



**Tekla®**  
A Trimble Solution

# **Tekla Tedds**

## Automate your structural calculations

TRANSFORMING THE WAY THE WORLD WORKS



# Tekla Tedds

Improve productivity by automating all your repetitive structural and civil calculations. Whether you choose to use Tekla Tedds' library of pre-written templates or create your own custom calculations, you can easily create professional and transparent project documentation every time.

## PRE-WRITTEN CALCULATIONS

Automate repetitive calculations increases efficiency. Use a broad library of pre-written structural and civil calculations to British Standards, Eurocodes and Australian, Canadian and US design codes.

The libraries cover all common materials and elements, such as retaining walls, slabs, beams, columns and foundations. Each calculation enables you to compare alternatives quickly to establish the most cost effective solution for your client.

Benefit from regular calculation enhancements and updates in line with design code changes.

The calculation library supports a huge range of design needs. From simple to tedious designs, Tekla Tedds provides a thorough and quick design solution. Tekla Tedds enhances our services to clients.

- Er Soo Chee Sern, MD CS Consulting Engineers

## BENEFIT FROM TEKLA TEDDS

- Increase productivity
- Standardize output
- Reduce errors
- Improve presentation
- Easy and intuitive

We'd recommend Tekla Tedds for every structural consultant.

- Santosh Abraham, MSCEB



## CUSTOM CALCULATIONS

You can customize Tekla Tedds to meet your exact needs. Write, save and distribute your own professional custom calculations, just like those provided in the pre-written libraries.

The interface is simple to use so you don't need experience in computer programming. You can create transparent calculations that are easy to check, control and distribute throughout your organization with ease.

Store these calculations within your own custom library in Tekla Tedds where they can be easily accessed by all your engineers.

## INTEGRATED FRAME ANALYSIS

Benefit from integrated analysis for your everyday tasks. Use Tekla Tedds' integrated solver to analyze 2D frames, such as trusses and cranked beams, and seamlessly link the analysis results to the design of individual components.

Forget using expensive and complex analysis software for your everyday tasks, use Tekla Tedds to deliver the analysis results you need, quickly and within your document.

## PROFESSIONAL DOCUMENTATION

Achieve transparent and consistent output, every time. Create professional and transparent documents including multiple calculations, notes and sketches. Working within Microsoft Word, Tekla Tedds enables you to customize your output and control the exact level of detail you require.

Standardize your company calculation reports into a consistent format for checking, sharing and submitting, and for electronic archiving.



Each individual calculation in the extensive library is user friendly and presented in a complete and clear format. Tekla Tedds also allows us to write and present custom calculations in a format consistent with the library calculations. We have realized a higher level of consistency coupled with a reduction in maintenance effort. This has led to increased productivity and quality control.

- Patrick McManus, Martin/Martin

### FREE TRIAL

- Experience the power of Tekla Tedds for yourself.
- Download a range of sample calculations with our free 45 day trial.
- Visit [www.tekla.com](http://www.tekla.com)

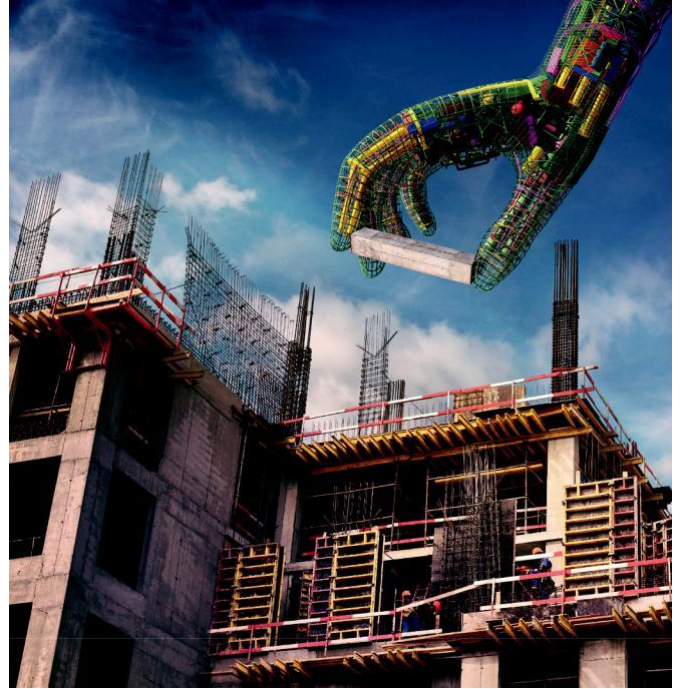


# Control throughout the structural workflow at your fingertips

## TEKLA SOLUTIONS

Accurate, reliable information, as detailed as you need and always available, is necessary for a successful structural workflow. With Tekla software, your constructible design will promote error-free fabrication and successful construction. Welcome productive workflows and happy clients.

- **Tekla Structures** is the most developed Building Information Modeling software on the market. It makes accurate, constructible modeling of any structure possible.
- **Tekla Structural Designer** gives engineers the power to analyze and design buildings efficiently and profitably.
- **Tekla Tedds** automates repetitive structural calculations.
- **Tekla Model Sharing** allows Tekla Structures project teams to work efficiently together regardless of their location or time zone.



## TEKLA SOFTWARE BY TRIMBLE

Trimble is a technology company with a vision of transforming the way the world works. Trimble's construction offering ranges from total stations to advanced software, giving the industry tools to transform planning, design, construction and operation of buildings. The company also has products for trades like logistics and agriculture.

## TRIMBLE BUILDINGS

In addition to Tekla, Trimble Buildings brands include names like SketchUp and Manhattan Software, targeting architects, engineers, fabricators, MEP contractors, general contractors and construction managers, and building owners. The software solutions promote constructible models and collaboration. Trimble Buildings offering blend groundbreaking innovations and practical features, helping the industry achieve transformative results.

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