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XCMG

PT SOLUSI INDO PERDANA
BE PRODUCTIVE, BE SOLUTIVE FOR MATERIAL HANDLING

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XCMG PT SOLUSI INDO PERDANA
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8.0-10t

Peacock Series Electric Counterbalanced Forklifts



XCMG Special Construction Machinery Co., Ltd.

XCMG

Leads the electric forklift industry into the era of high performance

High performance

High performance≠High energy consumption
High performance≠High heat
High performance≠Reduced safety

All-weather

Protection level: IP65
No fear of
Raining and wading
Highland, cold storage

High flexibility

High voltage
National standard charging gun
Small turning radius

Comfort

Fully suspended shock-absorbing seats
Large room for head and foot
Ergonomic design

High safety

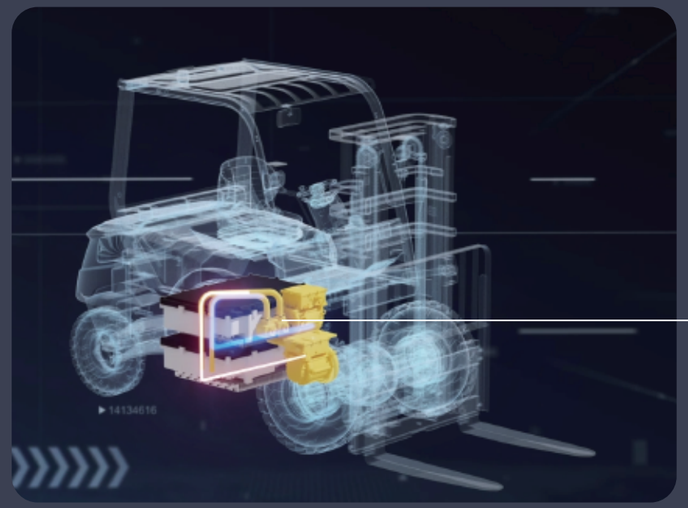
Automotive-grade lithium battery pack
A complete OPS system
Automatic holding+
Slow Slipping Function

Long range

Three electric liquid cooling
Full charge in 1 hour



Liquid cooling era XCMG



High performance

Equipped with the unique XEC electronic control technology of XCMG,it effectively matches the working conditions in segments and works with the permanent magnet synchronous motor, so that the energy consumption of the whole vehicle is still better than that of some vehicles with double-15 performance, even though the performance exceeds that of the double-20.



XCMG motor, electronic control and battery system are equipped with liquid cooling system,which ensures the whole vehicle to work for a long time through appropriate internal cooling matching.

P E S

Powerful Economical Energy-saving

PES 3-speed a new speed followed steering function is added, which makes the steering wheel light when steering on the spot and more secure when drivin-gat high speeds.

All-weather

The protection level of electrical parts and components of the Peacock series is IP65.



Rain test

Heavy-rainfall rain test for 15 minutesIntact for the whole vehicleContinuous and stable operation



Wading test

Continuous driving in 500mm-deep pool for 15 minutes Intact for the whole vehicle Continuous and stable operation



Highland test

4,500 metres above the sea level Ambient temperature: -20°C 5-Day continuous test for the whole vehicle driving and lift.Intact for the whole vehicle Continuous and stable operation



Cold storage test

Continuous parking at -20°C for 12 hours and intermittent operation in cold storage for 6 hours.Intact for the whole vehicle Continuous and stable operation

High flexibility、Comfort

Peacock series adopts high voltage battery pack and national standard charging gun.Completely interchangeable with car charging post





Integral overhead guard with shock absorbing arrangement
Guarantee the driver's comfort
Plenty of head and foot space



The car is equipped with a large car handle Ratcheting hand brake Cup holder、Cell phone holder、USB interface、Color screen instruments, etc.A number of buttons are reserved for the expansion of the later configuration functionsThe rear has increased a number of storage devices to ensure the humanization for the operation.

High ground clearance with small turning radius can adapt to more working conditions.



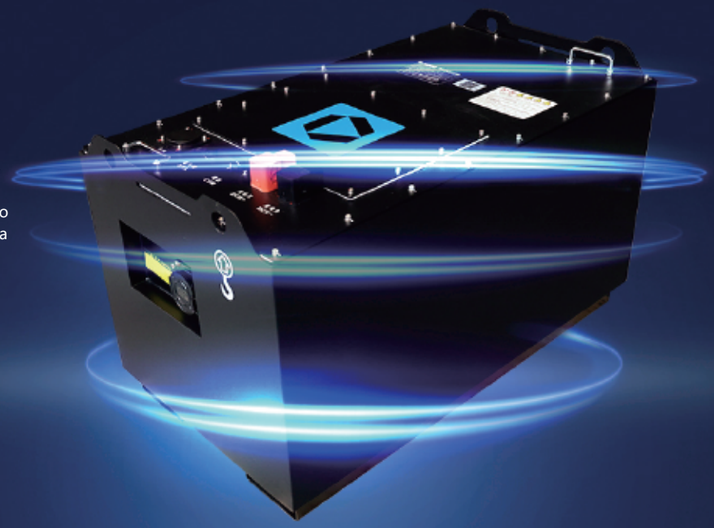




Safety and Intelligence
XCMG Guardian

High safety

Automotive-grade lithium battery pack With triple safety protection as follows:



MSD function

In case of maintenance or certain leakage emergencies,the circuit can be quickly separated, so that the voltage level of the battery system is in a safe stateto avoid electric shock.The MSD is also equipped with a fuse to protect against short circuit and overload.



Main positive and negative line relays for charging and discharging

Inside the PDU control box, there are separate main positive and negative line relays for charging and discharging the main positive line and auxiliary discharging line are also equipped with fuses to protect against short circuit and overload.

Voltage interlock

All components and wiring harness connectors of the whole vehicle must be installed in place.When they are not connected or not connected in place, the BMS cuts off the voltage circuit, and the voltage of the conductive part that can be touched by human body is cut off

Steep hill descent

Full set of OPS ramp control, which ensures the safety of people and goods in 360°. Release the pedal on the ramp, and it will start to back up slowly after 3-5 seconds of automatic parking.



Long battery life + fast charging

Wide range of battery capacity options Standard with three electric liquid cooling for a long time of work Extremely fast charging to ensure a full charge in 1 hour

High Intelligence

Peacock Series can be equipped with a complete high intelligence management suite, including industrial vehicle management platform, advanced driver assistance system, driver behavior analysis and driver identification;



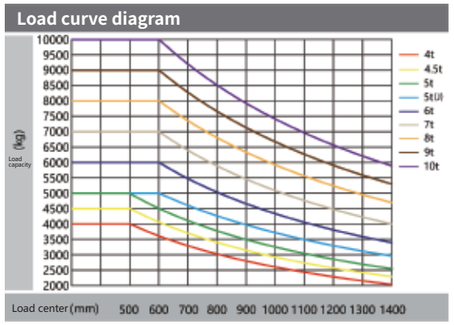








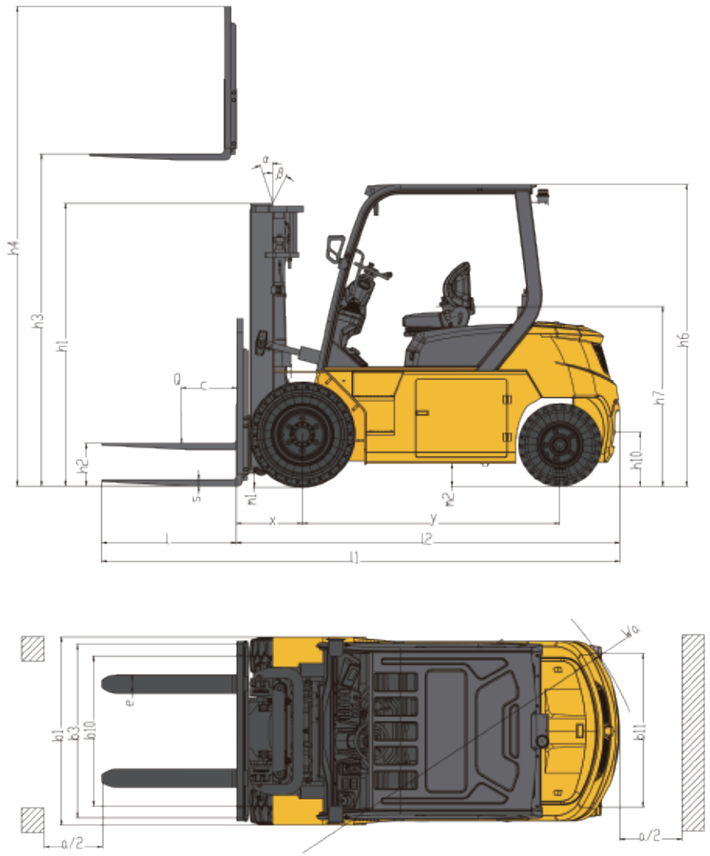
Load curve diagram



Note:

The vertical axis shows the load capacity and the horizontal axis shows the load center.The load center is calculated from the front of the forksThe base point of a standard load is the center of a cube with a load side length of 1,200 mmWhen the mast is tilted forward, non-standard forks are used, or loads exceeding the normal width are loaded,the load capacity will be reduced.By means of the load curve diagram,the load capacity of a standard mast at various load centers can be readily understood.

Structure diagram



Technical data

Charact-erization	1.1	The manufacturer		XCMG	XCMG	XCMG
	1.2	Model		XVB	XVB	XVB
	1.2a	Configuration No.		80-QL9-G	90-QL9-G	100-QL9-G
	1.3	Power type		Lithium batteries	Lithium batteries	Lithium batteries
	1.4	Operating method		Seat type	Seat type	Seat type
	1.5	Rated lift capacity	Q(kg)	8000	9000	10000
	1.6	Load center distance	c(mm)	600	600	600
	1.8	Front overhang distance	x(mm)	685	695	695
	1.9	Wheel base	y(mm)	2450	2450	2450
Weight	2.1	Deadweight (with battery)	(kg)	12230	13120	13800
	2.2	Bridge full load, front/rear	(kg)	18056/2174	19660/2460	21220/2575
	2.3	Bridge no loaded, front/rear	(kg)	5860/6370	5900/7220	5935/7865
Wheel	3.1	Tire type, front/rear		Pneumatic tire/ pneumatic tire	Pneumatic tire/ pneumatic tire	Pneumatic tire/ pneumatic tire
	3.2	Tire size, front		9.00-20-14PR	9.00-20-14PR	9.00-20-14PR
	3.3	Tire size, rear		8.25-15	8.25-15	8.25-15
	3.5	Number of wheels, front/rear (x=sprocket)		4x/2	4x/2	4x/2
	3.6	Track front	b10(mm)	1600	1600	1600
	3.7	Track rear	b11(mm)	1526	1526	1526
Dimensions	4.1	Mast inclination, front/rear	a/b(°)	6/12	6/12	6/12
	4.2	Mast retraction height	h1(mm)	2550	2700	2850
	4.3	Free lift height	h2(mm)	190	200	200
	4.4	Lift height	h3(mm)	3000	3000	3000
	4.5	Max. height during operation (6-7 with load backrest; 8-10 without load backrest)	h4(mm)	4190	4200	4345
	4.7	Height of overhead guard	h6(mm)	2595	2595	2595
	4.8	Seat SIP point height, to the floor	h7(mm)	1595	1595	1595
	4.12	Traction pin height	h10(mm)	660	660	660
	4.19	Overall length (with forks)	l1(mm)	5010	5020	5020
	4.20	Overall length (without forks)	l2(mm)	3790	3800	3800
	4.21	Overall width	b1(mm)	2206	2206	2206
	4.22	Fork dimensions (thickness/width/length)	s/e/l(mm)	70/175/1220	80/175/1220	80/175/1220
	4.23	Fork carriage, ISO2328		—	—	—
	4.24	Width of forks carriage	b3(mm)	2140	2140	2140
	4.25	Fork adjustment range	b5(mm)	420-2060	420-2060	420-2060
	4.31	Ground clearance at mast, full load	m1(mm)	250	250	250
	4.32	Ground clearance at wheel base center, full load	m2(mm)	250	250	250
	4.34.1	Right-angle stacking aisle width, pallet 1,000 x 1,200 placement across forks	Ast(mm)	5245	5245	5245
	4.34.2	Right-angle stacking aisle width, pallet 800 x 1,200 placement along the forks	Ast(mm)	5445	5445	5445
	4.35	Outside turning radius	Wa	3350	3350	3350
	5.1	Travel speed,Full/no load	(km/h)	29/30	28.5/30	28/30
	5.2	Hoisting speed,Full/no load	(m/s)	0.48/0.58	0.42/0.48	0.4/0.48
	5.3	Descent speed,Full/no load	(m/s)	0.45/0.41	0.45/0.41	0.45/0.41
	5.6	Max. traction,Full	(N)	49000/40500	49000/40500	49000/40500
	5.8	Max. grade ability,Full/no load	(%)	26/25	24/25	22/25
	5.10	Service brake/parking brake		Hydraulic/mechanical	Hydraulic/mechanical	Hydraulic/mechanical
Drive	6.1	Traction motor power, S2-60min working system	(kW)	58	58	58
	6.2	Lift motor power, S3-15% working system	(kW)	56.9	56.9	56.9
	6.3	Battery, DIN43531/35/36A,B,C, no		—	—	—
	6.4	Battery capacity	(V/Ah)	309/230	309/230	309/230
	6.5	Battery weight (±5%)	(kg)	620	620	620

With the advancement of technology, product structures, parameters, etc. will be continuously improved without further notice. In case of discrepancy between the sample information and the substance, the substance shall prevail.

Mast parameters

Basic mast with wide view field

Mast model	Max. lift height(mm)	Full height of mast (forks on the ground, vertical mast)(mm)			Free lift height(mm)			Max. operating height (mm)			Mast inclination a/β(°)		
		8t	9t	10t	8t	9t	10t	8t	9t	10t	8t	9t	10t
M250	2500	2300	2450	2600	190	200	200	3690	3700	3845	6/12	6/12	6/12
M300	3000	2550	2700	2850	190	200	200	4190	4200	4345	6/12	6/12	6/12
M330	3300	2700	2850	3000	190	200	200	4490	4500	4645	6/12	6/12	6/12
M350	3500	2800	2950	3100	190	200	200	4690	4700	4845	6/12	6/12	6/12
M375	3750	2925	3075	3225	190	200	200	4940	4950	5095	6/12	6/12	6/12
M400	4000	3100	3250	3400	190	200	200	5190	5200	5345	6/12	6/12	6/12
M425	4250	3225	3375	3525	190	200	200	5440	5450	5595	6/12	6/12	6/12
M450	4500	3350	3500	3650	190	200	200	5690	5700	5845	6/12	6/12	6/12
M475	4750	3475	3625	3775	190	200	200	5940	5950	6095	6/6	6/6	6/6
M500	5000	3600	3750	3900	190	200	200	6190	6200	6345	6/6	6/6	6/6
M550	5500	3900	4050	4200	190	200	200	6690	5700	6845	6/6	6/6	6/6
M600	6000	4150	4300	4450	190	200	200	7190	7200	7345	6/6	6/6	6/6

Wide view field two-stage full free mast

Mast model	Max. lift height(mm)	Full height of mast (forks on the ground, vertical mast)(mm)			Free lift height(mm)			Max. operating height (mm)			Mast inclination a/β(°)		
		8t	9t	10t	8t	9t	10t	8t	9t	10t	8t	9t	10t
F250	2500	2300	2450	2600	1075	1075	1225	3665	3705	3850	6/12	6/12	6/12
F300	3000	2550	2700	2850	1325	1325	1475	4165	4205	4350	6/12	6/12	6/12
F330	3300	2700	2850	3000	1475	1475	1625	4465	4505	4650	6/12	6/12	6/12
F350	3500	2800	2950	3100	1575	1575	1725	4665	4705	4850	6/12	6/12	6/12
F375	3750	2925	3075	3225	1700	1700	1850	4920	4955	5100	6/12	6/12	6/12
F400	4000	3100	3250	3400	1875	1875	2025	5165	5205	5350	6/12	6/12	6/12

Wide view field three-stage full free mast

Mast model	Max. lift height(mm)	Full height of mast (forks on the ground, vertical mast)(mm)		Free lift height(mm)			Max. operating height (mm)		Mast inclination a/β(°)		
		8t/9t	10t	8t	9t	10t	8t/9t	10t	8t	9t	10t
T360	3600	2450	2570	1320	1320	1195	4745	4950	6/6	6/6	6/6
T400	4000	2575	2700	1444	1444	1325	5145	5350	6/6	6/6	6/6
T435	4350	2700	2820	1570	1570	1445	5495	5700	6/6	6/6	6/6
T450	4500	2750	2870	1620	1620	1495	5645	5850	6/6	6/6	6/6
T480	4800	2850	2970	1720	1720	1595	5945	6150	6/6	6/6	6/6
T500	5000	2950	3035	1820	1820	1660	6145	6350	6/6	6/6	6/6
T540	5400	3075	3225	1944	1944	1850	6545	6750	6/6	6/6	6/6
T600	6000	3375	3425	2244	2244	2050	7145	7350	6/6	6/6	6/6
T650	6500	3600	3590	2470	2470	2215	7645	7850	6/6	6/6	6/6
T700	7000	3750	3855	2620	2620	2480	8145	8350	6/6	6/6	6/6

Loading capacity of two-stage mast : 8t、7t、10t

Mast model	Max. lift height(mm)	Front wheel type	Loading capacity of the whole vehicle (kg) (600mm load center)		
			8t	9t	10t
M250/F250	2500	Dual tires	8000	9000	10000
M300/F300	3000	Dual tires	8000	9000	10000
M330/F330	3300	Dual tires	8000	9000	10000
M350/F350	3500	Dual tires	8000	9000	10000
M375/F375	3750	Dual tires	8000	9000	10000
M400/F400	4000	Dual tires	8000	9000	10000
M425	4250	Dual tires	8000	9000	10000
M450	4500	Dual tires	8000	9000	10000
M475	4750	Dual tires	8000	9000	10000
M500	5000	Dual tires	8000	9000	10000
M550	5500	Dual tires	7400	8500	9000
M600	6000	Dual tires	7000	7500	8000

Loading capacity of three-stage mast：8t、7t、10t

Mast model	Max. lift height (mm)	Front wheel type	Loading capacity of the whole vehicle (kg) (600mm load center)		
			8t	9t	10t
T360	3600	Dual tires	7500	8500	9000
T400	4000	Dual tires	7500	8500	9000
T435	4350	Dual tires	7000	8000	8500
T450	4500	Dual tires	7000	8000	8500
T470	4700	Dual tires	7000	8000	8500
T480	4800	Dual tires	7000	8000	8500
T500	5000	Dual tires	6500	8000	8200
T540	5400	Dual tires	6100	7500	7700
T600	6000	Dual tires	5600	6700	7000
T650	6500	Dual tires	5000	5800	6200
T700	7000	Dual tires	4500	5000	5500

Option information

Battery and charger option table (lithium)

Voltage/capacity	309V/230Ah	309V/245.5Ah	309V280Ah	309V304Ah
8t-10t	●	○	○	○
Charger standard	750V/100A	750V/100A	750V/200A	750V/200A
Optional charger	750V/200A	750V/200A	—	—

Note: ●standard, ○optional

Option table

Basic function options	
Pneumatic tires(1)	●
Dual front tires	●
Eco-friendly solid tire	○
Ordinary solid tire	○
M300 Mast	●
Other mast (2)	○
Standard forks(3)	●
Non-standard forks	○
Forklift attachment	○
Lithium batteries of all sizes	○
Charger (4)	●

Hydraulic function options	
Four multi-way valve (5)	●
Five multi-way valve	○
Metric thread hydraulic system	●

Comfort function options	
End cushioning function for mast lowering	●
End cushioning function for mast raising	○
Electric fan	○
Steering wheel triggered steering function	○
Synchronized steering function	○
Automatic deceleration function for turning	○

Cab and windshield options	
Integral cab (with fan + wiper)	○
Integral cab + refrigeration air conditioner	○
Integral cab + heater	○
Integral cab + refrigeration air conditioner + heater	○
Front windshield (including wiper)	○
Rear windshield	○
Top windshield	○

Safety function options	
Activation by card	●
Full OPS function (including down OPS)	●
Multi-way valve with overload protection	○
Embedded shock-absorbing seat (including seat switch)	●
Embedded shock-absorbing seat (including seat switch + belt lock)	○
LED beacon lamp	●
LED rotating warning light	○
LED rotating beeping warning light	○
Blue spotlight/red spotlight	○
Blue bar marker lamp/red bar marker lamp	○
Reversing radar	○
Reversing camera (with radar)	○
Reversing voice horn	○
Center rearview mirror	●
Left and right rearview mirrors	○
Left and right rearview mirrors + center rearview mirror	○
1kg fire extinguisher (dry powder)	○
2kg fire extinguisher (carbon dioxide)	○
3kg/4kg fire extinguisher (carbon dioxide)	○
Speeding alarm(8km/h or 10km/h)	○

Other options	
Non-universal key	●
Universal key	○
USB interface	●
Overhead guard (with front guard)	○
XCMG vehicle network	●
Steering cylinder casing	○
Lithium battery liquid cooling	●
Lithium battery low-temperature heating function	○

Note: ●standard, ○optional
(1) Pneumatic tires on front wheels, solid tires on rear wheels;
(2) For other mast information, please refer to the mast information table;
(3) Please refer to the technical parameter table for standard fork specifications information;
(4) For charger specification, please refer to the charger information table;
(5) Tandem bars + forks with separate side shift are standard.