

AGROINGEGNO[®]

www.agroingegno.it

Integrated engineering service for agriculture

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www.agroingegno.it

Agroingegno

Technical consulting in agriculture with a specialization in agronomy and in the agricultural mechanisation. The skills gained in the field, thanks also to past activities of research and experimentation with universities, have allowed the creation of a working Team with a mission of the innovative application of CAE (Computer Aided Engineering) methodologies and testing to support our customer into agricultural mechanization development.

OBJECTIVE OF THE SERVICE

Generate synergy between agricultural and engineering needs through a integrated service with the fusion of skills useful for the purpose

Organization

Agroingegno and its working partners

The activity is carried out in accordance with the specific needs of the customer by providing the most appropriate agricultural and engineering skills.



Phitec Ingegneria: numerical analysis and virtual simulation (www.phitecingegneria.it)



Zaaf Design: style and industrial design(www.zaafdesign.com)



FV Engineering: CAD 3D and Autodesk certifications



DLG: testing, certification and homologations (www.dlg.org)

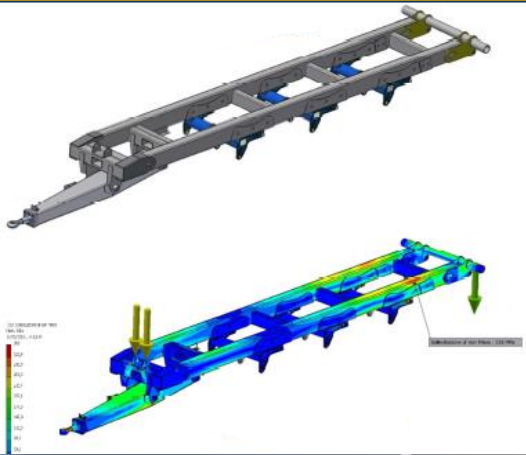
We can find solutions to optimize the machines or to develop new applications.

- **Market analysis, research and feasibility study with new proposals**
- **Design with 3D modeling and industrial design**
- **Numerical analysis of FEM, CFD and DEM to predict behaviour physical structures, materials, interactions, lubrication, vibrations, etc.**
- **Reverse engineering, testing for data collection, verification, certification and homologation**
- **Research and technical publications**

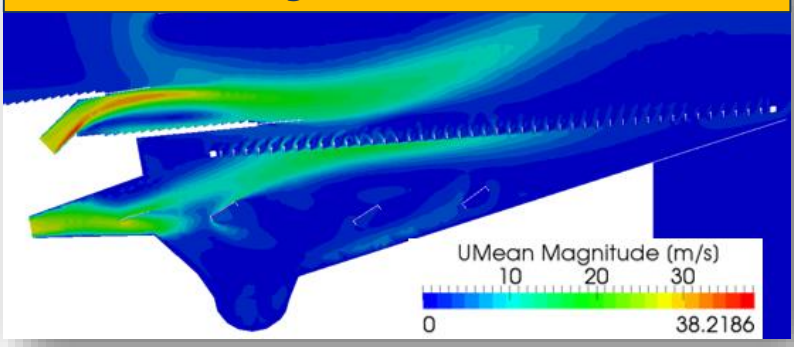
Each service is a path carried out together with the customer with whom continuously interact to achieve the required objective

Some works

FEM on trailer frame



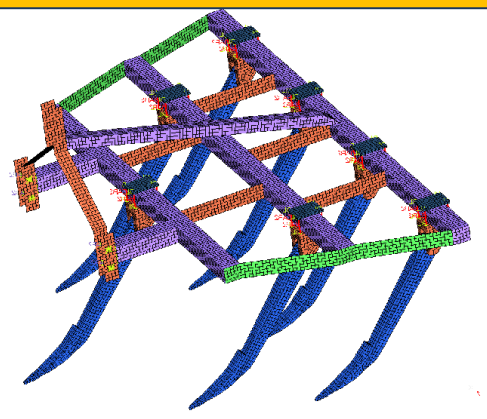
CFD Analysis on combine



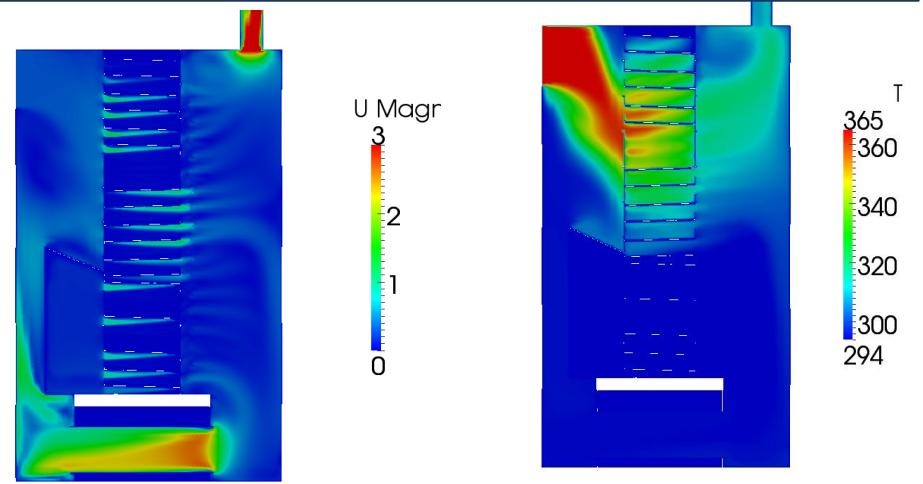
Design on slurry manure



FEM on harrow



Analysis on grain drier



Air speed

Temperatures

Design on Unifeed



Mattia Trevini

Agronomist and Research Doctor



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