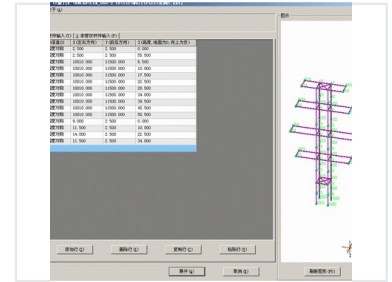


Structural Analysis and Design Software

This software provides tools for structural analysis and design. It enables modeling and visualization of structural systems through a user interface that accepts X, Y, and Z coordinates.



Product Overview

Structural Analysis and Design Software

This advanced structural analysis and design software is engineered for precise modeling and visualization of complex structural systems. Specifically optimized for infrastructure projects such as power transmission towers, it allows engineers to manage nodal coordinates and structural element parameters with high accuracy. The intuitive interface streamlines the input of spatial data, ensuring efficient calculation and visualization of structural integrity.

Functional Capabilities

Modeling Features

- Tubular member input
- 3D coordinate positioning (X, Y, Z)
- Symmetry handling and thermal analysis
- Advanced load visualization
- Dynamic table-based data management

Interface Data

Representative Coordinate Data

Parameter	Value
Symmetry Reference X	2.5
Base Height	0
Maximum Load Segment	55.5

Compliance & Certification

Standards

Symmetric Modeling, Thermal Load Compatibility, 3D Spatial Input