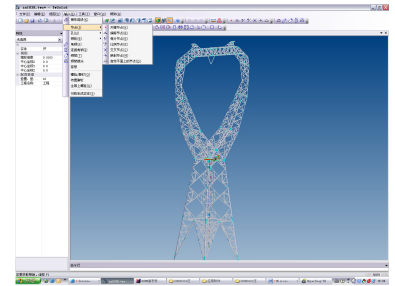


Tower Structure Design Software

This software is designed for the 3D modeling of tower structures. It supports structural analysis, node manipulation, and bolt placement.



Overview

Comprehensive Tower Design Solution

This software provides a specialized CAD/CAE environment for the structural design and analysis of tower structures, such as transmission and telecommunication towers. It offers a robust 3D modeling interface that allows engineers to precisely configure tower legs, nodes, and steel components. The system streamlines the engineering workflow by automating the placement of bolts, plates, and angle steel connections.

Core Features

Modeling Capabilities

- 3D Solid modeling for structural visualization
- Automated tower leg length configuration
- Trapezoidal tower segment design
- Symmetrical entity generation
- Advanced node manipulation (offset, mapping, and intersection nodes)

Technical Specifications

Precision Control

0.0163 ratio

Default Scaling Increment

Component Management

Angle Steel, Steel Pipes, Pipe Joints, Casing, Plates, Bolts, Foot Nails, Washers

Software Interface

Interface Features

Menu Category	Key Functions
Input & Tools	Node creation, hole placement, and plate design
View Management	3D scaling, coordinate tracking (X, Y, Z), and solid view toggling
Automation	Batch bolt placement and symmetrical structure generation

Operational Requirements

System Environment

Windows Compatible • CAD/CAE Integration • Engineering Support