



# iTOWERS Detailer

## Heralding a New Revolution in Tower Detailing

**iTOWERS Detailer** is a path-breaking technology ensures that detailing of a tower can be achieved with a single click of the mouse! The software provides unique tools and features like the automated final Bill of Materials that provides exact weights of various tower components at the bidding stage, vital information for procurement of material and a host of other features.

### **Promising a Major Boost in Productivity**

Tower companies can now aim at early implementation of projects using unique tools and utilities that are built into **iTOWERS Detailer**. **iTOWERS Detailer** comes packed with features such as the Shop Drawing Browser, Bill of Materials, Material Optimizer and various other features to step up productivity.

### **Versatility**

Needing very little inputs from the user, **iTOWERS Detailer** instantly generates Assembly drawings for the complete tower. Input data is directly read from **iTOWERS Designer**.

Packed with unique editing tools and functionalities, the detailer at any point of time can change various parameters such as control points, tower geometry, member connection and so on, after validating through **iTOWERS Designer**. The changes made will be instantly generated and displayed.

### **Power Packed Features**

The *Tower Modeler* presents the user with a 3-Dimensional Tower Model reflecting Back-marks, Butt and Lap Joints and actual Tower Member sizes.

2-D Assembly Drawings are generated for any surface selected by the user or even for the complete tower. These drawings are drawn with all computations calculated in 3D.

*Shop drawings* for members and plates are generated by a single click of the mouse.

*The Bill of Materials* gives a complete list of all items, their weights along with member lengths and sizes. This data can then be exported to standard applications such as Microsoft Excel and Access.

### **Cruising through Engineering Bottlenecks**

- Common Detailing Database
- Bi-Directional Data Transfer
- Minimal Input
- Intuitive User Interface
- Complete Control over Tower Configuration

**iTOWERS Detailer** provides a *CNC link* through special interfaces by which, data from the assembly drawings can be fed to a CNC device.

The *Drawing Editor* enables you to paste drawings on to the workspace thus allowing you to simultaneously view different segments of the tower for better clarity and submission purposes. A bill of materials is automatically generated for those segments placed on the Drawing Editor. These drawings can be exported to formats like DXF.

### **Business Advantages**

#### **Time**

Statistics show that current tools available in the market that aid in detailing a Tower normally take over 2-6 weeks for completion. This is of course based on the experience and expertise of the detailer.

Moreover, if modifications have to be done such as relocating control points or changing the geometry of the tower, the detailer has to re-detail the entire tower from scratch. Time proves to be a major constraint in these issues. With **iTOWERS Detailer**, re-detailing the entire tower and reflecting all the modifications is just a mouse click away and is done in record time.

#### **Cost**

The Material Optimizer gives a complete picture of the members used on the tower and allows the detailer to optimize the material used and costs incurred.

#### **Accuracy**

The Assembly Drawings that are generated are accurate. The Bill of Materials displays calculated weights of the material used on the tower, which proves to be vital at the bidding stage.



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