## **SOLIDWORKS 3D CAD PRODUCT MATRIX**





	SOLIDWORKS STANDARD	SOLIDWORKS PROFESSIONAL	SOLIDWORKS PREMIUM
SOLIDWORKS 3D CAD	<b>V</b>	<b>V</b>	<b>V</b>
Part and Assembly Modeling	Ŷ	•	•
2D Drawings	<b>V</b>	•	•
Design Reuse and Automation	<b>V</b>	•	Ŷ
Collaborate and Share CAD Data	<b>V</b>	•	Ŷ
Interference Check	<b>V</b>	•	Ŷ
First-Pass Analysis Tools	<b>V</b>	•	Ŷ
CAM Programming (SOLIDWORKS CAM)	<b>V</b>	•	•
Design for Manufacturing (DFM)	<b>V</b>	•	<b>V</b>
Productivity Tools	Ŷ	•	<b>V</b>
Advanced CAD File Import/Export and Interconnect	<b>V</b>	•	•
CAD Libraries (SOLIDWORKS Toolbox)		•	•
Design for Cost (SOLIDWORKS Costing)		<b>V</b>	•
ECAD/MCAD Collaboration (CircuitWorks)		<b>V</b>	•
CAD Standards Checking (Design Checker)		•	•
Collaboration with eDrawings Professional		•	•
Automated Tolerance Stack-Up Analysis (TolAnalyst)		•	•
Advanced Photorealistic Rendering (SOLIDWORKS Visualize)		•	<b>V</b>
SOLIDWORKS File Management			•
Reverse Engineering (ScanTo3D)		<b>V</b>	<b>V</b>
Time-based Motion Analysis			•
Linear Static Analysis for Parts and Assemblies			•
Pipe and Tube Routing			•
Electrical Cable and Wiring Harness Routing			<b>V</b>
Advanced Surface Flattening			<b>V</b>
Rectangular and Other Section Routing			<b>V</b>



