

GstarCAD 2020			DraftSight 2019SP2
Files	Pro	Std	Premium
32-bit / 64-bit Support	✓	✓	✓
.dwg and .dxf for AutoCAD version 2.5 to latest	✓	✓	✓
.pat,.shx,.lin and etc	✓	✓	✓
Password Protection	✓	✓	N
File Recover and Audit	✓	✓	✓
Purge	✓	✓	✓
Etransmit	✓	✓	N
Edrawing	N	N	Seperated software need to pay
Sheet Set Manager	✓	✓	N
CAD Standard .dws	✓	✓	✓
Xrefs in-place Editing	✓	✓	✓
DWF Underlay	✓	✓	N
PDF Underlay	✓	✓	✓
DGN File Formate Support	✓	✓	✓
DWG Convert	✓	✓	N
Import to WMF, SAT, 3DS	✓	✓	Only SAT
Export to DWG, DWF, DWFX, WMF, SAT, STL, EPS, DXX, BMP	✓	✓	Partially
Plot inner driver and plot manager	✓	✓	Not support plot manager
Plot and Publish to PDF	✓	✓	✓
Publish to DWF 2D & 3D	✓	✓	N
Collaboration	✓	✓	N
IFC Format	✓	✓	N
PDF Import and Export	✓	✓	Only EXPORTPDF
Interface	Pro	Std	Premium
Quick Properties	✓	✓	N
Hidden Message Settings	✓	✓	N
WorkSpace command	✓	✓	N
Color Scheme	✓ Support many	✓ Support many	N
CUI Menus and Toolbars	✓	✓	✓
CUI Import & Export	✓	✓	N
Drag and Drop Customization	✓	✓	Different method
Visual Menu Customization	✓	✓	N
Ribbon/Classic	✓	✓	✓
Properties Palettes	✓	✓	✓
Design Center / Tool Palettes	✓	✓	Supports DESIGNRESOURCES
Toolbox	GstarCAD Mechanical	GstarCAD Mechanical	Few mechanical tools
Xref Palette	✓	✓	✓
Command Line	✓	✓	✓
Work Spaces Switching	✓	✓	✓
Clean Screen	✓	✓	✓
New Dynamic Input	✓	✓	N
Menu bar	✓	✓	N
File Tab	✓	✓	✓
Selection, Snap & Track	Pro	Std	Premium
SELECTIONCYCLING	✓	✓	N
Right-Click + Drag Method	✓	✓	N
Selection Preview	✓	✓	N
Quick Select	✓	✓	SMARTSELECT
Select Similar	✓	✓	SELECTMATCHING
Xtra Grips for Hatch Objects	✓	✓	N
Osnap	✓	✓	✓
Grid and Snap	✓	✓	✓

Polar & OTrack	✓	✓	✓
Distance from Endpoint and Divide Segments options	✓	✓	N
Multifunctional Grips (Pline)	✓	✓	N
Group	✓	✓	✓
ADDSELECTED command	✓	✓	N
Multiple command	✓	✓	✓
Dimensions	Pro	Std	Premium
Standard Dimensions	✓	✓	✓
Associative Dimension	✓	✓	✓
Quick Dimension	✓	✓	smartdimension
Qleader	✓	✓	smartleader
Dimension Break	✓	✓	✓
Multileader	✓	✓	N
Multileader style manager	✓	✓	N
Text	Pro	Std	Premium
Text Align / Text Match	✓	✓	N
Change Text	✓	✓	N
Mtext	✓	✓	Note
Text	✓	✓	SIMPLENOTE
Multi-language Character Set	✓	✓	✓
In-place Text Editor	✓	✓	✓
Mtext Editor	✓	✓	✓
Support .shx and .ttf font	✓	✓	✓
Spelling	✓	✓	Support but not convenience
Check spelling in Mtext	✓	✓	N
Field	✓	✓	✓
Revcloud	✓	✓	Cloud command unable to edit
Wipeout	✓	✓	✓
Rtext / Arc text	✓	✓	Rtext no, CURVEDTEXT
Text Incremental Copy	✓	✓	N
Text on line	✓	✓	N
Layers	Pro	Std	Premium
Auto Layer	✓	✓	N
Change to ByLayer (SETBYLAYER)	✓	✓	✓
Layer Properties Manager	✓	✓	✓
Layer States Manager	✓	✓	✓
Layer Translator	✓	✓	N
Layer Walk	✓	✓	N
Layer Previous	✓	✓	✓
Layer Isolate	✓	✓	✓
Layer Unisolate	✓	✓	✓
Layer Lock	✓	✓	✓
Layer Unlock	✓	✓	✓
Lock Other Layers	✓	✓	N
Layer Freeze	✓	✓	✓
Freeze Other Layer	✓	✓	N
Thaw All Layers	✓	✓	✓
Layer Off	✓	✓	✓
Off Other Layer	✓	✓	N
Thun All Layers On	✓	✓	✓
Layer Merge	✓	✓	N
Layer Delete	✓	✓	✓
Layer Match	✓	✓	✓
Hatch	Pro	Std	Premium
Gradient Hatches	✓	✓	✓
Gradient Hatches Color books	✓	✓	N

Custom Patterns	✓	✓	Partially
Background and Color for Hatch Patterns	✓	✓	✓
Trim/Extend of/to Hatch Pattern Entities	✓	✓	✓
Superhatch	✓	✓	N
Transparency for Hatch	✓	✓	✓
trim/Extend/hatch preview	✓	✓	only hatch preview
Raster images	Pro	Std	Premium
Raster Image Support (Clipping, Transparency, ...)	✓	✓	IMAGE TRACER/IMAGECLIP
Support Kinds of Image Files	ECW and JPEG 2000 not supported	ECW and JPEG 2000 not supported	ECW and JPEG 2000 not supported
Express Tools	Pro	Std	Premium
Area Table	✓	✓	getarea
Break Object	✓	✓	N
Block Break	✓	✓	N
Graphic Compare	✓	✓	N
Text Align / Text Match	✓	✓	N
Change Text	✓	✓	N
Batpurge	✓	✓	N
Layout by Path	✓	✓	N
Express Tools	Pro	Std	Premium
Line2pl	✓	✓	N
Sptpl	✓	✓	N
GstarCAD Tools	✓	✓	N
Table Tools	✓	✓	N
Plot tools	✓	✓	N
Drawing Compare	✓	✓	DRAWCOMPARE
Delete Duplicate Objects (OVERKILL)	✓	✓	✓
Drawing Lock	✓	✓	N
Statistics Summation	✓	✓	N
Others	Pro	Std	Premium
Dataextraction	✓	✓	N
Make Shape	✓	✓	N
Import Layout as Sheet	✓	✓	N
Viewport Scale	✓	✓	N
Attribute Increment	✓	✓	N
Define Layout Viewport from ModelSpace (M2LVPORT)	✓	✓	N
Security	✓	✓	N
Free Scale	✓	✓	N
Hatch to Back	✓	✓	N
Reverse	✓	✓	N
Synchronize Attributes	✓	✓	UPDATEBLOCKATTRIBUTES
Clip command	✓	✓	N
Array Options	✓	✓	N
Align Tool / Arrange Tool	✓	✓	N
Areasum	✓	✓	N
Table	✓	✓	✓
Formulas in Table	✓	✓	✓
Symmetric Draw	✓	✓	N
Outline Objects	✓	✓	N
Invert Fillet	✓	✓	N
Draw and Modify Commands	✓	✓	Partially
Offset Multiple	✓	✓	N
Helix	✓	✓	✓
Real Time Pan & Zoom	✓	✓	✓
Annotative Objects	✓	✓	✓
Object Scales	✓	✓	ANNENTITYSCALE
Redraw and Regeneration	✓	✓	REFRESH, REBUILD

Layout and Paper Space	✓	✓	✓
Layout Viewport settings	✓	✓	N
Magnifier	✓	N	N
Others	Pro	Std	Premium
Barcode & QR Code	✓	✓	N
Cloud Storage	✓	✓	N
Non-rectangular Viewports	✓	✓	✓
Shortcut Customization	✓	✓	N
Match Properties Across Drawings	✓	✓	N
Multilines and Multiline Styles	✓	✓	RICHLINE
Block Create and Insert	✓	✓	✓
Block Attribute Definition	✓	✓	✓
Redefine Block	✓	✓	N
Refedit	✓	✓	EDITCOMPONENT
Hyperlink	✓	✓	✓
Digitizer Integration	✓	✓	N
Scale List	✓	✓	✓
Dynamic Block Create/ Insert/View	✓	✓	N
MEASUREGEOM (Sum area and Total Length)	✓	✓	N
Dynamic Block Editor (BEDIT)	✓	Partially	N
AutoXLSTable	✓	✓	N
Pline Boolean	✓	✓	N
3D	Pro	Std	Premium
3D Edition Grips	✓	N	✓
Section Plane	✓	N	N
Flatshot	✓	✓	N
3D Surfaces	✓	✓	✓
ACIS Modeling & Editing	✓	N	3D command
3D Orbit options	✓	✓	ROLLVIEW
Render	✓	N	ARENDER
Visual Styles	✓	✓	N
Solid Editing	✓	N	✓
Solprof / Solview / Soldraw	✓	N	N
Printing	Pro	Std	Premium
CTB & STB Plot Style Files	✓	✓	✓
Plot Styles Table Editor	✓	✓	✓
Built-in Print Driver	✓	✓	✓
Import & Editing of Page Setups	✓	✓	✓
Publish	✓	✓	N
Hide and Shade Plot	✓	✓	✓
Batch Print	✓	✓	BATCHPRINT
Arrange frame	✓	✓	N
Licensing	Pro	Std	Premium
Stand-alone USB dongle	✓	✓	N
Network USB dongle	✓	✓	N
Stand-alone License(Flexnet) Perpetual	✓	✓	N
Network License(Flexnet) Perpetual	✓	✓	N
Online Register	✓	✓	✓
Subscription	✓	✓	✓

REMARKS

This table is for reference only

N means functionally not supported

Table comparison updated at Dec 5th 2019