

full 3D CAD
modeling solution

fikusplus 3dcad

fikusplus 3dcad brings 3D solid modeling to the desktops of engineers and machining workers who work in a 3D world but don't want to become experts in traditional feature-based CAD systems.

Key Features

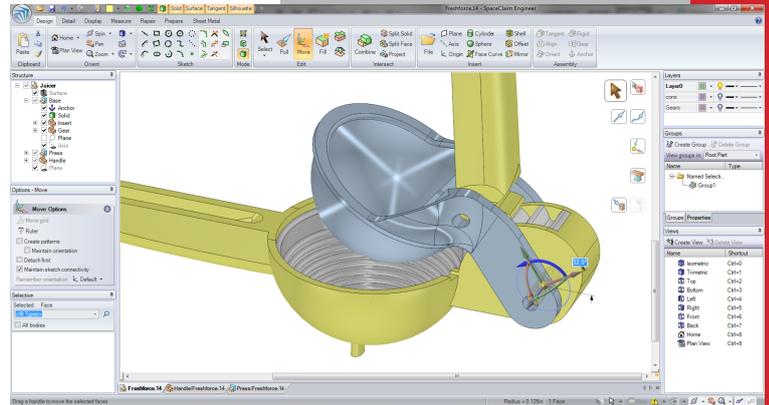
- Leader in direct modeling
- Creation and handling of solids and surfaces
- Parameters without constraints
- Flexible assembly structure
- Operative in any context
- Fast, versatile sheet metal

Easy to use. **fikusplus 3dcad** brings 3D solid modeling to the desktops of engineers and analysts who work in a 3D world but don't want to become experts in traditional feature-based CAD systems.

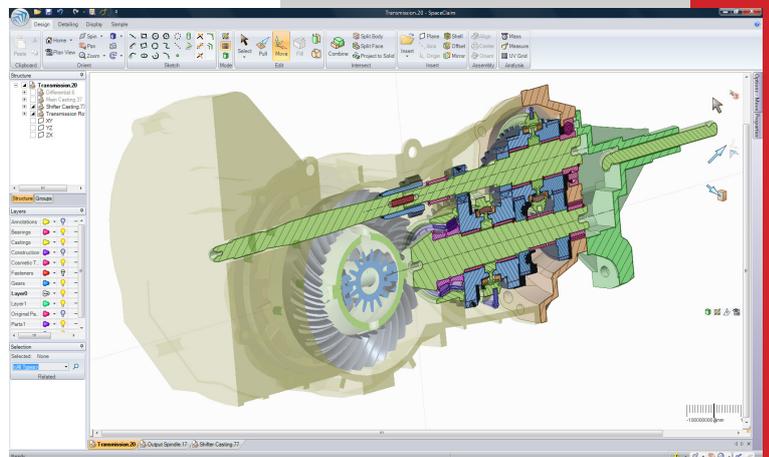
fikusplus 3dcad helps engineers interact with CAD geometry in exciting new ways. Any engineer can make dramatic edits to models, conceptualize on-the-fly, and communicate quickly and easily with colleagues, customers, and suppliers.

Engineering teams can finish projects with ease, in a fraction of the time. Sales and business development groups can win more business by using **fikusplus 3dcad** to communicate their proposals in compelling and realistic 3D.

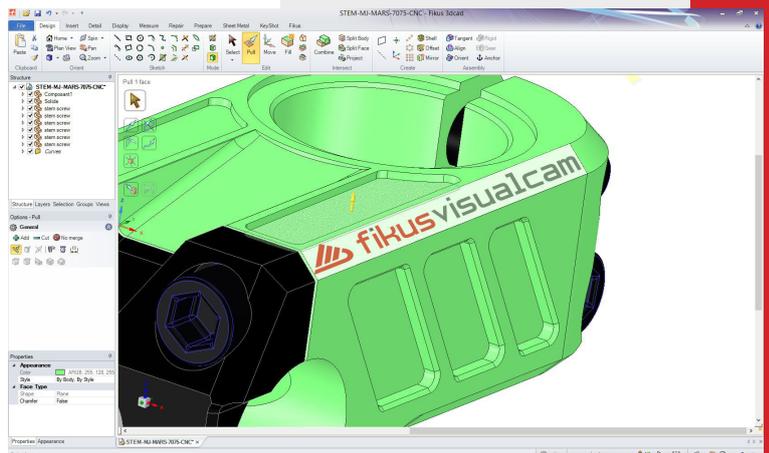
Modeling for CAM leadership. **fikusplus 3dcad's** 3D **Direct Modeling technology** revolutionizes the way you think about working with 3D solid models because it lets you focus on your design without the complexity of traditional CAD.



Design of a 3D solid assembly



Working with the Wizard for Making



Versatile

You can reuse data without planning and remix geometry from other designs, even those created in CAD systems. You can take a design where it needs to go, regardless of how it was built or the CAD system in which it was created. Create new concepts and share them with other engineers before entering the detailed design phase: together, you get the concepts right and avoid expensive last-minute design changes.



TODAY'S ENGINEERING CHALLENGE: EXTENDING THE VALUE OF 3D TO EVERYDAY ENGINEERING COMMUNICATION



As easy as draw in a blank slate

From a blank slate, start drawing 3D shapes as easily and freely as you would on the back of a napkin.

De-feature and simplify parts for analysis or manufacturing and optimize the design without being constrained by original modeling intent.

Intuitive tools such as Pull and Move let you directly select portions of the model and move them where you want. The Combine tool slices and divides parts into pieces and lets you merge in portions from other designs. The Fill tool cleans up small features and fills holes.

Together, these direct modeling tools let you get your job done without resorting to traditional CAD.



Pull, Move, Fill, and Combine tools enable hands-on 3D design

Quickly create and iterate design concepts

Create solid models without the complexity of traditional feature-based CAD

Create multi-discipline concept models for engineering consensus prior to detailed design

Perform what-if studies by editing designs, regardless of how they were created

Powerful capabilities that clean up imported geometry and simplify models for analysis

Data Interfaces

Work with popular common formats: ACIS, STEP, IGES, ECAD, Rhinoceros, SketchUp, CGR, DWG, DXF, STL, OBJ, XAML, VRML, and 3D PDF (requires Adobe Acrobat 9 Pro Extended)

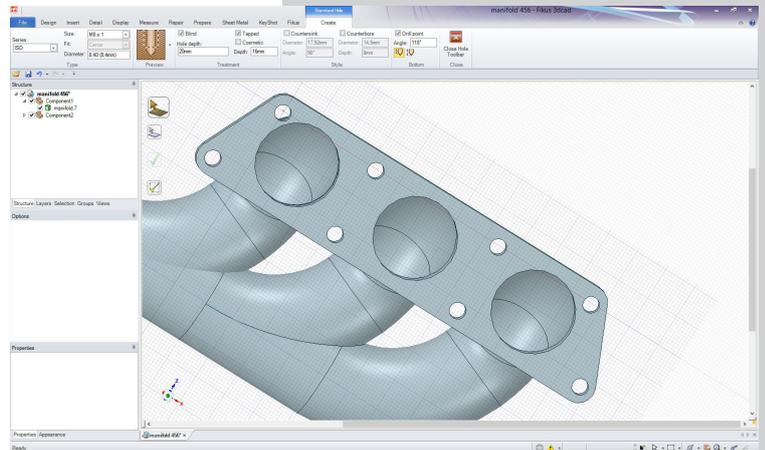
Works with many leading CAD, CAE and CAM tools: ANSYS, Workbench, GAMBIT, ALGOR, CFdesign, or COMSOL.

Optional Modules

- Data Exchange Package I: Pro/ENGINEER, Autodesk Inventor, CATIA v4, VDA
- Data Exchange Package II: SolidWorks, Parasolid, NX
- CATIA v5 Data Exchange
- JT Open Data Exchange
- TraceParts standard parts Library
- Luxion KeyShot photorealistic rendering

Available Languages

Chinese, English, French, German, Italian, Japanese, Korean, Polish, Portugese and Spanish.



System Requirements

- Processor Intel Core 2 Duo 2GHz or higher (i7 recommended)
- RAM Memory: 2GB or more
- Graphic card with OpenGL (NVIDIA recommended)
- Operative system: Microsoft Windows XP, Vista, 7 or 8 (32 /64 bit)
- Hard Disk: 1GB free
- 3 button mouse

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