

Compare Info	ZWCAD		ZWCAD MFG	
Version	Standard	Professional	ZWCAD Pro + MFG Module	
Compatibility			Smart Annotation	
Compatible with DWG	✓	✓	Power Dimension	✓
Compatible with DWT, DXF, DWF, DWFx	✓	✓	Multiple Dimensions	✓
PDF & DGN Import	✓	✓	Detect dimension overlap and determine suitable distance	✓
Interface			Quickly design by using mechanical symbols	✓
Classic and Ribbon Interfaces			Intelligent Balloon and BOM	
Classic and Ribbon Interfaces	✓	✓	Easily generate balloons and BOM	✓
Customize User Interface (CUI)	✓	✓	Associative Balloon and BOM	✓
Dark / Light UI	✓	✓	Intelligent Drawing Environment	
Tool Palettes	✓	✓	Enterprise and international standards support	✓
Properties Palette	✓	✓	Layer management and layer mapping	✓
Dynamic Input	✓	✓	Multiple borders and adaptive scaling	✓
Auto-complete Command Entry	✓	✓	Super Edit	✓
Drawing Tab Switching	✓	✓	Mechanical Parts and Generator	
Adaptive Grid	✓	✓	Part Library	✓
Advanced Features			Shafts and Gears	✓
Flexiblock	✓	✓	Extended Drawing Tools for Manufacturing	
Sheet Set Manager	✓	✓	Construction lines	✓
Point Cloud		✓	Advanced Centerline	✓
ArcGIS		✓	Reusable detailing tools	✓
Quick Properties Panel	✓	✓	Draw Groove quickly and accurately	✓
File Compare	✓	✓	ZWCAD MFG Library ⓘ	
Quick Calculator	✓	✓	Advanced Part Library	✓
Match Property	✓	✓	Insert and edit own libraries	✓
Group	✓	✓		
Quick Select	✓	✓		
Multiline and Multiline Style	✓	✓		
Express Tools	✓	✓		
Data Extraction	✓	✓		
Barcode & QR Code	✓	✓		

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Innovations			
Smart Mouse	✓	✓	
Smart Voice	✓	✓	
Smart Select	✓	✓	
Smart Plot	✓	✓	
Annotation			
Leader & MLeader	✓	✓	
Associative Dimension	✓	✓	
Text and MText	✓	✓	
Annotative Object	✓	✓	
Revccloud	✓	✓	
Text In-place Editing	✓	✓	
Hatch / Gradient Hatch	✓	✓	
Super Hatch	✓	✓	
Tables & Table styles	✓	✓	
Field	✓	✓	
Layer			
Layer Properties Manager	✓	✓	
Layer Filter	✓	✓	
Layer State Manager	✓	✓	
Xref, Block & Attribute			
OLE	✓	✓	
Raster Images	✓	✓	
Underlay (DWG, DWF(x), PDF)	✓	✓	
Xrefs In-place Editing	✓	✓	
Multiple Blocks Inserting	✓	✓	
Block Attribute Manager	✓	✓	

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Output			
CTB & STB Plot Style	✓	✓	
Plot	✓	✓	
Publish	✓	✓	
Export	✓	✓	
eTransmit	✓	✓	
3D			
Solid, Surface, Mesh Modeling		✓	
Photorealistic Rendering		✓	
Visual Style	✓	✓	
3D Orbit	✓	✓	
ACIS Viewing	✓	✓	
IFC Import	✓	✓	
3D mouse	✓	✓	
Programming			
MNU, MNS and MNL Files Support	✓	✓	
ActiveX API	✓	✓	
LISP Support	✓	✓	
Visual Basic for Applications (VBA)		✓	
Runtime Eextension (ZRX/ARX)		✓	
.NET		✓	
Lisp Debugger	✓	✓	