



SOLIDWORKS 3D CAD

	SOLIDWORKS PREMIUM	SOLIDWORKS PROFESSIONAL	SOLIDWORKS STANDARD
Ease of Use	●	●	●
Part and Assembly Modeling	●	●	●
2D Drawings	●	●	●
Design Reuse and Automation	●	●	●
Animation and Visualization	●	●	●
Interference Check	●	●	●
Collaborate and Share CAD Data	●	●	●
Advanced CAD File Import	●	●	●
Basic Analysis Tools	●	●	●
Productivity Tools	●	●	●
Design for Manufacturing	●	●	●
CAD Libraries	●	●	
Automatic Task Scheduling and Batch Processing	●	●	
Design for Cost & Cost Estimation	●	●	
ECAD/MCAD Collaboration (CircuitWorks™)	●	●	
Advanced Photorealistic Rendering (PhotoView 360)	●	●	
CAD Standards Checking	●	●	
Automated Tolerance StackUp Analysis (TolAnalyst)	●	●	
SOLIDWORKS File Management	●	●	
Reverse Engineering (ScanTo3D)	●	●	
eDrawings® Professional	●		
Motion Analysis	●		
Structural Part & Assembly Analysis	●		
Routing of Pipes and Tubes	●		
Routing of Electrical Cabling and Wiring Harnesses	●		
Routing of Rectangular and Other Sections	●		
Advanced Surface Flattening	●		
Assembly Level Cost Roll Up	●		



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