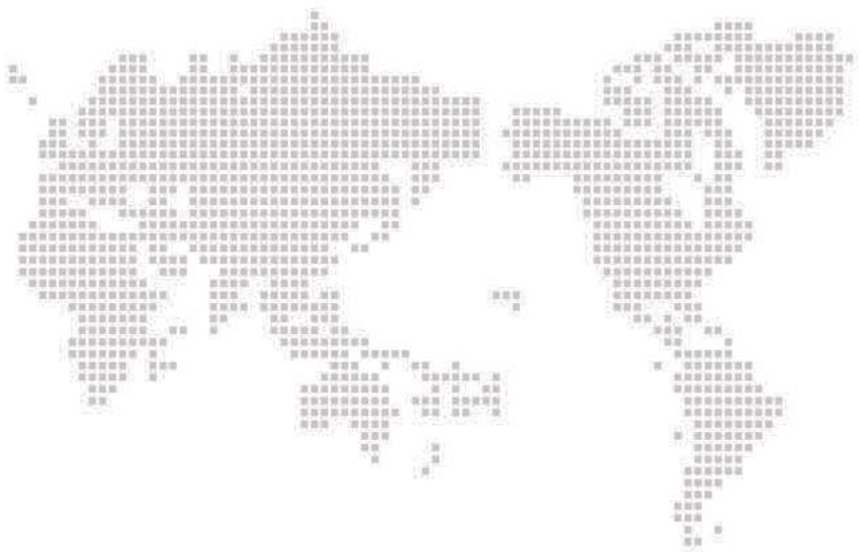




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叉装之王微商城
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2024年第1版

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 **XCMG Forklift**

3.0-3.8t

**E-Series Electric Counterbalanced
Forklift Trucks**

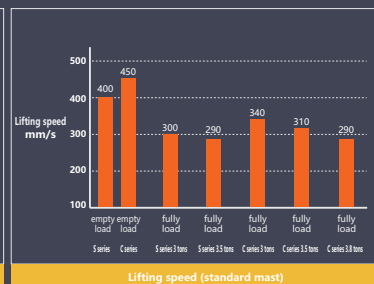
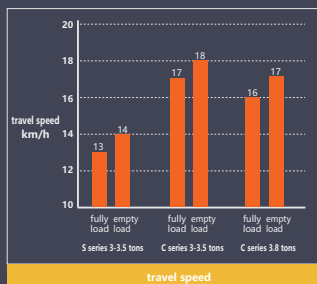
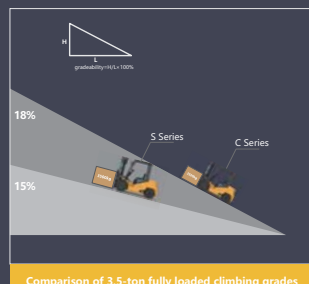


 **徐州徐工特种工程机械有限公司**
XCMG Special Construction Machinery Co., Ltd.

The new E Lifting weights.



性能稳定-传统机型专用充气胎和转向桥



Versatile and easy to choose

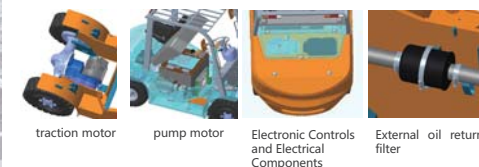
- S series vehicles lightweight design, more suitable for light working conditions, lower cost of use;
- C series vehicles heavy-duty design, to meet the needs of general working conditions, higher operating efficiency;
- 180Ah battery high rate electric core, 1h can be fully charged-optional;
- The vehicle charger is directly connected to the battery, no need to unplug the body connector when charging.



Easy to disassemble and maintain

- Simple structural arrangement, easy disassembly and assembly of parts, convenient maintenance of key components
- The parts are common with those of traditional models, and it is more convenient to stock and maintain the parts

(Mast system, drive axle + reduction gearbox + front wheel, gear pump, filter, etc. can be common with traditional models.)



easy to use easy to operate

- Large front and rear tires for good passing;
- Battery heating, no fear of harsh environments;
- Wide field of view masts + grille style roof racks for a wide field of view;
- Large on-board pedals and legroom for comfortable operation.
- Fleet management system, smart and efficient.

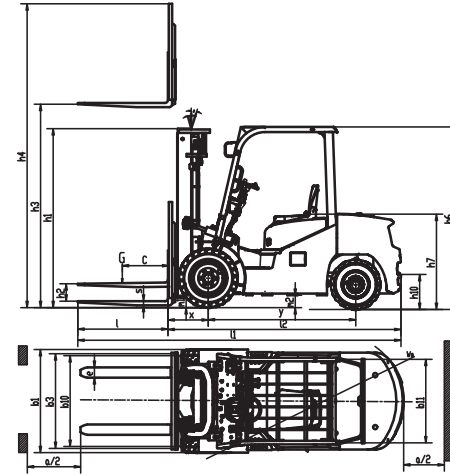


Technical Parameters

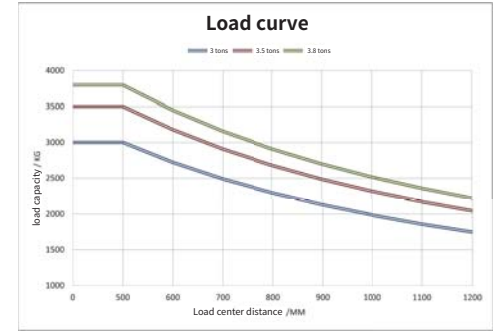
Characteristics	1.1	Manufacturer						
	1.2	Model		XVB	XVB	XVB	XVB	XVB
	1.2a	Configuration Number		30-L5-S	35-L5-S	30-L6-C	35-L6-C	38-L6-C
	1.3	Power Type		Lithium battery	Lithium battery	Lithium battery	Lithium battery	Lithium battery
	1.4	Operation mode		Seat type	Seat type	Seat type	Seat type	Seat type
	1.5	Rated lifting capacity	Q(kg)	3000	3500	3000	3500	3800
	1.6	Load center distance	c(mm)	500	500	500	500	500
	1.8	Front Overhang	x(mm)	477	482	477	482	482
	1.9	Wheelbase	y(mm)	1750	1750	1750	1750	1750
weight	2.1	Deadweight (with battery)	(kg)	4190	4560	4425	4800	5060
	2.2	Bridge load before/after full load	(kg)	6415/775	7280/780	6480/945	7370/930	7750/1100
	2.3	Bridge load unloaded front/rear	(kg)	1745/2445	1770/2790	1800/2625	1860/2940	1820/3240
wheels	3.1	Tire type, front/rear		Pneumatic tire	Pneumatic tire	Pneumatic tire	Pneumatic tire	Pneumatic tire
	3.2	Tire size, front		28×9-15-14PR	28×9-15-14PR	28×9-15-14PR	28×9-15-14PR	28×9-15-14PR
	3.3	Tire size, rear		6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR
	3.5	Number of wheels, front/rear (x=drive wheels)		2x/2	2x/2	2x/2	2x/2	2x/2
	3.6	Wheelbase front	b10(mm)	1005	1005	1005	1005	1005
dimensions	3.7	Wheelbase rear	b11(mm)	940	940	940	940	940
	4.1	Mast tilt, front/rear	a/b(°)	6/12	6/12	6/12	6/12	6/12
	4.2	Mast Retraction Height	h1(mm)	2070	2120	2070	2120	2180
	4.3	Free lift height	h2(mm)	155	160	155	160	160
	4.4	Lifting height	h3(mm)	3000	3000	3000	3000	3000
	4.5	Maximum height during operation (with cargo carrier)	h4(mm)	4217	4217	4217	4217	4217
	4.7	Height of roof rack	h6(mm)	2150	2150	2150	2150	2150
	4.8	Seat SIP point to floor	h7(mm)	1204	1204	1204	1204	1204
	4.12	Tow pin height	h10(mm)	332	332	332	332	332
	4.19	Overall length (with forks)	l1(mm)	3833	3838	3833	3838	3838
	4.20	Overall length (without forks)	l2(mm)	2763	2768	2763	2768	2768
	4.21	Overall width	b1(mm)	1225	1225	1225	1225	1225
	4.22	Fork dimensions (thickness/width/length)	s/e/l(mm)	45/125/1070	50/125/1070	45/125/1070	50/125/1070	50/125/1070
	4.23	Forks ISO2328		3A	3A	3A	3A	3A
	4.24	Fork width	b3(mm)	1100	1100	1100	1100	1100
	4.31	Ground clearance at mast, fully loaded	m1(mm)	110	110	110	110	110
	4.32	Ground clearance at center of wheelbase fully loaded	m2(mm)	135	135	135	135	135
	4.33	Straight angle stacking aisle width: pallets 1000x 1200 across the forks	Ast(mm)	4110	4115	4110	4115	4115
	4.34	Straight stacking aisle width: pallet 800x 1200 along the forks.	Astt(mm)	4335	4340	4335	4340	4340
	4.35	Outside turning radius	Wa	2430	2430	2430	2430	2430
performance	5.1	Travel speed, full/no load	(km/h)	13/14	13/14	17/18	17/18	16/17
	5.2	Lifting speed, full/no load	(m/s)	0.31/0.40	0.29/0.40	0.34/0.44	0.31/0.44	0.28/0.44
	5.3	Lowering speed, full/no load	(m/s)	0.4/0.43	0.4/0.43	0.4/0.43	0.4/0.43	0.4/0.43
	5.6	Maximum traction, full load	(N)	14000	16000	20000	18500	18300
	5.8	Maximum climbing capacity, full/no load	(%)	17/20	15/20	20/25	18/25	16/20
	5.9	Acceleration time (10 meters) full/no load	(s)	6.2/5.8	6.2/5.8	6/5.5	6/5.5	6/5.5
transmission	5.10	Traveling brake/parking brake		Mechanical brake hydraulic brake	Mechanical brake hydraulic brake	Mechanical brake hydraulic brake	Mechanical brake hydraulic brake	Mechanical brake hydraulic brake
	6.1	Traction motor power, S2-60min working system	(kW)	11	11	15	15	15
	6.2	Lifting motor power, S3-15% working system	(kW)	16	16	18	18	18
	6.4	Battery capacity	(V/Ah)	80/205	80/205	80/350	80/350	80/350
	6.5	Battery weight(±5%)	(kg)	200	200	310	310	310
other	8.1	Controller type		MOS/AC	MOS/AC	MOS/AC	MOS/AC	MOS/AC
	8.2	Attachments working pressure	(MPa)	17.5	17.5	17.5	17.5	18.5

Note: 5 stands for Jiachen control system, 6 stands for Songheng control system.
With the advancement of technology, the product structure, parameters, etc. will be continuously improved without prior notice. If the sample information is slightly different from the real thing, the real thing shall prevail.

Structural diagram



Load curve



Note: The vertical axis indicates the load capacity and the horizontal axis indicates the load center. The load center is calculated from the front of the forks and the base point of the standard load is the center of a cube with a load side length of 1200 mm. When the mast is tilted forward, when non-standard forks are used, or when loads exceeding the normal width are loaded, the load capacity will be reduced. The load curve diagram provides a timely understanding of the load carrying capacity of a standard mast at various load centers.

Mast Weight parameter

Wide Field of View Standard Mast

Mast type	maximum lifting height (mm)	Vehicle weight(Kg)				
		3t(S)	3.5t(S)	3t(C)	3.5(C)	3.8t(c)
M200	2000	4095	4465	4330	4705	4965
M250	2500	4145	4515	4380	4755	5015
M300	3000	4190	4560	4425	4800	5060
M330	3300	4230	4600	4465	4840	5100
M350	3500	4250	4620	4485	4860	5120
M370	3700	4270	4640	4505	4880	5140
M400	4000	4350	4720	4585	4960	5220
M425	4250	4380	4750	4615	4990	5250
M450	4500	4405	4775	4640	5015	5275
M500	5000	4455	4825	4690	5065	5325
M550	5500	4555	4925	4790	5165	5425
M600	6000	4610	4980	4845	5220	5480

Wide Field of View Two-Stage Full-Free Mast

Mast type	maximum lifting height (mm)	Vehicle weight(Kg)				
		3t(S)	3.5t(S)	3t(C)	3.5(C)	3.8t(c)
F200	2000	4125	4495	4360	4735	4995
F250	2500	3993	4363	4228	4603	4863
F300	3000	4250	4620	4485	4860	5120
F330	3300	4260	4630	4495	4870	5130
F350	3500	4280	4650	4515	4890	5150
F370	3700	4300	4670	4535	4910	5170
F400	4000	4375	4745	4610	4985	5245

Wide Field of View Three-Stage Full-Free Mast

Mast type	maximum lifting height (mm)	Vehicle weight(Kg)				
		3t(S)	3.5t(S)	3t(C)	3.5(C)	3.8t(c)
T360	3600	4345	4715	4580	4955	5215
T400	4000	4390	4760	4625	5000	5260
T435	4350	4415	4785	4650	5025	5285
T450	4500	4435	4805	4670	5045	5305
T470	4700	4440	4810	4675	5050	5310
T480	4800	4450	4820	4685	5060	5320
T500	5000	4475	4845	4710	5085	5345
T540	5400	4505	4875	4740	5115	5375
T600	6000	4610	4980	4845	5220	5480
T650	6500	-	-	4900	5275	-
T700	7000	-	-	4945	5320	-
T750	7500	-	-	5085	5460	-

Mast argument

C series wide field of view standard / two-stage full- free mast: 3t, 3.5t, 3.8t.

Mast model	maximum lifting height (mm)	front wheel form	load carrying capacity (load center distance 500mm) (kg)			full height of mast (forks on the ground, mast vertical) (mm)			free lifting height (with blocking shelf) (mm)			mast tilt angle α/β(°)
			3t	3.5t	3.8t	3t	3.5t	3.8t	3t	3.5t	3.8t	
M200/F200	2000	Standard	3000	3500	3800	1570	1620	1680	155/388	160/443	160/503	6/12
M250/F250	2500	Standard	3000	3500	3800	1820	1870	1930	155/638	160/693	160/753	6/12
M300/F300	3000	Standard	3000	3500	3800	2070	2120	2180	155/888	160/943	160/1003	6/12
M330/F330	3300	Standard	3000	3500	3800	2220	2270	2330	155/1038	160/1093	160/1153	6/12
M350/F350	3500	Standard	3000	3500	3800	2320	2370	2430	155/1138	160/1193	160/1253	6/12
M370/F370	3700	Standard	3000	3500	3800	2420	2470	2530	155/1238	160/1293	160/1353	6/6
M400/F400	4000	Standard	3000	3500	3700	2620	2670	2730	155/1438	160/1493	160/1553	6/6
		wide tires	3000	3500	3800							
M425	4250	dual tires	3000	3500	3800	2745	2795	2855	155	160	160	6/6
		Standard	2850	3300	3500							
M450	4500	wide tires	2900	3400	3600	2870	2920	2980	155	160	160	6/6
		dual tires	2900	3400	3650							
M500	5000	Standard	2750	3150	3300	3120	3170	3230	155	160	160	6/6
		wide tires	2800	3200	3400							
M550	5500	dual tires	2500	2850	3000	3420	3470	3530	155	160	160	3/6
		Standard	2800	2900	3200							
M600	6000	Standard	2250	2350	2500	3670	3720	3780	155	160	160	3/6
		wide tires	2400	2500	2700							
		dual tires	2650	2700	3000							
		Standard	1500	1650	1800							
		wide tires	1700	1900	2200							
		dual tires	2200	2400	2600							

3.0t: without blocking shelf, free lifting height increases by 485mm; 3.5t: without blocking shelf, free lifting height increases by 435mm; 3.8t: without blocking shelf, free lifting height increases by 381mm

C series wide field of view three-stage full free mast: 3t, 3.5t, 3.8t

Mast model	maximum lifting height (mm)	front wheel form	load carrying capacity (load center distance 500mm) (kg)			full height of mast (forks on the ground, mast vertical) (mm)			free lifting height (with blocking shelf) (mm)			mast tilt angle α/β(°)
			3t	3.5t	3.8t	3t	3.5t	3.8t	3t	3.5t	3.8t	
T360	3600	Standard	3000	3500	3800	1870	1870	1930	688	693	700	6/6
T400	4000	Standard	3000	3500	3700	2020	2020	2055	688	693	700	6/6
		wide tires	3000	3500	3800							
T435	4350	dual tires	3000	3500	3800	2120	2120	2180	838	843	850	6/6
		Standard	2850	3200	3500							
T450	4500	wide tires	2900	3350	3550	2170	2170	2230	988	993	1000	6/6
		dual tires	2900	3350	3600							
T470	4700	Standard	2700	3050	3300	2230	2230	2295	1048	1053	1060	6/6
		wide tires	2800	3150	3400							
T480	4800	dual tires	2850	3200	3600	2270	2270	2330	1088	1093	1100	6/6
		Standard	2650	2900	3000							
T500	5000	wide tires	2750	2900	3150	2370	2370	2430	1188	1193	1200	6/6
		dual tires	2800	2950	3200							
T540	5400	Standard	2600	2900	3000	2470	2470	2555	1288	1293	1300	3/6
		wide tires	2700	2900	3150							
T600	6000	dual tires	2750	2900	3150	2670	2670	2780	1488	1493	1500	3/6
		Standard	2600	2900	3000							
T650	6500	wide tires	2200	2400	2600	2870	2870	-	1688	1693	-	3/3
		dual tires	1250	1300	-							
T700	7000	Standard	1500	1600	-	3045	3045	-	1863	1868	-	3/3
		wide tires	2000	2200	-							
T750	7500	dual tires	850	1000	-	3370	3370	-	2188	2193	-	3/3
		Standard	1000	1200	-							
		wide tires	1800	2000	-							
		dual tires	-	-	-							
		Standard	600	700	-							
		wide tires	1200	1300	-							

3.0-3.5t: without blocking shelf, the free lifting height increases by 435mm; 3.8t: without blocking shelf, the free lifting height increases by 381mm.

S series wide field of view standard / two-stage full free mast: 3t, 3.5t

Mast model	maximum lifting height (mm)	front wheel form	load carrying capacity (load center distance 500mm) (kg)		full height of mast (forks on the ground, mast vertical) (mm)		free lifting height (with blocking shelf) (mm)		mast tilt angle α/β(°)
			3t	3.5t	3t	3.5t	3t	3.5t	
M200/F200	2000	Standard	3000	3500	1570	1620	155/388	160/443	6/12
M250/F250	2500	Standard	3000	3500	1820	1870	155/638	160/693	6/12
M300/F300	3000	Standard	3000	3500	2070	2120	155/888	160/943	6/12
M330/F330	3300	Standard	3000	3500	2220	2270	155/1038	160/1093	6/12
M350/F350	3500	Standard	3000	3500	2320	2370	155/1138	160/1193	6/12
M370/F370	3700	Standard	3000	3500	2420	2470	155/1238	160/1293	6/6
M400/F400	4000	Standard	2900	3400	2620	2670	155/1438	160/1493	6/6
		wide tires	3000	3500					
M425	4250	dual tires	3000	3500	2745	2795	155	160	6/6
		Standard	2750	3200					
M450	4500	wide tires	2800	3300	2870	2920	155	160	6/6
		dual tires	2800	3300					
M500	5000	Standard	2650	3050	3120	3170	155	160	6/6
		wide tires	2700	3100					
M550	5500	dual tires	2700	3100	3420	3470	155	160	3/6
		Standard	2150	2250					
M600	6000	wide tires	2300	2400	3670	3720	155	160	3/6
		dual tires	2550	2600					
		Standard	1400	1550					
		wide tires	1600	1800					
		dual tires	2100	2300					

3.0t: without blocking shelf, the free lifting height increases by 485mm; 3.5t: without blocking shelf, the free lifting height increases by 435mm

S series wide field of view three-stage full free mast: 3t, 3.5t

Mast model	maximum lifting height (mm)	front wheel form	load carrying capacity (load center distance 500mm) (kg)		full height of mast (forks on the ground, mast vertical) (mm)		free lifting height (with blocking shelf) (mm)		mast tilt angle α/β(°)
			3t	3.5t	3t	3.5t	3t	3.5t	
T360	3600	Standard	3000	3500	1870	1870	688	693	6/6
T400	4000	Standard	3000	3500	2020	2020	688	693	6/6
		wide tires	3000	3500					
		dual tires	3000	3500					
T435	4350	Standard	2750	3100	2120	2120	838	843	6/6
		wide tires	2800	3250					
		dual tires	2800	3250					
T450	4500	Standard	2600	2950	2170	2170	988	993	6/6
		wide tires	2700	3050					
		dual tires	2750	3100					
T470	4700	Standard	2550	2800	2230	2230	1048	1053	6/6
		wide tires	2650	2800					
		dual tires	2700	2850					
T480	4800	Standard	2500	2800	2270	2270	1088	1093	6/6
		wide tires	2600	2800					
		dual tires	2650	2850					
T500	5000	Standard	2300	2700	2370	2370	1188	1193	6/6
		wide tires	2400	2750					
		dual tires	2650	2800					
T540	5400	Standard	2150	2250	2470	2470	1288	1293	3/6
		wide tires	2300	2400					
		dual tires	2550	2600					
T600	6000	Standard	1400	1550	2670	2670	1488	1493	3/6
		wide tires	1600	1800					
		dual tires	2100	2300					
T650	6500	Standard	1150	1200	2870	2870	1688	1693	3/3
		wide tires	1400	1500					
		dual tires	1900	2100					
T700	7000	Standard	750	900	3045	3045	1863	1868	3/3
		wide tires	900	1100					
		dual tires	1700	1900					
T750	7500	Standard	-	-	3370	3370	2188	2193	3/3
		wide tires	500	600					
		dual tires	1100	1200					