

EDEM SOFTWARE



EDEM is the market-leading software for bulk material simulation

Powered by state-of-the-art Discrete Element Modeling (DEM) technology, EDEM quickly and accurately simulates and analyzes the behavior of bulk materials such as coal, mined ores, soil, tablet, and powders.

EDEM 2017 now available!

EDEM simulation provides engineers with crucial insight into how bulk materials will interact with their equipment during a range of operation and process conditions.

WHY EDEM?



SIMULATE ANY MATERIAL

Simulate any material type and shape: large lumps, dry, fine, sticky, cohesive



EASY TO USE

Modern user interface for quick simulation set up



QUALITY PERFORMANCE

Fast and scalable compute performance with GPU solver – simulate large and complex particle systems

EDEM GPU

[\(http://www.edemsimulation.com/blog/simulate-faster-new-edem-gpu-solver/\)](http://www.edemsimulation.com/blog/simulate-faster-new-edem-gpu-solver/)



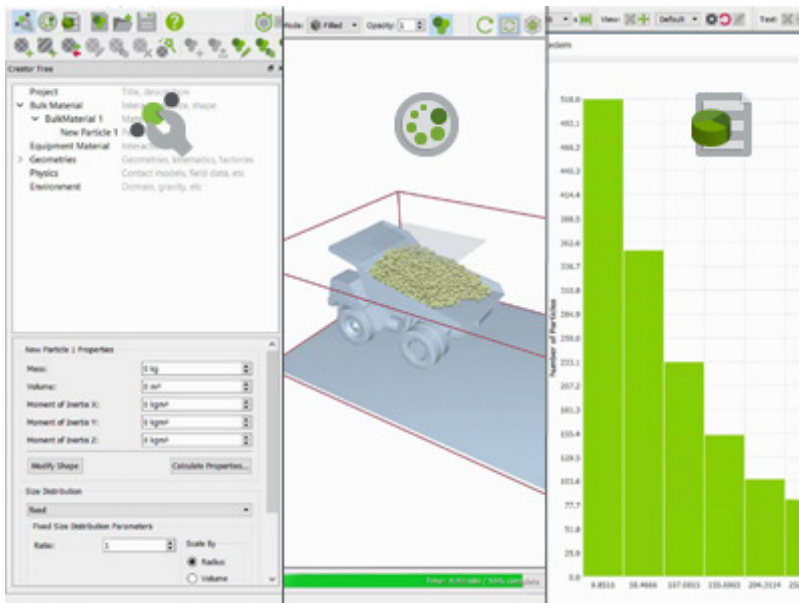
KEY RESOURCES

Quick and easy access to a library of thousands of material models

GEMM DATABASE

[\(https://www.edemsimulation.com/gemm/\)](https://www.edemsimulation.com/gemm/)

KEY FEATURES

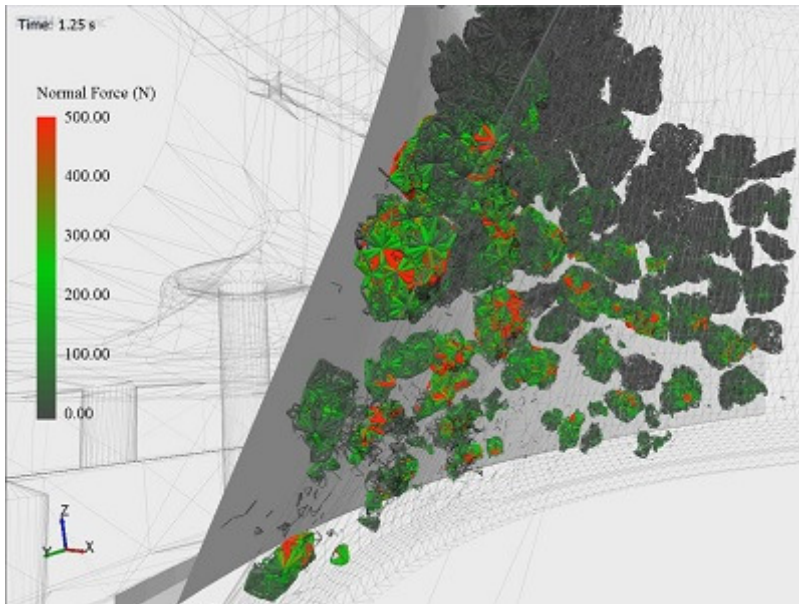


EDEM Components

The EDEM software platform consists of three core components: EDEM Creator, EDEM Simulator and EDEM Analyst.

FIND OUT MORE

[\(https://www.edemsimulation.com/software/components/\)](https://www.edemsimulation.com/software/components/)

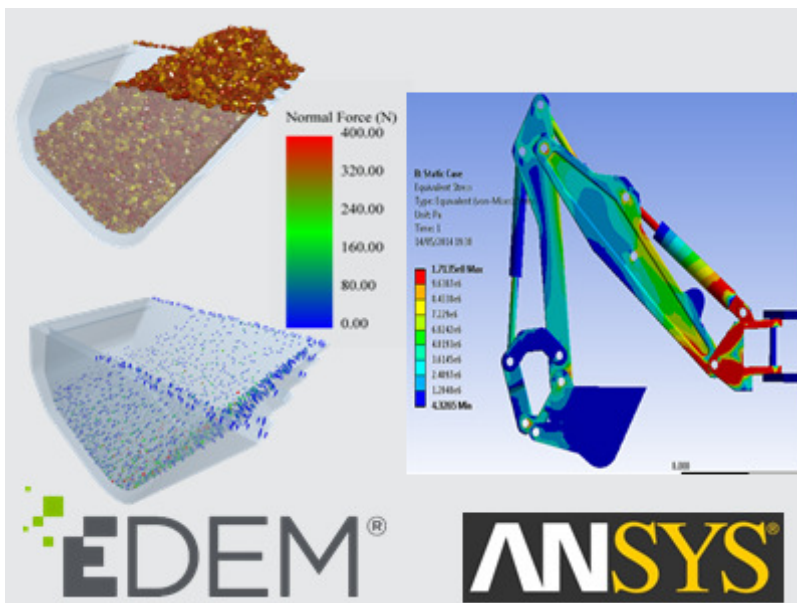


EDEM API

Highly versatile tool for development of advanced and complex simulations (sticky solids, breakage, flexible fibers and membranes, charged and magnetic particles, fluid field import and more).

[FIND OUT MORE](#)

[\(https://www.edemsimulation.com/software/customization-api/\)](https://www.edemsimulation.com/software/customization-api/)



CAE Integration

EDEM has the interfaces and functionality to couple with all of the major CAE technologies: Finite Element Analysis, Multibody Dynamics and Computational fluid dynamics.

[FIND OUT MORE](#)

[\(https://www.edemsimulation.com/software/cae-integration/\)](https://www.edemsimulation.com/software/cae-integration/)

WHAT OUR CLIENTS SAY

Trusted by the world's leading companies and industry experts, find out more by reading our [case studies](#).

[\(http://edemulation.com/case-studies/\)](http://edemulation.com/case-studies/)



SPECIALIZED PACKAGES

To purchase EDEM or find out more about our software

TALK TO OUR TEAM

[\(HTTPS://WWW.EDEMSIMULATION.COM/CONTACT/\)](https://www.edemsimulation.com/contact/)

Want to find out more? [Get in touch.](https://www.edemsimulation.com/contact/)

[\(https://www.edemsimulation.com/contact/\)](https://www.edemsimulation.com/contact/)