

## XCA1200 All Terrain Crane



XCA 1200 is the eight-axle thousand tonnages all terrain crane with leading performance and working efficiency. With the jib specialized for wind power applications, the crane has excellent capacity for lifting wind turbines up to 2.5 MW. With excellent seven-axle driven by double-power, the crane has outstanding capacity for transferring from a jobsite to another under heavy load. Due to modular design, flexible conversion between wind power version and standard version is possible, which makes the crane suitable for wider applications.

### Product Highlights

#### (1) Excellent capacity for lifting wind turbines

The eight-axle 1200 t all terrain crane is first launched in the industry. Latest developed self-folding wind power jib system and Y-type super lifting device with lattice arms and multi-parts of line sheave block make the crane lift wind turbines up to 2.5 MW, which exceeds the capacity of a nine-axle 1200 t crane of **other manufactures**.

#### (2) Outstanding capacity for transferring from a jobsite to another under heavy load

With industry initiative mechanical six-axle drive, combined with XCMG in-house

developed G1 high speed ratio hydraulic auxiliary drive, the crane can drive with the main boom, super lifting device, wind power jib and front & rear outriggers on board from a jobsite to another one. The max. grade ability is 38%. It is the first thousand tonnage crane with independent suspensions in the industry. Its passing ability is improved by 30%, which can meet the requirements driving on terrain conditions in mountainous areas where wind farms locate.

### (3) High efficiency moving from a wind turbine location to another one in a jobsite

The industry initiative self-folding wind power jib system can be taken on board while driving from a wind turbine location to another one in a jobsite. It does not need an assistant equipment to fold the wind power jib, and only 2 hours are required for stowing the crane with the wind power jib attached into travel configuration, which contributes to improvement of 20% in the efficiency transferring from a wind turbine location to another one in a jobsite, leading to great cost reduction.

### (4) Wider applications

Due to modular design, flexible conversion between wind power version and standard version is possible, which makes the crane suitable for wider applications. The wind power version consists of a seven-section boom of 89.7 m and a self-folding wind power jib of 25.2 m. After the 8th boom section is added and the general outriggers are replaced, the wind power version is changed to the standard version with an eight-section boom of 102 m, which is suitable for wide applications, such as for lifting petrochemical equipment, bridge sections, steel structural members.

## Main technical specifications

Item	Unit	Parameter
Max. rated lifting capacity	t	1200
Length of fully-extended boom	m	102
Max. travel speed	km/h	80
Max. grade ability	%	58
Engine rated power	kW/(r/min)	480/1800
Engine emission	—	China V

Note: due to the continuous modification and improvement of products, we reserve the rights to modify product model, parameters and configuration without any notice.