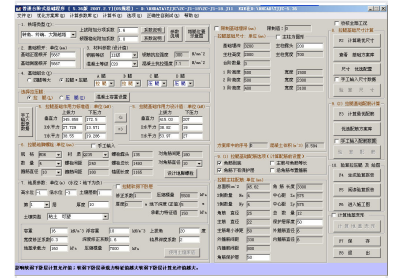


Tower Foundation Design Software

This tower foundation design software optimizes foundation plans and calculates reinforcement. The software includes modules for material parameters, load calculations, and soil properties, while supporting various foundation types.



Product Overview

Professional Tower Foundation Design Software

This tower foundation design software provides a comprehensive suite for optimizing structural foundation plans, performing reinforcement calculations, and generating detailed technical reports. It supports various tower types, including corner, terminal, and long-span towers, allowing for precise manual data input and verification. With built-in modules for material parameters, load calculations, and soil analysis, it ensures structural integrity and efficiency for complex infrastructure projects.

Technical Capabilities

Key Calculation Capabilities

| | | |
|--|---|---|
| 3200 mm Max Foundation Depth | 160 kPa Soil Bearing Capacity | 8.594 m³ Concrete Volume |
|--|---|---|

Supported Foundation Types

Corner Tower Foundations, Terminal Tower Foundations, Long-span Tower Foundations, Four-Legged Foundations

Design Parameters

Material Standards

- Steel Grade: II Grade
- Concrete Grade: C20
- Anchor Bolt Material: Q235
- Anchor Bolt Specification: M36

Design Safety Coefficients

| Factor Type | Value |
|-----------------------------------|-------|
| Uplift Additional Coefficient | 1.6 |
| Overturning Stability Coefficient | 1 |

Workflow Tools

Core Software Functionality

Optimal Design Strategy • Reinforcement Calculation • Drawing Generation • Ground Deformation Analysis • Verification Reporting