| TurboCAD porovnání verzí včetně nástrojů jiných CAD od výrobce | TurboCAD® | | | | BricsCAD Windows | | | AutoCAD [®] Windows | | ArchiCAD Windows |
|--|----------------------|----------------------|----------------------|---------------|------------------|--------|----------------------|------------------------------|----------------------------------|----------------------------------|
| | Pro Platinum 2018 | Expert 2018 | Deluxe 2018 | Designer 2018 | Platinum | Pro | Classic | 2018 | LT | |
| Suggested Retail Price | \$1 499,99 | \$499,99 | \$149,99 | \$49,99 | \$1110 | \$750 | \$590 | \$1,535.00/ year | \$380.00/ year |) /year including annual subscri |
| PRODUCT POSITIONING 2D/3D Drafting with Solid and Surface Modeling | √ | | | | 1 | √ | | V | | |
| 2D/3D with 3D Surface Modeling 2D Drafting with AutoCAD® like User Interface Option 2D Drafting | \ \ \ | <i>✓</i> | | | | | | | V | |
| USABILITY & INTERFACE 32 bit and 64 bit versions | , v | | | | | | | | | |
| Command Line PUBLISH command | ý. | V | | | | | | - | | |
| FLATSHOT command XEDGES command ADDSELECTED command | | | | | | | <i>✓</i> | | | |
| ADDSELECTED command SELECTSIMILAR command RESETBLOCK command | | | | | | | <i>✓</i> <i>✓</i> | | | |
| Design Director for object property management Draw Order by Layer | √ √ | \ \ | 1 | ~ | \checkmark | 1 | ~ | √ √ | \ \ \ | √ |
| Dynamic Input Cursor Conceptual Selector Explode Viewports | √ √ √ | 1 | ~ | | ~ | ~ | ~ | \checkmark | ✓ | √ √ √ |
| Explorer Palette Compass Rose | | <i>√</i> | √ √ | | ~ | ~ | | √ √ | \ \ | |
| Image Manager Intelligent Cursor | \ \ \ | ~ | ~ | | ~ | ~ | | \ \ \ | \ \ \ | √ √ |
| Intelligent File Send (E pack) Layer preview Layer Filters | \ \ \ | \ \ \ | 1 | | | | ✓ ✓ ✓ | | \ \ | ↓ ↓ |
| Layer Management (Layer States Manager) Deletion of \$Construction and \$Constraints layers | | × | 1 | ~ | V | ~ | ~ | <i>√</i> | 1 | √ √ |
| Measurement Tool Object SNAP Prioritization | √ √ | <i>✓</i> | <i>√</i> <i>√</i> | \ \ \ | ~ | ~ | ~ | √ √ | Distance Tool | √ √ √ |
| SNAP between two points Protractor Tool Flexible UI | | | | | | | ✓ ✓ | | 1 | |
| Walkthrough navigation Timestamp | ✓ ✓ ✓ | <i>v</i> <i>v</i> | - V - V | × | | 1 | ✓ ✓ ✓ | | 1 | √ √ √ |
| Transparent and Bit mapped Fills Contact Manager / File Sharing | <i>√</i> <i>√</i> | √ √ | 1 | 1 | 1 | 1 | ~ | 1 | 1 | J |
| View 3D Models Autosave File Buffer | \ \ \ | | 1 | \ | 1 | 1 | ~ | √ √ | <i>√</i> <i>√</i> | |
| Unitited Documents 2D DRAFTING AND EDITING | ✓ ✓ | ~ | 1 | <i>v</i> | ~ | 1 | ~ | ~ | √ | ✓ ✓ |
| 2D Geometric and Dimension Constraints Multilines and multiline styles | <i>\</i> <i>\</i> | 1 | 1 | 1 | 1 | 1 | ~ | √ √ | View/Edit only View/Edit only | √ |
| 2D Drawing, Editing and Modifying Advanced Drawing Tools (Gear, Surface Tolerance) Arrow Line | | | | ~ | | | ✓ ✓ | √ | | V |
| Auto Tools (for Scaling, Sizing, Positioning, Rotating, and Movement) Spline Curves / Bezier curves | | | - V - V | \ \ | · · | | - | | | √ |
| Centerline and Center Mark CTB Print Style Support | \ \ | √ √ | 1 | 1 | 1 | 1 | \checkmark | √ √ | √ √ | √ √ |
| Drawing Compare Drafting and Detailing Palette create associative sections and cut planes Gradient Fills | | | | 1 | <i>√</i> | | | | | |
| Index Color Support | <i>v</i> <i>v</i> | <i>v</i> | 1 | , , | ~ | ~ | ~ | | | |
| Line Style Editor Formulas in table cells | <i>\</i> <i>\</i> | 1 | | | 1 | 1 | ~ | \ \ | 1 | √ √ |
| PDF Underlay Tool Purge Tool Relative Angle Field | \ \ \ | <i>✓</i> | 1 | | 1 | ~ | ~ | √ √ | √ √ | √ |
| Kalavo Fugio Tak Smart and Quick Dimension Tools Xclip Support | | × | 1 | , | 1 | 1 | | √ √ | \ \ \ | |
| ISO Circle/Grid 2D Object option for 3D Polyline, 3D Curve | √ √ | <i>✓</i> | ~ | | | | | √ √ | | √ |
| Markup Support 3D DRAWING, MODELING, AND EDITING | | V (| (| | | | | | | √ |
| AutoCAD 2018 Teigha support ACIS Solid Modeling Assembly Tools | | √ √ | \ \ \ | | | | ~ | √ √ | Partial | √ |
| 3D Booleans Add, Subtract, Intersection, Slice Pattern Tools | | <i>√</i> | 1 | | 1 | | ~ | \checkmark | | Except Slice |
| 3D Helix 3D Patterns from Compund Profiles | √ √ | √ | ~ | | 1 | √ √ | | √ √ | | √ |
| 3D Polylines 3D Slice by Facet | \ \ | √ | \checkmark | | √ √ | √ √ | | √ √ | | √ |
| 3D Spline 3D Surface Primitives Box, Rotated Box, Cone, Cylinder, Polygonal Prism, Sphere, Hemisphere, Torus, | | √ √ | 1 | | 1 | 1 | | √ √ | | √ √ |
| Thread tool Bend by Sketch, Patch Stretch Entity | √ √ √ | | | | | | | | | ✓ ✓ |
| Extract Entity Extract Entity Extract (simple) | | | 1 | | | | | | | |
| Imprint Edge Law Tools Curve from Law; Surface with Laws; Offset with Law; Warp Entity by Law | √ √ | | | | ~ | ~ | | √ √ | | √ |
| Lofting to a Point Mirror Copy Tool for 3D Objects NUIRDES Support | ✓ ✓ | √ | ~ | | 1 | 1 | | 1 | | √ √ Is 601 |
| NURBS Support Part Tree/History Tree | V V | | | | | | | √ Press/Pull | | In GDL |
| Quick Pull Tool Rail Sweep | √ √ | ~ | ~ | | | | | Press/Pull Command | | √ |
| Revolve Sheet Metal Gusset, Solid Gusset (Stiffening Rib) | √ √ | 1 | 1 | | ~ | 1 | | \checkmark | | √ |
| Slot Tools Smooth Surface Meshes (SMESH) | √ √ | ✓ | V | | √ √ | | | √ √ | | √ |
| Tweak Face Twist Entity Firework Face Teacher Teacher | √ √ | | | | 1 | | | 1 | | 1 |
| Extrude Face Tools Twisted Extrude Unbend / Unfold Tools | | | | | √ √ | | | V | | ✓ |
| Unwrapping of Surfaces Dynamic UCS | <i>√</i> | <i></i> | ~ | | ~ | √ | ~ | ~ | | |
| Sheet Thicken Extents Size property | \ \ \ | | | 1 | 1 | 1 | | √ √ | | |
| QuickPull for Surfaces Trim by Entity tool 3D Point measure | | | | ✓ | 1 | 1 | ~ | | √ | |
| Isolate the objects tool Flatten Selection to Workplane | ✓ ✓ ✓ | | | | ~ | ~ | | ✓ ✓ ✓ | | √ |
| ARCHITECTURAL Walls (Self Healing; Straight, Curved; Block Insert) | √ | √ | 1 | ✓ | ~ | 1 | | | | √ |
| Rooms Doors | √ √ | √ √ | 1 | | 1 | | | | | √ √ |
| Markers Roofs | √ √ | √ √ | 1 | | 1 | √ √ | | | | √ √ |
| Slabs Quick Switch Wall Justification | \checkmark | √ √ | ~ | | 1 | | | | | √ √ |
| Stairs Windows Architectural Sections and Electricos | ✓ ✓ | <i>√</i> | ~ | | | | | | | √ √ Elevation Only |
| Architectural Sections and Elevations Entity Marks with Property Set Definitions House Builder Wizard | √ √ √ | | / | | | 1 | | | | ∠ievation Unly √ |
| House Suitider Witzand Roof Slab Openings Roof Slab Tirm and Miter tools | | | | | | J J | | | | √ |
| Koof Siab Trim and Mitter tools Extrude Face Tools | √ √ | v | | | √ | v | | \checkmark | | √ |

| Schedule Tool and Wizard | √ | ~ | Image: A set of the set of the | | 1 | | | | | \checkmark |
|---|--|---|---|---------------|--------------|--|---------|----------------------------|--|---|
| Self Aligning Blocks | \checkmark | \checkmark | \checkmark | \checkmark | 1 | ~ | | | | |
| Dynamic preview for Slab style | Image: A second s | | | | 1 | | | | | |
| Improved BIM via IFC Support | \checkmark | Limited | Limited | | 1 | | | | | \checkmark |
| Stair by Linework | ✓ | | | | | | | | | √ |
| Terrain Data (XYZ) File Import and Export Support | ✓ | ~ | | | | | | ~ | | √ |
| Style Manager | 1 | Limited | Limited | | 1 | 1 | | 1 | | 1 |
| PHOTOREALISTING RENDERING AND VISUALIZATION | | | | | | | | | | |
| 3D Photorealistic Rendering | 1 | 1 | | | 1 | 1 | | | | 1 |
| | | | | | | | | | 1 | × . |
| Customizable Luminances and Material Libraries | V | ~ | 1 | | 1 | √ | | | V | √ |
| Advance Rendering | ✓ | | | | \checkmark | \checkmark | | \checkmark | | ✓ |
| New post processing effects | \checkmark | | | | | | | \checkmark | | |
| Visual Styles | √ | √ | √ | | 1 | 1 | Partial | \checkmark | | \checkmark |
| Environments Library | 1 | 1 | 1 | | | | | 1 | | 1 |
| Luminance of Objects, Anti aliasing | V | 1 | 1 | | 1 | 1 | | 1 | | 1 |
| Shadow Casting | 1 | 1 | 1 | | 1 | 1 | | | | |
| Hidden Line Rendering | × / | · · | · · | | · · · | · · · | | | | ~ |
| Ray Tracing | V V | · · · | , , , , , , , , , , , , , , , , , , , | | 1 | v | | | | |
| Sun Position | ý l | × | × | | 1 | | | | | |
| | | | | | | | | | | V |
| Render Manager | 1 | ~ | 1 | | 1 | | | V | | |
| UV Mapping now includes SMESH Objects | V V | + | | | 1 | | | 1 | | v (|
| Dynamic Cutaway Plane Sketch Rendering (non photo realistic) | | + | | | V | | | | | |
| Sketch Rendering (non photo realistic) Geo located Sun | × / | | | | | | | V | | × / |
| DATABASE AND PROGRAMMATIC SUPPORT; CONTENT | V | 1 | | | v | | | v | | V |
| | 1 | | | | | , | | , | / | |
| Block attribute definition manager | | × , | × , | | 1 | V | ~ | | V | |
| Block attribute redefinition | V | × , | ~ | Verf a | 1 | V | ~ | V | ~ | |
| Blocks, Block Editor and Xref Support | 1 | V Only lates | ~ | Xref excluded | 1 | V | V | Onto Estamo | V | / |
| Internal Database and Custom Data; External Database Connectivity | | Only Internal | | | | | | Only External | | / |
| Database Report | × . | × | | | 1 | 1 | | V | / | V |
| Paramtric Parts Editor | | | | | 1 | ✓ | ~ | | V | × |
| Programmable SDK Symbols, Part Library | V V | | | / | 1 | 1 | 1 | V | | 1 |
| NET | × | × / | × | × | × / | × / | V | | | V |
| | 1 | × · | ~ | | | | 1 | | 1 | |
| Table Styles with Property Set Definitions INTEROPERABILITY | v | V | | | v v | v | V | v | V | |
| | 1 | .U3D only | | | 1 | 1 | 1 | | | 1 |
| Adobe 3D PDF (.U3D and .PRC) Export CTB / STB table files | × | .03D Only | / | | × (| ~ | V / | | V | V |
| AutoCAD (DXF, DWG, and DWF) File Compatibility | v V | V | × / | | 1 | × | ~ | ~ | V | / |
| DAE import/export | v V | ~ | Export Only | v | 1 | × | ~ | v | V | ý |
| Export to SVG | | | Export Only | | | | V . | | | × · |
| | | | | | | | | | | |
| | 1 | ./ | ./ | ./ | | | | ./ | | ./ |
| 2D Vector PDF Import Filter | , , | ✓ ✓ | √ 21 | 15 | | 11 | 0 | 10 | 10 | √ 21 |
| 2D Vector PDF Import Filter Import / Open File Formats | √ √ | \ \ \ | 21 | √ 15 | | 11 | 8 | √ 19 | 12 | √ 31 |
| 2D Vector PDF Import Filler Import / Open File Formats Export, Save As, and Publish File Formats | | | | √ 15 16 | | 11 8 | 8 ✓ | √ 19 11 | 12 9 | √ 31 49 |
| 2D Vector PDF Import Filter import / Open File Formats Export, Save As, and Publish File Formats Enhanced StachUp File (SKP) Import geometry, views, materials, components | | | 21 | | | | 8 | | | 49 ✓ |
| 20 Vector PDF Import Filter Import / Open File Formats Explort, Save As, and Publish File Formats Enhanced SketchUp File (SKP) Import geometry, views, materials, components File Conversion Tool with Sakch File Conversion | | | 21 | | | | 8 | 11 | | 49 √ √ |
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