



## SOLIDWORKS SIMULATION PRODUCT MATRIX

|                                        | SOLIDWORKS PREMIUM | SOLIDWORKS SIMULATION PROFESSIONAL | SOLIDWORKS SIMULATION PREMIUM | SOLIDWORKS FLOW SIMULATION |
|----------------------------------------|--------------------|------------------------------------|-------------------------------|----------------------------|
| Assembly Simulation                    | ■                  | ■                                  | ■                             |                            |
| Mechanism Analysis                     | ■                  | ■                                  | ■                             |                            |
| Event-Based Motion                     |                    | ■                                  | ■                             |                            |
| Compare and Optimize Design            |                    | ■                                  | ■                             | ■                          |
| Simulate Natural Frequencies           |                    | ■                                  | ■                             |                            |
| Predict Buckling or Collapse           |                    | ■                                  | ■                             |                            |
| Simulate Heating or Cooling            |                    | ■                                  | ■                             | ■                          |
| Simulate Drop Test                     |                    | ■                                  | ■                             |                            |
| Simulate Fatigue                       |                    | ■                                  | ■                             |                            |
| Simulate Plastic and Rubber Components |                    |                                    | ■                             |                            |
| Simulate Composites                    |                    |                                    | ■                             |                            |
| Simulate Forced Vibrations             |                    |                                    | ■                             |                            |
| Nonlinear Dynamics                     |                    |                                    | ■                             |                            |
| Fluid Flow Simulation                  |                    |                                    |                               | ■                          |