enginia

Overzicht Solid Edge portfolio

Key feature/function	Premium	Classic	Foundation	Design and Drafting
2D drafting	✓	✓	✓	✓
2D data import/re-use(all popular formats)	✓	✓	✓	✓
3D data import/re-use(all popular formats)	✓	✓	✓	✓
3D part design	Advanced	Advanced	Advanced	Basic
3D assembly design	Advanced	Advanced	Advanced	Basic
Automated 2D drawings	✓	✓	✓	✓
Synchronous technology(intelligent direct modeling)	✓	✓	✓	✓
Model Based Definition (MBD)preparation	✓	✓	✓	✓
Standard parts library	✓	✓	✓	✓
Standard parts libraryextension - machinery	✓	✓		
Visualization - animation	✓	✓	✓	Basic
Visualization - photorealisticrendering	Advanced	Advanced	Basic	Basic
Visualization - augmentedreality (AR) and export to thirdparty AR/VR/MR	✓	✓	✓	✓
Additive manufacturing (3DPrinting) preparation and service	✓	✓	✓	✓
Data management	✓	✓	✓	✓
IFC import and export for BIM	✓	✓	✓	✓
Mesh data reuse(Convergent Modeling™)	✓	✓	✓	✓
Viewing tools (free mobile apps,free desktop viewer mode)	✓	✓	✓	✓
Motion simulation	Advanced	Basic	Basic	
Stress simulation	Advanced	Basic	Basic	
Simulation optimization	✓			
Vibration simulation(normal modes)	Basic	Basic	Basic	
Cloud-enabled	✓	✓	✓	✓
Cloud-based collaboration(view, comment, secure share)	✓	✓	✓	✓
Sheet metal design	✓	✓	✓	
Frame and weldment design	✓	✓	✓	
Surface modeling	✓	✓	✓	
Plastic part design	✓	✓	✓	
Jig and fixture design	✓	✓	✓	
Conceptual assembly layout	✓	✓	✓	
Design for cost	✓	✓		
Reverse engineering(3D scanning)	✓	✓		
Generative design	✓	✓		
Cam, gear, pulley and shaftdesign	✓	✓		
Spring design	✓	✓		
Beam and column design	✓	✓		
Electrical routing	✓			
PCB collaboration	✓			
Pipe and tube design	✓			
SolidWorks data migration	✓	✓	✓	
Inventor data migration	✓	✓	✓	
Pro/Engineer / Creo datamigration	✓	✓	✓	
Creo Elements direct migration	✓	✓	✓	