

## BILL OF MATERIALS

Item No.	Description	Quantity	Unit	Material	Weight	Volume	Value
1	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...

## CNC INPUT



## BOLT LIST

Item No.	Description	Quantity	Unit	Material	Weight	Volume	Value
1	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...

## PLATE LIST

Item No.	Description	Quantity	Unit	Material	Weight	Volume	Value
1	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...



## TEKLA STRUCTURES BENEFITS

### Be more competitive

- Faster multiple estimates
- Win more work with accurate bids
- Increase productivity,
- Improve customer satisfaction

### Improve workflow

- Integrated management tools – tighter control of jobs
- Collaborate and communicate better with other parties
- Record and track job history – visually

### Detail faster and more efficiently

- Eliminate duplicate work
- Reduced lead times, Better information flow
- Increase detailing productivity

### Increase detailing quality

- Fewer errors in fabrication and erection
- Generate always up-to-date and accurate information
- Provide consistent detailing quality

### Enhance customer loyalty

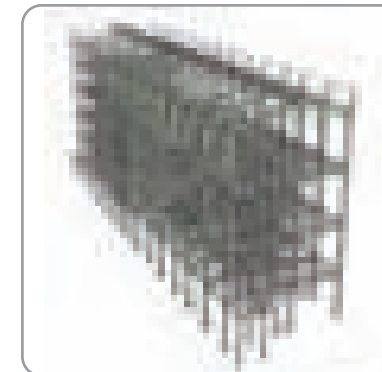
- Serve your customers better
- Allow for last minute changes with confidence
- Reduce risks for everyone

## TEKLA THE PROVEN PARTNER

Tekla Structures has evolved from the industry renowned, Tekla Xsteel, and now takes structural building information modelling one step further. Tekla is the leading provider of structural BIM solutions.

Tekla products can be found in over 80 countries, with thousands of users worldwide. Experience the benefits and security a well-established player can offer.

Secure your future with the proven partner!



## CONTACT

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## PRE-ENGINEERING BUILDINGS

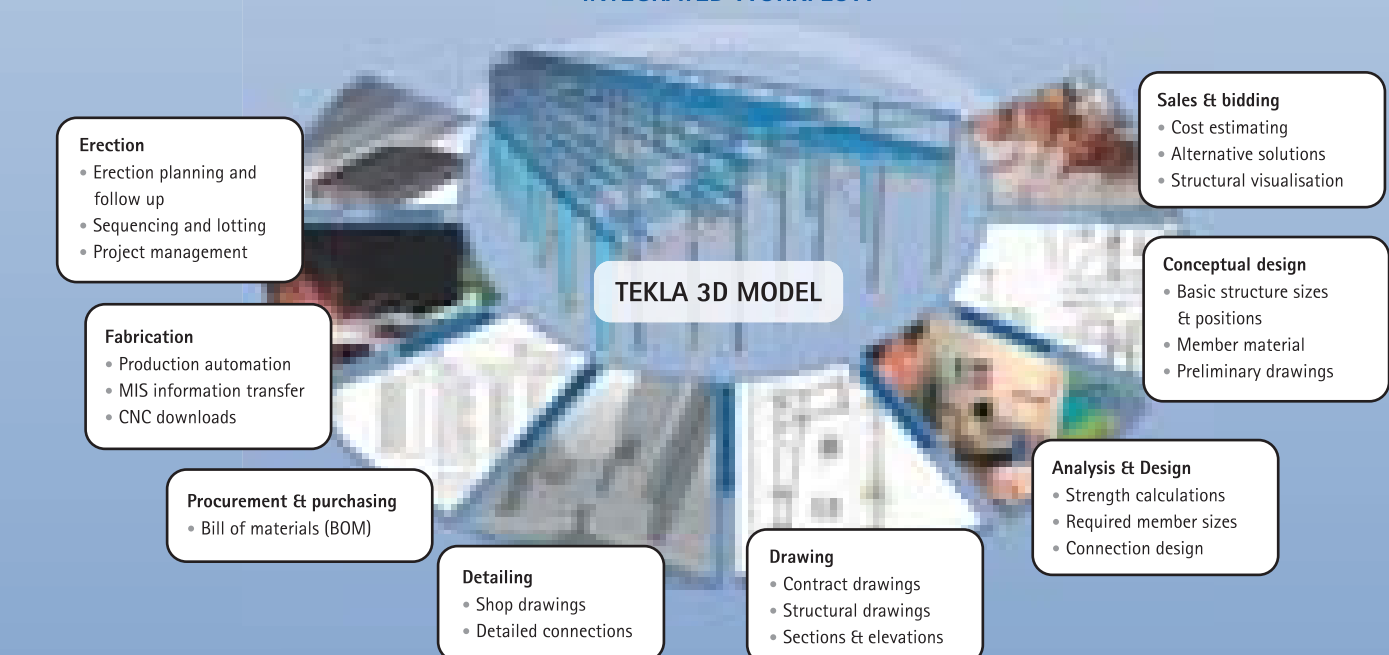
## LEADING 3D BIM SOFTWARE SOLUTION FOR PRE-ENGINEERING BUILDINGS

Fierce Competition? Tight deadlines? Last minute modifications? Back Charges? Tekla Structures is the right solutions for any job large or small, complex or simple. Tekla Structures is a powerful and flexible 3D detailing and modelling software solutions that integrates the entire workflow from sales and estimating to detailing, fabrication and erection.

For almost 40 years, Tekla has been providing steel detailers and fabricators with innovative tools to get the job done more efficiently and accurately. Tekla Structures is used by thousands of companies around the globe. Isn't it time you experience significant gains in productivity, accuracy and reliability ?

Tekla Structures helps you to achieve more!

### INTEGRATED WORKFLOW



ALL INFORMATION IN ONE MODEL

Structures that Create Value

CHOOSE TEKLA STRUCTURES TO STAY COMPETITIVE

FUNCTIONS AND FEATURES

Create realistic bids and cost estimates

- Fast, intelligent modeling lets you examine several alternatives with accurate cost estimates
- Model allows for better overall understanding of the project
- Produce high quality sales presentations with powerful visualisations

Detail better and more efficiently

- Intuitive, powerful and flexible modelling allows you to detail live in 3D
- Automated clash checking exposes conflicts before it is too late
- Extensive range of connections available
- Unique model sharing allows you to put multiple detailers on a sing job

Automate routine tasks

- Automated connection design and detailing through customisable rules
- Accurate documentation and material reports extracted directly from model
- Flexible shop drawing production fully integrated – all drawings are associative with the model

Manage changes efficiently and reliably

- Costly errors are minimized through superior change management and revision control
- Project management tools provide ability to track change orders and continually review and monitor the entire project
- All related components react to changes, eliminating duplication of efforts and human error
- Drawings and documentation automatically updated

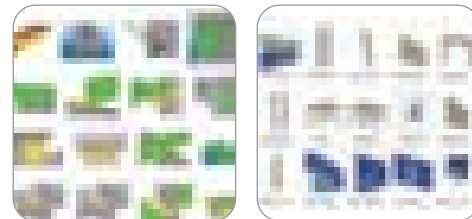
Integrate operations through the model

- Enhance workflow by providing data directly from the model to estimating, scheduling, procurement, production management and automated fabrication
- Visual status monitoring and 3D inspection of the model allows you to collaborate with other disciplines at the jobsite

Custom component

- With custom component the user can adopt Tekla Structures to meet his needs to create PEB elements easily.

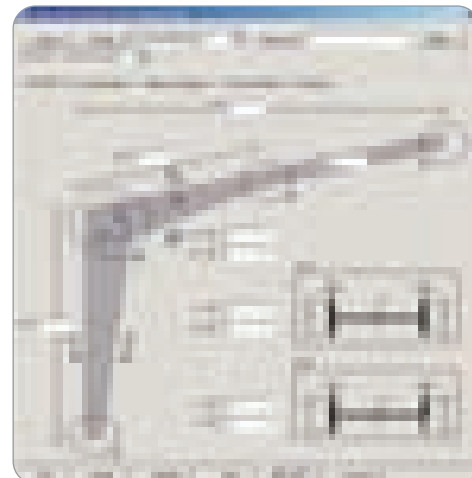
PEB Components



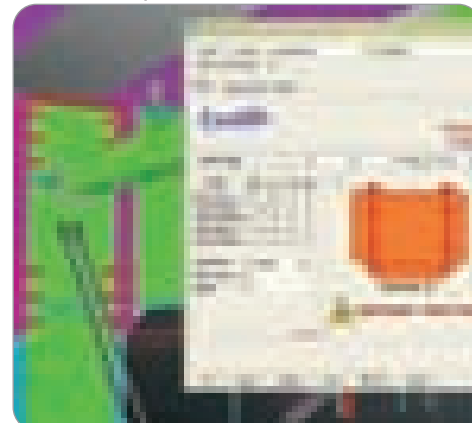
Built-up Components



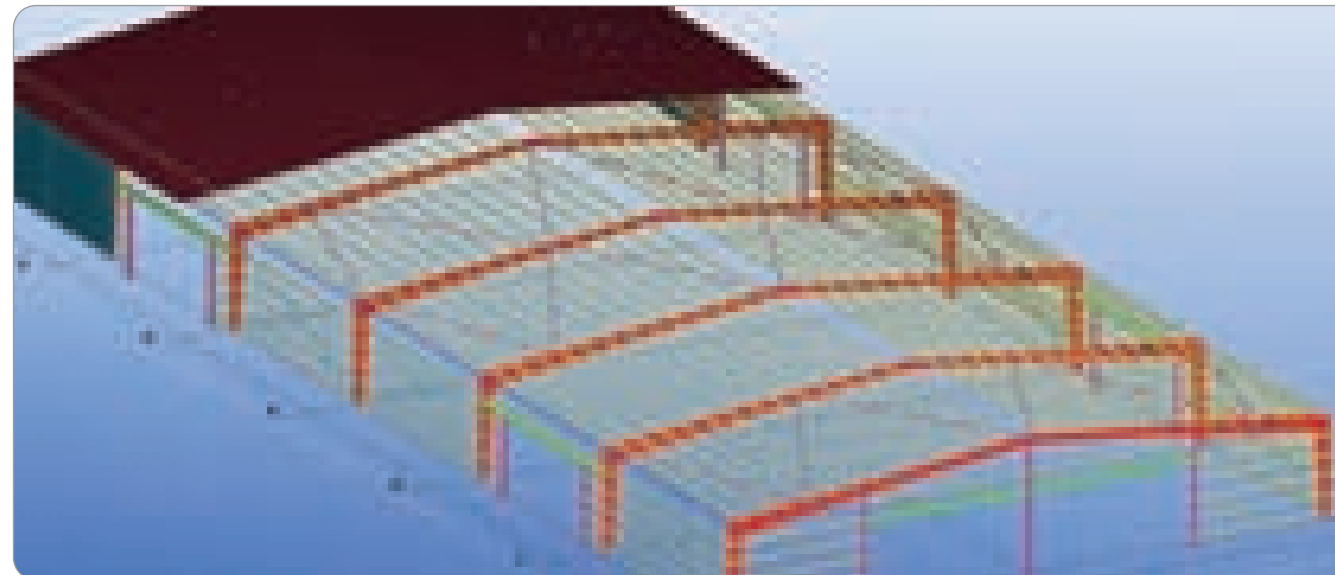
PEB Parametric Macro



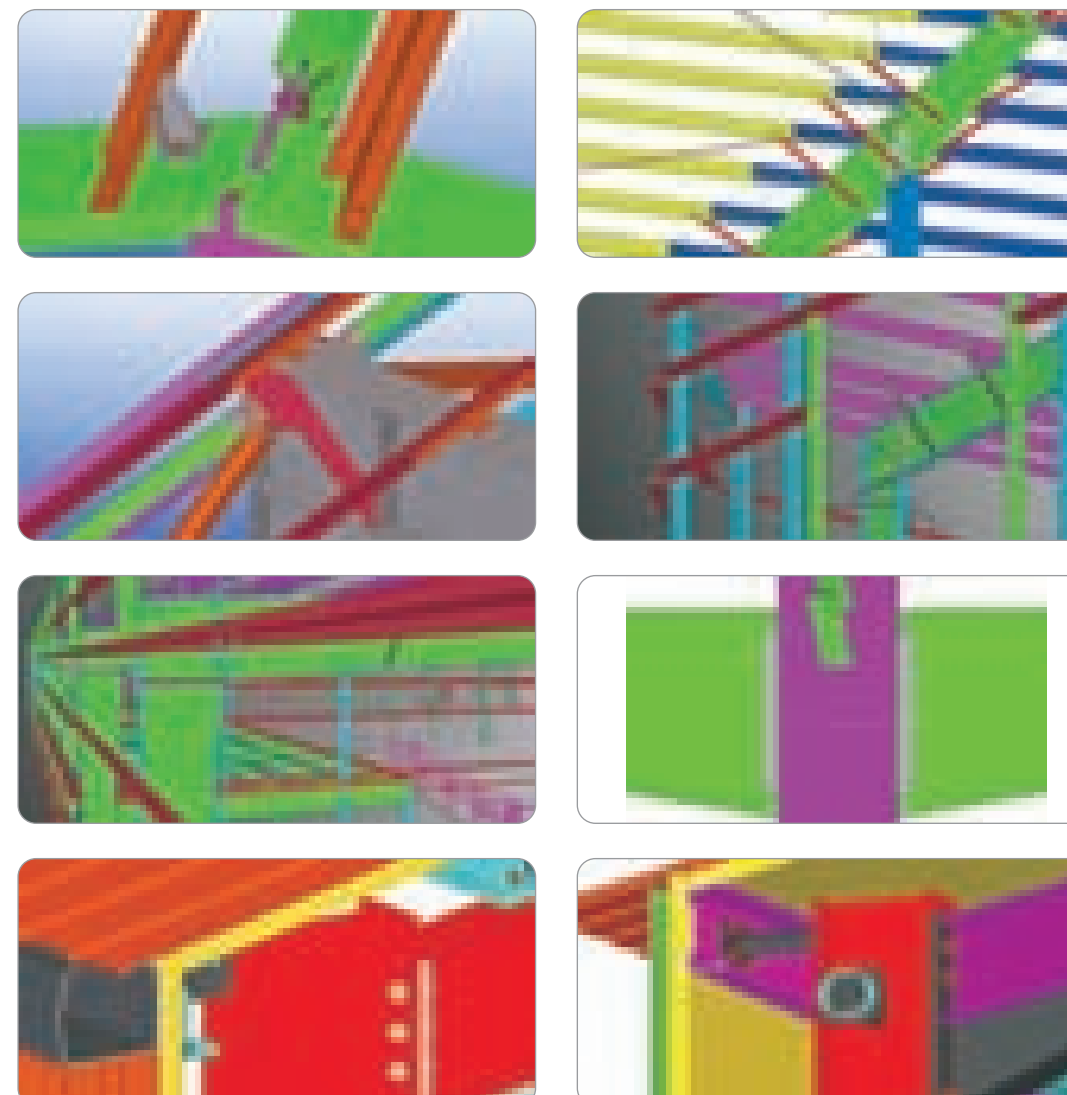
Custom Component



SAMPLE CASE STUDY



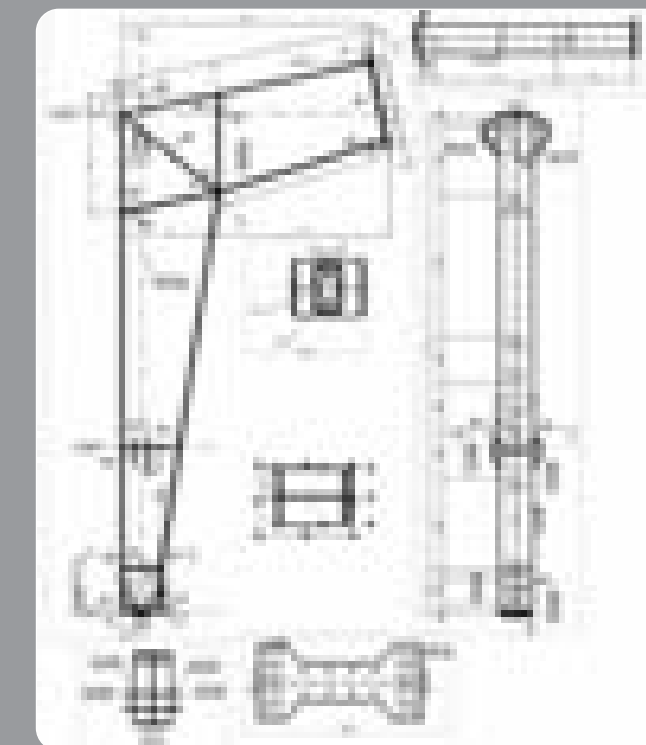
CONNECTIONS



FABRICATION DRAWINGS RAFTER DETAILS



COLUMN



SINGLE PARTS

