Introducing New TurboCAD Deluxe Version 18.

New! Blocks; new "Sync Block Attributes" button added to the Block Palette. At any time you can select any block(s) and press the Sync button to reset attributes in all block(s) instances.

Improved! Construction Lines; now use construction lines as cutting edge for Trim Tool. Plus the edit tool now works with Construction Lines and Rays allowing you to rotate and reposition.

The Split tool can now also be used on Construction Lines to create Rays.

New! Copy In Place Tool; works on all 2D and 3D objects.

Improved! Layers; these are more AutoCAD compatible, including having a new layers dialog based upon 'centre design'.

New! Ray Tool; providing a new ability to create Rays. Rays can be created from scratch or by using the Split tool on an existing Construction Liner.
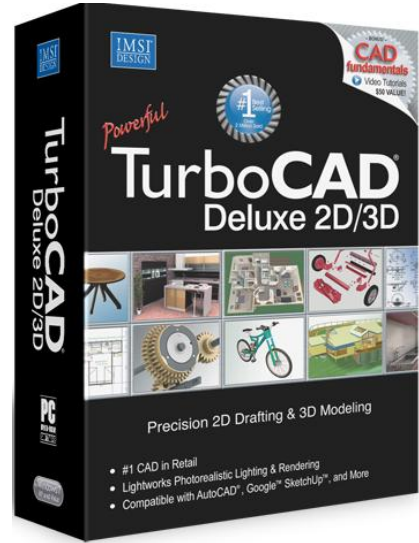
Improved! Fillet (2D) Tool; new ability to fillet bulges (polyline comprised of line and arc segment). Plus new ability of re-filleting previously filleted segments.

Improved! Stretch Tool; improved rubber-banding of objects. Improved visualisation for more precise control of stretched objects.

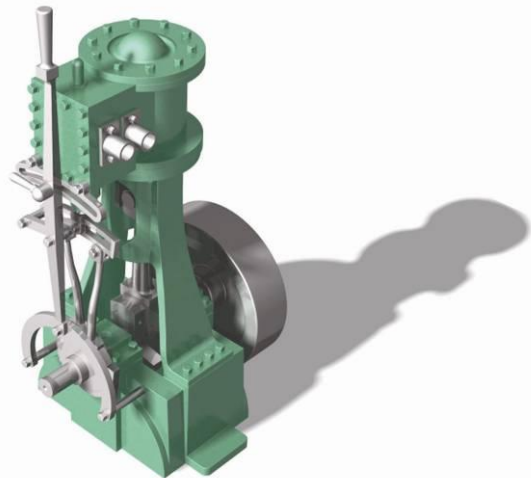**New! House Wizard**; a timesaving tool used to create a preliminary room-by-room design of a home.

Improved! Dimensions; dynamic dimensions are displayed when doors/windows are inserted (showing distance from door/window) to wall ends. Plus, corresponding fields are added to the inspectors bar.

Improved! DWG/DXF Filters; continued enhancements to 2010/2011 filters.

RRP: £81.70 incl. VAT.

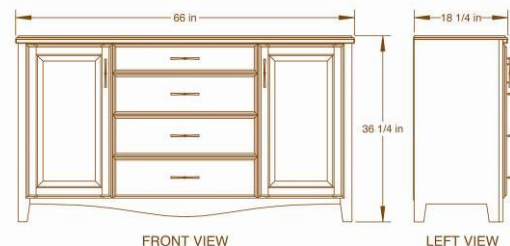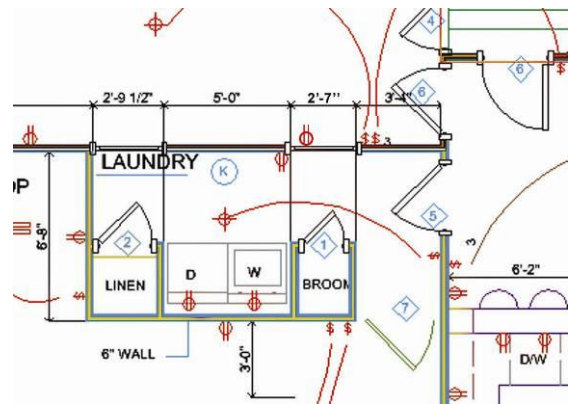Please contact your reseller for multiple – user licence pricing.

TurboCAD Deluxe is powerful and complete 2D/3D CAD software. Use the setup wizard, snaps and alignment aids to quickly layout your design. Choose from beginner, intermediate or advanced modes to access hundreds of drawing, modifying, dimensioning and annotation tools. Apply realistic materials and lighting effects to create stunning, photorealistic presentations, and explore design alternatives with the Design Director. Plus, extensive file interoperability, including support for AutoCAD® DWG/DXF and Google™ SketchUp, make it easy to share your work with others. It's everything you need to need to create presentation-ready home plans, technical drawings, mechanical designs, illustrations, school projects and more.

Complete Set Of 2D Drafting and 3D Modelling Tools

TurboCAD employs a large selection of line, arc, curve, spline tools, and other expected tools, so that no matter the situation you've got access to the right tool for the job. When used with TurboCAD snaps, modification tools, and drawing aids you will be able to quickly draft and document your designs. Below is only a small sample of the drawing, modifying, and dimensioning tools.

- ✓ **Drawing Tools** Arc, Bezier Curve, Circles, Command Line, Construction Lines, Double Line, Ellipse, Line, Multiline, Parallel Line, Perpendicular Line, Points, Polygon, Polyline, Revision Cloud, Spline Curve, Trim, Wall

- ✓ **Modelling Tools** Box, Cone, Cylinder, Sphere, Wedge, Prism, Doughnut, Extrude, Helix, Revolve, Sweep, Mesh, Booleans And Splines.

- ✓ **Editing/Modification Tools** Align, Array, Boolean operations, Chamfer, Distribute, Double Line Modify, Erase, Fillet, Join Polyline, Meet two lines, Mirror, Multi shrink/extend line, Offset, Rotate, Scale, Split, Stretch, Shrink/extend line, Transform, Trim

- ✓ **Dimension Types** Angular, Baseline, Continuous, Datum, Diameter, Incremental, Orthogonal, Parallel, Quick, Radial, Rotated, String, Smart

Usability and Interface
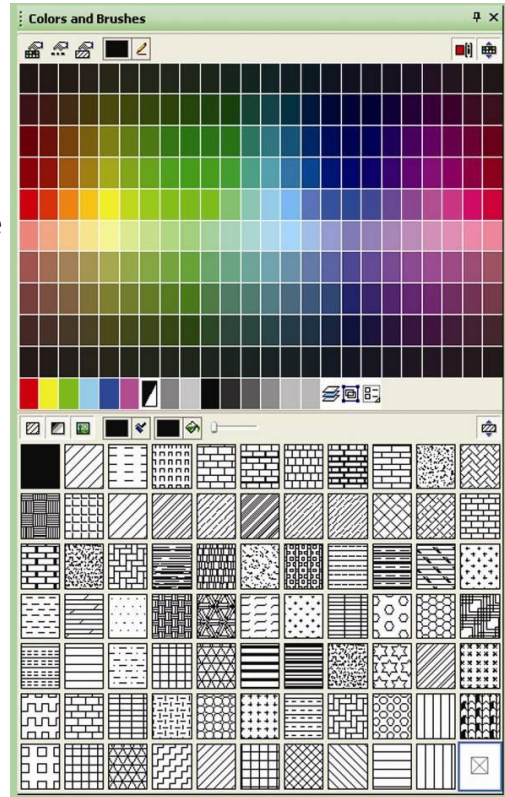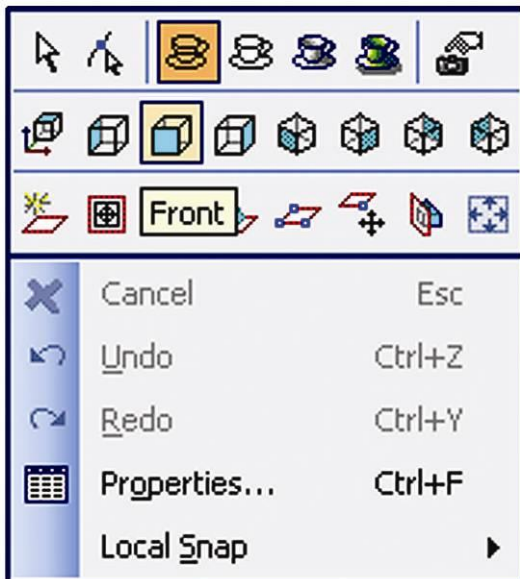
Context-Sensitive Help
Right-click to instantly access recently used tools, recently entered values, and a quick way to change or reset reference points. If a TurboCAD tool is active, the context menu provides a contextual toolbar as well, with additional similar tools and functions.

Flexible User Interface
Turn on and off only the tools you want to see as you work in a familiar, windows-like, customizable interface. Display TurboCAD's comprehensive set of 2D/3D design tools with full explanations in the beginner mode. Switch to intermediate or expert mode to gain screen space as you become more familiar with the program.

Page Set Up Wizard
Breeze through questions designed to help you define your drawing's size and orientation, units of measurement, printing scale and viewpoints

Advanced Handle-Based Editing
Save time and draw more accurately, more quickly. TurboCAD provides handles for scaling, but also for rotating, moving and aligning objects.

Snaps & Geometric Alignment Aids
Draw lines quickly and let snap tools automatically align them with the closest center point, end point, or dozens of points you choose. Geometric alignment aids improve snap indicators.

New Window or Crossing Selection
Users can now select objects with a mouse by using the Window or Crossing methods similar to AutoCAD®. Drag the mouse from left to right to invoke Window mode and select only objects that are entirely within the blue window. Drag the mouse from right to left to invoke Crossing mode and select only objects that touch the green Crossing window.

ARCHITECTURAL

TurboCAD Deluxe 18 includes practical tools tailored to architects, builders, and civil engineers. Design and showcase floor plans, decks, kitchens, bathrooms, room additions and more!

✓ **Intelligent Walls** Self-healing walls automatically join and intersect as you design in 2D or 3D. View wall dimensions with a single-click.

✓ **Automatic Wall Openings** "Slide" doors, windows, arches or any shape to create "openings" in walls with linked 2D and 3D views. Set vertical alignment properties for precise placement.

✓ **Parametric Doors & Windows** Window and Door dimensions can be scaled to meet your design needs. Further customise with materials and colours.

✓ **Hatch Patterns and Fills** Choose from over 70 hatch patterns (including colours) to visually identify various components of your drawing. Bitmaps, like your company logo, or gradient fills may also be used with transparency.

✓ **Fractional Dimensions** Display fractions in stacked, diagonal, or in-line layout to accommodate your personal preferences.

✓ **Point Marker Tool** Automatically number objects such as rooms, doors or windows. Great for creating legends, call outs, or simply mapping points and adding notes to your drawings.

Mechanical Features

TurboCAD Deluxe 18 offers innovative tools tailored to mechanical engineers and designers. Design everything from engines and mechanical parts, to circuit boards, patent drawings and more.

2D & 3D Boolean operations
Use two existing objects and combined, subtracted, intersected, or sliced to create a new object. Select multiple entities for addition or subtraction.

Revolve
Move a 2D object around a revolution axis to create a 3D object.

Extrude
Pull complex 3D models from simple 2D shapes.

Sweeps
Extrude shapes along a path, perfect for drafting irregular objects.

Chain Polyline
Chain Polyline allows for faster design by allowing you to connect intersecting objects or portions of objects into a single polyline which can be then extruded, revolved or swept.

Automatic, Editable Meshes
Easily create complex meshes by entering coordinate information or importing matrix data from Excel®, then view, edit and render.

Colour Transparency
Screen back the colour of an object in the foreground to display or emphasize hidden details in the background.

Visualisation

TurboCAD Deluxe includes powerful, easy-to-use rendering and visualisation technology by LightWorks. It allows users to define physically accurate materials such as glass, mirrors, and polished or reflective surfaces with ray tracing, so anyone can create stunning photorealistic designs. Now, new TurboCAD Deluxe 18 offers an updated Lightworks 8.3 engine that provides progressive, ray-traced rendering which improves workflow by generating fast estimates of the image and an early preview of light settings. This new engine also supports multi-threading, taking advantage of multi core processors so the turn around time for calculations is much faster. Anti-aliasing for geometry and materials is also improved.

Design Director

Organise, access, and explore design alternatives easily in the Design Director Palette. Create layer templates, light templates, camera templates and powerful layers for use on different designs. Layer filters, that are .dwg compatible, help you manage large, complex drawings with ease. TurboCAD Deluxe 18 layers are more AutoCAD compatible, including a new layers dialog based upon 'Design Centre'.

Floating and Shaped Viewports

Create viewports of Model space in multiple Paper spaces. Edit your viewports by changing their shape or the layers that they display. New version 18 provides the ability to turn on/off layers per viewport. You can even render within a viewport.

Multiple Drawings/Multiple Paper Space

Build multiple drawings, each with multiple paper spaces, with independent settings (grid units, etc.); then use tabs to quickly switch between paper spaces.

Materials Library

Choose from or create your own realistic material patterns, transparency, reflectance, and texture types and settings as well as multiple wrapping options to make designs look like they will in real life.

Realistic Lighting Effects

Multiple light types and settings cast hard and soft shadows and reflect accurately off reflective surfaces with ray tracing allowing you to create photorealistic designs. Fog and scattering mediums are also supported.

Incredible Compatibility

TurboCAD Deluxe 18 supports 28 industry-standard formats, including AutoCAD® and Google™ SketchUp™ making it an excellent companion product.

New Google™ SketchUp™ SKP Import/Export up to v8
Import detailed information from your SketchUp model into TurboCAD. Supplemental rendering, lighting and materials information is also imported. You can also convert your TurboCAD models into native SketchUp (.SKP) files for seamless import into Google SketchUp. Updates to this filter with TurboCAD Deluxe 18 allows users to now read/write Google SketchUp files up to version 8.

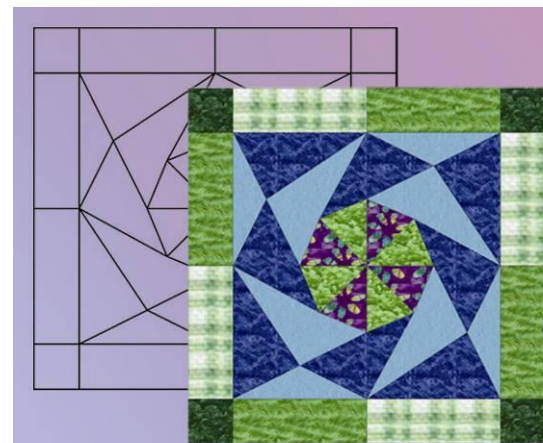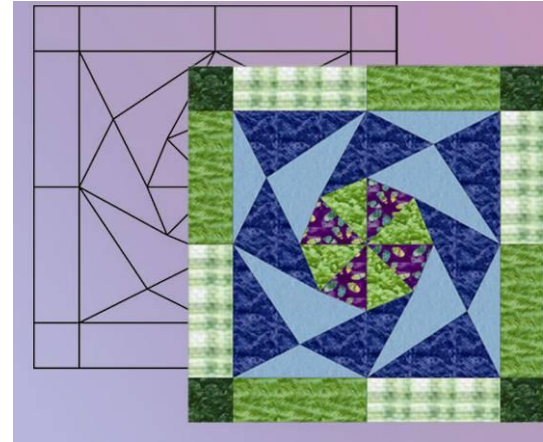**New AutoCAD® 2011 .DWG/.DXF Import/Export**
TurboCAD has always offered excellent compatibility with native AutoCAD and AutoCAD LT files. There is even the ability to export XREFs with DWG or DXF drawings offers even greater AutoCAD file compatibility. Filter enhancements with TurboCAD Deluxe 18 offers improved file sharing with AutoCAD 2010 and 2011.

Xref Manager
Manage external references (Xrefs) like a parts catalog in your TurboCAD drawing. Xrefs can also be exported with DWG or DXF drawings for greater AutoCAD® file compatibility.

PDF Publishing
Save your drawing as PDF documents for easy sharing. Plus, export paper spaces, customize your fonts and define your paper widths and height.

Company Information

IMSI/Design, LLC, is the global leader in retail CAD (Computer Aided Design). IMSI/Design products include the award-winning TurboCAD®, TurboFLOORPLAN™, TurboSketch™, and DesignCAD™ families of precision design applications.

Reviews

"Most CAD packages are extremely cost prohibitive…TurboCAD is undoubtedly the most powerful CAD program available in its price range"

"not only a remarkable business tool, but the software that I have come to know as my trusted business partner. TurboCAD's 3D capabilities are second to none."

"I have no experience of other CAD software due to the high costs and have never really found a need to look further…a priceless and indispensible creative tool for me and my business"

Minimum System Requirements:

Pentium IV Processor; Microsoft® Windows XP, Microsoft® Vista, Windows 7; 300 MB of free hard disk space depending on accessory applications installed, 64 MB of swap space; Super VGA (1024 x768) display; High Colour (16 bit) graphics card DVD-ROM drive; Adobe Reader v6 or higher. Recommended v7 or higher.