Enhanced Printout Report

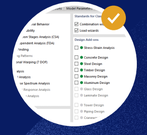
Real-time data sync with RFEM and the printout report. Mass printing of graphics. Import of PDFs, formulas, 3D graphics, etc. Interactive chapter modification including new chapter definitions.

Faster Calculation

For models requiring the calculation of multiple load combinations, several solvers (one per core) are initiated in parallel. Each solver then calculates a load combination improving core utilization and providing quicker results.

Modern Online Licensing System

The modern online licensing system allows users to easily launch their RFEM license from any location without restrictions of a locally hosted license.



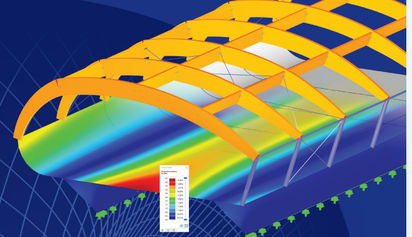
Integration of All Add-ons

All add-ons are integrated directly in RFEM 6. This allows seamless interaction between the analysis and design (e.g. overturning moment of timber beams with the "Torsional Warping (7 DOF)" add-on; consideration of staged form-finding processes with the "Construction Stages Analysis (CSA)" add-on; etc.).

Universal

Intuitive

Powerful



Explore

New Generation Software

The new generation 3D FEA software RFEM 6 is used for the structural analysis and design of members, surfaces, and solids. With its modernized user interface, RFEM 6 now includes a more powerful calculation, improved printout report, seamless integration of all design add-ons, and other enhanced features.

Analyze & Design the Future with Dlubal Software

Perfect the structural analysis process with the universal Dlubal Software programs to master all modern-day structural engineering challenges.

Discover the possibilities of RFEM 6

Free Full 90-DAY Trial Version

Interested to learn more about the Dlubal programs? Try it yourself!

Dlubal Software, Inc.
The Graham Building
30 South 15th Street 15th Floor
Philadelphia, PA 19102, USA

Phone: (267) 702-2815
Email: info-us@dlubal.com

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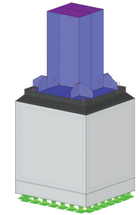
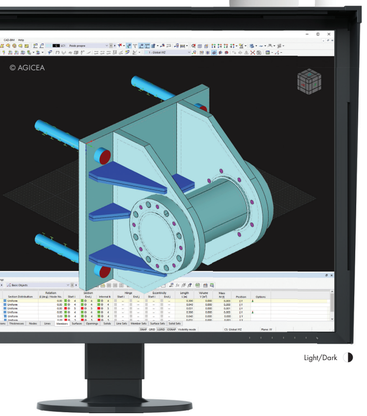
RFEM



www.dlubal.com

Structural Analysis and Design Software

RFEM

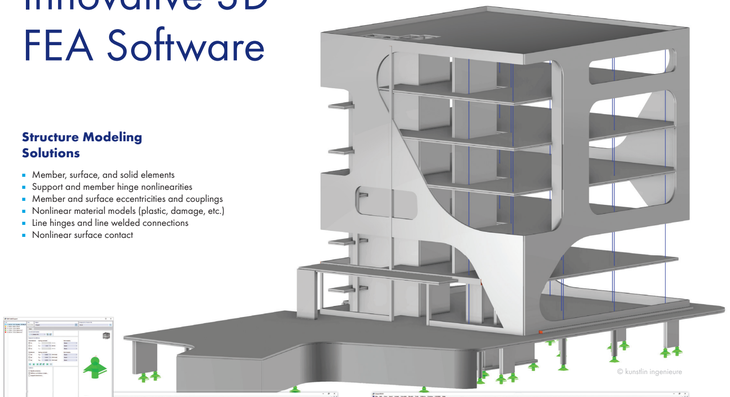


Light/Dark

The 3D FEA program RFEM 6 provides engineers with the analysis and design tools necessary for modern civil engineering. Efficient data input and intuitive handling allow for efficient modeling of simple to complex structures.

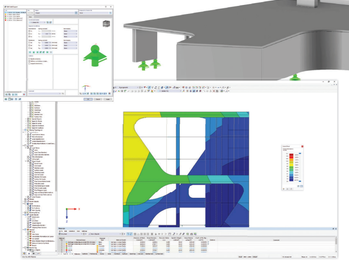
RFEM calculates deformations, internal forces, stresses, support forces, and soil contact stresses. Load wizards simplify wind, snow, and other loading scenarios. With the integrated add-ons, design according to various standards is possible for reinforced concrete, steel, timber, aluminum, and other material structures.

Innovative 3D FEA Software



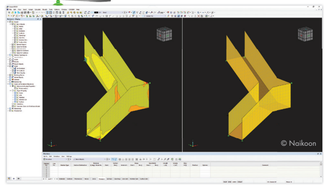
Structure Modeling Solutions

- Member, surface, and solid elements
- Support and member hinge nonlinearities
- Member and surface eccentricities and couplings
- Nonlinear material models (plastic, damage, etc.)
- Line hinges and line welded connections
- Nonlinear surface contact



Universally Applicable

- Multi-material analysis of steel, concrete, timber, aluminum, etc.
- Current national and international standards
- Static and dynamic analysis
- Linear and nonlinear analysis



Intuitive Graphical User Interface

- Quick introduction for new users
- Efficient modeling and loading workflow
- Optional graphical or tabular data entry
- High-quality graphic output

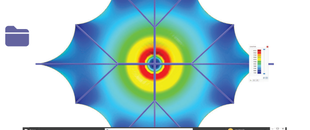
Features

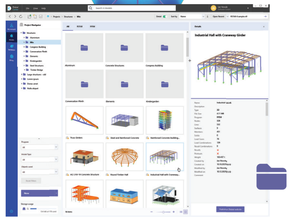
New Generation RFEM 6

In RFEM 6, numerous new features have been implemented, which make daily work with the FEA program easier and more effective. Below, several new features are listed.

- Improved printout report
- Faster calculation
- Script Manager
- Add-on integration
- Wind simulation integration
- Load wizard project location sync
- Cross-section unit stresses
- Load transfer surface
- Surface contact
- Imperfection cases
- Design situations
- Cross-section statistics
- Cloud based licensing system
- Improved result diagrams
- Mass loads

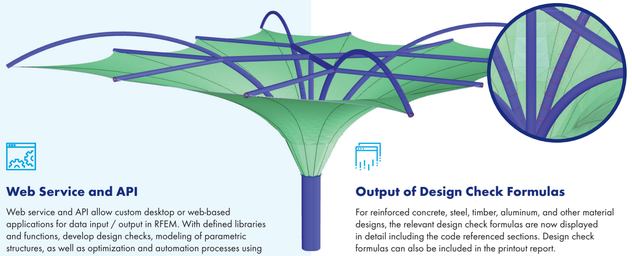
and much more...





New Dlubal Center

The Dlubal Center manages project and model files in a central location. Quickly access templates and blocks for a quick application into existing or new models. In addition, customer data including purchased programs and add-ons can be found in the Dlubal Center.



Web Service and API

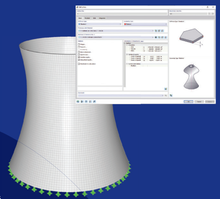
Web service and API allow custom desktop or web-based applications for data input / output in RFEM. With defined libraries and functions, develop design checks, modeling of parametric structures, as well as optimization and automation processes using the programming languages Python and C#.

Output of Design Check Formulas

For reinforced concrete, steel, timber, aluminum, and other material designs, the relevant design check formulas are now displayed in detail including the code referenced sections. Design check formulas can also be included in the printout report.

Comprehensive **Add-ons**

Engineers can use the program add-ons for multiple structural analysis solutions. Because all add-ons are fully integrated into the main program RFEM, complete structural design is now effective and efficient.



DYNAMIC ANALYSIS

- Modal analysis
- Response spectrum analysis

DESIGN

- Stress-strain analysis
- Concrete design
- Steel design
- Timber design
- Masonry design
- Aluminum design

ADDITIONAL ANALYSIS

- Nonlinear material behavior
- Structure stability
- Construction stages analysis (CSA)
- Time-dependent analysis (TDA)
- Form-finding
- Torsional warping (7 DOF)
- Geotechnical analysis

6

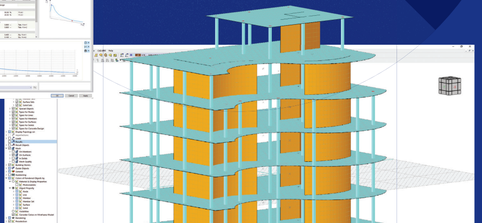
CONNECTIONS

- Steel joints

SPECIAL SOLUTIONS

- Building model
- Optimization & costs | CO_2 emission estimation

Simplify Complex Engineering



Visit our website for more information about Add-ons