Dlubal

Structural Analysis & Design Software

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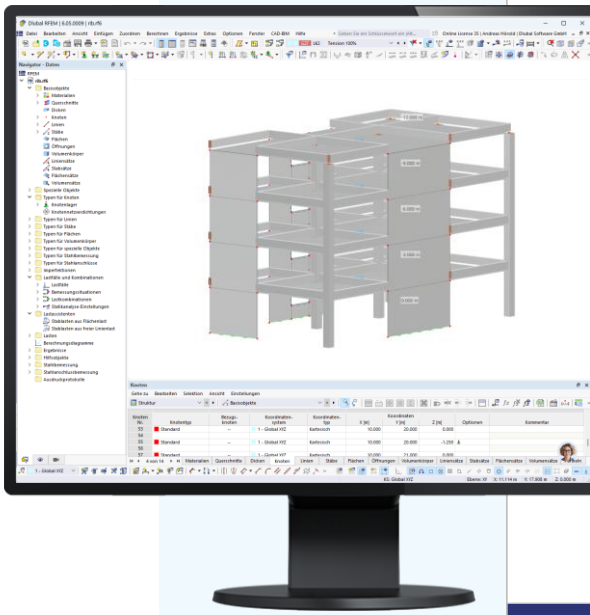
Webinar

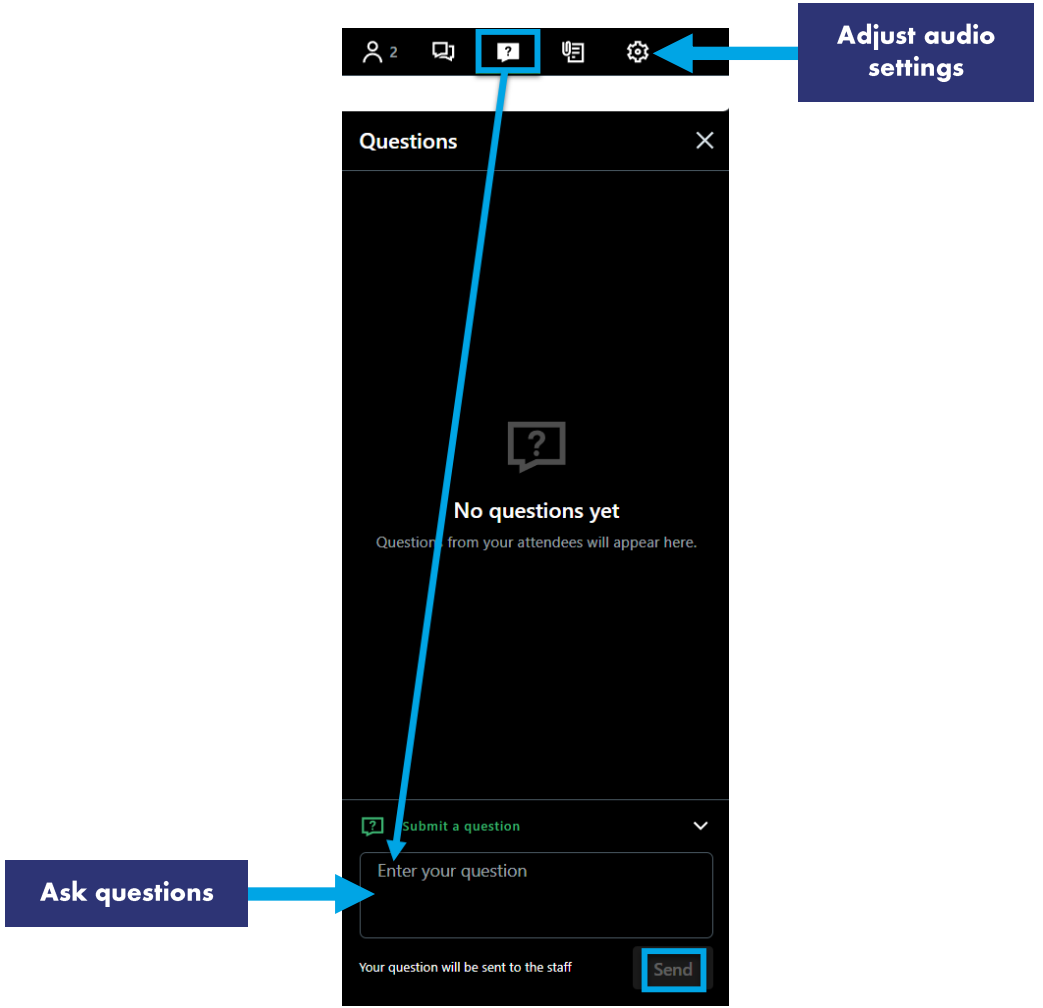
Effective Use of Building Model Add-on



Questions During the Presentation

GoToWebinar Control Panel
Desktop

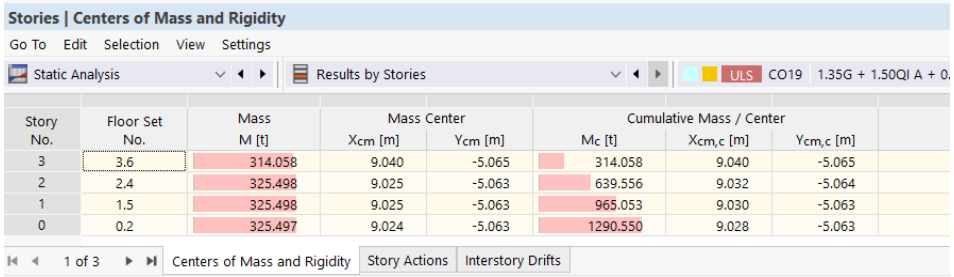
E-mail: **info@dlubal.com**



CONTENT

Advantages of 3D modeling using a building model

- Quick modeling using DXF background layers
- Automatic creation of visibilites per story
- Load distribution overview
- Simplified generation and design check for deep beams and shear walls also additional checks in the concrete add-on
- 2D slab calculation
- Additional informations for dynamic & seismic checks



Comparison with positional structural analysis

Pros positional structural analysis

- Fast modeling and verification
- 2 degrees of freedom – 2D calculation

Cons positional structural analysis

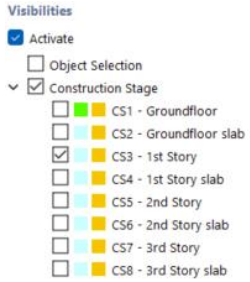
- Loads must be transfered from story to story
- Neglecting 3D effects, requires separate additional considerations

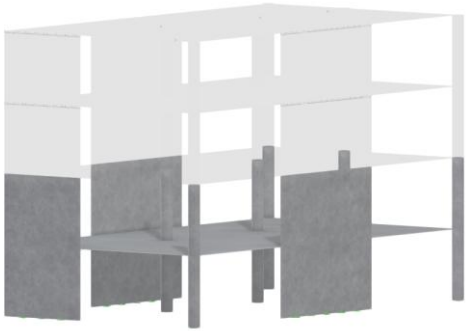
Building Model

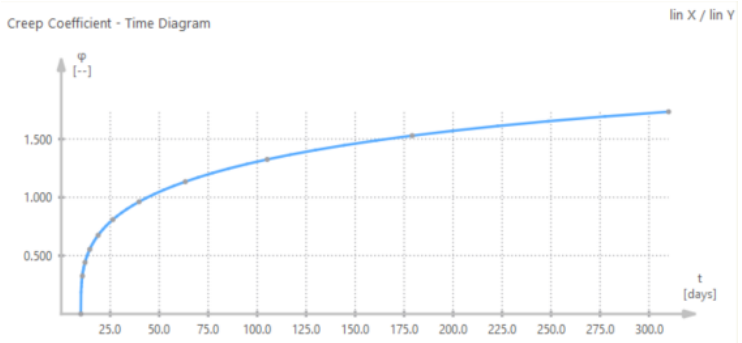
- Combines 2D und 3D calculation
- Load transfer is not necessary through 3D model
- Overview of forces and results by story
- Requires no separate additional considerations
- 3D forces are considered

Impact of Construction Stages Analysis add-on

- Construction stages can be considered
- With add-on Time-Dependent Analysis, material parameter e.g. creep and shrinkage effectively usable over time
- Temporary loads / auxiliary structures can be considered







Webinar

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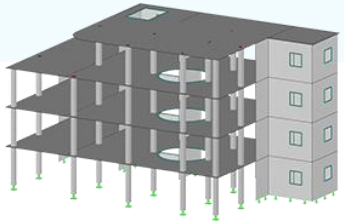
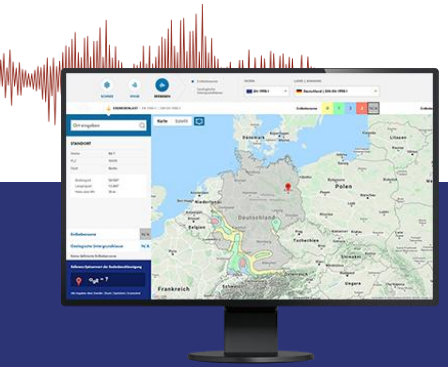


Free Online Services

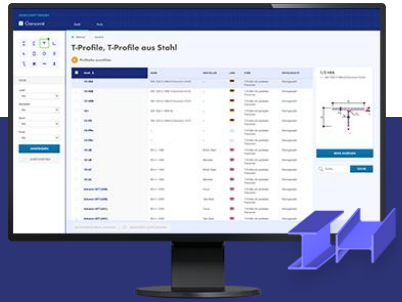
Geo-Zone Tool

Dlubal Software provides an online tool with snow, wind and seismic zone maps.



Cross-Section Properties

With this free online tool, you can select standardized sections from an extensive section library, define parametrized cross-sections and calculate its cross-section properties.



FAQs & Knowledge Base

Access frequently asked questions commonly submitted to our customer support team and view helpful tips and tricks articles to improve your work.

Models to Download

Download numerous example files here that will help you to get started and become familiar with the Dlubal programs.

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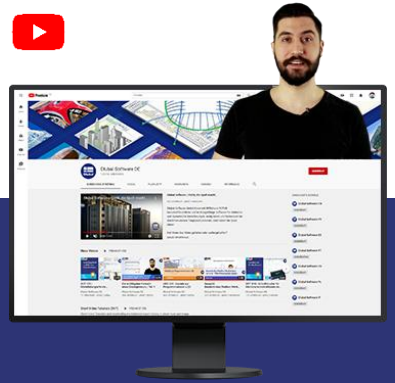
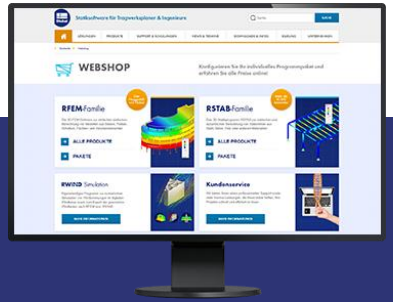
Youtube Channel - Webinars, Videos

Videos and webinars about the structural engineering software.



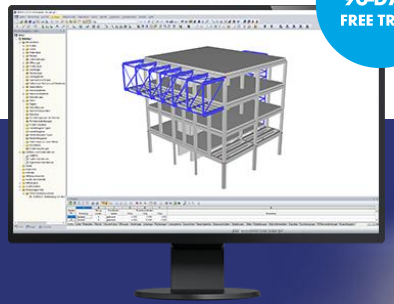
Webshop with Prices

Configure your individual program package and get all prices online!



Trial Licenses

The best way how to learn using our programs is to simply test them for yourself. Download a 90-day free trial version of our structural analysis & design software.



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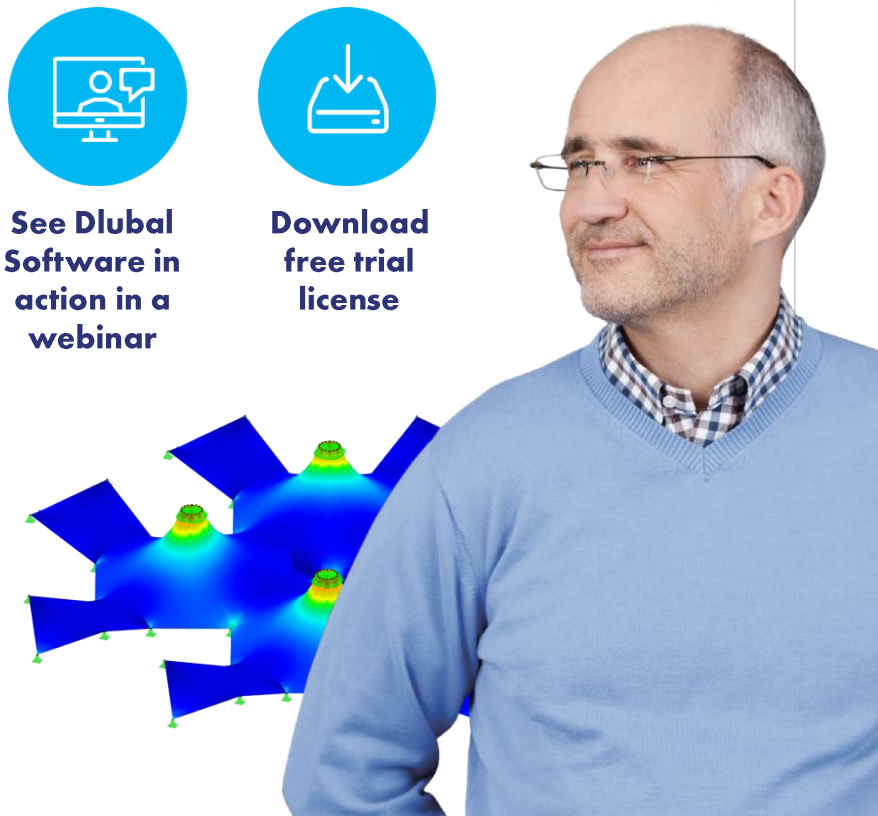

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