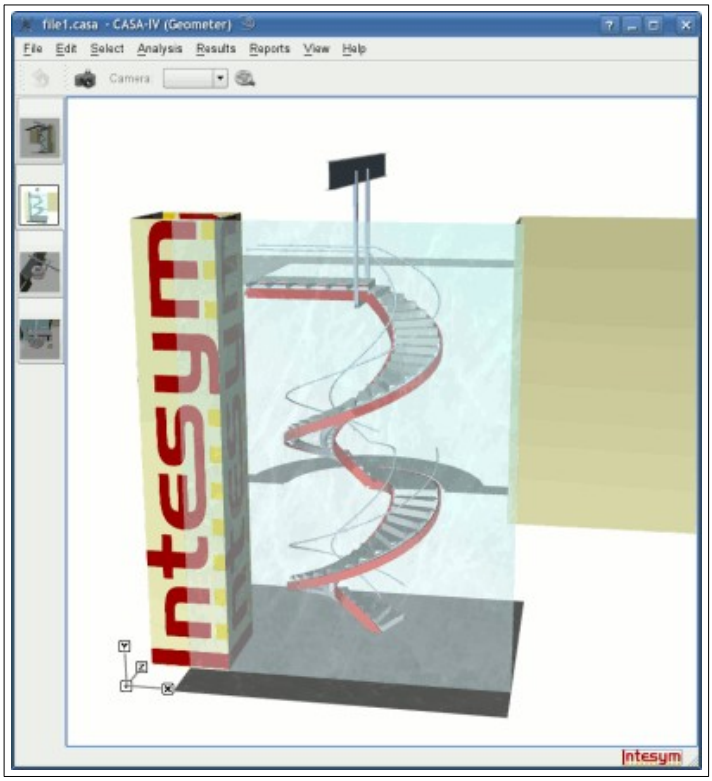
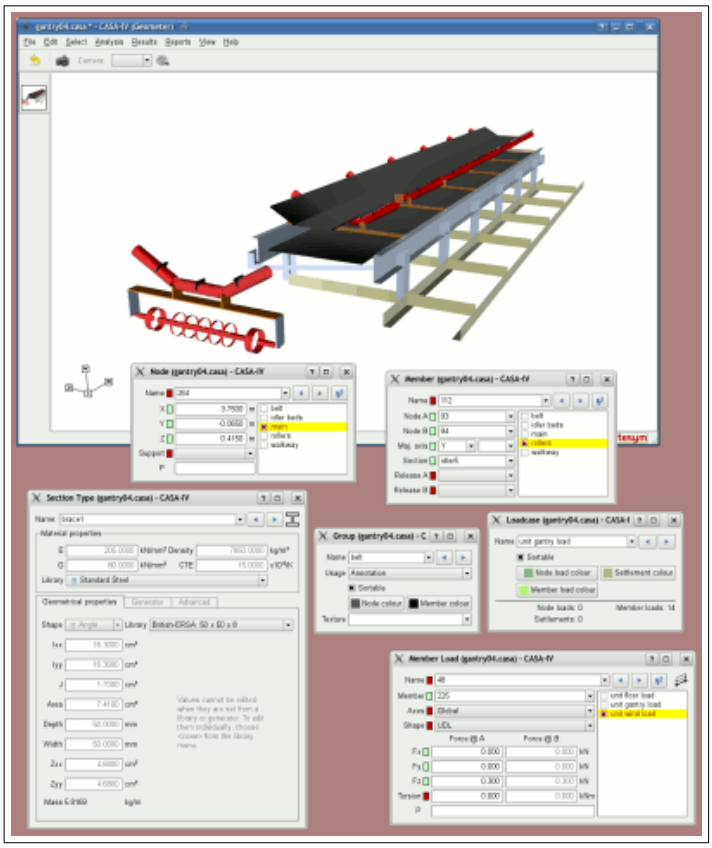
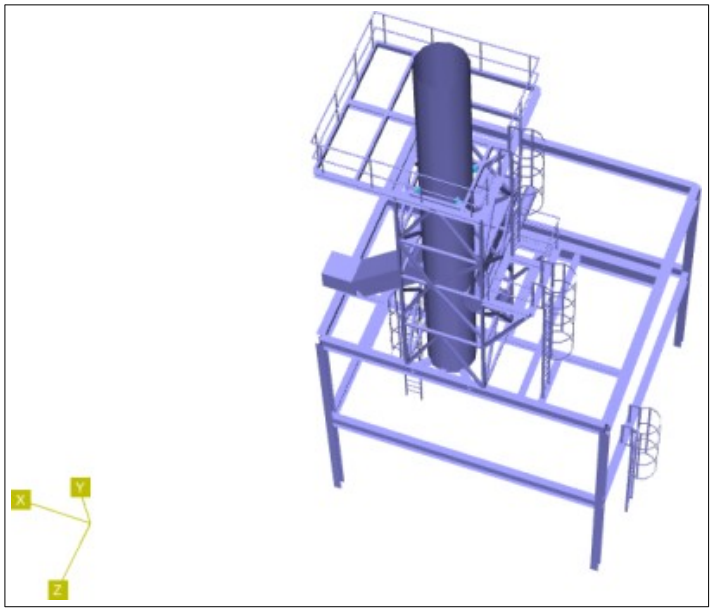
- The main window is clean and uncluttered.
- Like DTP, multiple sheets can be used and easily accessed by the thumbnail index down the left.
- Each sheet is a fully interactive and user-definable view of the model.



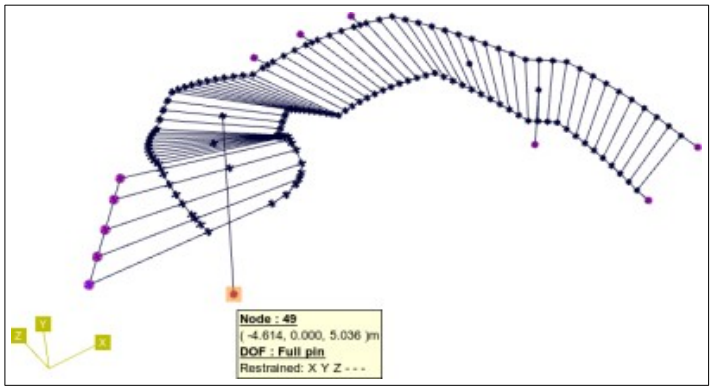
- Multi-window interface is easy to arrange on a desktop and allows working with multiple monitors.
- Each window can be opened and closed as you want them and when you want them.
- Simple to use point-and-click and drag-and-drop interface between windows and with the graphical view.
- CASA gives the user the freedom to do what they want to do and when they want to do it.



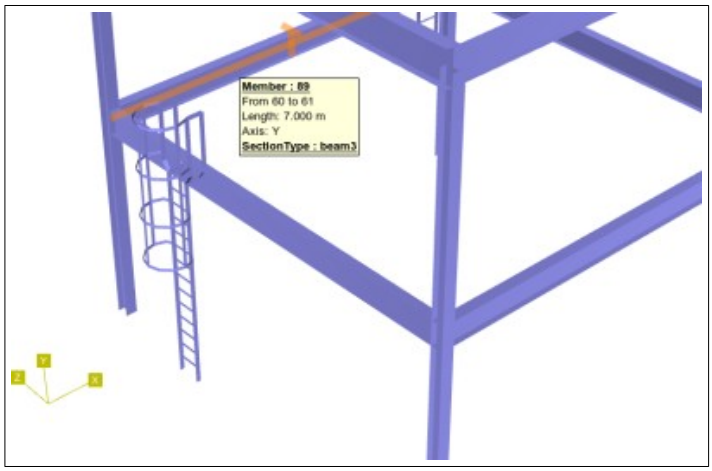
- Member cross-sections drawn to scale and shaded.
- Triad indicating axes in lower-left corner of window.
- Real-time rotation by dragging with mouse.
- Rendered view is not just a pretty picture — it is *fully interactive*, with point-and-click data & drag-and-drop editing.



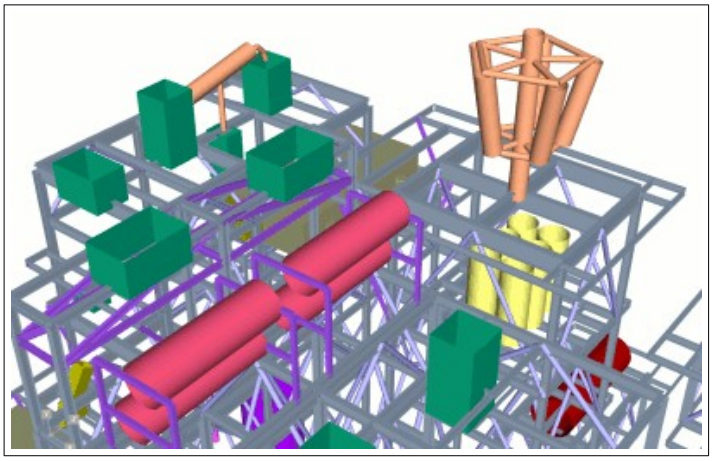
- Rendering can be turned off.
- Traditional stick representation gives clear geometric views.



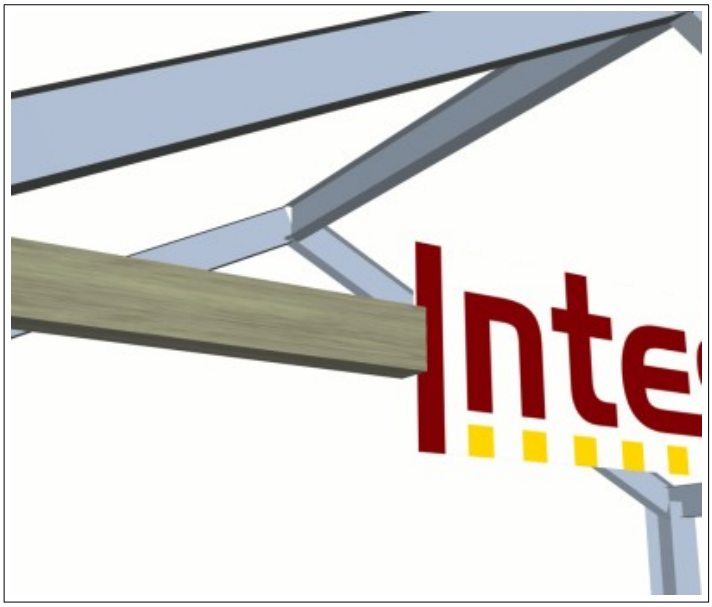
- Pointing to the structure will highlight the nearest object.
- The member highlight indicates the major and minor axes.
- Relevant information pops up on object nearest mouse pointer.



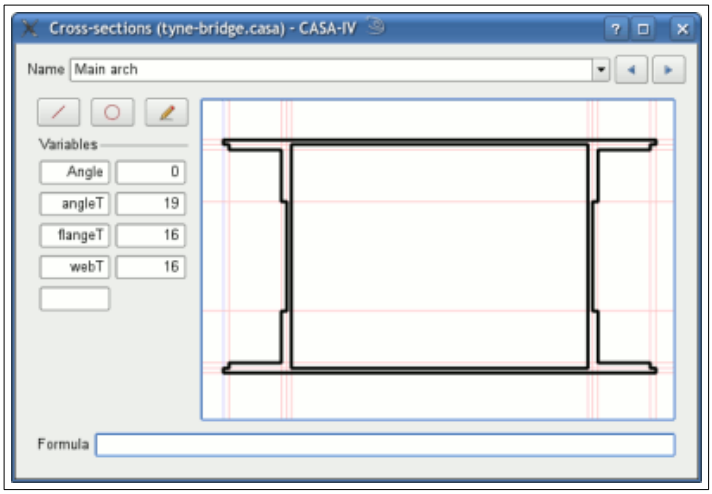
- Member rendering improves ability to spot mistakes.
- Colouring by group improves visibility and allows sections of the structure to be easily identified.



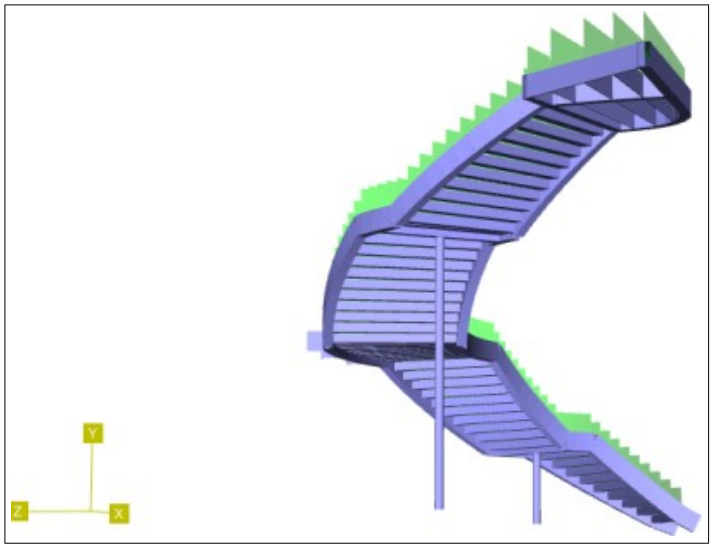
- Surface texturing allows members to look like different materials, such as wooden beams or marble columns.
- By applying a picture, the member can portray any scene such as logos, plants, people, etc.



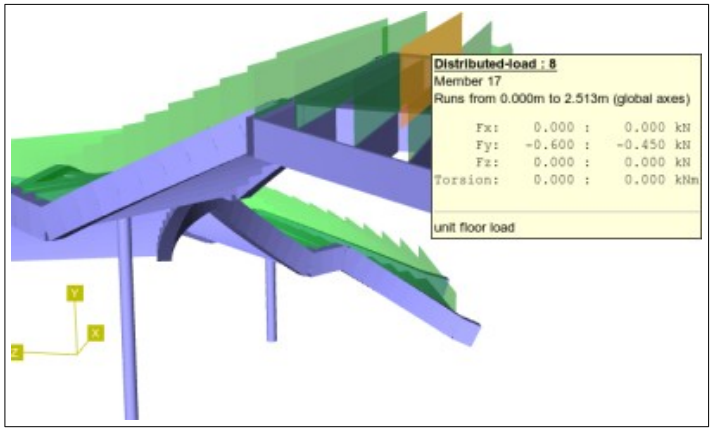
- Advanced section generator allows quick and easy generation of arbitrary cross-sections.
- Simply sketch the shape and draw the outline and cut-outs.



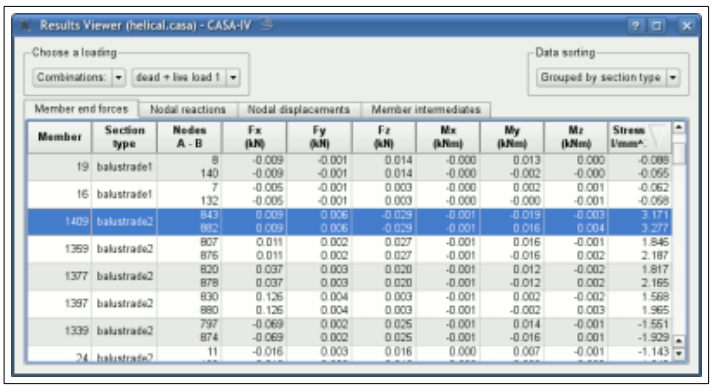
- Loading displayed with translucent envelopes and rendered 3D arrows.

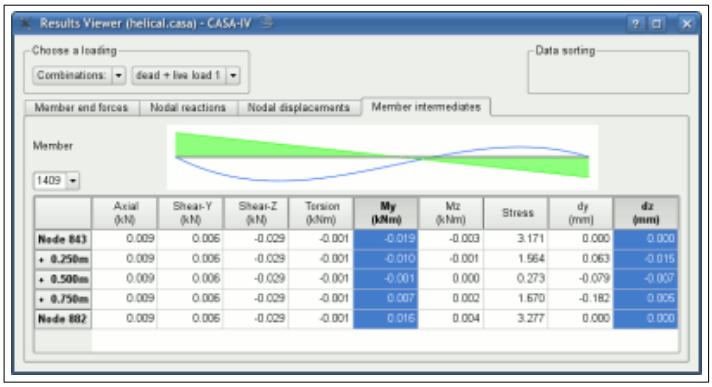


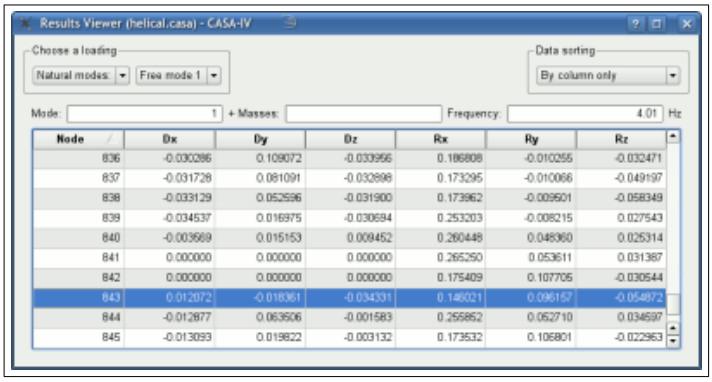
- Pointing to a load gives useful information.



- Results presented in easy to use tables.
- Results can be sorted by clicking on column headers.
- Easily find the highest or lowest forces and displacements.
- Clicking on nodes/members in the structure view will highlight the relevant entry in the table.
- Moving the mouse over the table will illuminate the nodes/members in the structure view.
- Individual members can be investigated.







- Results displayed graphically, including force envelopes.
- The deflected shape can be fully rendered and (if wished) overlaid on the original structure.
- Adjustable scaling can emphasise the deflections or set them to actual size.