

| | GstarCAD 2020 | | progeCAD 2020 |
|--|---------------|-----|-------------------|
| Files | Pro | Std | Pro |
| 32-bit / 64-bit Support | ✓ | ✓ | ✓ |
| .dwg and .dxf for AutoCAD version 2.5 to latest | ✓ | ✓ | ✓ |
| .pat,.shx,.lin and etc | ✓ | ✓ | ✓ |
| Password Protection | ✓ | ✓ | |
| File Recover and Audit | ✓ | ✓ | ✓ |
| Purge | ✓ | ✓ | ✓ |
| Etransmit | ✓ | ✓ | ✓ |
| Sheet Set manager | ✓ | ✓ | |
| CAD Standard .dws | ✓ | ✓ | |
| Convert PDF to DWG | ✓ | ✓ | ✓ |
| Xrefs in-place Editing(REFEDIT) | ✓ | ✓ | ✓ |
| DWF Underlay | ✓ | ✓ | ✓ |
| PDF Underlay | ✓ | ✓ | ✓ |
| DGN Import and Underlay | ✓ | ✓ | ✓ |
| DWG Convert | ✓ | ✓ | ✓ |
| Import to WMF | ✓ | ✓ | |
| Plot and Publish to PDF | ✓ | ✓ | ✓ |
| Publish to DWF 2D & 3D | ✓ | ✓ | ✓ |
| ESRI file Import | | | ✓ |
| Collaboration | ✓ | ✓ | |
| IFC format (Import&Export) | ✓ | ✓ | Only IMPORT IFC |
| PDF Import and Export | ✓ | ✓ | Only EXPORTPDF |
| Interface | Pro | Std | Pro |
| Quick Properties | ✓ | ✓ | |
| Hidden Message Settings | ✓ | ✓ | |
| WorkSpace command | ✓ | ✓ | |
| Color Schemes | ✓ | ✓ | |
| CUI Menus and Toolbars | ✓ | ✓ | ✓ |
| CUI Import & Export | ✓ | ✓ | |
| Drag and Drop Customization | ✓ | ✓ | |
| Visual Menu Customization | ✓ | ✓ | |
| Ribbon / Classic | ✓ | ✓ | ✓ |
| Properties Palettes | ✓ | ✓ | ✓ |
| Design Center / Tool Palettes | ✓ | ✓ | Only TOOLPALETTES |
| Xref Palette | ✓ | ✓ | XREF Dialogbox |
| Command Line | ✓ | ✓ | ✓ |
| Workspace command | ✓ | ✓ | ✓ |
| Clean Screen | ✓ | ✓ | |
| New Dynamic Input | ✓ | ✓ | |
| Menu bar | ✓ | ✓ | ✓ |
| File Tab | ✓ | ✓ | ✓ |
| Selection, Snap & Track | Pro | Std | Pro |
| SELECTIONCYCLING | ✓ | ✓ | |
| Right-Click + Drag Method | ✓ | ✓ | |
| Selection Preview | ✓ | ✓ | ✓ |
| Quick Select | ✓ | ✓ | ✓ |
| Select Similar | ✓ | ✓ | ✓ |
| Xtra Grips for Pline & Hatch Objects | ✓ | ✓ | ✓ |
| Osnap | ✓ | ✓ | ✓ |
| Grid and Snap | ✓ | ✓ | ✓ |
| Polar & OTrack | ✓ | ✓ | ✓ |
| Distance from Endpoint and Divide Segments options | ✓ | ✓ | |
| Group | ✓ | ✓ | ✓ complex |

| | | | |
|--|------------|------------|--------------|
| ADDSELECTED command | ✓ | ✓ | ✓ |
| Multiple command | ✓ | ✓ | ✓ |
| Dimensions | Pro | Std | Pro |
| Standard Dimensions | ✓ | ✓ | ✓ |
| Associative Dimension | ✓ | ✓ | ✓ |
| Quick Dimension | ✓ | ✓ | ✓ |
| Qleader | ✓ | ✓ | ✓ |
| Dimension Break | ✓ | ✓ | ✓ |
| Multileaders | ✓ | ✓ | ✓ |
| Text | Pro | Std | Pro |
| Text Align / Text Match | ✓ | ✓ | |
| Change Text | ✓ | ✓ | |
| Mtext | ✓ | ✓ | ✓ |
| Text | ✓ | ✓ | ✓ |
| Adjust Character | ✓ | ✓ | ✓ |
| In-place Text Editor | ✓ | ✓ | ✓ |
| Mtext Editor | ✓ | ✓ | ✓ |
| Support .shx and .ttf font | ✓ | ✓ | ✓ |
| Spelling | ✓ | ✓ | ✓ |
| Check spelling in Mtext | ✓ | ✓ | |
| Fields | ✓ | ✓ | ✓ |
| Revcloud | ✓ | ✓ | ✓ |
| Wipeout | ✓ | ✓ | Partially |
| Rtext / Arc Text | ✓ | ✓ | Only ARCTEXT |
| Text Incremental Copy | ✓ | ✓ | |
| Text on line | ✓ | ✓ | |
| Statistics Summation | ✓ | ✓ | |
| Layers | Pro | Std | Pro |
| Auto Layer | ✓ | ✓ | |
| Change to ByLayer (SETBYLAYER) | ✓ | ✓ | ✓ |
| Layer Properties Manager | ✓ | ✓ | ✓ |
| Layer States Manager | ✓ | ✓ | ✓ |
| Layer Translator | ✓ | ✓ | |
| Layer Walk | ✓ | ✓ | ✓ |
| Layer Previous | ✓ | ✓ | ✓ |
| Layer Isolate | ✓ | ✓ | ✓ |
| Layer Unisolate | ✓ | ✓ | ✓ |
| Layer Lock | ✓ | ✓ | ✓ |
| Layer Unlock | ✓ | ✓ | ✓ |
| Lock Other Layers | ✓ | ✓ | |
| Layer Freeze | ✓ | ✓ | ✓ |
| Freeze Other Layer | ✓ | ✓ | |
| Thaw All Layers | ✓ | ✓ | ✓ |
| Layer Off | ✓ | ✓ | ✓ |
| Off Other Layer | ✓ | ✓ | |
| Trun All Layers On | ✓ | ✓ | ✓ |
| Layer Merge | ✓ | ✓ | |
| Layer Delete | ✓ | ✓ | ✓ |
| Layer Match | ✓ | ✓ | ✓ |
| Hatch | Pro | Std | Pro |
| Gradient Hatches | ✓ | ✓ | ✓ |
| Gradient Hatches Color books | ✓ | ✓ | ✓ |
| Background and Color for Hatch Patterns | ✓ | ✓ | ✓ |
| Trim/Extend of/to Hatch Pattern Entities | ✓ | ✓ | ✓ |
| Superhatch | ✓ | ✓ | ✓ |

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|---|-------------------------------------|-------------------------------------|------------|
| Transparency for Hatch | ✓ | ✓ | ✓ |
| Raster images | Pro | Std | Pro |
| Raster Image Support (Clipping, Transparency, ...) | ✓ | ✓ | ✓ |
| Support Kinds of Image Files (bmp\jpg\png\tga\tif\gif\pcx\...) | Not support ECW and JPEG 2000 | Not support ECW and JPEG 2000 | ✓ |
| Express Tools | Pro | Std | Pro |
| Area Table | ✓ | ✓ | AREATEXT |
| Break Object | ✓ | ✓ | |
| Block Break | ✓ | ✓ | |
| Graphic Compare | ✓ | ✓ | |
| Batpurge | ✓ | ✓ | |
| Layout by Path | ✓ | ✓ | |
| Line2pl | ✓ | ✓ | |
| Sptpl | ✓ | ✓ | |
| GstarCAD Tools | ✓ | ✓ | |
| Plot tools | ✓ | ✓ | |
| Drawing Compare | ✓ | ✓ | |
| Delete Duplicate Objects (OVERKILL) | ✓ | ✓ | ✓ |
| Drawing Lock | ✓ | ✓ | |
| Others | Pro | Std | Pro |
| Make Shape | ✓ | ✓ | |
| Import Layout as Sheet | ✓ | ✓ | |
| Viewport Scale | ✓ | ✓ | |
| Attribute Increment (ATTINC) | ✓ | ✓ | |
| Define Layout Viewport from ModelSpace (M2LVPORT) | ✓ | ✓ | |
| Security | ✓ | ✓ | ✓ |
| Free Scale | ✓ | ✓ | |
| Hatch to Back | ✓ | ✓ | ✓ |
| Areasum | ✓ | ✓ | |
| Total Length | ✓ | ✓ | ✓ |
| Align Tool / Arrange Tool | ✓ | ✓ | |
| Reverse | ✓ | ✓ | |
| Synchronize Attributes (ATTSYNC) | ✓ | ✓ | |
| Clip | ✓ | ✓ | ✓ |
| Array Options | ✓ | ✓ | |
| Table | ✓ | ✓ | ✓ |
| Formulas in Table | ✓ | ✓ | ✓ |
| Symmetric Draw | ✓ | ✓ | |
| Outline Objects | ✓ | ✓ | |
| Invert Fillet | ✓ | ✓ | |
| Draw and Modify Commands | ✓ | ✓ | ✓ |
| Offset Multiple | ✓ | ✓ | |
| Helix | ✓ | ✓ | ✓ |
| Real Time Pan & Zoom | ✓ | ✓ | ✓ |
| Annotative Objects | ✓ | ✓ | ✓ |
| Object Scales | ✓ | ✓ | ✓ |
| Redraw and Regeneration | ✓ | ✓ | ✓ |
| Layout and Paper Space | ✓ | ✓ | ✓ |
| Layout Viewport settings dialog box | ✓ | ✓ | |
| Magnifier | ✓ | | |
| Barcode & QR Code | ✓ | ✓ | |
| Cloud Storage | ✓ | ✓ | |
| Non-rectangular Viewports | ✓ | ✓ | ✓ |
| Shortcut Customization (CUSTACC) | ✓ | ✓ | |

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|--|------------|------------|----------------------|
| Match Properties Across Drawings | ✓ | ✓ | |
| Multilines and Multiline Styles | ✓ | ✓ | ✓ |
| Block Create and Insert | ✓ | ✓ | ✓ |
| Block Attribute Definition | ✓ | ✓ | ✓ |
| Refedit | ✓ | ✓ | ✓ |
| Hyperlink | ✓ | ✓ | ✓ |
| Digitizer Integration | ✓ | ✓ | |
| Scale List | ✓ | ✓ | ✓ |
| Dynamic Block Create/Insert/View | ✓ | ✓ | Only Insert and view |
| Dynamic Block Editor (BEDIT) | ✓ | Partially | |
| Table Tools | ✓ | ✓ | |
| AutoXLSTable | ✓ | ✓ | |
| Pline Boolean | ✓ | ✓ | |
| 3D | Pro | Std | Pro |
| Section Plane | ✓ | | |
| Flatshot | ✓ | ✓ | ✓ |
| 3D Surfaces | ✓ | ✓ | ✓ |
| ACIS Modeling & Editing | ✓ | | ✓ |
| 3D Orbit | ✓ | ✓ | ✓ |
| Render | ✓ | | Download seperatedly |
| Visual Styles manager | ✓ | ✓ | |
| Solid editing | ✓ | | Partially |
| Solprof / Solview / Soldraw | ✓ | | Only Solprof |
| Printing | Pro | Std | Pro |
| CTB & STB Plot Style Files | ✓ | ✓ | ✓ |
| Plot Styles Table Editor | ✓ | ✓ | ✓ |
| Built-in Print Driver | ✓ | ✓ | ✓ |
| Import & Editing of Page Setups | ✓ | ✓ | ✓ |
| Publish | ✓ | ✓ | ✓ |
| Hide and Shade Plot | ✓ | ✓ | Partially |
| Batch Print | ✓ | ✓ | |
| Arrange Frame | ✓ | ✓ | |
| Licensing | Pro | Std | Pro |
| Stand-alone USB dongle | ✓ | ✓ | |
| Network USB dongle | ✓ | ✓ | |
| Stand-alone License(Flexnet) Perpetual | ✓ | ✓ | ✓ |
| Network License(Flexnet) Perpetual | ✓ | ✓ | ✓ |
| Online Register | ✓ | ✓ | ✓ |
| Subscription | ✓ | ✓ | |
| Free technical support | ✓ | ✓ | |

REMARKS

This table is for reference only

Empty space means functionally not supported

Table comparison updated at Dec 20th 2019