

Chapter 1 : DesignCAD 3D Max Reviews - Why Stars? (Apr) | ITQlick

DesignCAD includes DesignCAD (2D CAD software) and DesignCAD 3D MAX (Both 2D and 3D CAD software). We offer free assistance troubleshooting unexpected software errors or behavior to owners of version , , 25, 24, 23, and

This versatile tool presents extensive design features and 3D animation and graphics tools. The rating is based on 13 aggregated online reviews. Whether you are working on a university project or looking for modeling and designing help in a professional project, the software can be used in all cases. For professional projects, it is suitable for all business sizes. Like other CAD solutions, DesignCAD is also mainly deployed in such sectors as construction of roads and bridges, civil engineering projects, industrial designing and production home building etc. Customers of the software represent a diverse range of businesses and industries and are scattered all over the world. Like other solutions, it also follows the modular architecture. The modeling and design module of the software offers assembly modeling features of 2D drawing, parametric modeling, 3D solid modeling, advanced surfing, conceptual design, and direct modeling. In the animation and simulation features of the software, we can include assembly animation, 2D system analysis, photorealistic images, rendering, and structural validation. The software also offers two productivity features of command line and copy details. In the area specific module, we have electrical as well as architectural features. While there is only one electrical feature of 2D circuit design, architectural features are more varied and include construction modeling, landscaping tools, elevation, and building energy analysis. Graphics and drawings on the software are GPU-accelerated which allows you to zoom and rotate them at enhanced speeds. The software offers filters for popular CAD formats. You can use transparency and fogging in your 3D models for enhanced effect. You can create different layers of the same drawing in order to use specific layers for experimentation. Advanced surfacing features of draft analysis, freeform radiated surface, and thickness analysis are not offered by the software. For example, in the assembly modeling features, the software only offers 2D drawing and sheet metal design. There are no animation features on Qcad 2. Productivity features on both solutions are the same. The most important difference between the two is that DraftSight does not offer any sheet metal design and 2D modeling features. In the assembly modeling features, DraftSight does not offer 3D solid modeling, composite metal design, and conceptual design. DraftSight also does not have any simulation and animation features. However, documentation features on both solutions are similar. In the area specific module, DraftSight offers a single architecture feature of construction modeling. It also does not offer any electrical features.

Chapter 2 : Need Design CAD 2D Tutorial - RC Groups

DesignCAD 3D Max Release Notes August DesignCAD 3D Max includes the following improvements and fixes: New Features: RedSDK Mode is now available for 3D views on fully-supported graphics hardware.

Treeline Registered User Specifically written as a 2D Tutorial but applies to 3D for the most part , the cut and paste below is a small introductory part of a multi-section tutorial done some time ago that someone wrote for online participation. It was offered as PDF sections, but the part I pasted below is just a small portion on the first part where the commands are discussed. Also not terribly well written, probably so because it looks like it was intended for complete newbies. The commands that are listed below are not all those that your CAD software should be capable of but are the most important and frequently used commands in drawing and designing your aircraft. If you can understand and use these commands, you will have no trouble with other commands that will be used less often. You should refer to your software documentation for specific use of these commands and make an attempt to understand how they work. However, you do not have to become a CAD expert to begin a drawing. If you only become familiar with the following commands, you will easily learn as you proceed with your drawing. CAD is a sophisticated drawing tool, and I am going to try to get you through the slightly frustrating learning curve as quickly and painlessly as possible. These are the most basic commands of which you should become familiar. Your CAD software may use slightly different names for some of the commands and terms used in this manual because CAD programs differ from one another. You will find, however, that the function of the command is the same. It is important to understand the explanations of the functions of these commands. If you cannot find the exact command name within your software, you will be able to perform the function under whatever command name your software uses. Be sure to practice each of these commands until you become comfortable with them. SAVE - is the most important command of all. You are going to crash! To continue, you will have to re-boot your computer, restart the CAD program and open your drawing file again. There are two things that you should do in order for a crash to be no more than a minor inconvenience. First, use the SAVE command several times during each drawing session. When you crash, you will only lose what you did since your last SAVE. If you saved 10 minutes ago, you will have lost only 10 minutes worth of work. If you saved 3 hours ago, you will probably lose your temper. Second, at the end of each drawing session, either copy your drawing to a CD disk or save another copy of it on your hard drive by giving it another name. You should always have a backup of the drawing file with your most recent drawing information at all times. In the event of a major file corruption, you would then have another copy from which to continue. It is how you navigate around your drawing. This allows you to change views while you are in the middle of performing some other command without affecting the operation of that command. You will immediately be using VIEW when we begin our aircraft drawing. You may pick only one object or hundreds depending on the operation. These are what you will use to define the outline of almost everything you do. A LINE is always a straight line with a start point and an end point while a PLINE is typically a curved line that is made up of many segments that are connected to each other and form a line that is not usually straight. You will quickly learn when to use one or the other. This command simply makes an exact copy of a line and places it parallel an exact distance that you specify from the original line. Many of the components that you draw such as ribs, formers, balsa sheeting etc. This is the fastest, easiest and most accurate way to define and draw that thickness. For example, when you are completely finished with the right wing, MIRROR will make an exact duplicate of it except that it will be opposite. Another example is that you will draw only one side of the top view of the fuselage. You will then MIRROR that side to end up with a complete fuselage top view outline that is perfectly symmetrical from the left to the right side. You will discover that very few three-views from which you will draw your aircraft have been drawn exactly accurate from one side to the other. Your finished drawing, however, will be perfect! You will quickly come to understand when to use one or the other. TEXT - is the command used to add notes into the drawing. If you do not intend to sell your plans, you will still find TEXT to be a valuable command for making notes to yourself as reminders of where you left off or to maintain a train of thought concerning a particular area of design. This

is a very simple explanation for a simple command that will be used often throughout your drawing. Just read that sentence again real slow. It stops exactly at that entity to connect to, and form an intersection, with that entity. ARRAY - is more of a convenience than a necessity in drawing aircraft. One of the most useful purposes of this command is to verify clearances on moving parts. For example, after you have drawn the intended location for landing gear, you can use the ROTATE command to accurately place the gear leg and wheel in the retracted position. Then, when you draw other components that are near the retracted gear, you can easily verify that formers or other parts nearby are properly designed for clearance. You are asked to pick points on the two separate objects you wish to bring into perfect alignment with each other. ORTHO - is not a command that actually draws anything. Specifically, you will only be able to draw or move exactly up and down, or exactly left and right. All you have to understand at this point is that failure to use this command when directed in this workshop will result in serious and progressively amplified mistakes throughout the drawing. Perfectly vertical or perfectly horizontal positioning of key alignment marks from the very beginning of your drawing is absolutely critical. Oh, I just did a pun. Most of the entities e. You will get unpredictable results if your Object Snap setting does not agree with the way you intend to draw an entity. If you want to draw a line that should connect with the exact end of another line, Endpoint should be your Object Snap setting. If Object Snap had been set to Midpoint, you could pick the end of the line but your intended operation will act upon the exact middle of that line. Used correctly, Object Snap will be an invaluable time saver and will add greatly to the accuracy of your drawing. In the beginning , I will specify Object Snap settings if the preferred setting is not obvious. Note that it is possible to select more than one setting at the same time. Generally, you will find that ENDpoint and INTersection are going to be the most commonly used settings throughout the drawing. The concept of the command is simple. Imagine that you have several sheets of clear acetate the kind used with overhead projectors and that they are stacked one on top of the other. If one of the sheets underneath has an image on it, you can draw right over it on the top sheet and add additional detail to the drawing. Locking a layer allows the entities on that layer to be displayed but prevents any editing of the objects. If unsure where to use this command, follow the suggestions given throughout this manual. A good tip is to only dimension those distances necessary to build the model. Also remember that YOU will have drawn your own design. The obvious point to that is if you find you really did need an omitted dimension, you can just go back into the drawing and do it. I cannot emphasize enough how important it is to frequently verify key distances to avoid cumulative errors as you progress with your drawing. Using these commands is not difficult. It is important, however, that you understand the concept of these commands. BLOCK - is the command by which you define create an entity made up of many objects lines etc. For example, if you draw a triangle using the LINE command, it is still three individual lines even though it looks like a single object a triangle. You can use this entity in your drawing anyway you want, but you cannot edit the individual lines. You can also use these blocks in many different places without having to draw each one more than once. Last edited by Treeline; May 29, at

Chapter 3 : DesignCAD 3D MAX 24 free download tutorial [with crack] | CADxBIM

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Dimension Tools Groups, Blocks, Symbols and more! Precision 3D Modeling - Access a full range of powerful 3D modeling primitives, including box, sphere, hemisphere, pyramid, cylinder, cone and torus. Utilize Boolean operations, including solid add, solid subtract, and slice, to shape your 3D parts, now with a new option to limit solid Boolean operations to pre-selected entities only for greater control. Add materials to your model to create presentation ready designs. Render your 3D models with transparency, fogging, shading, and light effects for added impact. Shadow Tool - smooth the edges of rendered shadows Procedural Textures - add marble, wood, cement, grain, patch, perlin noise, brick, cells or wood extended textures to your designs. Image Fills - Use an image as a fill pattern. Each colorful, fully texture-mapped symbol can be modified to your exact specification. For example, if you just need to see the outline of a component, switch off other layers containing center lines, dimensions, etc. DesignCAD can also lock layers, so that they are visible but not editable, in order to prevent accidental changes to the locked layer. Some features of objects, such as color or linestyle, can also be controlled on a per-layer basis. Group Editor in Info Box - View the internal structure of a group and any subgroups, and simply reorganize contents without having to explode it. Group editing options include: Move highlighted group members or entire subgroups to a different layer. Remove individual objects or an entire subgroup from the topmost group Extract. Move objects between sub-groups of the topmost group Move To. Collapse an entire group hierarchy to a single-level group Unnested. The bit version can access the larger amounts of RAM that are usually available on bit systems, enabling you to create, edit, and render much larger drawings than you can with the bit version. RedSDK is available in wireframe mode as well as with shaded and hidden-line 3D views. BMP images, and Drawing Compare will perform a visual comparison of the two. Use it to compare a design and an As Built drawing to see where changes have been implemented. Print Scale Options - Select from a standard set of print scale options or create your own. SKP format for use with SketchUp versions 3. SKP format for use with SketchUp version 3. New Insert Manager Quickly review and manage all blocks, symbols, and image files referenced or embedded in a drawing. Access and edit block information more quickly and easily than ever before. Additional sort options include sort by Path, Index, and Embedded fields. Custom Properties are bits of text that are identified by a combination of a Key and a Name field. This is a means of adding "invisible" text information to a drawing or an object. The difference is particularly notable under Windows 7 if you have transparency enabled. A bit version is also available if required by your hardware. Windows RT technology for use on tablets is not supported. For a list of RedSDK supported cards and drivers, visit <http://www.designcad.com> Designcad has always been a great program at a great price. It has always done what AutoCad could do plus more. The only problem I have found is that it will sometimes lock up on large files, but saving often cures this. Thanks for keeping Designcad available and upgraded. A good old friend. It was nice to be back in this familiar environment. I have come to use Word and PowerPoint to make quick and easy diagrams. I wish I could combine the softer, friendlier look of these graphics with the precision and versatility of a program like DesignCAD.

Chapter 4 : DesignCAD 3D Max - Stručná příručka - Ing. Petr Falek - DesignCAD

New DesignCAD 3D MAX is a major upgrade from version and earlier that offers new and improved features for better performance, better usability on high-res monitors, greatly improved solid creation and editing, and superior file compatibility.

Chapter 5 : DesignCAD 3D Max Mini Retail Box Versatile 2D/3D CAD solution PC Windows 10, 8, 7, Vista

Video tutorial on DesignCAD 3D MAX 24 free download tutorial [with crack] to learn more about 3D Studio. 3D Studio is

DOWNLOAD PDF DESIGNCAD 3D MAX 24 MANUAL

a software or computer program used in computer-aided design, better known by its acronym CAD (Computer Aided Design).

Chapter 6 : Designcad tutorial | scotsfk

DesignCAD 3D Max lets you select between various predefined materials, configure the shade and light options, produce animated AVI files, perform commands only on the selected objects or the.

Chapter 7 : DesignCAD 3D Max - Free download and software reviews - CNET www.nxgvision.com

DesignCAD 3D MAX is an easy-to-use 2D/3D CAD software, perfect for beginners, but powerful to create high-quality designs, simple renders and animations. The latest release of this award-winning software supports AutoCAD drawing files, NURBS curves, 3D modeling engine improvements, new 3D display modes, and scaleable icons for high.