

All companies struggle to manage their engineering data

CAD files are typically dispersed across an organization or buried in a document management system. Different versions of parts are often mixed together, and finding the desired file becomes a time consuming process. Rather than suffer through a laborious search, the engineer will design another part from scratch. *This is incredibly expensive.* Other use cases include manufacturing, warehousing, inventory, purchasing, management, sales, and supply chain management. CADseek is also an intuitive front end to a PLM system.

CADseek is the Google of CAD

CADseek uses a geometric shape-based search algorithm to find and compare parts and assemblies for varying degrees of similarity. It performs a search to find identical and similar parts, mating parts, assemblies, castings, or forgings.

The Visual Navigator

CADseek provides a complete visualization of a universe of company and supplier CAD files. These files are grouped by similarity and displayed as part families, which vary in number depending on how many are similar. Another module presents 3D information of the Visual Navigator in 2D thumbnails as a Digital Catalog. Thanks to the CADseek encoding algorithm, all of this is accomplished without human intervention. CADseek is the first technology on earth to create a fully-automated, self-ordering CAD library for any company.

CADseek supports all 3D CAD formats

Pro/Engineer, SolidWorks, Inventor and others. CAD files can be stored anywhere within the company network or internet including a file system directory, SharePoint, Windchill, Matrix, Team Center, a URL or a document management system.

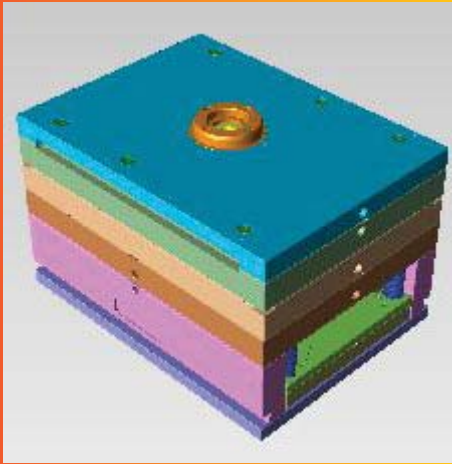
Simple to use

The CADSeek search engine is simple to comprehend and use. Its straightforward design gives users confidence in their ability to use the software after only a short demonstration.

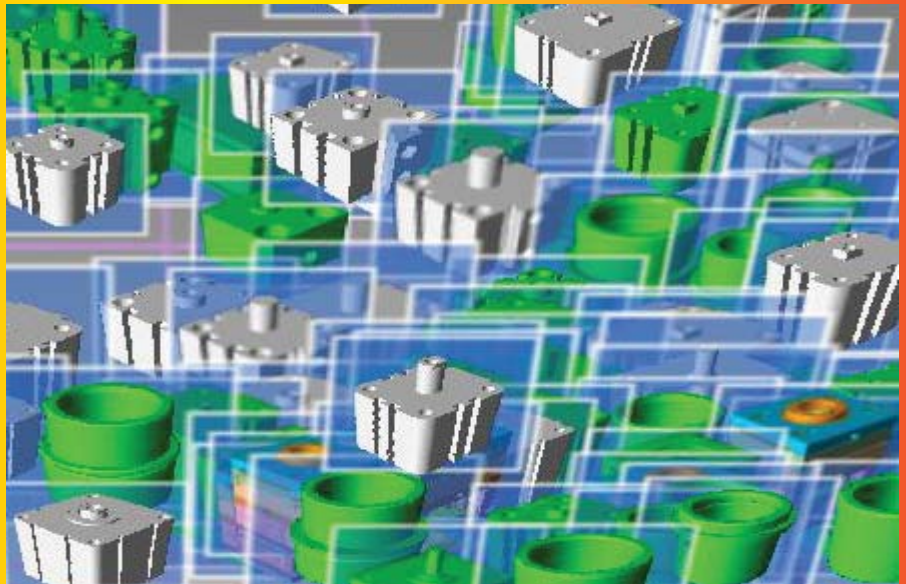
There are many ways to search your CAD files with CADseek

- Use the *Visual Navigator* to scan (zoom over) the database universe to pick a CAD family of files.
- Through a simple drop-down menu to select a file to be used as the search parameter.
- Enter any textual metadata associated with the CAD part or assembly.
- Use a CAD program to make a rough sketch of a part. The CADSeek system then compares the geometry of the sketch design to that of the CAD files in the company's databases.
- Scan the Digital Parts Catalog and search by shape and/or metadata characteristics.

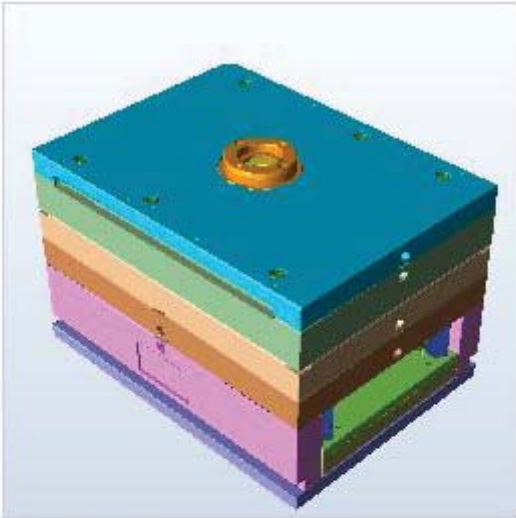
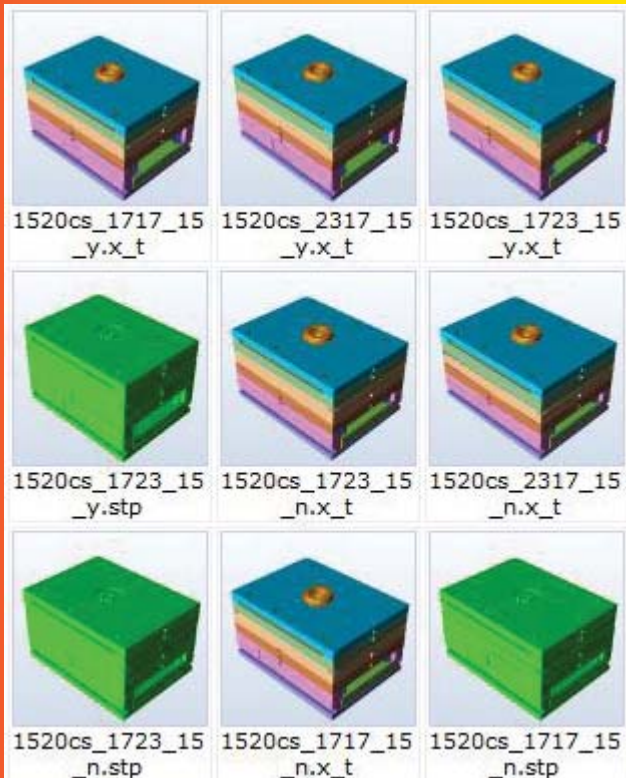
The Visual Navigator



Distribution of 16 parts
16 @ 95-100%



Search Results



2

Name:	http://www.omnimold.com/omni/file_ftp/x_t/1520cs_2317_15_y.x_t
Dataset:	www_demo
Domain:	www.omnimold.com
FileName:	1520cs_2317_15_y.x_t
FilePath:	http://www.omnimold.com/omni/file_ftp/x_t