

SOLIDWORKS Simulation	PREMIUM	PROFESSIONAL	STANDARD
<i>Ease of use</i>	✓	✓	✓
<i>Concurrent engineering</i>	✓	✓	✓
<i>Finite element analysis</i>	✓	✓	✓
<i>Contacts and connectors</i>	✓	✓	✓
<i>Post processing</i>	✓	✓	✓
<i>Communication</i>	✓	✓	✓
<i>Linear static simulation for assembly</i>	✓	✓	✓
<i>Time based mechanism motion simulation</i>	✓	✓	✓
<i>Automation</i>	✓	✓	✓
<i>Design comparison studies</i>	✓	✓	✓
<i>Trend tracker</i>	✓	✓	✓
<i>Fatigue simulation</i>	✓	✓	✓
<i>Detecting unconstrained bodies</i>	✓	✓	✓
<i>Equation driven results</i>	✓	✓	✓
<i>Design optimization (based on simulation data)</i>	✓	✓	
<i>Advanced contacts & connectors</i>	✓	✓	
<i>Event-based motion simulation</i>	✓	✓	
<i>Frequency simulation</i>	✓	✓	
<i>Buckling or collapse simulation</i>	✓	✓	
<i>Structural thermal simulation</i>	✓	✓	
<i>Drop test simulation</i>	✓	✓	
<i>Pressure vessel design simulation</i>	✓	✓	
<i>Submodeling simulation</i>	✓	✓	
<i>2D simplification</i>	✓	✓	
<i>Load case manager</i>	✓	✓	
<i>Non linear simulation</i>	✓		
<i>Dynamic simulation</i>	✓		
<i>Composites components simulation</i>	✓		
<i>Offloaded simulation</i>	✓		

