

ROHR2

Program System for Static and Dynamic Analysis of
Complex Piping and Skeletal Structures

ROHR2 Update 32.0 October 2015 New Features and Improvements

The program system ROHR2 with its additional modules is checked and modified continuously within the scope of the maintenance agreement.

The program release ROHR2 32.0 replaces the ROHR2 31.2a, January 2014:

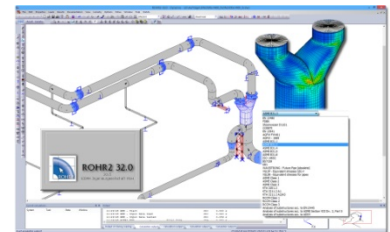
This document shows the improvements and enhancements of the program release ROHR2 32.0.

New program modules

- ROHR2press: a new program module for internal pressure analyses and the creation of pipe classes
- ROHR2nozzle: a new program module for nozzle analyses acc. to several standards like API617, API610 or NEMA 23

General

- Simplified graphical user interface: calculation with standard settings.
- Pre-settings for new models can be defined individually
- Stress analysis for structural steel acc. to EN 1993 (analysis STR)
- The automatic spring design was completely revised
- Soil restraint data cc. to EN 13941 can be defined
- ROHR2flange: the current standard DIN EN 1591-1:2014 was implemented
- ROHR2fesu: superpositions and stress analysis was completely revised



Databases

- - Expansion joint data of the manufacturer HaTecFlex, HKS and Dilatoflex were added

Interfaces

- An import interface for CAEPIPE data was added.
- An import interface for CSV data was added.
- An import interface for 3D-DXF data was added
- Interface for the export of the ROHR2 model into FLOWNEX

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