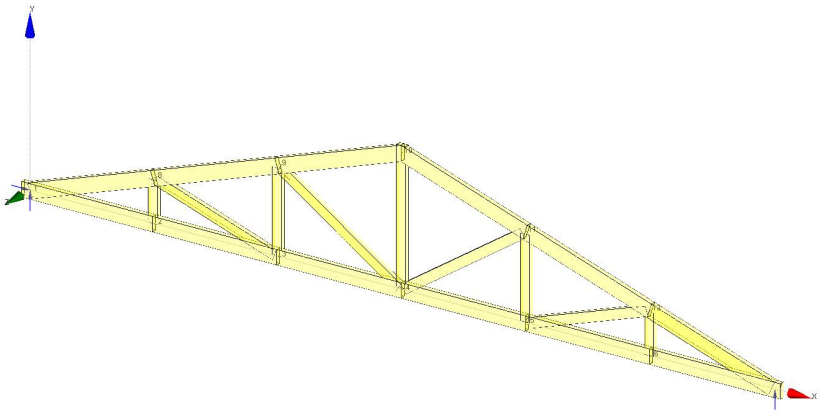
TIMBER BEAM

DESIGN OF TIMBER MEMBERS SUBJECT TO AXIAL AND BENDING STRESS

DESIGN | T01

Summary

Timber Beam is used to check and optimise timber members subject to axial and bending stresses, e.g., beams, frames, and trusses.



What makes this module special?

- Members subject to axial and bending stress
- Links with **Sumo** and **Frame**
- Interactive mode

Detailed Description

Timber Beam can design sawn and laminated timber beams subject to axial and bending stress. The program primarily acts as a post-processor for **Sumo** and **Frame**. It also has an interactive mode to quickly check individual members without the need to perform a full analysis.

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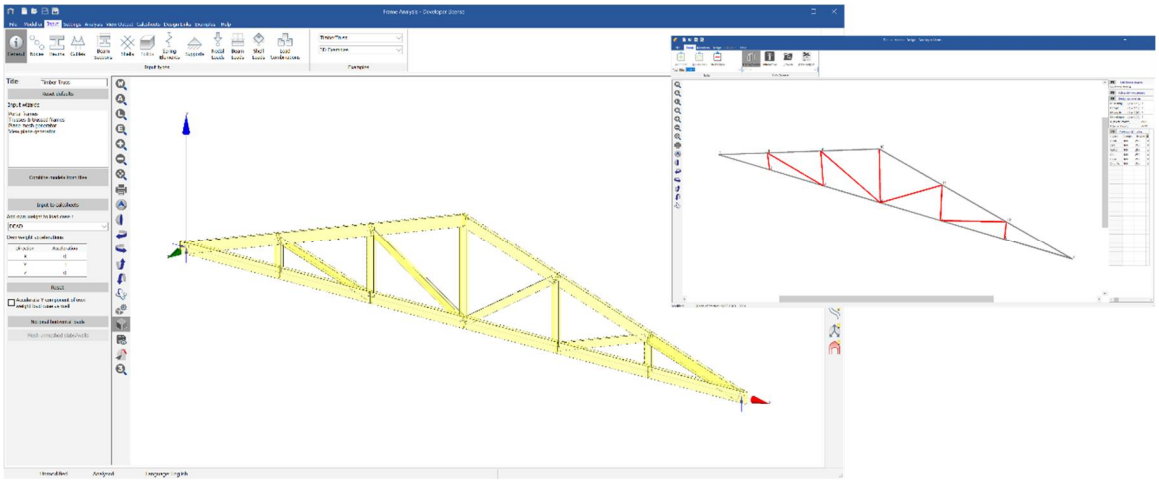
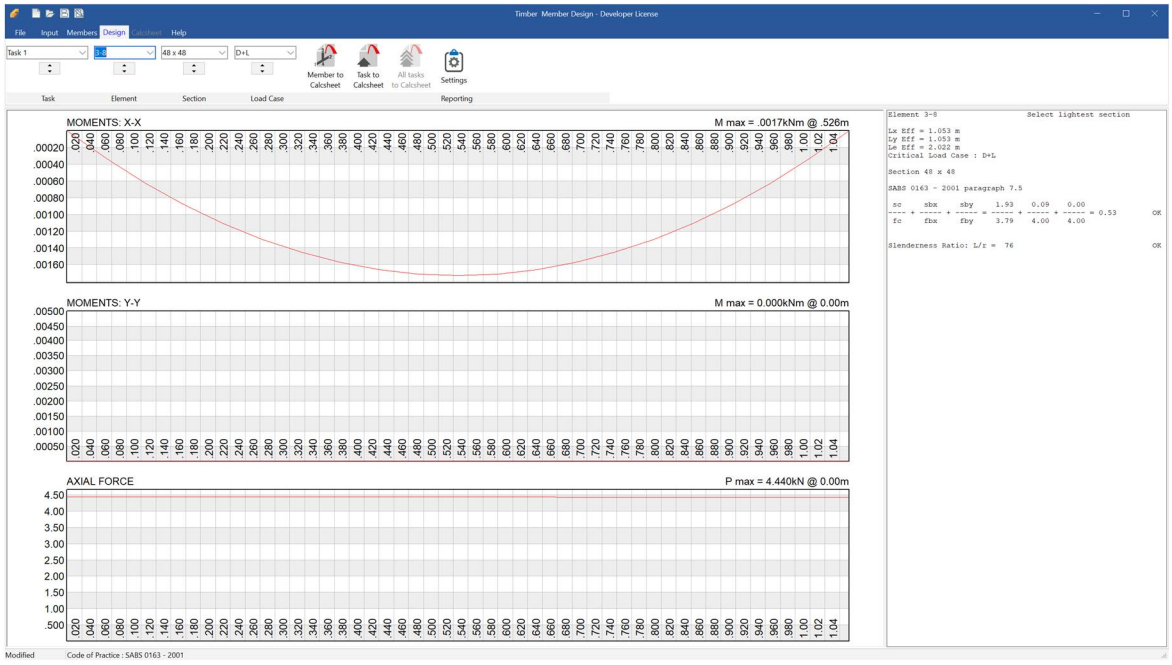


The output for each member includes the graphs showing bending moments and axial force. The calculations and results are printed in the sidebar.



Supported Design Codes

Design Codes

- BS 5268 – 1991
- SABS 0163 – 2001
- SANS 10163 – 2: 2003