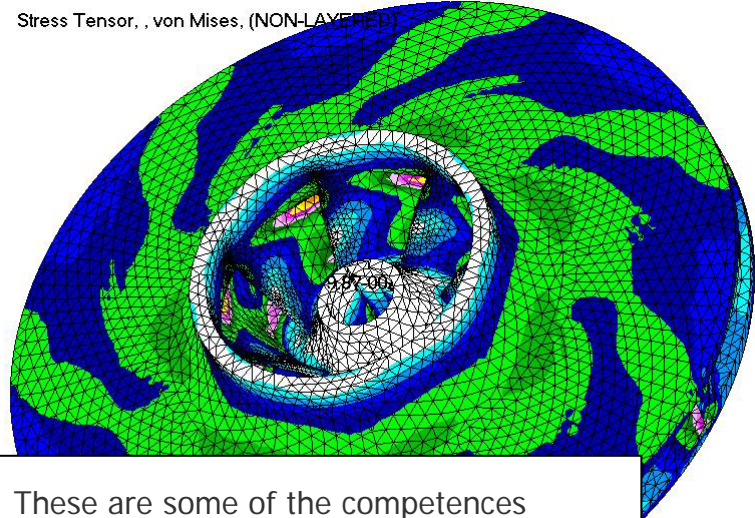


STRUCTURAL ANALYSIS

These are some of the things we can simulate, analyse and document for you:

- Predict and visualize deflection and stress fields.
- Simulate static and dynamic loadings.
- Prediction of fatigue life under transient loading.
- Advanced materials, layered composites, anisotropic and/or nonlinear materials.
- Coupled thermal / mechanical loading
- Shock, contact, large deformation
- Shape or topology optimization
- Coupled fluid / structure interaction
- Combined loads and multiple load cases
- Vibro- / acoustic simulation

Stress Tensor, von Mises, (NON-LAYERED)



These are some of the competences offered:

We have more than 2 decades of experience, providing state of the art analysis for Scandinavian industry.

Leave tedious and time-consuming modelling and pre-processing to us.

We document structural and mechanical behaviour according to Danish and international codes and norms. Eg. DS, DIN, EC etc.

We use, sell and support the worlds most user-friendly analysis environment. i.e. CATIA V5 analysis with fully CAD-integrated simulation

We use, sell and support the worlds most comprehensive and acknowledged MultiDisciplinary analysis environment. i.e. MSC.Software

(MD.Nastran, Adams, Marc, Dytran, Actran, Patran, SimDesigner etc)



Idé-Pro Engineering & Software A/S:

We assist our customers in solving their technical- and administrative engineering challenges:

- Sales and implementation of Data Management and Engineering Software Solutions, with emphasis on PLM/PDM, Quality Compliance, CAD, CAM, FEM, MBS and CAE, focussing on products from Dassault Systemès.
- Assistance to product development, design, construction, analysis, optimization, and the practical realisation of development and manufacturing projects.
- Our customer base covers a wide range of Denmark's leading companies in design, shaping, electronics, machinery, automotive, aerospace and defence. We are a company in the Idé-Pro Skive group – The leading North European supplier of tooling and injection moulded parts – focusing on prototypes, small- and medium series production.

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STRUCTURAL ANALYSIS - References

Our experienced analysts have serviced major Danish industries for decades with competent and expedient Finite Element Analysis and documentation

These are some of the references

Niro Atomizer,

Alcatel Aerospace

Monberg og Thorsen

Unicus Engineering

Danfysik

Dantec Measurement Technology

Radiometer

Grenaa Rustfri

Aarhus Maskinfabrik

FKI Logistex - Crisplant

Kosan Teknova

Terma

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Sapa

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HetoHolten

Skov

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Alfa Laval Separation

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HMF

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PP Techniq

Grundfos

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