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Zoomlion TC Series Tower Crane



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Advantages of Zoomlion Tower Crane

High efficiency

More stability

Superior quality

Control System

Considerate Arrangement



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High Efficiency



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Automatically reeving

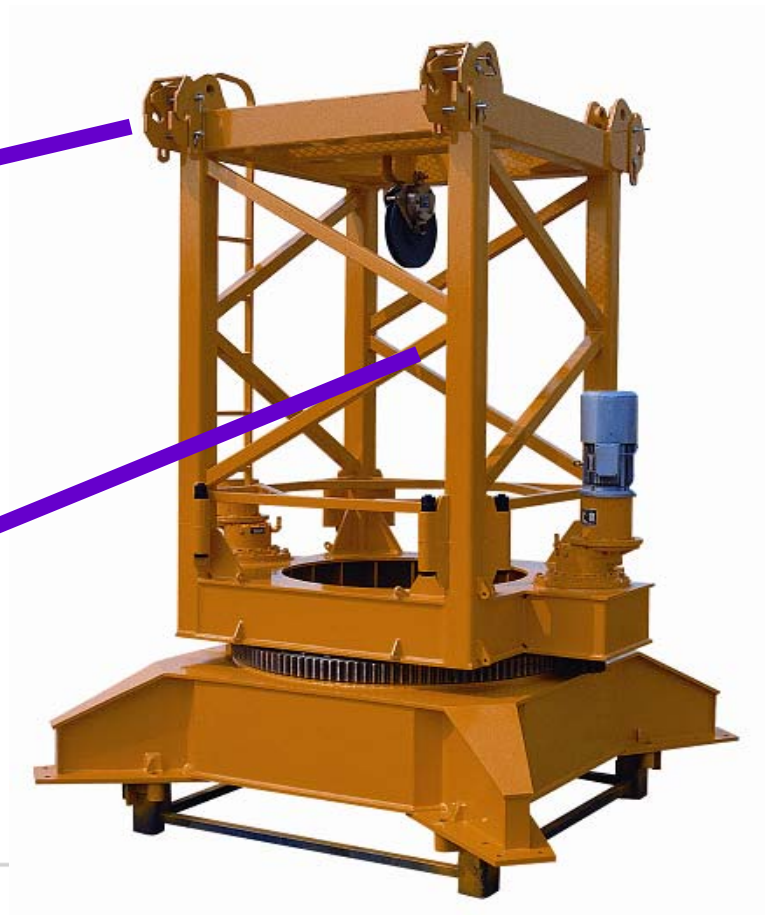
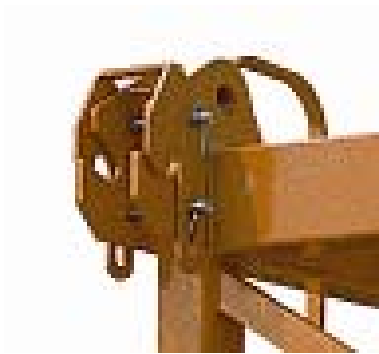


Change the reeving
automatically from 4 to 2



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Quick-release fastener and square shaped steel tube structure





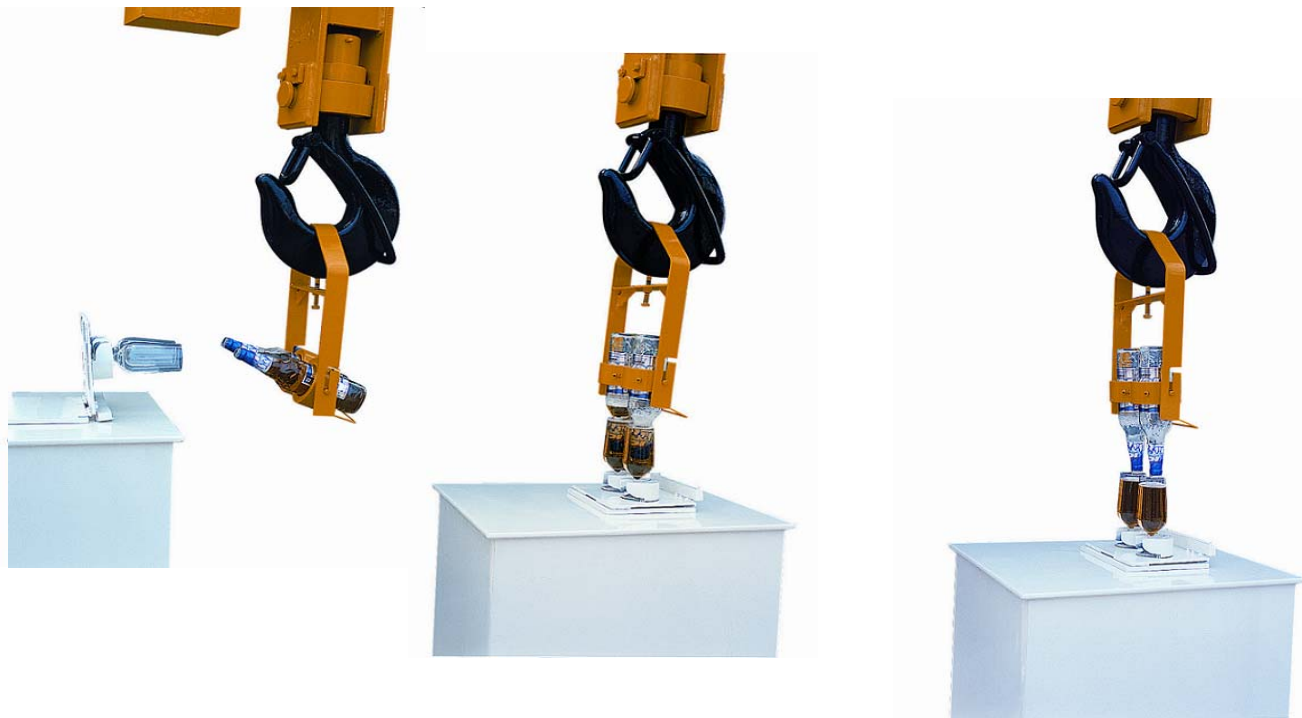
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More stability



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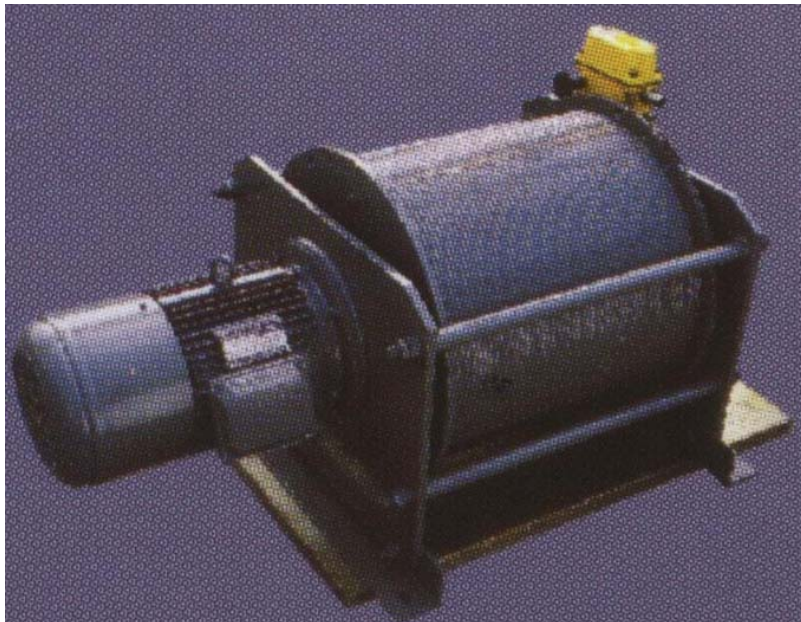
The test of filling a glass with beer by Tower Crane





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Trolley mechanism



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



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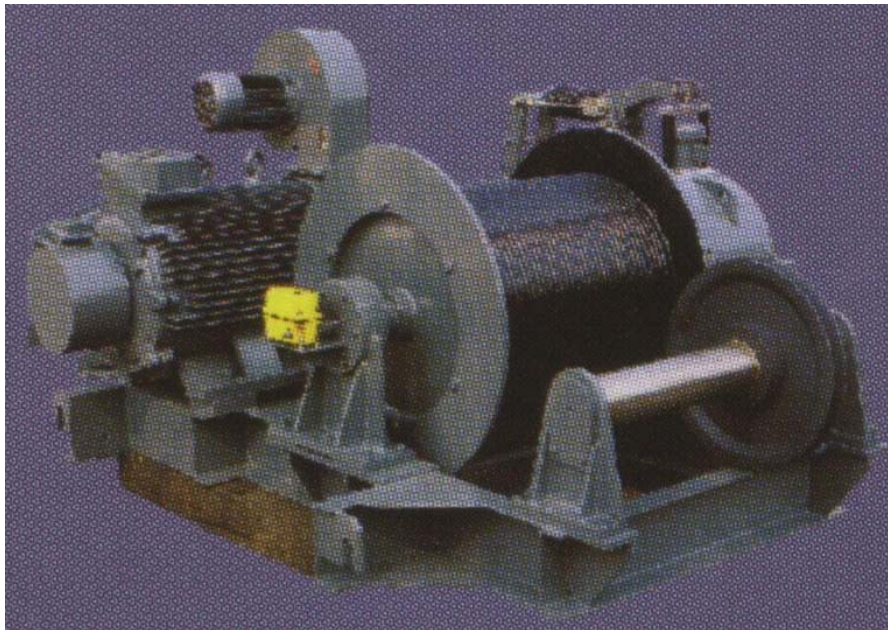
Slewing mechanism

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



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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



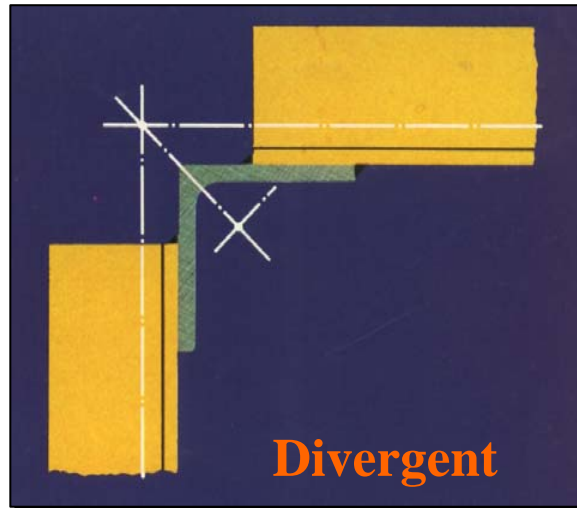
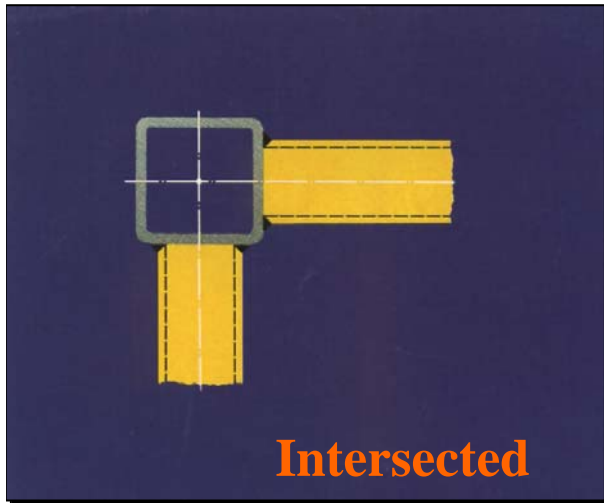
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Superior quality



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The comparison of the square steel and angle steel sections



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.

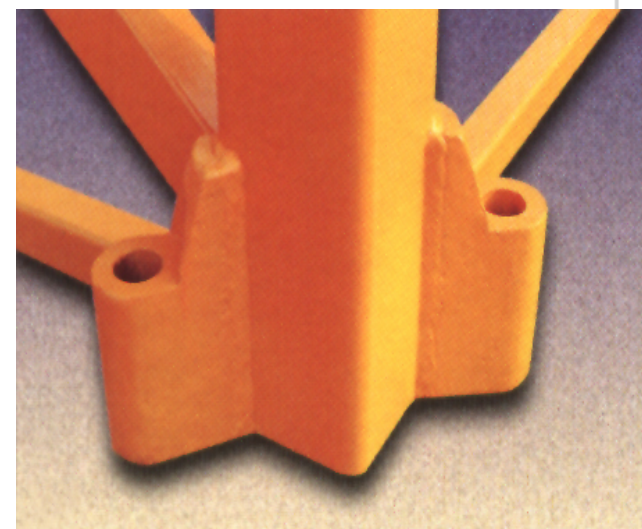
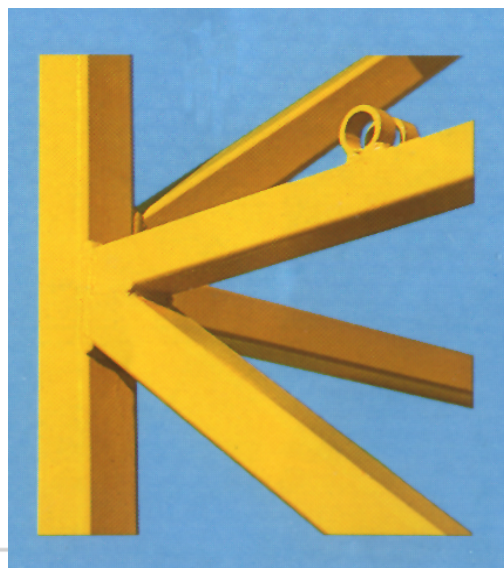


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Welding components
of mast section of
square steel tube
structure

Intersection point
of welded mast
section of square
steel tube structure



Welded joints of
mast section of
square steel tube
structure

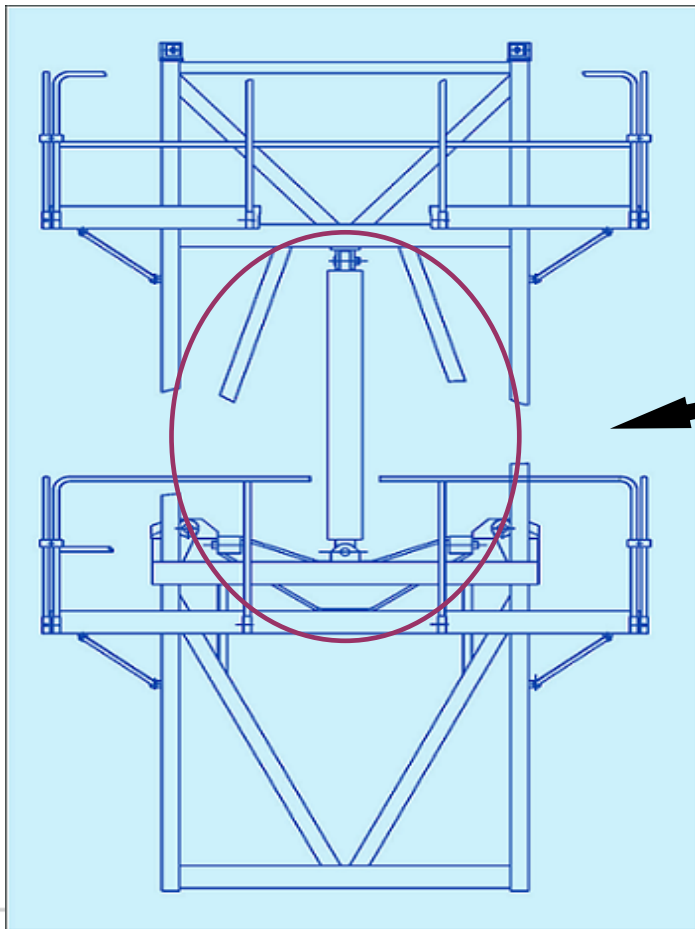


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Considerate Arrangement



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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



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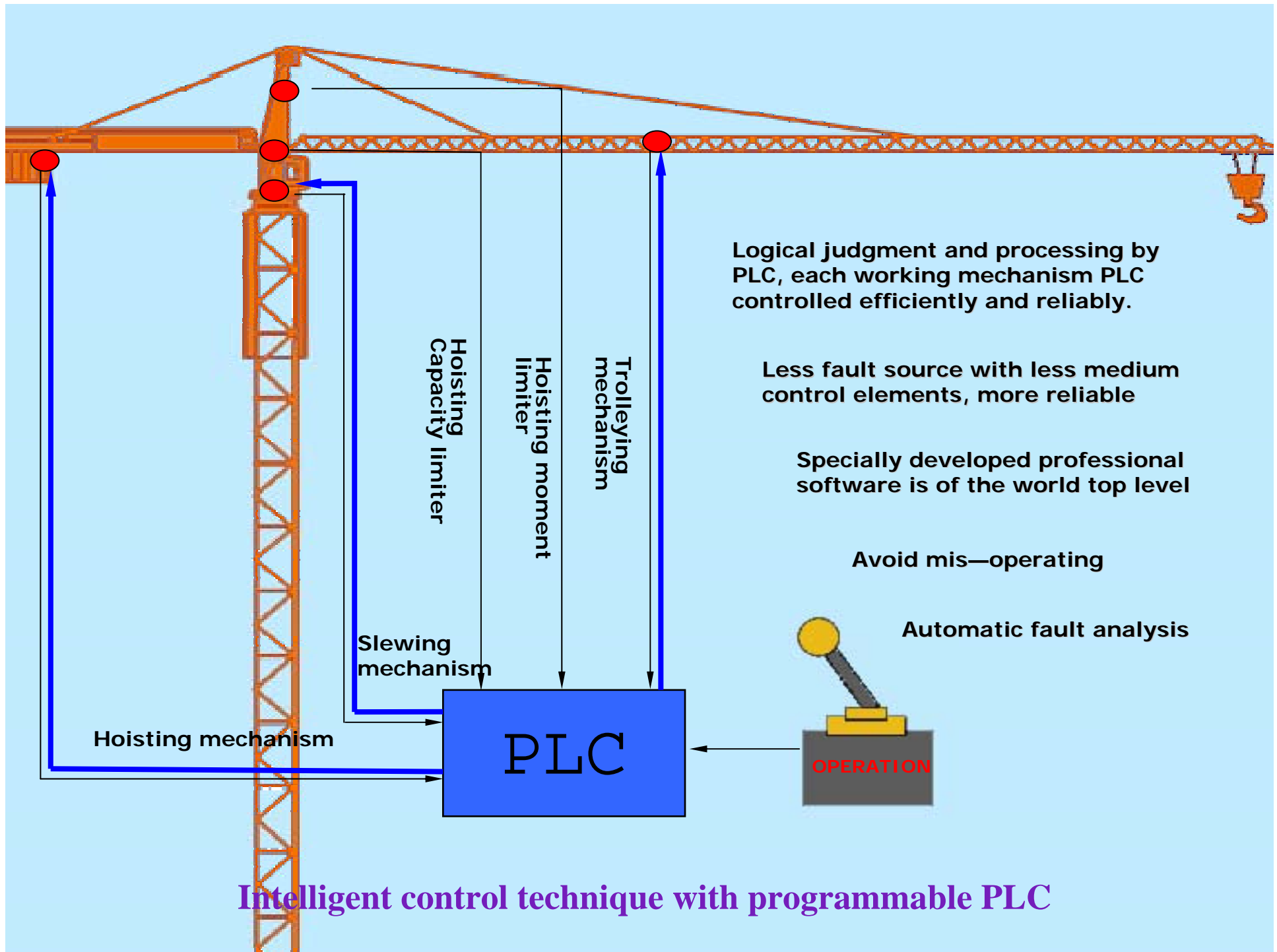
Operating Cab





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Control System



Intelligent control technique with programmable PLC



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Electrical Control Cabinet



Japan PLC controller



Japan frequency transformer



Main electrical elements
are used from the top
brand of the world



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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.



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Thank you !