

Tower Cranes Anti-Collision, Boundary and Zone Protection System



Why Choose TAC-3000?

- Unlimited software/firmware upgrades
- Radius indicator
- Anti-collision Simulation. Simulate in advance the workability of the tower cranes.
- State-of-the-art contactless sensors and equipment to provide accurate and no wear and tear maintenance free operations.
- One system that suits various types of cranes and make (fixed, travelling, saddle-jib and luffer). Travelling cranes will require travelling module.
- Easy to understand and informative active TFT color LCD display with multi-language support.
- 3-dimensional computation to maximize tower crane usage efficiently while maintaining its safe use. Precision control by detecting crane's structure outline ie. tower-head, tie-bar angle & height, counter-weight depth, rope sag and etc.
- Scalable design. Additional features or add-on modules can be software enabled or disabled. Hook height, load, load moment indicators (LMI), wind speed and etc are available as optional add-on modules.
- Unique bypass key for every units and anti-tampering function to empower the job-site safety personnel to be in full control of the tower crane safety preventing unauthorized bypassing.



Safety Comes First

Anti collision, Boundary & Zone Protection System for Tower Cranes

MAIN FEATURES

- Minimum maintenance and easy troubleshooting
- Reusable for Luffing and Hammer head cranes
- Informative color TFT LCD display
- Colliding crane indications and status
- Network modular design
- Fast response time
- IP65 connectors and cables

BENEFITS

- Save cost and time
- 2 in 1 system
- Enhances operator's efficiency and confidence
- High quality industrial standard
- Simple hassle-free installation with less wiring
- Adaptation to local language
- Enhances accuracy and reliability