			4713/5777		6940/5810		
Wheels	Tyres type	-	-	Pneumatic			Pneumatic		Pneumatic			Pneumatic		Pneumatic		
	Tyre size,front	-	-	8.25-15-14PR			8.25-15-14PR		8.25-15-14PR			8.25-15-14PR		9.00-20-14PR		
	Tyre size,rear	-	-	8.25-15-14PR			8.25-15-14PR		8.25-15-14PR			8.25-15-14PR		9.00-20-14PR		
	Tread,front	b10	mm	1470			1470		1470			1470		1600		
	Tread,rear	b11	mm	1700			1700		1700			1700		1720		
Dimension	Mast Tilting Angle, front/rear	α/β	°	6/12			6/12		6/12			6/12		6/12		
	Height, mast lowered	h1	mm	2480			2200		2480			2200		2850		
	Free lifting height	h2	mm	150			1300		140			1300		140		
	Max lift height (standard)	h3	mm	3000			2500		3000			2500		3000		
	Height, mast extended(include backrest)	h4	mm	4375			3904		4375			3904		4280(Without backrest)		
	Height of overhead guard (cabin)	h6	mm	2530			2210		2530			2210		2581		
	Overall length	l1	mm	4690			4885		4770			4885		5423		
	Length to face of forks	l2	mm	3470			3665		3550			3665		4203		
	Overall width	b1	mm	1995			1995		1995			1995		2169		
	Fork Size (Length/Width/Thickness)	l/e/s	mm	1220/150/65			1220/150/65		1220/150/65			1220/150/65		1220/175/80		
	Fork carriage	-	-	ISO3A			ISO3A		ISO3A			ISO3A		Coil ram		
	Fork-carriage width	b3	mm	1700			1700		1700			1700		2130		
	Ground clearance, loaded, below mast	m1	mm	200			205		200			205		250		
	Aisle width for pallets 1000*1200 crossways	Ast	mm	5300			5475		5360			5475		6193		
	Aisle width for pallets 800*1200 lengthways	Ast	mm	5300			5475		5360			5475		6193		
	Min turning radius	Wa	mm	3290			3350		3350			3350		4055		
	Fork adjustment range (outside), max/min	-	mm	1650/450			1470/370		1650/450			1470/370		2005/445		
Perfomance	Travel speed,laden/unladen	-	km/h	27/30			26/30		27/30			27/30		29/32		
	Lift speed,laden/unladen	-	mm/s	450/510			400/460		430/510			390/450		330/350		
	Lowering speed,unladen/laden	-	mm/s	≥300/≤600			>300/<600		≥300/≤600			>300/<600		≥300/≤600		
	Drawbar pull, laden	-	kN	62			62		62			62		75		
	Gradeability, laden/unladen	-	%	25/20			25/20		25/20			20/20		20/20		
	Service brake/Parking brake	-	-	Hydraulic/Mechanical			Hydraulic/Mechanical		Hydraulic/Mechanical			Hydraulic/Mechanical		Hydraulic/Mechanical		
Engine	Engine model	-	-	6BG1	4J1	QSF3.8	4J1		6BG1	4J1	QSF3.8	4J1		6BG1	4J1	QSF3.8
	Engine manufacturer	-	-	ISUZU	Quanchai	Cummins	Quanchai		ISUZU	Quanchai	Cummins	Quanchai		ISUZU	Quanchai	Cummins
	Rating/RPM	-	kW/rpm	84.6/2050	85/2200	90/2200	85/2200		84.6/2050	85/2200	90/2200	85/2200		84.6/2050	85/2200	90/2200
	Torque/RPM	-	N•m/rpm	417/1500	500/1320-1650	500/1500	500/1320-1650		417/1500	500/1320-1650	500/1500	500/1320-1650		417/1500	500/1320-1650	500/1500
	Number of cylinders	-	-	6	4	4	4		6	4	4	4		6	4	4
	Bore size × stroke	-	mm	105×125	105×124	102×115	105×124		105×125	105×124	102×115	105×124		105×125	105×124	102×115
	Emission	-	-	Stage I	Stage III	EU Stage V	Stage IV		Stage I	Stage III	EU Stage V	Stage IV		Stage I	Stage III	EU Stage V
Transmission	Transmission type	-	-	Hydraulic	Hydraulic	Hydraulic	Hydraulic		Hydraulic	Hydraulic	Hydraulic	Hydraulic		Hydraulic	Hydraulic	Hydraulic
	Transmission manufacturer	-	-	Jindao	Jindao	Jindao	Jindao		Jindao	Jindao	Jindao	Jindao		Jindao	Jindao	Jindao
	Number of gears (front/rear)	-	-	2/2	2/2	2/2	2/2		2/2	2/2	2/2	2/2		2/2	2/2	2/2

MAST PARAMETER

PARAMETER 2-10T

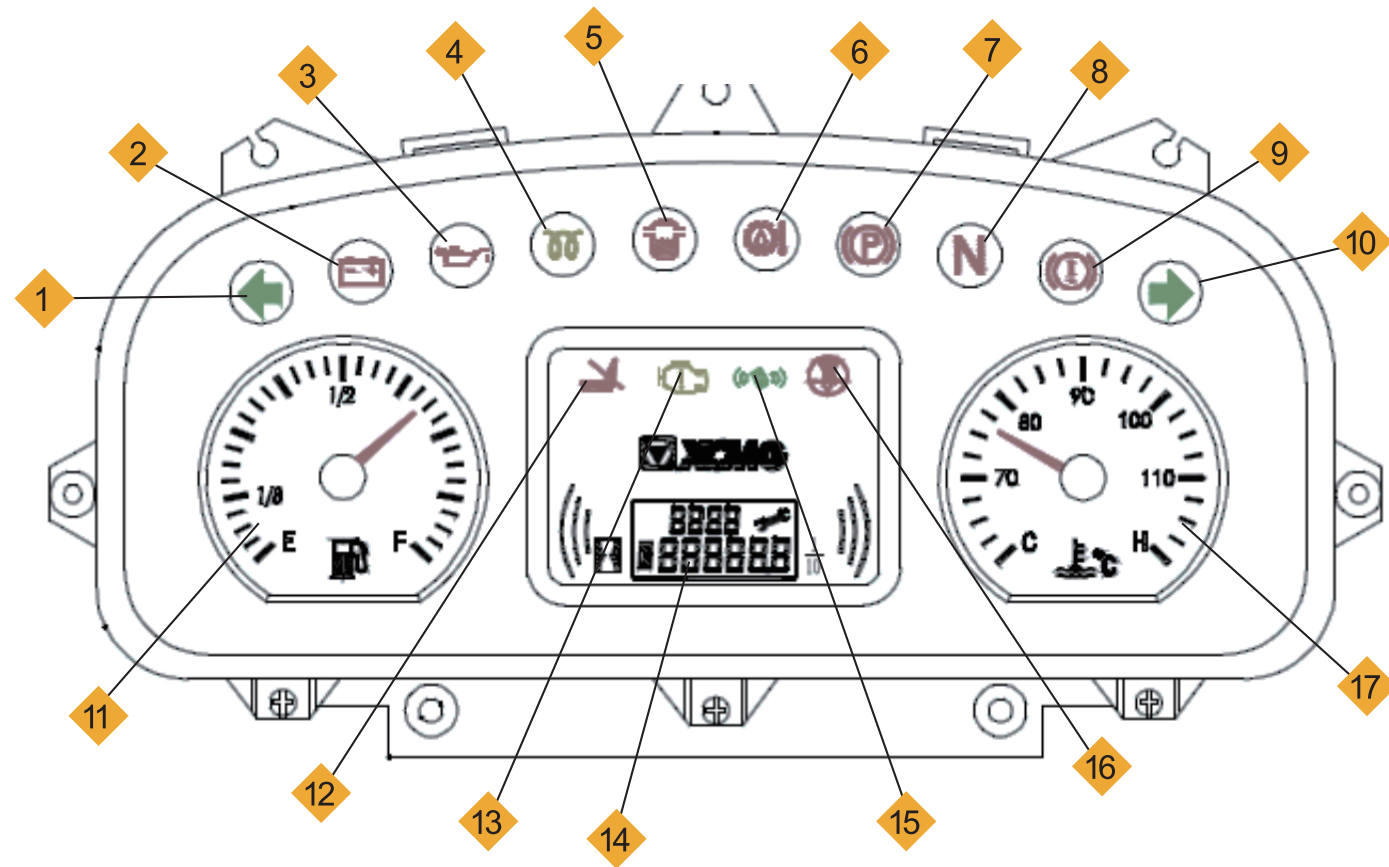
MAST PARAMETER

PARAMETER 2-10T

Type	Model	Max.lifting height (mm)	Overall height of mast (Forks on the ground, mast vertical)(mm)						Maximum lifting height (with backrest)(mm)				Free lift height (With backrest)(mm)						Tilt of mast α /β(°)				
			2-2.5t	3t	3.5t	4-5t	5-7t	10t	2-2.5t	3-3.5t	4-5t	5-7t	2-2.5t	3t	3.5t	4-5t	5-7t	10t	2-2.5t	3-3.5t	4-5t	5-7t	10t
Standard Mast	M200	2000	1500	1570	1620	-	-	-	3100	3217	-	-	150	155	160	-	-	-	6/12	6/12	-	-	-
	M250	2500	1750	1820	1870	2030	2230	-	3600	3717	3820	3900	150	155	160	150	165	-	6/12	6/12	6/12	6/12	-
	M300	3000	2000	2070	2120	2280	2480	2850	4100	4217	4320	4400	150	155	160	150	165	140	6/12	6/12	6/12	6/12	6/12
	M350	3500	2250	2320	2370	2530	2730	3100	4600	4717	4820	4900	150	155	160	150	165	140	6/12	6/12	6/12	6/12	6/12
	M400	4000	2550	2620	2670	2830	3030	3400	5100	5217	5320	5400	150	155	160	150	165	140	6/6	6/6	6/12	6/12	6/12
	M450	4500	2800	2870	2920	3080	3280	3650	5600	5717	5820	5900	150	155	160	150	165	140	6/6	6/6	6/12	6/12	6/6
	M500	5000	3050	3120	3170	3330	3530	3900	6100	6217	6320	6400	150	155	160	150	165	140	6/6	6/6	6/6	6/6	6/6
	M550	5500	3350	3420	3470	3630	3830	4200	6600	6717	6820	6900	150	155	160	150	165	140	3/6	3/6	6/6	6/6	3/6
	M600	6000	3600	3670	3720	3880	4080	4450	7100	7217	7320	7400	150	155	160	150	165	140	3/6	3/6	6/6	6/6	3/6
Two Stage Full-Free Mast	F200	2000	1500	1570	1620	-	-	-	3100	3217	-	-	496	388	443	-	-	-	6/12	6/12	-	-	-
	F250	2500	1750	1820	1870	2030	2230	-	3600	3717	3820	3880	746	638	693	750	880	-	6/12	6/12	6/12	6/12	-
	F300	3000	2000	2070	2120	2280	2480	2850	4100	4217	4320	4380	996	888	943	1000	1130	1470	6/12	6/12	6/12	6/12	6/12
	F350	3500	2250	2320	2370	2530	2730	3100	4600	4717	4820	4880	1246	1138	1193	1250	1380	1720	6/12	6/12	6/12	6/12	6/12
	F400	4000	2550	2620	2670	2780	3030	3350	5100	5217	5320	5380	1546	1438	1493	1500	1680	1970	6/6	6/6	6/12	6/12	6/12
	F450	4500	-	-	-	-	-	3650	-	-	-	-	-	-	-	-	-	2220	-	-	-	-	6/6
	F500	5000	-	-	-	-	-	3900	-	-	-	-	-	-	-	-	-	2470	-	-	-	-	6/6
	F550	5500	-	-	-	-	-	4200	-	-	-	-	-	-	-	-	-	2720	-	-	-	-	3/6
	F600	6000	-	-	-	-	-	4450	-	-	-	-	-	-	-	-	-	2970	-	-	-	-	3/6
Three Stage Full-Free Mast	T360	3600	1800	1870	1870	2030	2335	-	4700	4817	4890	4990	796	688	693	750	985	-	6/6	6/6	6/6	6/6	-
	T400	4000	1950	2020	2020	2170	2470	2700	5100	5217	5310	5390	946	838	843	890	1120	1325	6/6	6/6	6/6	6/6	6/12
	T450	4500	2100	2170	2170	2330	2635	2870	5600	5717	5810	5886	1096	988	993	1050	1285	1495	6/6	6/6	6/6	6/6	6/12
	T500	5000	2300	2370	2370	2530	2805	3035	6100	6217	6305	6400	1296	1188	1193	1250	1460	1660	6/6	6/6	6/6	6/6	6/6
	T540	5400	2400	2470	2470	2665	2940	3225	6500	6617	6710	6800	1396	1288	1293	1385	1590	1850	3/6	3/6	6/6	6/6	3/6
	T600	6000	2600	2670	2670	2900	3140	3425	7100	7217	7310	7400	1596	1488	1493	1620	1790	2050	3/6	3/6	6/6	6/6	3/6
	T650	6500	2800	2870	2870	3075	3405	-	7600	7717	7810	7900	1796	1688	1693	1795	2055	-	3/3	3/3	6/6	6/6	-
	T700	7000	2975	3045	3045	3265	3515	-	8100	8217	8340	8400	1971	1863	1868	1985	2165	-	3/3	3/3	6/6	6/6	-

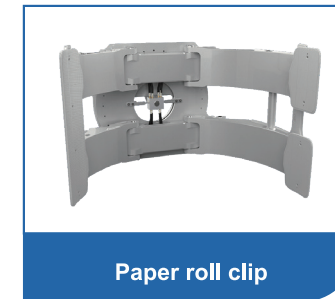
Functional configuration	Model													
	XCF20/25/30/35KT		XCF40KT		XCF45KT		XCF50KT		XCF506K/XCF506K (Container-Spec)		XCF706K/XCF706K1 (Container-Spec)		XCF1006K	
	Stage II-III	EU Stage V	Stage I-III	EU Stage V	Stage I-III	EU Stage V	Stage I-III	EU Stage V	Stage I-IV	EU Stage V	Stage I-IV	EU Stage V	Stage I-III	EU Stage V
Standard 3-meter mast	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Pneumatic tires	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Solid tires	●	●	●	●	●	●	●	●	○	○	○	○	○	○
Traction pin	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Load backrests	●	●	●	●	●	●	●	●	●	●	●	●	○	○
Overhead guard	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Operator cabin	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Working lamp	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Rear working lamp	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Yellow warning ligh	○	●	○	●	○	●	○	●	○	●	○	●	○	●
Neutral Safety Switch	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Charging indicator	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Preheat indicator	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Oil pressure warning	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Suspended wrap-around seat	○	●	○	●	○	●	○	●	●	●	●	●	●	●
Two-way valve	●	○	●	○	●	○	●	○	●	●	●	●	/	/
Dual control stick	●	○	●	○	●	○	●	○	●	●	●	●	/	/
Three-section multi-way valve	○	●	○	●	○	●	○	●	○	○	○	○	/	/
Triple control stick	○	●	○	●	○	●	○	●	○	○	○	○	/	/
Four-section multi-way valve	○	○	○	○	○	○	○	○	○	○	○	○	●	●
Quadruple control stick	○	○	○	○	○	○	○	○	○	○	○	○	●	●
Single-function auxiliary hydraulic line	○	●	○	●	○	●	○	●	○	○	○	○	○	○
Transmission oil dipstick	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Hydraulic oil dipstick	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Hydraulic return filter element	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Roof guard rain cover	●	●	●	●	●	●	●	●	○	○	○	○	○	○
Cable-operated parking brake	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Dual-filter air filter	○	●	●	●	●	●	●	●	●	●	●	●	●	●
Lifting oil circuit flow control valve	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Tilt-adjustable steering column	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Automatic engine pre-heating	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Engine fault indicator	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Automatic DPF regeneration	/	●	/	●	/	●	/	●	/	●	/	●	/	●
Full hydraulic power steering	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Electronic shutdown	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Operator Presence Sensing (OPS)	○	●	○	●	○	●	○	●	○	●	○	●	○	●
Fire extinguisher	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Rear working lamp	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Engine temperature gauge	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Cabin heater	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Hydraulic oil cooling	/	●	/	/	/	/	/	/	●	●	●	●	●	●
High exhaust system	○	●	○	○	○	○	○	○	●	●	●	●	●	●
Medium exhaust system	●	○	●	●	●	●	●	●	○	○	○	○	○	○
Tilt cylinder guard	/	/	/	/	/	/	/	/	○	○	○	○	○	○
Smart terminal (fleet management system)	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Access control (card-based start-up)	●	●	/	/	/	/	/	/	○	○	○	○	○	○
Power braking	/	/	/	/	/	/	/	/	●	●	●	●	●	●
Steering wheel quick-turn handle	●	●	●	●	●	●	●	●	○	○	○	○	○	○

RELIABLE SPECIAL DESIGNED INSTRUMENT DASHBOARD

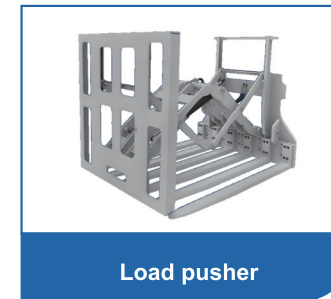


- | | |
|--|--|
| 1 Left turning indicator | 10 Right turning indicator |
| 2 Charging alarm indication | 11 Fuel gauge |
| 3 Engine oil pressure indicator | 12 Seat indicator |
| 4 Preheat indicator | 13 Engine fault indicator |
| 5 Oil-water separation alarm indicator | 14 Timer |
| 6 Torque converter oil temperature indicator | 15 Operator card reader status indicator |
| 7 Parking brake switch | 16 Air filter alarm indication |
| 8 Neutral gear indicator | 17 Water temperature gauge |
| 9 Service brake pressure alarm | |

FUNCTION CONFIGURATION OPTIONAL ATTACHMENTS



Paper roll clip



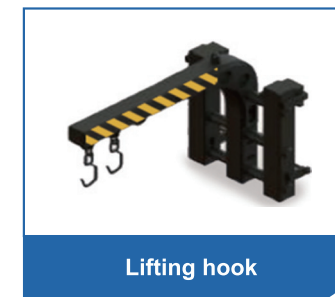
Load pusher



Load stabilizer



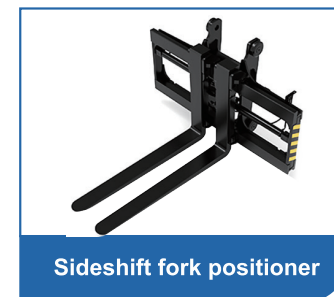
Soft roll clip



Lifting hook



Fork positioner



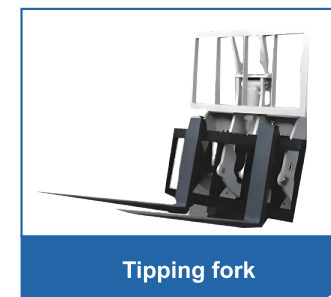
Sideshift fork positioner



Fork rotator carriage



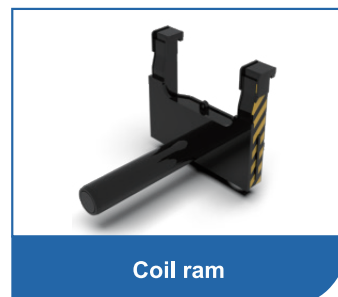
Multipurpose bucket clamp



Tipping fork



Tipping bucket



Coil ram

OPTIONAL MAST



Two stage full-free mast



Three stage full-free mast