Zoomlion

TC Series Tower Crane
Advantages of Zoomlion Tower Crane

High efficiency

More stability

Superior quality

Control System

Considerate Arrangement
High Efficiency
Automatically reeving

Change the reeving automatically from 4 to 2
Quick-release fastener and square shaped steel tube structure
More stability
The test of filling a glass with beer by Tower Crane
Trolley mechanism

Trolley mechanism is divided into frequency altering speed regulation and pole-changing speed regulation.
Slewing mechanism

The slewing mechanism is divided into frequency altering speed regulation and wound motor series connection resistance speed regulation.
Hoisting mechanism

Hoisting mechanism is divided into frequency altering speed regulation, speed regulation of multi-pole wound motor secondly series connecting resistance, and pole-changing speed regulation.
Superior quality
Mast sections are of special square steel tube structure. The forces loaded on the main stand tube and the auxiliary support tube intersect at one point so as to bear larger load with the best whole mechanics performance.

The comparison of the square steel and angle steel sections.
Welding components of mast section of square steel tube structure

Intersection point of welded mast section of square steel tube structure

Welded joints of mast section of square steel tube structure
Considerate Arrangement
The beam-lifting and the claws-climbing for the climbing frame are set at the upper part of the lower platform, for convenient and safety operation.
Operating Cab
Control System
PLC

Logical judgment and processing by PLC, each working mechanism controlled efficiently and reliably.

Less fault source with less control elements, more reliable

Specially developed professional software is of the world top level

Avoid mis-operating

Automatic fault analysis

Intelligent control technique with programmable PLC
Electrical Control Cabinet

Japan PLC controller

Japan frequency transformer

Main electrical elements are used from the top brand of the world
International market:

We exported the first tower crane Albania on Oct. 2002, up till the end of 2006, we exported 236 tower cranes into 24 countries, Angola, 79 sets, UAE, 68 sets, and so on.

Domestic market:

We sale our first tower crane TC5613 on 15th, May, 1996 to Beijing, during the 10 years, up to the end of 2006, we sale 1672 sets tower cranes on domestic market.
Thank you!