



Feature comparison for production Line process simulation tools from Autodesk and ProModel



Features	Autodesk Process Analysis	ProModel Process Simulation	ProModel Optimisation Suite
Block Diagram	✓	✓	✓
Simulation Animation	✓	✓	✓
CAD Image Underlay	✓	✓	✓
Hierarchical Modelling with Sub-Processes	✓	✓	✓
Import Factory Assets from Desktop and Cloud	✓	✓	✓
Import Factory Assets from Vault		✓	✓
Sync Process Model to AutoCAD	✓	✓	✓
Sync Process Model to Inventor		✓	✓
Push Modelling	✓	✓	✓
Pull Modelling		✓	✓
Import/Export Data via Excel	✓	✓	✓
Import data from other Databases			✓
Model multi-variant product systems		✓	✓
Model Path Networks (space and distance)		✓	✓
Labour and Material Handling		✓	✓
Shift Modelling		✓	✓
Logic Builder		✓	✓
User defined variable and attributes		✓	✓
Model Conveyors		✓	✓
Model Cranes			✓
Model Continuous Flow			✓



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Basic Analysis Reporting	✓	✓	✓
Advanced Customizable Multi-Scenario Comparative Analysis Reporting		✓	✓
Run multiple simulation scenarios concurrently		✓	✓
Specify simulation repetitions for averaged result		✓	✓
Six Sigma Analysis with Minitab		✓	✓
Plugin to Microsoft Visio		✓	



Autodesk Process Analysis is an entry level, light weight process modelling solution included in the Product Design and Manufacturing collection (PDMC) that helps customers study and optimize simple manufacturing processes. Easily model, visualize, and simulate a new or existing manufacturing process with direct integration to Factory Design Utilities® (FDU) Asset libraries. Models can be exported to dwg for import into AutoCAD® to generate a Factory Design Utilities® Layout.



ProModel Process Simulator Autodesk® Edition is a Microsoft Visio plugin that provides discrete event simulation, designed to help engineers and system designers to make informed decisions when simulating, understanding and optimizing their manufacturing processes. Process Simulator connects to Autodesk® Inventor® Factory Design Utilities® asset Libraries and syncs the optimized design back into Factory Layouts in AutoCAD® or Inventor®



ProModel Optimization Suite Autodesk® Edition is a stand-alone discrete event simulation tool, designed to help simulation experts make informed decisions when simulating, understanding and optimizing manufacturing or business processes. Optimization Suite can use data from Autodesk® Inventor® Factory Design Utilities® asset Libraries and sync the optimized design back into AutoCAD® or Inventor®.