

RhinoCFD



Powered by PHOENICS

Choose RhinoCFD for a fully-integrated CAD to CFD user environment for Rhino3D



CHAM Concentration Heat And Momentum Limited

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Integration of two worlds

RhinoCFD is a popular CFD plug-in for Rhino3D, powered by CHAM's world-renowned PHOENICS solver. RhinoCFD has been streamlined for easier and more efficient use, allowing non-CFD users and experts alike to perform state-of-the-art CFD simulations without leaving the Rhino environment.

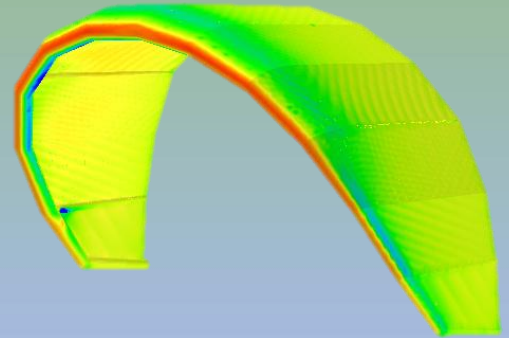


Charging Bull, NYC

RhinoCFD allows designers to study flow patterns and heat-transfer processes and immediately test the effect of their changes on their models.

Improve workflow and reduce project time

- Save time by working in a familiar environment
- Results, refine, restart — RhinoCFD provides the ability to refine geometry and restart simulations where you left off
- Build and simulate designs for any industry including: naval, architecture, jewellery, aerospace, industrial...



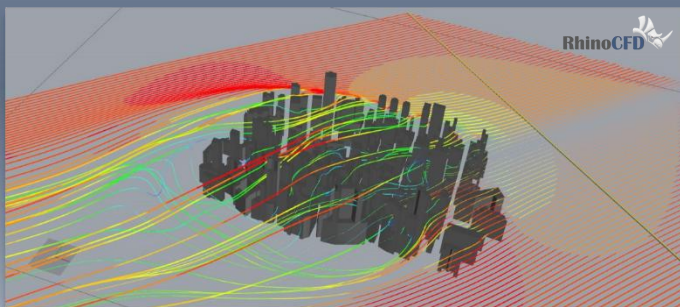
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Realistic result visualisation

- Use fluid visualisations along with advanced rendering capabilities in Rhino to provide better results than ever

RhinoCFD incorporates many of the capabilities of its mainstream PHOENICS counterpart including:

- Parallel processing
- Free surface modelling
- Radiation modelling
- Cartesian/Cylindrical Polar meshes
- PARSOL (Partial Solid) cut-cell geometry detection
- Standard and advanced turbulence model options
- Special purpose Built Environment (FLAIR) variant
- Technical support and training courses available



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