

Release Report

→ Model Generation / Results Verification

- Graphically displaying Sectionwizard profiles (built-up sections and customized shapes) in 3D within the STAAD.Pro environment
- New customizable node/member renumbering schema
- Automatic adjustment of beta angles and plate orientations during copy, rotate and mirror operations
- Automatic wall-slab interface with proper boundary connectivity
- Stretch command to shrink/elongate members along local axis of the member
- Infill command to automatically fill in framing plans with plate elements

→ Design

- AISC Design Guide 2 – Design for Beams with Web Openings
- AISC Design Guide 11 – Check for Floor Vibrations due to Rhythmic Activities
- Canadian timber code (CSA O86-01) with database of associated species
- Canadian aluminum code (CSA 157)
- EC8 (European) timber code
- British cold-formed steel code (BS5950 Part V) with associated database of shapes
- Update to EC3 code to include design of Class 4 sections
- Updated DIN (German) 1045 code
- South African Concrete code (SABS 0100 1992)
- Composite deck object to graphically draw the stud locations and also handle cambering (pre-construction loading)
- Integration with DESCON now includes check for bracing connections including Chevron, Knee, and K- Braces as well as braces connected to column base and Beam-Column joints where up to four braces and two beams may exist

→ Load Generation

- ASCE 7-02 Wind and Snow (Unbalanced/Drifting) loading including calculation of suction and roof pressures
- Canadian seismic load generator (NBCC 1995) including distribution of base shear along the height of a structure
- EC5 (European) seismic load generator including distribution of base shear along the height of a structure

→ Analysis

- Analysis/design of star cross sections comprised of angles
- AISC/ANSI N690 Code Check for Stainless Steel material
- Improvements in applying moving loads using the moving load generator
- Improved buckling analysis solution with intelligent load incrementing algorithm

→ Interoperability and Open Architecture

- CIS/2 to exchange STAAD data to and from steel detailing packages and other structural software
- Launch the STAAD engine from within MathCAD or Excel
- Direct links to STAAD.foundation to design your mat foundations

→ Customer Support

- ExecuPass GOLD for 24 hr turnaround support.
- Instant bug notification when program starts to alert STAAD users of new builds, patches or events.
- Free real-time online tutorials to learn new features (www.reiworld.com/product/alldemo.asp).
- New context-sensitive HTML/XML help.
- Email, phone and fax support with follow-up customer surveys.
- Dynamic knowledge-base system for FAQs and example problems (changes every day with input from REI support engineers around the world).
- In-house and on-site training.
- Web-based discussion board.
- LiveSupport including real-time chatting and desktop sharing from within the STAAD environment.
- REI LiveDemo to train users on beginning and advanced topics in STAAD. Live streaming over the Internet with a free 1-800 teleconference call.
- **The only structural engineering software company to be ISO 9001 compliant and NRC 10 CFR Part 50 and 21 certified.**

"The technical assistance team has been very useful to our projects. Not only do they provide advice related to the use of the software, they also make suggestions related to the model, which is an extra value to the company name. When we have a problem, they request the STAAD input file and take their time to find out what is wrong. I am confident to say that at least three projects would not have been successful from the structural point of view if we had not received the assistance of the Technical support team".

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