



See how CorelCAD 2020 stacks up against the competition

The table below compares the professional, industry-standard features for 2D drafting and 3D design included in CorelCAD™ 2020 to the basic features offered in light CAD applications.

	CorelCAD 2020	Light CAD applications
File Support		
AutoCAD .DWG file format (latest version) support	ENHANCED	✓
Save .DWG file format natively	✓	✓
Legacy CAD file (AutoCAD R12 .DWG) support	✓	
DXF (Drawing Exchange File) support	✓	✓
STL File Import	✓	
Drawing web format (DWF) support	✓	
Recovery of corrupted drawings	✓	✓
Import CorelDRAW® (CDR) and Corel DESIGNER® (DES)	✓*	
Number of supported file formats - Import	12*/10	~5
User Interface		
Layer Palette	ENHANCED	(✓)
Quick Input	✓	✓
Head-up toolbar	✓	✓
Ribbon user interface (UI)	ENHANCED*	✓*
Classic menu and toolbars	ENHANCED	✓
Tool matrix	✓	
Properties palette (incl. 3D solid properties editing)	✓	(✓)
Design Resources docker	✓	✓
Right-click context menus	✓	✓*
Command auto-completion	✓	✓*
Search in Options dialog	✓	
Viewing and Selection tools		
Real-time Pan and Zoom	✓	✓
3D Mouse navigation	✓*	✓*
Object Snap (ESnap)	✓	✓
Object Tracking (ETTrack) / dynamic guides	✓	✓
Selection Highlighting	✓	(✓)
Select matching objects tool	✓	

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Drafting and Editing		
Lasso Selection	NEW	✓
Layer Preview tool	✓	
Line weights (display and print)	✓	✓
Exploding blocks instances while maintaining attributes (ExplodeBlockX)	✓	
Helix tool	✓	
Center mark and Centerline tools	✓	✓
Formulas in table cells	ENHANCED	
Drawing constraints (Parametric drawing tools)	ENHANCED	✓
QuickModify command (move, rotate, copy in one tool)	ENHANCED	
Offset tool	ENHANCED	✓
PowerTrim	✓	
Hatch, solid-color and gradient-fill editing	ENHANCED	✓
True Colors support	✓	✓
Multi-language character set	✓	✓
TrueType Fonts support	✓	✓
In-Place multiline text editing	✓	
Custom blocks	ENHANCED	
Dynamic blocks support (inserting and manipulating)	✓	✓
CAD drawing standards verification	✓	
Command History Log File	NEW	✓
Annotation		
Annotative scaling	✓	✓
Smart Dimensioning tool	ENHANCED	(✓)
Dimension palette (dynamic onscreen properties bar)	✓	
Split and Join Dimensions	✓	
Multi-Leaders (callouts combining multiple leader lines into one callout)	✓	
PDF Underlay	✓	✓
DGN (Microstation CAD file format) Underlay	✓	✓*
VoiceNotes	✓	
Revision clouds	✓	✓
3D viewing and design		
3D model viewing	✓	✓
Projected (Isometric) views	✓	
Dynamic Custom Coordinate Systems	✓	
3D surface commands	ENHANCED	
PolySolid drawing	✓	
3D solid modeling	ENHANCED	
PushPull 3D Object Modifier	ENHANCED	

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...3D viewing and design		
3D solid editing using on-screen EntityGrips and Properties palette	ENHANCED	
FilletEdges Rounding Option	✓	
ChamferEdges	✓	
Offset Edges (create 2D shapes from the boundaries of a 3D solid or surface)	NEW	
Layout tools		
Tables	ENHANCED	✓
External references	ENHANCED	✓
Images / References / Underlay rectangular and polygonal clipping	✓	✓
Masking Entities (Wipe out)	✓	✓
Non-rectangular viewports	✓	✓
Printing, Plotting, Layout Sheets		
Multiple Layout Sheet Tabs (Multiple Paper Spaces)	✓	✓
Color table (CTB) Style table (STB) support	✓	✓
Print Configuration Manager	✓	✓
Batch Print	✓	✓
Publishing/Output		
Export to CorelDRAW (.CDR) and Corel DESIGNER (.DES)	✓*	
Export to PDF (NEW: PDF with layers)	ENHANCED	✓
Export to SVG (Scalable Vector Graphics)	✓	
STL Export for 3D printing	✓	
Number of support file formats - Export	18*/16	5 to 10
Collaboration		
Data Extraction Wizard	NEW	(✓)
GIS file format support (ESRI Shape *.shp files)	✓	
3D Solid geometry exchange file format (*.sat) support	✓	
Export tables (CSV)	✓	
Customization		
Visual Menu and Toolbar Customization	✓	✓
Save Current Workspace	NEW	✓
User profiles management	✓	
CUI Menu, CUIX (AutoCAD Ribbon UI workspaces) files support	✓*	✓*
Programming/Automation		
LISP (including support for LISP commands from other CAD applications)	✓	
COM API	✓*	
Microsoft Visual Studio Tools for Applications (VSTA) support	✓*	
Plug-in Store (corelcadmarket.com)	✓	

	CorelCAD 2020	Light CAD applications
OS support		
Windows 10	✓	✓
Windows 8.1, Windows 7	✓	(✓)
Native 64-bit application	✓	✓
macOS (incl. macOS Catalina (10.15))	✓	✓
2D drafting on iOS mobile devices	✓**	
2D drafting on Android mobile devices	✓**	

- ✓ = Feature included
- * = Windows only
- (✓) = Limited availability/support
- ✓** = Separate purchase on App Store

