

EnginSoft is a premier consulting firm in the field of Simulation Based Engineering Science (SBES) with a global presence. It was founded in 1984, but its founder and initial employees had been working in SBES since the mid '70s. Throughout its long history it has been at the forefront of technological innovation and remains a catalyst for change in the way SBES and CAE technologies in general are applied to solve even the most complex industrial problems with a high degree of reliability.

Today, EnginSoft is comprised of groups of highly qualified engineers, with expertise in a variety of engineering simulation technologies including FEM Analysis and CFD, working in synergic companies across the globe. We are present in Italy, France, Germany, the UK, Turkey and the U.S.A. and have a close partnership with synergic companies located in Greece, Spain, Israel, Portugal, Brazil, Japan and the U.S.A.

EnginSoft works across a broad range of industries that include the automotive, aerospace, defense, energy, civil engineering, consumer goods and biomechanics industries to help them get the most out of existing engineering simulation technologies.



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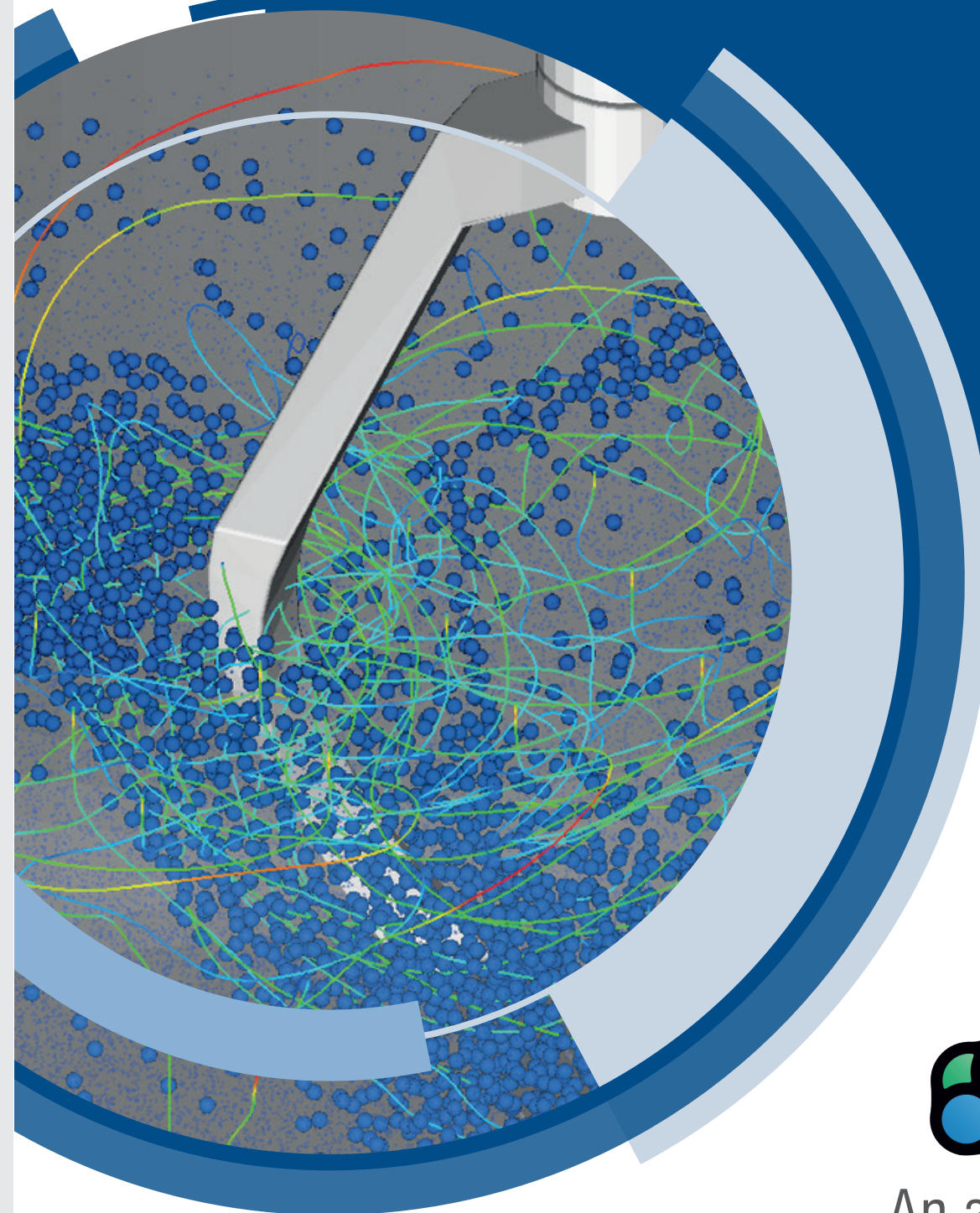
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DATA SHEET



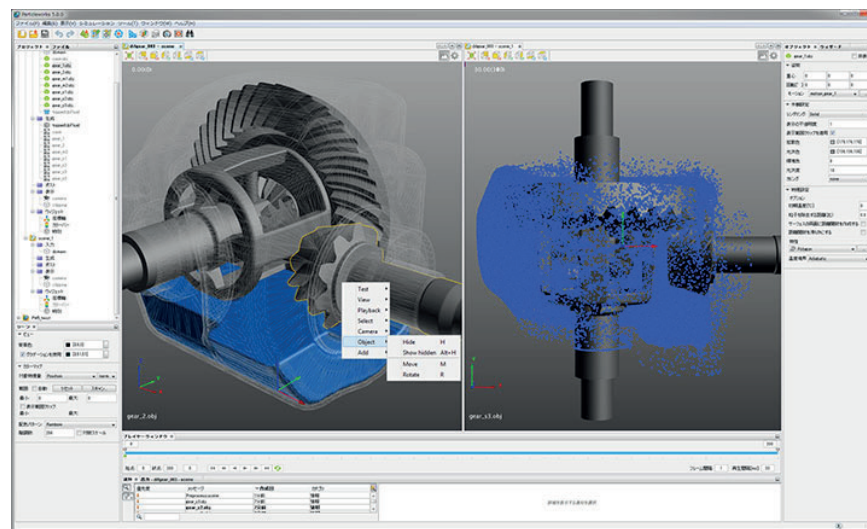
 **Particleworks®**
Particle-based simulation software for CAE

An advanced CFD solution,
based on the Moving Particle Simulation (MPS) method

Particleworks is an advanced mesh-free CFD software solution based on the Moving Particle Simulation (MPS) method

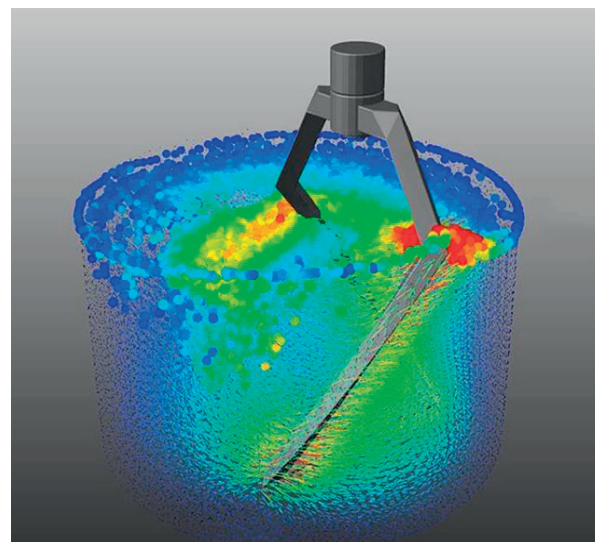
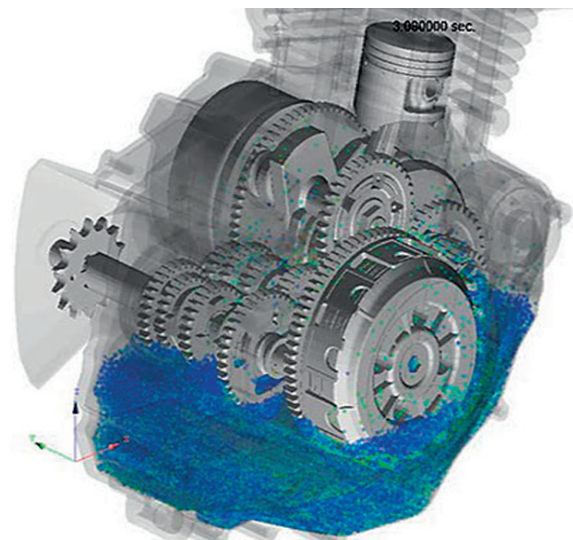
Particleworks provides direct file import from CAD software to reduce costs associated with mesh generation that is required for conventional CFD software

Particleworks enables engineers to model and simulate large-scale problems related to free surface flows integrated with interactions such as fluid-rigid or fluid-powder, dealing with complex boundary geometries



ParticleWorks is a product

PROMETECH.



Particle-based simulation software for CAE

Discover Moving Particle Simulation to

- ✓ Accelerate innovation by exploring design ideas upfront
- ✓ Empower non-CFD engineers to simulate large scale problems
- ✓ Reduce physical tests and development costs
- ✓ Improve productivity and quality to retain competitive advantage

Key Product Features

- ✓ Mesh-free method
- ✓ Free surface flow, spray and liquid jet simulation
- ✓ Moving Boundary problem analyses - Fluid / powder / rigid body coupling
- ✓ Mixing and highly viscous fluids interaction

