| TurboCAD 2015 New & Improved Features | | Platinum | Pro | Deluxe | Designer |
|---|---|:---:|:---:|:---:|:---:|
| **Productivity and Usability Enhancements** | | | | | |
| **New Conceptual Selector** | Manipulate and modify 3D objects like never before.  The totally flexible design of Conceptual Selector allows users to customize any visual and editing parameters available in the application (eg. Move, scale, or rotate). | ✔ | ✔ | ✔ | |
| **Improved Nudge** | The TurboCAD Nudge function now offers more efficient pick-up and placement of selected object(s) using the numbers pad. | ✔ | ✔ | ✔ | ✔ |
| **Improved Block/Group Editing** | While in block/group edit mode, users can now snap to objects outside the block or group. | ✔ | ✔ | ✔ | ✔ |
| **More Flexible UI** | User can now resize dialog boxes as needed for their design environment. Adjust the screen size, resolution, and more.    Works with the majority of dialog boxes including general property pages, multiline text, dimensions, program setup, and Drawing options pages. | ✔ | ✔ | ✔ | ✔ |
| **New Contact Manger & File Sharing** | Users now have the ability to create and maintain contact lists and send files to individuals or groups from within TurboCAD. | ✔ | ✔ | ✔ | ✔ |
| **Architectural / Simple BIM Tools** | | | | | |
| **New IFC Import** | Simple Building Information Modeling (BIM) is now more advanced with the ability to import intelligent Walls, Doors, Windows, Slabs and Roofs saved in the Industry Foundation Classes (IFC) format, the industry standard for BIM information. | ✔ | ✔ | | |
| **Improve Roof Angles** | TurboCAD now makes it easy to control the rise/run and/or degrees of a roof angle. | ✔ | ✔ | ✔ | |
| **New Slab Roof Object Types** | TurboCAD now allows users to make a roof slab object type.  With one slab, you can quickly create a flat roof, or use in conjunction with new roof angles, mitering, and edge cut tools to join several slabs together and create nearly any roof style. | ✔ | | | |
| **New Mitering of Roof Slabs** | Select two or more roof slabs and have them "meet" automatically. | ✔ | | | |
| **New Roof Edge Cut Orientation** | A new "Edge cut" roof property for roof slabs allows users to select different methods of roof building, either plumb or square. | ✔ | | | |
| **Improved Roof Modifier** | Now you can quickly create holes in roofs for chimney's, skylights, etc. and trim edges of roofs. | ✔ | | | |
| **Improved Drafting and Detailing** | | | | | |
| **Improved Format Painter Tool** | Use the Format Painter to transfer Custom Properties and Property Set Definitions (PSD) from one object to another.  This huge productivity improvement is also a crucial feature for extending BIM/IFC models. | ✔ | | | |
| **Improved Dimension Text** | Dimension Text can be set to Non-rotatable. With this property selected, dimension text will always face the user no matter the orientation of the drawing. | ✔ | ✔ | ✔ | ✔ |
| **Sorted Layers in Drop Down Lists** | The Layers in the drop down and simple lists are now sorted as per the Design Director.   If you change the control view order in Design Director the same ordering will be in all other Layer controls. | ✔ | ✔ | ✔ | ✔ |

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| **Improved Trim Tools** | New ability to trim hatched or closed objects and maintain the hatch or closure. | ✓ | ✓ | ✓ | ✓ |
| **New Dimension Units Format 'By Drawing'** | Users can now globally define dimension units at the drawing level. | ✓ | ✓ | ✓ | ✓ |
| **Improved Join Polylne Tool** | The Join Polyline Tool now works on Beziers and splines without converting them to a polyline, so that their original curve status is maintained. | ✓ | ✓ | ✓ | ✓ |
| **Mechanical/3D Modeling** | | | | | |
| **Improved Quick Pull** | The popular Quick Pull tool now offers multiple selection, so you can manipulate several co-planar faces simultaneously. You can also thicken ACIS surfaces with the Quick Pull tool, and dynamically switch between Quick Pull and Imprint modes. | ✓ | ✓ | | |
| **New Wire Wrapping** | Wrap a wire around a 3D solid for use as an extrusion or sweep path. | ✓ | ✓ | | |
| **Extract Surface from Faces** | When using the ACIS tool 'Create Surface from Faces' users can now retain the source object. | ✓ | ✓ | | |
| **Create Surface from Solid** | When using the 'Create Surface from Solids' tool, users can now retain the source object. | ✓ | ✓ | | |
| **Improved Smooth Surface Mesh Tools** | TurboCAD now offers a set of tools for editing a Smooth Surface Mesh (SMESH) as symmetrical model. | ✓ | | | |
| **Improved Drafting Object Breaks** | When a drafting object is too large to display fully, TurboCAD allows users to add a break gap to abbreviate the displayed object, adjusting the break line properties including type (straight, zig-zag, wave, or heartbeat), gap value, color, and extension length. New TurboCAD 2015 supports multiple breaks per drafting object. | ✓ | | | |
| **Improved Unbend Sheet Tool** | Now users can request to see the bend lines from the Unbend Sheet Tool. | ✓ | | | |
| **Rendering & Visualization** | | | | | |
| **Dynamic Cutaway Plane** | Cut away plane, for looking inside a 3D model, now works in draft mode, in mixed draft and wireframe, and in mixed draft and hidden line modes. | ✓ | | | |
| **Redsdk Improvement** | Redsdk updated to the 3.5.0.2 Engine. | ✓ | ✓ | ✓ | |
| **Redsdk Materials Improvement** | New Bump Displacement Shader in the RedSDK materials. | ✓ | ✓ | ✓ | |
| **New Image Visual Effects** | For any image that has been added to a TurboCAD drawing, you can now control the brightness, contrast, saturation, and transparency. | ✓ | ✓ | ✓ | ✓ |
| **Interoperability** | | | | | |
| **Improved DWG/DXF Read/Write Filters** | TurboCAD now uses the latest Teigha engine for the conversion of .dwg and .dxf files to/from different versions. Dynamic blocks are imported as simple blocks. | ✓ | ✓ | ✓ | ✓ |
| **New SketchUp SKP 2015 Support** | Import/export of SketchUp 2015 files is now supported. | ✓ | ✓ | ✓ | |