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dealer for available options.



**XC6-2506E**

SECURITY, GREEN AND INTELLIGENCE



Rated operating load: 2500kg  
Maximum lifting height: 6000mm  
Maximum traction: ≥24.5 kN

XCMG XC6-2506E Telehandler



[www.wme.cn/xcmg-xc6-2506e/](http://www.wme.cn/xcmg-xc6-2506e/)



## HIGH-END ASSEMBLY LINE



## INTRODUCTION OF XCMG

Founded in 1943, XCMG is a multinational corporation with the most comprehensive range of competitive, influential products in the construction machinery industry. Our business covers eight key areas: construction machinery, heavy trucks, mining machinery, sanitation machinery, machinery components, construction, finance, and the ICT industry.

XCMG has established a global R&D network with a total of six centers in China, the US, Germany, Brazil and India, with the China national technology center at its core. In addition to a number of manufacturing bases across China, the US, Germany, the Netherlands, Poland, Austria, Brazil, India, and Uzbekistan, we possess two complete machine brands (XCMG, Schwing), and several component brands including FT, and AMCA. The strength of this global R&D network and the manufacturing operations made XCMG the industry leading global construction equipment manufacturer that it is today.

For more than 30 years, XCMG has been sowing the seeds of overseas development as the No. 1 exporter in China's construction machinery industry. Today, we have 42 branches and offices, 315 distributors, and 526 contractors in 188 countries and regions worldwide and we are still growing rapidly.

## XCMG IN EUROPE

Since its foundation in 2012, XCMG is gradually establishing a complete network including: R&D department, local distribution, supply chain management and an integrated customer services and training center. Nowadays, with 3 branches, XCMG has over 100 multinational employees in Europe, of which more than 50 % are R&D engineers:

**ERC: XCMG European Research Center GmbH**

**ESS: XCMG European Sales and Services GmbH**

Our local professional R&D team and our cutting-edge innovation platform guarantee that our products are carefully crafted to the smallest detail according to the diverse needs of European customers.





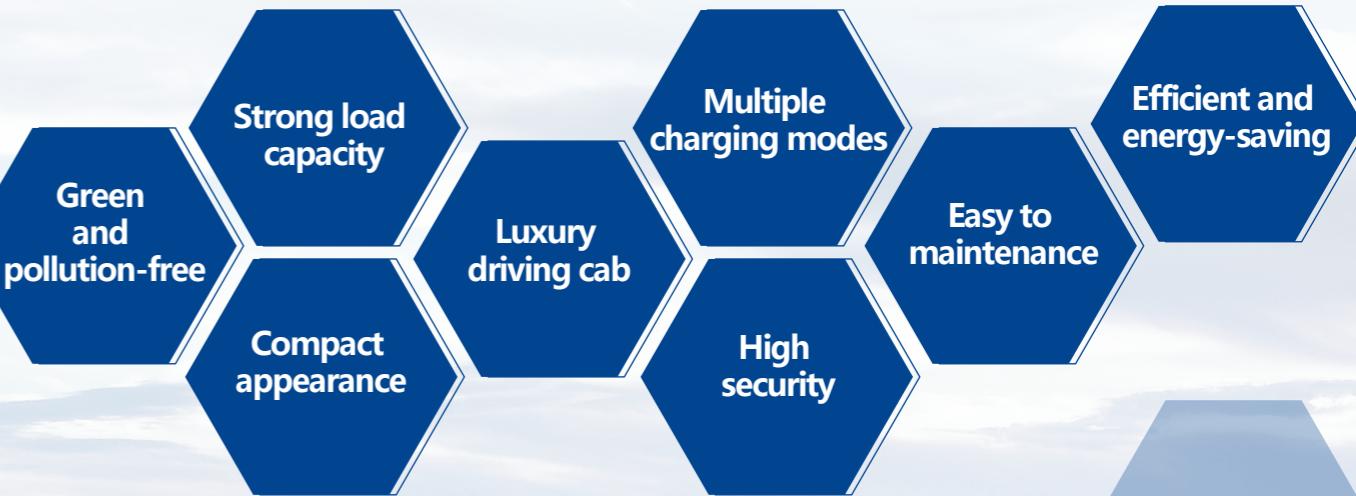
## New energy - electric telehandler

XC6-2506E telescopic forklift loader is a light-weight compact electric telescopic forklift product independently developed and designed by XCMG to break into the European and American high-end markets. In combination with the electrification trend of engineering machinery throughout the world, it integrates the mature domestic electric drive technologies and the cost advantage of core components. With compact structure, flexible operation, sensitive action, zero emission and low noise, this product is applicable to the operation in places having relatively high requirements on pollutant emission and noise, such as enclosed space, livestock shed, vegetable processing plant, hospital, school or downtown area.

Safe, green and intelligent, XCMG's XC6-2506E leads the new trend of the industry!



## XC6-2506E Advantageous performance



## 1. Clean energy

Zero emission and pollution: Green, environment-friendly, make great contribution to improving air quality; Low noise: Mainly oriented to the construction and agriculture markets, especially the places having relatively high requirements on pollutant emission and noise.



## 2. Dual-motor drive system

High-power dual-motor drive system is used, Powerful and fast.

## 3. Compact structure, good traffiability

Width and height of the machine are less than 2m, so it can pass special narrow spaces like low door, narrow passage, underground parking lot, etc; it also has small turning radius and good traffiability.

## 4. Large load bearing capacity, wide operating range

When fork is configured, the maximum operating height is 6m, the maximum reach distance is 3.4m, the rated operating load is 2.5t, the bearing capacity at maximum reach distance is 0.9t, and the bearing capacity at maximum operating height is 2t; therefore, the operating capacity is better than similar products.



## 5. Cab and control system

Luxurious and comfortable cab with 930mm width, Lower hinge point of arm carrier, wide vision, Air conditioner, ventilation system, multi-window stereoscopic air supply in the cab to meet the operator's cooling and heating requirements. Seat and direction can be adjusted at will; radio, cigarette lighter, electric can, emergency hammer, fire extinguisher, non-slip mat, front and rear windscreens wipers are provided; front and rear glasses are provided with defrosting function; cab is fully sealed; the design principle of "people first" throughout the machine provides the operator a safe and comfortable operating environment.

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## 6. Torque limiter system

The system is composed of weight sensor and control display. When the machine is about to be fully loaded, the system will remind the operator with red indicator; when the machine is overloaded, the system will cut off relevant pilot oil circuits to limit the extension and falling of the arm. With stable and reliable performance, the system can effectively prevent the machine from tipping over.



## 7. Multiple charging modes

The XCMG XC6-2506E is equipped with high-power dual-motor drive system, it's equipped with an 80V412AH lithium battery and lasts for 6-8 hours. It's equipped with a car-mounted charger as standard, and an optional international REMA fast charge, which can be charged in 2 hours. It can be said to be the real king of performance.

## 8. Multiple usage models

There are two walking gears, fast and slow, and three working device gears: fast, medium and slow. Customers can adjust various speeds according to their needs, which is more energy-saving.

## 9. Maintainability

The large side door and up-turning engine hood is used, which can completely expose the battery control system, air conditioner system, fuse box and alike for easier inspection, maintenance and repair.

## 10. Multi-purpose

XCMG XC6-2506E telescopic forklift loader can be equipped with different work devices like scrapper pan, operation platform, clamp, etc. to meet different operation requirements.

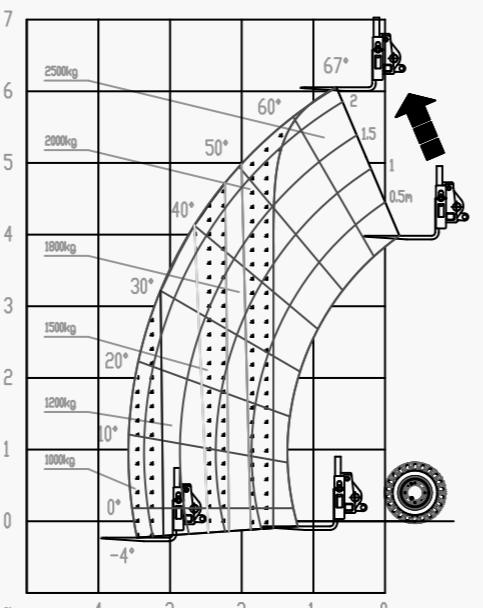
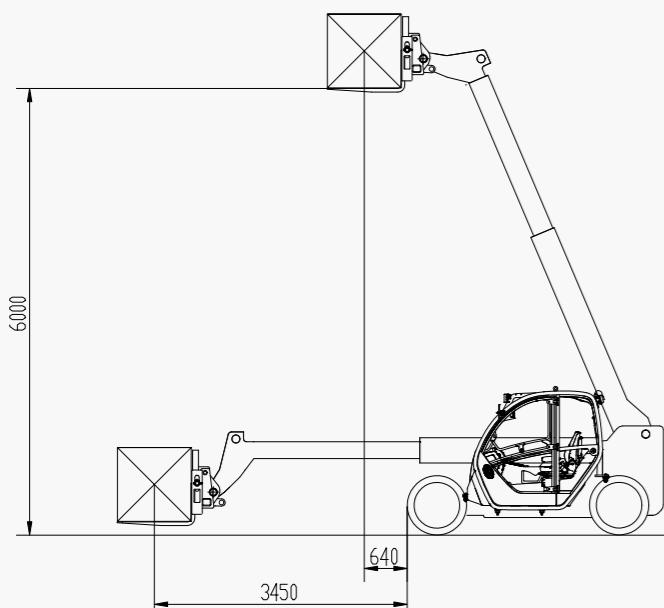


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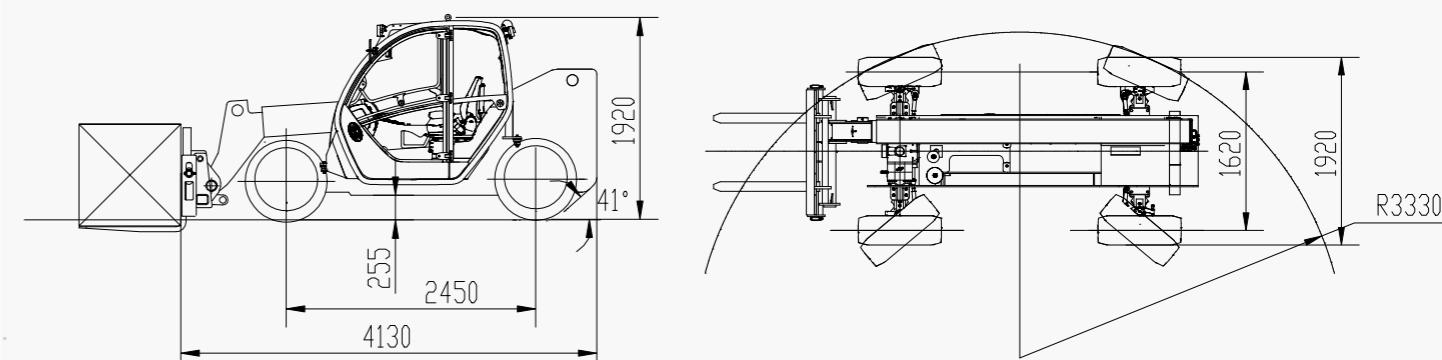
■ Main technical parameters of XC6-2506E telescopic forklift loader

S/N	Item name	Parameter value	
1	Rated operating load	2500 kg	
2	Operating mass	5360 kg	
3	Maximum lifting height (to upper plane of fork)	6000 mm	
4	Effective load at the maximum lifting height	2500 kg	
5	最大起升高度时的前伸距	640 mm	
6	Maximum reach distance (arm level, load center to front end of tire)	3450 mm	
7	Effective load at the maximum reach distance	1000 kg	
8	Load center distance	500 mm	
9	Braking distance	≤5.6 m	
10	Minimum ground clearance (frame)	255 mm	
11	Wheelbase	2450 mm	
12	Tread	1620 mm	
13	Minimum turning radius (outer side of tire)	≤3330 mm	
14	Work device	Luffing time (rising)	≤9.5 s
		Luffing time (falling)	≤4.2 s
		Second arm stretching-out time	≤8.2 s
		Second arm retracting time	≤4.3 s
		Fork arm carrier forward tiling time	≤3.5 s
		Fork arm carrier backward tiling time	≤2.6 s
15	Telescopic arm luffing angle	-4° ~ 67°	
16	Range of inclination angle of fork arm carrier (arm level)	-12° ~ 114°	
17	Maximum speed	15.5km/h	
18	Battery	Type	Lithium battery
		Voltage	80 V
		Capacity	412 Ah
19	Tire specification	12-16.5	
20	Overall dimension of complete machine, mm	Length 4100 × width 1920 × height 1920, mm	



■ The main functions are as follows

S/N	Function	Description
1	4WD	Four-wheel drive
2	Three steering modes	Two-wheel, four-wheel or crab steering, flexible driving, small turning radius
3	Locked front axle, floating rear axle	Front axle is fixed on the frame, rear axle can float within the range of ±10°, which ensures the safety and toe place adaptability of the completed machine
4	Torque limiter automatic limiting system	Overload alarm is provided to prevent the arm from acting in more dangerous direction, thus the safety is higher.
5	Ergonomic ROPS and FOPS cab	FOPS and ROPS certified cab; Electric drive handle operating all actions with one hand, air conditioner, ventilation system, and front + right + rear defrosting, improve the driver comfort and make the design more humanized
6	Intelligent braking system	(1) Parking brake is released automatically after shifting the gear and pressing the accelerator pedal; (2) Parking brake is triggered automatically in 5s after the driver leaves the seat; (3) After the machine is shut down, the parking brake is applied automatically to disconnect the walking system, for the purpose of higher safety.
7	Moving arm safety lock is provided	When the moving arm needs to be lifted during maintenance or alike, the moving arm safety lock can prevent the arm from falling, which makes the workers safer
8	Main switch of electrical system	The switch of electrical system can be disconnected in case of a long idle time, so as to prevent the battery from power loss and damage
9	Fully sealed waterproof connectors	Electrical components are more reliable, with IP65 protection rating
10	Various charging modes	The standard on-board charger can fully charge the battery in 8-10h, and the optional international standard REMA quick charger can fully charge the battery in 2 hours.
11	Pedal brake energy recovery function	Energy is recovered automatically when releasing the accelerator pedal, so as to increase the operating hours of the machine
12	Multiple operation modes	Eco: Low energy consumption, save energy resource, slightly reduce the operation performance of machine; Power: Optimal performance, selected when it is necessary to use the telescopic arm or the maximum gear of gearbox
13	LCD control panel	It displays information like steering mode, battery capacity, alarm, walking speed, etc.
14	Handle lock	The function can be triggered by pressing the button or triggered automatically after the driver leaves the seat, in order to prevent misoperation
15	Tipping bucket lock	It ensures that the bucket will not be tipped automatically during walking, for the purpose of higher safety.





# Optimum Services, XCMG Guaranteed



XCMG-approved attachments



Genuine parts



Extension of warranty



Financial solutions



Maintenance contract



Telematics

## Professional Integrated Complete Solutions

The XCMG group has built a strong reputation based on the quality, reliability, and durability of its construction machinery. What's more, XCMG has gradually established a service network to constantly provide its local integrated and highly efficient complete solutions for all customers.

## Full Range of Services Ready for you

In order to respond to your needs as fast as possible, XCMG experts are on their way to your job site from one of our facilities near you. A full range of services is available in order to reduce your total cost of ownership and increase your revenue.



XC6-1056VN

XC6-4517K

XC6-3514K

XC6-3007K

XC6-2506E

