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TurboCAD v17 New and Improved Features

| Feature | Description | New, Improved | Pro Basic | Pro Platinum | Deluxe | Designer |
|----------------------------|--|---------------|-----------|--------------|--------|----------|
| Drafting/Detailing: | | | | | | |
| Blocks and Groups | In-place editing of blocks and groups. Now can edit and customize individual Blocks, | Improved | ✓ | ✓ | ✓ | ✓ |
| CTB Print Style Support | Color Table (CTB) support added to existing support of Style Table (STD) print styles. | New | ✓ | ✓ | ✓ | ✓ |
| Drafting Palette | Ability to lock/unlock all or part of entity being drafted (sectioned); new caching algorithm greatly improves the speed of redrawing the sectioned view. | Improved | ✓ | ✓ | | |
| Index Color Support | Index Colors added to support of True Colors. Includes proper round-tripping of DWG files and the Color Dialog's Index colors match AutoCAD LT colors 1:1. | New | ✓ | ✓ | ✓ | ✓ |
| Layer Filters | Layer filters help organize layers by a defined set of parameters. All layers which meet the parameters define by the filter will be grouped in the lower panel of the Design Director | New | ✓ | ✓ | ✓ | ✓ |
| Layer Management | Addition of Line Style, Pen Width and Print Style parameters to Design Director and Drawing Setup. | Improved | ✓ | ✓ | ✓ | |
| Line Width Scaling | New value "Device width" for TC pen property "Line Width Scale System" was added | New | ✓ | ✓ | ✓ | ✓ |
| Meet 2 Lines tool | Bezier and Spline curves are now supported | Improved | ✓ | ✓ | ✓ | ✓ |
| Multilanguage support | It is now possible to input, edit and visualization objects name (Layers, blocks, styles, etc.) independent of the current local OS system settings. | New | ✓ | ✓ | ✓ | ✓ |
| Multi-Leader Dimension | New dimension type that allows for multiple arrows that point to lines of text . | New | ✓ | ✓ | | |
| Multi-Text, Text | Much easier to now get into edit mode as editing is turned on when either the MultiText or Text tools are enabled. Able to enter larger text strings without degradation of performance | Improved | ✓ | ✓ | ✓ | ✓ |
| Paper Space Templates | Ability insert and extract specific Paper Spaces from other TCT (TurboCAD templates), TCW and DWG files. Ability to define different printers and printer setting for each Paper Space in a drawing. | Improved | ✓ | ✓ | ✓ | ✓ |
| Pick-Point Hatching | Redesigned tool that streamlines the pick point hatch process. | Improved | ✓ | ✓ | ✓ | ✓ |
| Section Detail tool | Enables closed 2D entities (circles, polygons, polylines) to act as a cutting contour with other intersecting 2D objects | New | ✓ | ✓ | ✓ | |
| Shrink/Extend tool | Bezier and NURBs curves are now supported | Improved | ✓ | ✓ | ✓ | ✓ |
| Templates | Improved Architectural and Metric templates. | Improved | ✓ | ✓ | ✓ | ✓ |
| Viewport Explode | Viewports may be exploded to create flat 2D geometry, including hidden line views. Ability to ad, delete or hatch elements. | Improved | ✓ | ✓ | | |
| XClip | Added xClip functionality which is comparable to AutoCAD® xClip command | New | ✓ | ✓ | | |
| Xref Binding | External drawing can be bound to the main drawing. Bound Xrefs may be exploded. Xref layer properties can be changed in the main drawing. | Improved | ✓ | ✓ | ✓ | |
| 3D Modeling: | | | | | | |
| ACIS® v20 | Updated Solid Modeling engine - improved performance, improved performance with InterOp filters (STEP and IGES), improve projection functionality. | Improved | ✓ | ✓ | | |
| Rail Sweep | Option to use Compound Path has been added. Also, new option of "Vertical Profile Orientation", which controls the profile orientation relative to the path. | Improved | ✓ | ✓ | | |
| Revolve Tool | Option to use Compound Profile that contains holes, has been added | Improved | ✓ | ✓ | | |
| Surface Measurement | New option to perform measurements of surface areas and volumes of 3D Surface Objects | New | ✓ | ✓ | | |

