

Compare DriveWorks Products

Product Comparison Overview.

Learn about the differences between [DriveWorksXpress](#), [DriveWorks Solo](#) and [DriveWorks Pro](#) and decide which software solution is right for you.

From stand-alone seats to company-wide solutions, DriveWorks software can be used for Design Automation and Sales Configuration by most companies creating 'Same but Different' products. Whether you are an engineer looking for a Design Automation solution or a company wanting to provide Product Configuration and Guided Selling for your own teams, Distributors and Dealers, DriveWorks software is modular and scalable so you can set up and use the products to your advantage and at your own pace. Use the DriveWorks Product Comparison Chart below

Feature Description	DriveWorks Xpress	DriveWorks Solo	DriveWorks Pro ¹
Operating Systems			
Windows 7 SP1 support	✓	✓	✓
Windows 8.1 support	✓	✓	✓
Windows 10 support	✓	✓	✓
Models – Controlling SOLIDWORKS Parts and Assemblies			
Drive dimensions	✓	✓	✓
Drive features	✓	✓	✓
Drive custom properties	✓	✓	✓
Full control over file names	✓	✓	✓
Drive colors		✓	✓
Drive materials		✓	✓
Drive textures		✓	✓
Drive tolerances		✓	✓
Drive hole wizards		✓	✓
Drive sheet metal properties		✓	✓
Drive weldment profiles		✓	✓
Drive advanced feature properties		✓	✓

Replace models with known alternatives		✓	✓
Replace Models with driven alternatives		✓	✓
Control instances		✓	✓
Create additional file formats		✓	✓
Full control over file locations		✓	✓
Control multiple sets of models in a single project		✓	✓
Automatic check in to EPDM			✓
Run macros			✓
Run pre and post drive generation tasks to:			
<ul style="list-style-type: none"> • Insert components on the fly • Create, delete or switch configurations • Mate components • Create images • Much more 			✓

Drawings – Controlling SOLIDWORKS Drawings

Create a drawing for each part and assembly	✓	✓	✓
Create multiple drawings for each part assembly		✓	✓
Control Layers		✓	✓
Additional file formats		✓	✓
Re-name sheet		✓	✓
Delete sheet		✓	✓
Re-scale sheet		✓	✓
Export sheet to other file formats		✓	✓
Delete view		✓	✓
Re-scale views		✓	✓
Re-position views		✓	✓
Control breakline positions		✓	✓
Drive annotation positions		✓	✓
Drive annotation text		✓	✓

Drive geometric tolerances		✓	✓
Drive weld symbols		✓	✓
Run drawing specific macros		✓	✓
Run pre and post drive generation tasks to:			
<ul style="list-style-type: none"> • Auto arrange dimensions • Auto balloon assembly views • Rescale and position views • Hide or Delete dangling dimensions • Much more 			✓
Full control over file names		✓	✓
Full control over file locations		✓	✓

Method of Model Generation

Immediate generation	✓	✓	✓
Preview generation (On Demand)		✓	✓ ²
Queued and automatic			✓

Working with and Generating Documents

Built in templates		✓	✓
Microsoft Word			✓
Microsoft Excel			✓
XML			✓
Email with attachments ⁵			✓

Working with Data (including External Data)

Copy and paste Excel data		✓	✓
Create internal data tables		✓	✓
Consume live data from ODBC Data sources (e.g. SAP, Oracle, MySQL, SQLServer)			✓
Export data to ODBC data sources (e.g. SAP, Oracle, MySQL, SQLServer)			✓
Connection directly to SQL Server Databases			✓
Create Group data tables			✓

Rollup data tables – automatically sync information from child specifications.			✓
Create Calculation tables			✓
Web Service integration – bi-directional communication with websites			✓

User Interface and Form Controls

Text boxes	✓	✓	✓
Numeric text boxes	✓	✓	✓
Spin buttons	✓	✓	✓
Check boxes	✓	✓	✓
Combo boxes	✓	✓	✓
Full Form Designer		✓	✓
Picture boxes with dynamic pictures		✓	✓
List box		✓	✓
Option group		✓	✓
Labels		✓	✓
Slider		✓	✓
Hyperlink		✓	✓
Measurement text boxes			✓
Macro Button			✓
Data Grid			✓
Data Table			✓
Date Picker			✓
Dialog Button			✓
Child Specification List			✓
3D Preview Box			✓
Item List			✓
Option Button			✓
Frame Control			✓

Upload Control			✓
Web Frame Control			✓
Basic Form designer	✓		
Advanced Form designer		✓	✓
Static validation and validation messages	✓		
Dynamic validation and validation messages		✓	✓
Dynamic options for list controls		✓	✓
Dynamic enabling/disabling of controls		✓	✓
Dynamic control visibility		✓	✓
Dynamic control over fonts		✓	✓
Dynamic control over colors		✓	✓
Re-skin controls		✓	✓
Multiple forms with dynamic navigation		✓	✓
Support for responsive forms		✓	✓
Copy/paste form controls		✓	✓

Web

Application Mode ⁴			✓
Web theme templates ⁴			✓
Drag and drop customizable modules ⁴			✓
Advanced customization ⁴			✓
Image gallery – display image files as they are created ⁴			✓

DriveWorks 3D

Server side rendering of web optimized 3D files			✓
Image fallback for no WebGL			✓
Model click interaction			✓
Full support for transparent appearances			✓
Multi-browser and device support			✓

Scalability/ Deployment

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Underlying database – Microsoft SQL Server			✓
Users ³			✓
Teams of users			✓
Granular permissions			✓
Upscale for web access ⁴			✓
Unattended model generation ⁵			✓
Full load balancing support ^{5*}			✓
Targeted processing with Tags ^{5*}			✓
Standalone user seats ⁶			✓
Specification Flow			✓
Automatic processing of external data ⁵			✓

General

Reusable rules (Variables)		✓	✓
Pervasive search/filtering capabilities		✓	✓
Plugins			✓
Project hierarchy (sub-projects/multi-line entries)			✓

Integration with Product Data Management (PDM)

Checkin models			✓
Checkin drawings			✓
Checkin documents			✓

Maintainability

Rules commentary		✓	✓
Rules revisioning		✓	✓

Reporting and Diagnostics

Reporting	✓	✓	✓
What-if scenarios (Test specification)			✓
Model Insight – Step through generation with full commentary			✓

Working with Rules

Over 240 engineering, mathematic and scientific functions	✓	✓
Rules builder	✓	✓
Rules analysis and breakdown	✓	✓
Search and Find/Replace rules	✓	✓
Specification Test Mode		✓

1 DriveWorks Pro is made up of a number of Software Modules – [This video](#) will tell you more about the different modules. 2 Preview Generation (On Demand) is available for DriveWorks Pro modules that run as an add-in to SOLIDWORKS and is not available in DriveWorks Pro Live. 3 The modules DriveWorks Pro user and DriveWorks Pro Live provide access for Users to enter data. 4 DriveWorks Pro Live provides seamless conversion of DriveWorks projects for web access. 5 DriveWorks Pro Autopilot is required. 5 Multiple DriveWorks Pro Autopilots are required. 6 DriveWorks Pro User is required.*