



SOLIDWORKS SIMULATION

	SOLIDWORKS SIMULATION PREMIUM	SOLIDWORKS SIMULATION PROFESSIONAL	SOLIDWORKS SIMULATION STANDARD
Ease of use / Intuitiveness	●	●	●
Finite Element Analysis	●	●	●
Contacts and Connectors	●	●	●
Post Processing	●	●	●
Communication	●	●	●
Linear Static Simulation for Assembly	●	●	●
Time Based Mechanism Motion Simulation	●	●	●
Design Comparison Studies	●	●	●
Trend Tracker	●	●	●
Fatigue Simulation	●	●	●
Detecting Unconstrained Bodies	●	●	●
Equation Driven Results	●	●	●
Design Optimization (based on Simulation data)	●	●	
Advanced Contacts & Connectors	●	●	
EventBased Motion Simulation	●	●	
Frequency Simulation	●	●	
Buckling or Collapse Simulation	●	●	
Structural thermal simulation	●	●	
Drop Test Simulation	●	●	
Pressure Vessel Design Simulation	●	●	
Submodeling Simulation	●	●	
2D Simplification	●	●	
Load Case Manager	●	●	
Non Linear Simulation	●		
Dynamic Simulation	●		
Composites Components Simulation	●		



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