

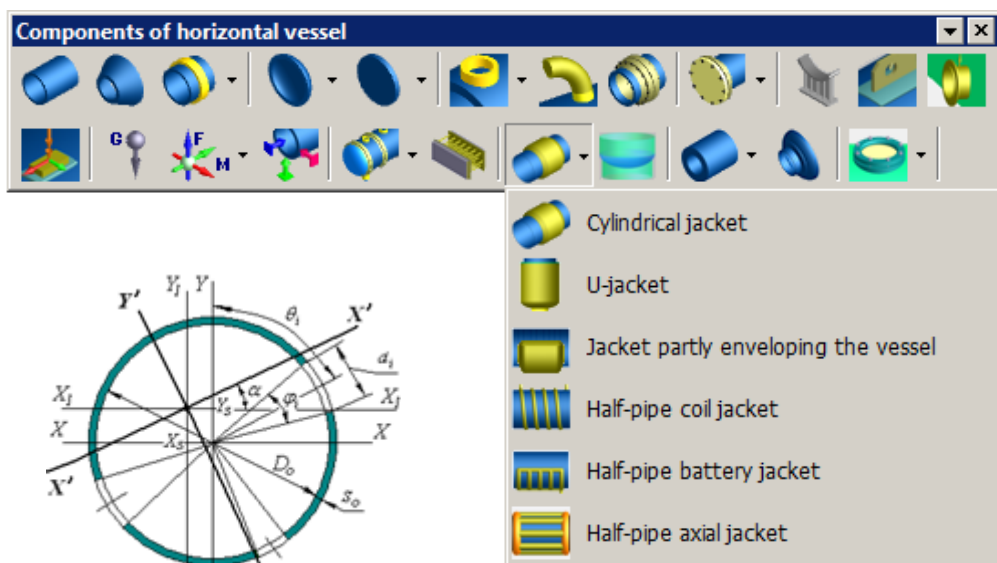
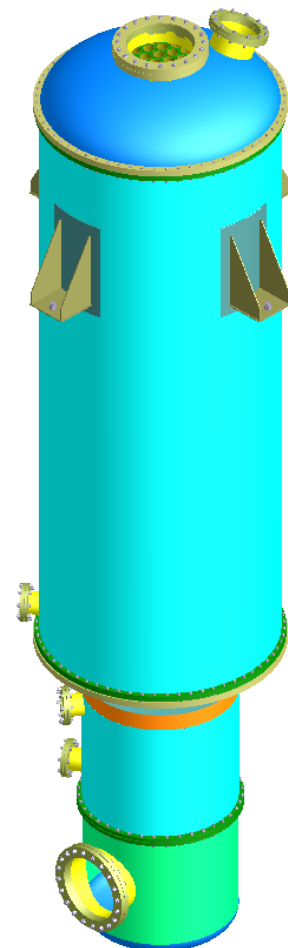
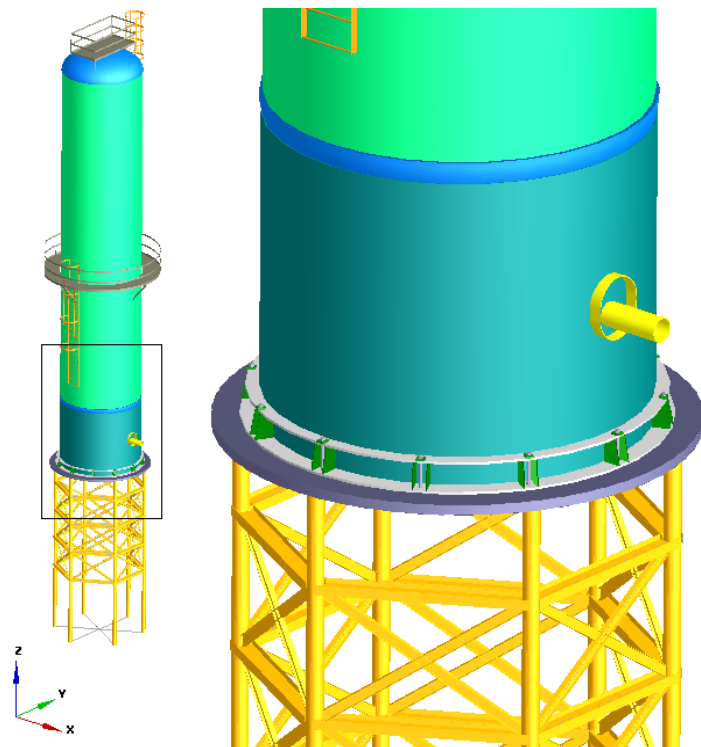
PASS/EQUIP

PRESSURE VESSEL AND HEAT EXCHANGERS DESIGN AND ANALYSIS SOFTWARE

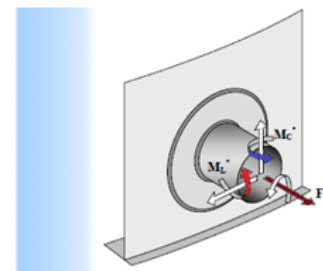
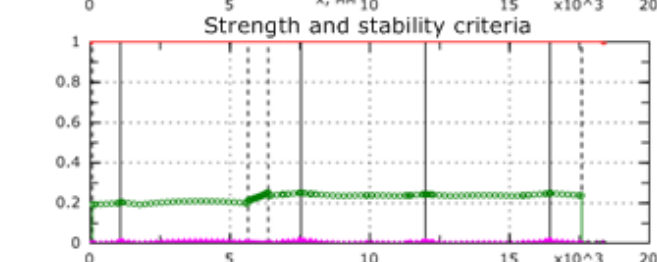
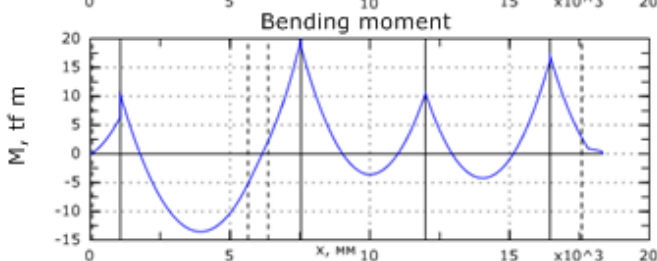
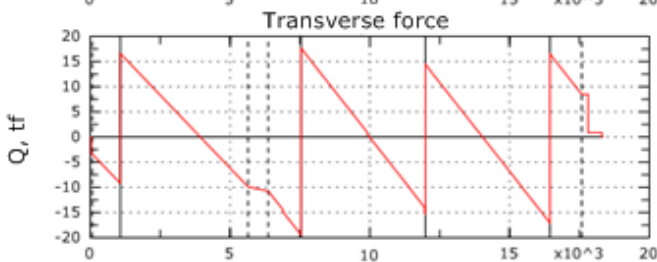
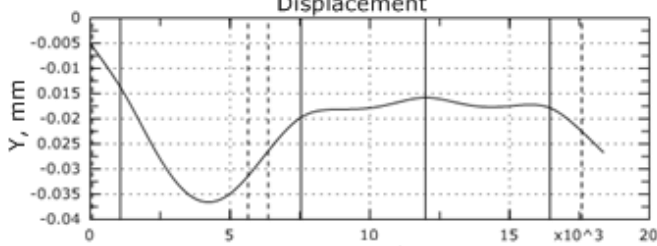
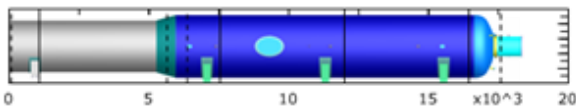
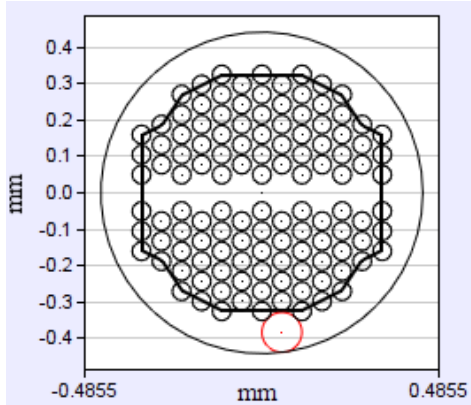
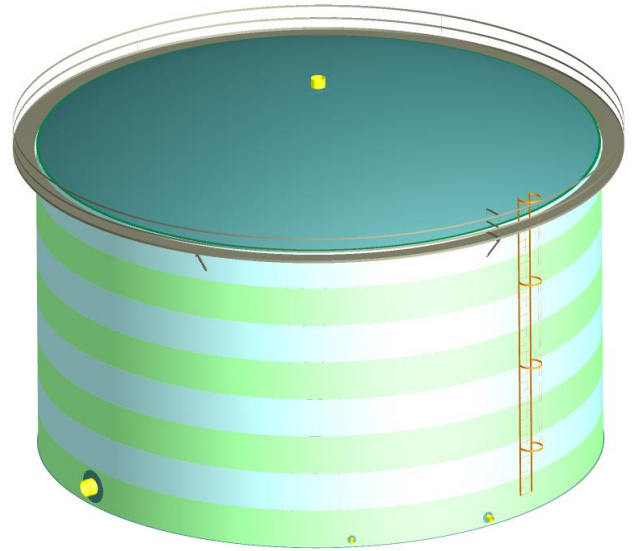
The "PASS/EQUIP" software is the best solution for calculation strength and stability of pressure vessels, apparatuses and their elements

Main features:

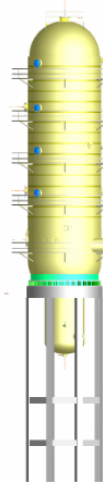
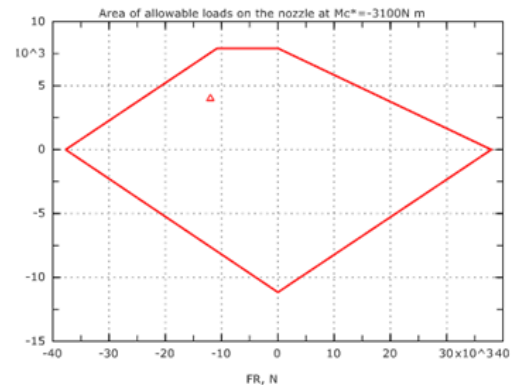
- Comprehensive error checking geometry and applications
- Extensive database of elements and materials
- Any units setting
- 3D models with the "frame" and "transparent" view making possible to see internal elements
- Automatic calculation of filling and the weight and size
- Geometric illustration of the results (plots of displacements, loads, etc)
- The full report
- Saddle (with arbitrary number of supports), Leg, and Skirt Design (cylinder + cone)
- Seismic analysis
- Wind analysis (including wind resonance) for columns
- Automatic identification of the weakest cross section of the Skirt;
- Calculation of column mounted on the pedestal
- Tubesheets, tubes, compensator, extender, floating heads analysis
- Auto-rebuild model



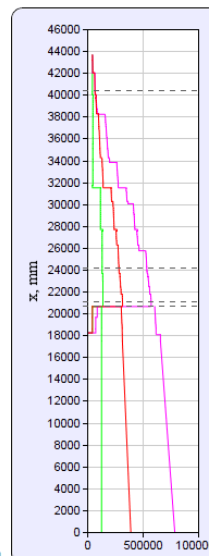
- The calculation of the strength and stability of walls, frameless fixed roof and the bottom of the Tank, including wind, snow and seismic effects
- The calculation of the anchoring wall
- Determination of permissible loads on the pipe connections to the tank wall
- Export 3D model to Autocad and other popular CAD-system and finite element analysis software via formats IGES, STEP, ACIS, ParaSolid



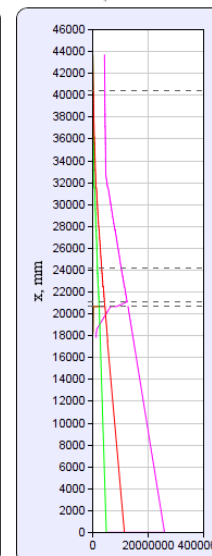
Radial load, F_R^* : $(-1.2 \cdot 10^4)$ N
 Circular moment, M_C^* : (-3100) N m
 Longitudinal moment, M_L^* : 4000 N m



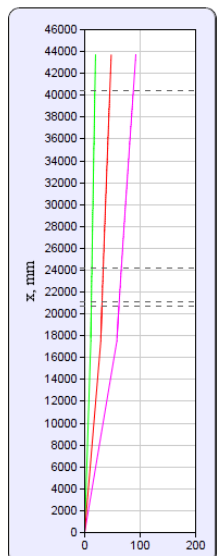
— Q_{sum}
 — seism.
 — wind.



Horizontal load, Q_{sum} , N



Bending moment, M_{sum} , N m



Displacements due to total loads, y, mm