TurboCAD® Pro 20

TurboCAD® Pro 20 Feature Highlights

	TurboCAD®Pro Platinum	TurboCAD®Pro	AutoCAD®2013
SUGGESTED RETAIL PRICE	$1,695	$1,495	$4,195
USABILITY & INTERFACE			
64-Bit and 32-Bit Compatible Versions	✓	✓	✓
AutoCAD LT® Work-A-Like Mode	✓	✓	✓
Fully Customizable User Interface & Preferences	✓	✓	✓
Easy Handle-Based Editing	✓	✓	
Performance Enhanced via Integrated Redway3d Drawing engine	✓	✓	
Draw Order by Layer	✓	✓	
Explode Viewports	✓	✓	
Layer Filters	✓	✓	✓
Smart Dimension Tool	✓	✓	
SNAP Prioritization	✓	✓	
Transparent & Bit-Mapped Fills	✓	✓	✓
2D DRAFTING & EDITING			
Auto Tools (Scale, Size, Position, Rotation, Movement)	✓	✓	
2D Drawing, Editing & Modifying	✓	✓	✓
Drafting Palette (Create associative sections & cut planes)	✓	✓	
Copy In Place Tool	✓	✓	
PDF Underlay Tool	✓	✓	✓
Smart & Quick Dimension Tools	✓	✓	✓
Xclip Support	✓	✓	✓
3D MODELING			
3D Solid Modeling & Editing	✓	✓	✓
3D Terrain Modeling	✓	✓	
3D Shelling, Lofting & Surfaces	✓	✓	✓
Smooth Surface Mesh Tools	✓		✓
3D Deformable Modeling	✓	✓	✓
3D Pattern Copy Tools	✓		✓
History Tree with Editor	✓	✓	

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Feature Highlights *Continued*

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ARCHITECTURAL			
Intelligent (Parametric) Attribute-rich Architectural Objects			
Walls (Self-Healing; Straight, Curved; Block Insert)	✔	✔	
Windows & Doors	✔	✔	
Muntins - both Doors & Windows	✔		
Roofs, Slabs, Stairs & Rails	✔	✔	
House Wizard	✔	✔	
Component Walls	✔		
Architectural Sections & Elevations (3D-2D documentation)	✔		✔
Self-Aligning Blocks	✔	✔	
Geo-Location of Drawing	✔	✔	✔
Style Manager	✔	✔	
MECHANICAL			
2D Geometric & Dimension Constraints	✔	✔	✔
Branched Lofting & Face-to-Face Lofting	✔	✔	✔
Geometric Tolerance Tool	✔		✔
3D Fillet	✔	✔	✔
3D Thread & Hole Tools	✔		
PHOTOREALISTIC RENDERING			
Advance Rendering - customizable ray tracing, sketch rendering, depth of field	✔	✔	✔
Photorealistic Rendering & Materials with Open GL (Draft) Rendering	✔	✔	✔
Material Library	✔	✔	✔
Ray Tracing and Radiosity	✔	✔	✔
UV Mapping	✔	✔	
PROGRAMMATIC SUPPORT & CONTENT			
Blocks, Block Editor & Xref Support	✔	✔	✔
Ruby Scripting	✔	✔	
Drawing Compare	✔	✔	
Programmable SDK	✔	✔	✔
INTEROPERABILITY			
AutoCAD® (.DWG™, .DWF & .DXF) File Compatibility	✔	✔	✔
Import & Open File Formats	38	38	20
Export, Save As & Publish File Formats	33	33	16
SketchUp® (SKP) Import (geometry, views, materials, components) & Exports	✔	✔	
Open & Save 3DM (Rhino), IGES, OBJ, SAT, STL, STP mechanical drawings	✔	✔	
Terrain Data (XYZ) File Import & Export Support	✔	✔	✔