

SpaceClaim Style

Design the way you think

SpaceClaim® Style brings the freedom of direct solid modeling to industrial design. It accelerates product concept ideation by providing flexible tools to create, edit, and validate design concepts.

TODAY'S DESIGN CHALLENGE: CREATING CONSEQUENTIAL DESIGNS THAT ADDRESS CUSTOMER NEEDS. TODAY'S ANSWER: SPACECLAIM.

3D Direct Modeling with solids enables breakthrough productivity in industrial design.

When industrial designers conceive new ideas, new forms, and new innovation, they contextualize them in the physical world. They need to make their designs tangible, understanding their impact, heft, and substance. They must produce concepts that express exactly how the design will function for end users. Product designs create an indelible connection between the designers and the customers they serve.

For every shape drawn and every form realized, the designer is making a statement, and the supporting graphics must remain true to that statement. Designers cannot allow their ambition to be limited by tools. 3D Direct Modeling from SpaceClaim lets designers create and communicate *without compromise*.

Direct Modeling fuses the freeform creative environment of surface modeling with the power of solid modeling, letting you merge abstract aesthetic with cold hard function. Finally, you can edit what you've created, refining the multiple factors that motivate you.

Create prototype-worthy solid models without worrying about your modeling practice, incorporate data from anywhere, and use it to drive your design. Deliver beautiful documents that demonstrate exactly what you want to say, without compromising your design intent.

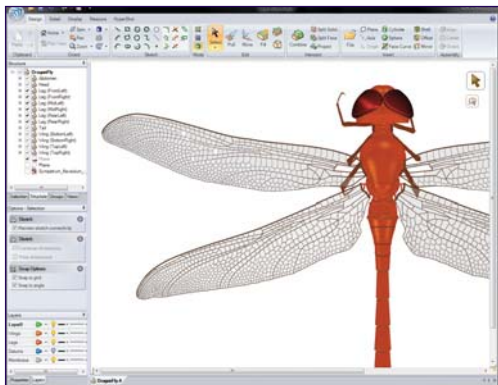
SpaceClaim offers the right tools for industrial designers to design the way they think.

DIRECT 3D SOLID MODELING FOR FAST INDUSTRIAL DESIGN

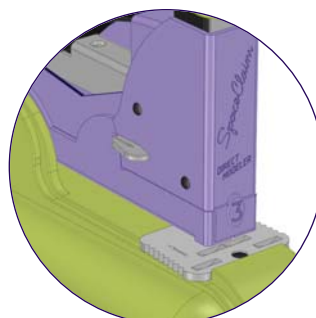
- > Pull, Move, Fill, and Combine tools enable hands-on 3D design
- > Solid modeling enables quick product concept ideation
- > Direct modeling delivers the freedom of surface modeling without the complexity of traditional feature-based CAD

RICH ENVIRONMENT FOR ENGINEERING

- > 2D layout lets you create shaded and hidden line drawings for design presentation
- > Quick and easy layer and color control lets you organize your data
- > Advanced assembly management helps you define product structure



SpaceClaim's **Pull, Move, Fill, and Combine** tools stimulate free thinking to help you explore your limitless imagination.



3D Direct Modeling with solids in SpaceClaim is the fastest way to build new design concepts.

DRAW IN 3D

Fast drawing tools let you create 3D shapes without having to issue separate Extrude, Rotate, and Sweep commands. Get your idea down immediately in cross sections and merge 3D concepts later. Directly draw 3D on top of scanned hand drawings, capturing ideas faster than you can imagine.

WORK WITH WHAT YOU HAVE

Read 2D drawings and images, 3D meshes, surfaces from ID tools, and solids from any CAD system. Merge it all, bind it together, and remix it into something new. Make it your own.

EDIT INSTEAD OF REDO

Direct modeling lets you edit your designs as you see fit. Move a feature without being forced to delete and recreate it. No more fussy exploding and re-trimming just to make a simple change.

OWN YOUR EDGE TREATMENTS

Create rounds and chamfers by simply pulling on an edge. Watch them re-blend as you tweak and modify your design. Change their size anytime.

MAKE IT BEAUTIFUL

Lay out your design in formats that can be easily shared and render in magnificent, anti-aliased, shaded, and hidden line views. With SpaceClaim, you can explode the assembly and add a bill of materials to embellish its tangible realism. Finally, render your design with different colors and materials in record time.

SpaceClaim lets you work with your design the way you always dreamed.

SYSTEM REQUIREMENTS:

Operating Systems: Microsoft Windows XP with Service Pack 2; Microsoft Windows Vista
Video Card: Requires Full Direct X 9c, February 2007 edition or greater; hardware support, 64MB of graphics memory or higher; Shader 2.0 hardware support, 32 bits per pixel, 1024x768 minimum resolution; latest graphics driver
CPU: Pentium 4 2.0 GHZ or Athlon 2000+ or faster; 32-bit (x86) or 64-bit (x64) processor
RAM: Minimum: 512MB RAM (32-bit); 1Gb RAM (64-bit)

FITS INTO YOUR EXISTING DESIGN PROCESS

- > Work with popular common formats: ACIS, STEP, IGES, Rhinoceros, CGR, DWG, DXF, STL, OBJ, XAML, VRML, and 3D PDF (requires Adobe Acrobat 9 Pro Extended)
- > Includes a plug-in for direct integration with Rhino
- > Reuse existing surface and CAD data and create accurate solids for later use in CAD
- > Optional Bunkspeed HyperShot for precise photorealistic rendering

"With SpaceClaim I edit the model directly, as I choose, experimenting freely and getting better designs much more rapidly than ever before. SpaceClaim is the way I'll be designing the majority of my parts in the future."

— Geoff Wheeler, Managing Director, Oak Designs



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