



3D Design Software

Simulation

Sustainable Design

Product Data Management

Documentation Software

Education Products

Free CAD Tools

Partner Products

Product Matrix

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Product Matrix

To find the right SolidWorks products for you, just match your requirements to the appropriate design solution.

| | SolidWorks Standard | SolidWorks Professional | SolidWorks Premium |
|---------------------------------------|---------------------|-------------------------|--------------------|
| Mechanical CAD Capabilities | | | |
| SWIFT | ✓ | ✓ | ✓ |
| Getting Started | ✓ | ✓ | ✓ |
| User Interface | ✓ | ✓ | ✓ |
| Working with DWG | ✓ | ✓ | ✓ |
| Part Modeling | ✓ | ✓ | ✓ |
| RealView Graphics | ✓ | ✓ | ✓ |
| Advanced Surfacing | ✓ | ✓ | ✓ |
| Sheetmetal Design Tools | ✓ | ✓ | ✓ |
| Weldment Design | ✓ | ✓ | ✓ |
| Mold Design Tools | ✓ | ✓ | ✓ |
| Assembly Modeling | ✓ | ✓ | ✓ |
| Assembly Motion | ✓ | ✓ | ✓ |
| Large Assembly Mgt | ✓ | ✓ | ✓ |
| 2D Drawing Creation | ✓ | ✓ | ✓ |
| Data Translation | ✓ | ✓ | ✓ |
| Design Reuse | ✓ | ✓ | ✓ |
| Bill of Materials | ✓ | ✓ | ✓ |
| Part Validation | ✓ | ✓ | ✓ |
| Design Automation of Repetitive Tasks | ✓ | ✓ | ✓ |
| Import/Export Capabilities | ✓ | ✓ | ✓ |
| Design Collaboration | | ✓ | ✓ |
| Feature Recognition | | ✓ | ✓ |
| Standard Hardware Libraries | | ✓ | ✓ |
| Photorealistic Rendering | | ✓ | ✓ |
| Design Standards Checking | | ✓ | ✓ |
| Advanced Productivity Tools | | ✓ | ✓ |
| Leverage Scanned Data | | | ✓ |
| Routed Systems | | | ✓ |
| ECAD to MCAD Integration | | | ✓ |
| Data Management Capabilities | | | |
| Secure Access | | ✓ | ✓ |
| Revision Control | | ✓ | ✓ |
| Find Files | | ✓ | ✓ |
| View More | | | |
| Design Validation Capabilities | | | |
| Tolerance Stackup Validation | | | ✓ |
| Assembly Simulation | | | ✓ |

