

IDEA StatiCa for steel

Faster, more accurate steel design

Perform the structural design of any steel connection, member, and steel-to-concrete connection in minutes

✓ Connection design

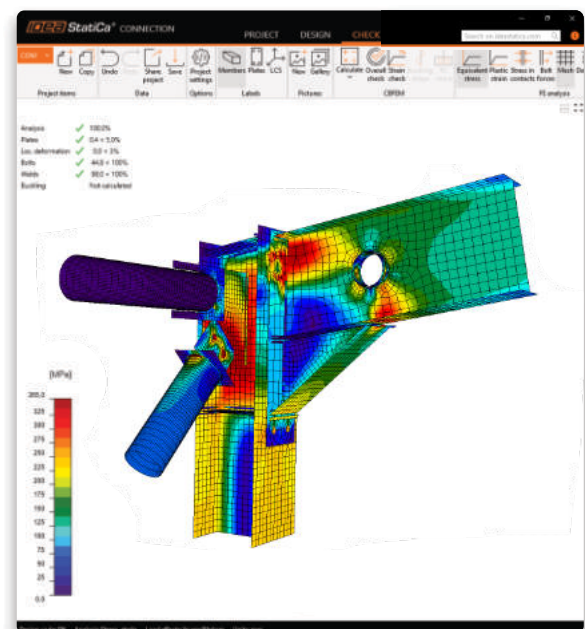
Design any steel connection and anchoring safely in minutes rather than hours

✓ Steel-to-concrete connection

Design and code-check anchoring together with real reinforcement

✓ Solve member stability

Model, load, and analyze critical members for stability issues



” It lets us solve generic questions we had no answers for before.

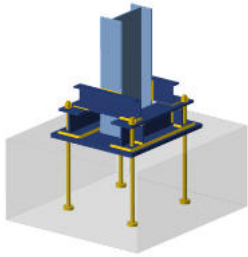
We are now not estimating anything, we are calculating and designing exactly the topology we have for the connection.

Mohanad Emad
Design Section Head
Mahmood Saeed Steel Industries

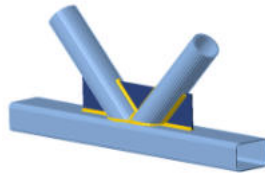
” Thanks to IDEA StatiCa Connection, we have done in our project each steel connection in less than 1 day what would have taken more than a week with the old processes.

Denis Lefebvre
Expertise Director
Stantec

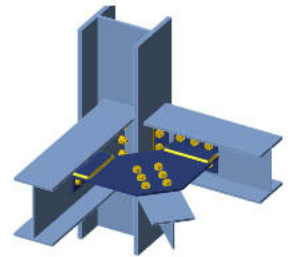
Make all of your steel projects **safer and faster**



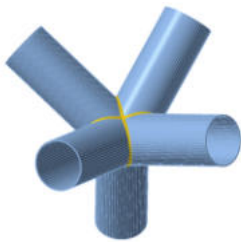
Steel-to-concrete



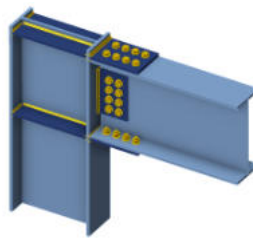
HSS bracing connection
and trusses



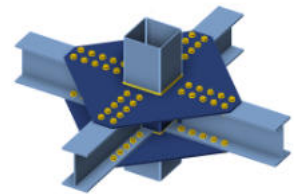
3D steel
connections



Spatial welded HCS
connections



Moment
connections

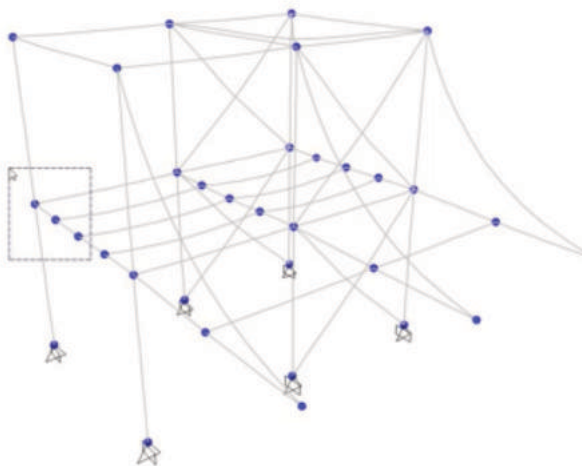


Beam-to-column
connections

” IDEA StatiCa can do any complex connection I could think of and it's very useful for simple connections as well. It also streamlines field issues like holes not matching up and weld connections.

Monof Refoi, Structural P. E. at Falkofske Engineering

Automate repetitive tasks **and avoid handover errors**



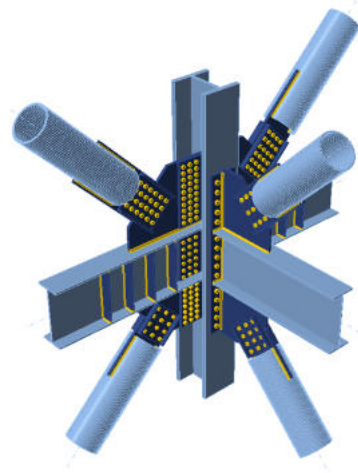
Model real-world load effects, including torsion, buckling, and deplanation, and run full code checks in one workflow:

- Import data from global analysis and CAD, including loads, labels, and more
- View all connections in the structure and bulk-edit them
- Edit a reference connection to update all connected ones, and generate reports to all of them
- Share your designs in IFC format

Design all steel connections

Design and check all your connections, standard and complex, without the need for spreadsheets or manual work.

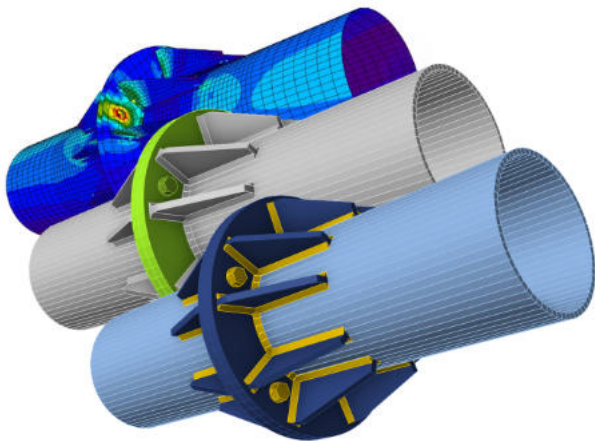
Start with pre-defined parametric templates or create your own according to your company's needs. Get accurate results with code-checks in a full report in minutes.



” With accurate force distribution and utilization checks, we avoided over-conservative designs. This led to lighter connections, reduced steel usage, and faster fabrication.

Mohammad Elayyan, General Manager (Associate) at Tony Gee and Partners

Be safe, save time, optimize



Design any steel connection or member with speed and accuracy. Code-check according to AISC, EN, CSA, AS, HK, IS and Chinese design standards.

- Use 250+ pre-defined parametric templates or create your own
- Design anchoring together with real reinforcement
- Apply internal forces and run stress/strain, linear buckling, and stiffness analysis
- Skip rework by importing data from your global analysis or CAD tools

” The time savings we were able to achieve with IDEA StatiCa per connection had a vital and positive impact of more than 900 man hours saved.

Carlos A. Gutierrez PE MLSE, Principal Civil/Structural Engineer at CSF Consulting LR USA

Start using IDEA StatiCa in just 15 minutes

” This software is so user-friendly that we can explore different variants at an early stage.

Jakub Cech
Principal Engineer at BKB Metal

1. Sign up for a 14-day free trial version at [ideastatica.com/role-navigation](https://www.ideastatica.com/role-navigation) or ask for a live demo at [ideastatica.com/request-demo](https://www.ideastatica.com/request-demo)
2. Download the apps via a link in your email and install
3. Try out the software using built-in models or your own designs
4. Your local IDEA StatiCa expert will be in touch to help you get the most out of the software

Integrate IDEA StatiCa with 40+ software via our API and BIM links

Import data and export the designs to create a unified workflow throughout your design process.

- | | | |
|--------------------------|-----------------------------|-----------------------------|
| — Autodesk Advance Steel | — Prokon Sumo | — Staad.pro |
| — Autodesk Revit | — Prota Steel | — Strand7 |
| — Axis VM | — RFEM and RSTAB | — Tekla Structural Designer |
| — BoCAD | — Robot Structural analysis | — Tekla structures |
| — ETABS | — SAP2000 | — Grasshopper |
| — FEM-Design | — SCIA Engineer | — Open API |
| — Midas Civil NX | — SDS2 | — ...and many more |



Try out IDEA StatiCa for 14 days for free

Solve your designs using IDEA StatiCa, the industry-leading solution enabling safe structural design of steel connections, concrete details, and critical members at www.ideastatica.com.

1.4 million

structural design
calculations monthly

10,000+

companies using
IDEA StatiCa

58,000+

people using IDEA
StatiCa over last year