



SOLIDWORKS 3D DESIGN PRODUCT FEATURES

| SOLIDWORKS CAD PRODUCT FEATURES | SOLIDWORKS PREMIUM | SOLIDWORKS PROFESSIONAL | SOLIDWORKS STANDARD |
|---|-----------------------|----------------------------|------------------------|
| V PART AND ASSEMBLY MODELLING | | | |
| 3D Solid Modelling | | | |
| Conceptual Design | | | |
| Direct Model Geometry Modification | | | |
| Large Assembly Design | | | |
| Advanced Surface Design Sheet Metal Design | | | |
| Weldments | | | |
| Plastic Part Design | | | |
| Mold Design | | | |
| Assembly Structure Planning: Treehouse | | | - |
| V 2D DRAWINGS | | | |
| Automatic Drawing View Creation | | | |
| Automatic Drawing View Updates | | | |
| Drafting Standards: ANSI, ISO, DIN, JIS, BSI, GOST, GB Manual and Automated Dimensioning and Tolerancing | | | |
| Automatic Bill of Materials (BOM), Exploded Views, Balloon I | | | |
| Hole Tables, Weld Tables, Pipe Bend Tables, Cut Lists | | | |
| ✓ DESIGN REUSE AND AUTOMATION | | | |
| Design Automation (DriveWorksXpress) | | | |
| Part and Assembly Configurations | - | | |
| Reuse 2D and 3D CAD Data | | | |
| V COLLABORATE AND SHARE CAD DATA | | | |
| Import/Export Over 30 CAD Formats | | | |
| 2D to 3D CAD Conversion Tools | | | |
| V BASIC ANALYSIS TOOLS | | | |
| Part Structural Analysis , Part Environmental Impact Analysi | S | | |
| V DESIGN FOR MANUFACTURING | | | |
| Rules-Based Manufacturability Checks (DFMXpress) | | | |
| ADVANCE CAD FILE IMPORT | | | |
| | | | |
| Automatic & Interactive Feature Recognition And Conversion | | | |
| 3D Interconnect (Import major CAD formats directly into SOLIDWORKS) | | | |
| ✓ PRODUCTIVITY TOOLS | | | |
| Automatic Task Scheduling & Batch Processing | | | |
| V CAD LIBRARIES | | | |
| Over One Million Standard Fasteners And Components (Tool | box) | | |
| Automatic Assembly Of Fasteners And Components. Beam, Bearing & CAM Design Wizard | | | |
| ADVANCED DESIGN FOR MANUFACTURING | | | |
| | | | |
| Geometry Check for CAM Thickness Analysis, Draft & Undercut Analysis | | | |
| CAD Standards Checking (Design Checker) | - | | |
| | | | |
| V DESIGN FOR COST/QUOTING SOLIDWORKS COSTING | | | |
| Compare Manufacturing Costs | | | |
| Automated Manufacturing Cost Estimation Output Cost Report | | | |
| | | | |



| SOLIDWORKS CAD PRODUCT FEATURES | SOLIDWORKS PREMIUM | SOLIDWORKS PROFESSIONAL | SOLIDWORKS STANDARD |
|---|--|----------------------------|------------------------|
| ✓ eDRAWINGS [®] PROFESSIONAL | | | |
| Create and Publish eDrawings Files | | | |
| Enable Markup of eDrawings Files | | | |
| View Assembly Animations | | | |
| Password Protect Intellectual Property | | | |
| ✓ ECAD/MCAD COLLABORATION CIRCUITWORKS™ | | | |
| Import/Export of Printed Circuit Board (PCB) Designs | | | |
| Two-Way Data Exchange: ECAD to MCAD - MCAD to ECAD | | | |
| IDF, ProStep (IDX) or PADS (*.ASC) | | | |
| PCB Outlines, Keep-Out Areas, Maximum Heights | | | |
| SCAN TO 3D REVERSE ENGINEERING | | | |
| ✓ AUTOMATED TOLERANCE STACKUP ANALYSIS TOLANALYST | • | | |
| Worst Case and RSS Maximum/Minimum | | | |
| Identify Highest Contributing Tolerances | | | |
| V TIME BASED MOTION ANALYSIS | | | |
| | | | |
| Kinematic and Dynamic Analysis | - | | |
| Inputs: Forces, Springs, Dampers, Gravity, Contact, Bushings Outputs: Displacement, Velocities, Accelerations, | ; | | |
| Body Loads, Joint Forces | | | |
| STRUCTURAL PART AND ASSEMBLY ANALYSIS | | | |
| | | | |
| Inputs: Variable Forces/Pressures, Full Restraint Sets, Connectors, Gravity, Contact, Materials | | | |
| Outputs: Factor of Safety, Stress, Displacement, Strain | | | |
| View/Publish Animations, Graphs, Reports | | | |
| V ADVANCED SURFACE FLATTENING | | | |
| ✓ ROUTING OF PIPES AND TUBES | | | |
| Create Detailed Piping Systems | | | |
| Create Flexible or Rigid Tubing Lines | | | |
| Customizable Library of Piping Components | | | |
| Output Tube Bend Data for Manufacturing | | | |
| Cut Length Calculations Automated for BOM | | | |
| Automatic Routing Option for Pipes and Tubes Minimum Bend Radius Check for Tubes | | | |
| Output of PCF Files for ISOGEN ® Piping Software | | | |
| | | | |
| Rectangular and Other Section Routing | - | | |
| ROUTING OF ELECTRICAL CABLING AND WIRING HARNESS | ES | | |
| Create Detailed Electrical Cable and Wiring Harnesses | | | |
| Run Rigid or Flexible Electrical Conduit Segments | | | |
| Conduit & Ribbon Cable | | | |
| Automated Harness Flattening for Manufacturing BOM and Wire Cut Lists | | | |
| Automatic Routing Using Imported "From-To"Connection Dat | | | |
| SOLIDWORKS CAM | | | |
| PRODUCT FEATURES | CAM STAN (AVAILABLE IN SO STANDARD, PROFESSI | OLIDWORKS CAM | PROFESSIONAL |
| 2.5 Axis Milling Capabilities | STANDAND, NOTESST | | |
| Toolpath Simulation | | | |
| Rules-Based Machining | | | |
| Tolerance-Based Machining (TBM) & Knowledge-Based Mach | ining (KBM) 🛛 | | |
| Automatic Feature Recognition (AFR) | | | |
| Automate Machine Times High-Speed Machining (HSM) | | | |
| Turning Capabilities | | | - |
| Indexing | | | |
| ······· | | | |



| SOLIDWORKS SIMULATION PRODUCT FEATURES | | SOLIDWORKS SIMULATION PREMIUM | SOLIDWORKS SIMULATION PROFESSIONAL | SOLIDWORKS SIMULATION STANDARD |
|--|--------------------|-------------------------------------|--|--------------------------------------|
| Finite Element Analysis | | | | |
| Contacts and Connectors | | | | |
| Post Processing | | | | |
| Linear Static Simulation for Assembly Time Based Mechanism Motion Simulation | | | | _ |
| Stress Hot Spot Diagnostics & Design Comparis | son Study | | | |
| Trend Tracker | son Study | | | |
| Fatigue Simulation | | | | |
| Design Optimization (Based on Simulation Da | ata) | | | |
| Advanced Contacts & Connectors | · | | | |
| Event-Based Motion Simulation | | | | |
| Frequency Simulation | | | | |
| Buckling or Collapse Simulation | | | | |
| Structural Thermal Simulation Drop Test Simulation | | | - | |
| Drop Test Simulation Pressure Vessel Design Simulation | | | | |
| Submodelling Simulation | | | - | |
| 2D Simplification | | - | | |
| Load Case Manager | | | | |
| Topology Study | | | | |
| Dynamic Simulation | | | | |
| Composites Components Simulation | | | | |
| Non Linear Simulation | | | | |
| SOLIDWORKS FLOW SIMULATION | SOLIDWORKS FLOW | SOLIDWOR SIMULA | | DWORKS FLOW |
| PRODUCT FEATURES | SIMULATION | ELECTRONIC | | HVAC |
| Ease of Use/Intutiveness | | | | |
| Post Processing | | | | |
| Design Comparison Studies | | | | |
| Fluid Flow Simulation | | | | |
| Rotating Regions Thermal Fluid Simulation | | | | |
| Free Surface | | | | |
| Noise Prediction | | | | |
| Multi-Parameter Optimization | | | | |
| Two-Phase (Fluid + Particles) Flows | | | | |
| Porous Components | | | | |
| Enriched Library | | | | |
| Thermal Comfort Parameters Simulation | | | | |
| Advanced Radiation Simulation | | | | |
| Tracer Study | | | | |
| Dedicated Electronic Cooling Simulation | | | | |
| Joule Heating Simulation | | SOLIDWORKS | SOLIDWORKS | SOLIDWORKS |
| SOLIDWORKS PLASTICS | | PLASTICS | PLASTICS | PLASTICS |
| PRODUCT FEATURES | | PREMIUM | PROFESSIONAL | STANDARD |
| V CAD Integration | | FREMIUM | I NOI ESSIONAL | JIANDARD |
| CAD Integration Design Data Reuse & Parallel Computing - (Multiple) | ti-core) | | | |
| SOLIDWORKS-Embedded | | | | |
| V Plastics Material Database | | _ | - | |
| 4000+ Commercial Plastics | | | | |
| V Meshing | | | | |
| Boundary Mesh (Shell) & Solid 3D Mesh | | | | |
| V Simulation Capabilities | | | | |
| Filling Phase (1st Stage Injection) | | | | |
| Packing Phase (2nd Stage Injection) | | | | |
| Instantaneous Filling Pattern Visualizer | | | | |
| Runner Balancing | | | | |
| Sink Mark, Weld lines & Air Traps | | | | |



| SOLIDWORKS PLASTICS PRODUCT FEATURES | SOLIDWORKS PLASTICS PREMIUM | SOLIDWORKS PLASTICS PROFESSIONAL | SOLIDWORKS PLASTICS STANDARD |
|---|-----------------------------------|--|------------------------------------|
| ✓ Mold Geometry Support | | | |
| Runner Design Wizard | | | |
| Multi-Cavity Molds | | | |
| V Advanced Simulation Capabilities | | | |
| Co-Injection | | | |
| Insert Overmolding | | | |
| Cooling Lines Analysis | | | |
| Warpage Analysis | | | |
| ✓ Results | | | |
| Pressure at End of Fill | | | |
| Temperature at End of Fill | | | |
| Flow Front Temperature | | | |
| Sink Mark Profiles | | - | - |
| Frozen Layer Fraction at End of Fill | | | |
| Velocity Vectors | | | |
| Cycle Time Part Cooling Time | | | |
| V Report Generation | | - | |
| Microsoft® Word | | | |
| Microsoft® PowerPoint | | | |
| HTML | | | |
| | | | |
| SOLIDWORKS PRODUCT | SOLIDWORKS | | SOLIDWORKS PDM |
| DATA MANAGEMENT FEATURE | MANAGE | | PROFESSIONAL |
| Secure Access | | | |
| Revision Control | | | |
| Find and Reuse Design Data | | | |
| Integrated eDrawings Preview | | | |
| Advanced Search and Favorites | | | |
| Multi-Document Preview | | | |
| Automated Neutral File Creation Custom Configuration | | | |
| Automated Data Import and Export | | | |
| Serial Number Generators | | | |
| Multi Site Access | | | |
| Automated Approval Process | | | |
| Email Notification | | | |
| Project Management, Process Management, Item Man | agement | | |
| Dashboards and Reports | | | |
| SOLIDWORKS ELECTRICAL | SOLIDWORKS | SOLIDWORKS | SOLIDWORKS |
| | ELECTRICAL | ELECTRICAL | ELECTRICAL |
| PRODUCT FEATURES | 2D | 3D | PROFESSIONAL |
| 2D Schematic Tool for Electrical Systems Design | | | |
| Single and Multi-line Schematics | | | |
| 2D Documentation: Drawings, BOMs, | | | |
| Wire Lists, Terminal Strips Lists | | | |
| Multi-user & Multi-project Design Capability | | | |
| PLC Management: Automation Tools to Integrate | | | |
| PLCs into Your Design | | | |
| Data on Over 500,000 Standard Electrical Parts | | | |
| Real-time Interaction with 3D Model | | | |
| Leverage 2D Schematic Design Data from | | _ | _ |
| SOLIDWORKS Electrical in the 3D Model | | | |
| Place Electrical Items in 3D to Ensure Fit Plan 3D Cable/ Wire/ Harness Paths Through Your | | | |
| Machine and Calculate Lengths | | | |
| Harness Design in 3D | | | |
| Web Link for More 3D Models | | | |
| Single Install and Licensing Step Covering Both Prod | ducts | | |
| | | | |



| SOLIDWORKS PCB PRODUCT FEATURES | SOLIDWORKS PCE POWERED BY ALTIU | N.4 | ORKS PCB CONNECTOR |
|---|------------------------------------|---------------|--------------------|
| Schematic | | | |
| ECAD-MCAD Design Collaboration | | | |
| Multiuser Environment | | | |
| 3D BCB Integration | | | |
| PCB Integration Flex PCB | | | |
| FIEX PCB | | | |
| SOLIDWORKS COMPOSER | SOLIDWORKS | SOLIDWORKS | |
| PRODUCT FEATURES | COMPOSER | COMPOSER | COMPOSER |
| PRODUCT FEATURES | | ENTERPRISE SY | NC PLAYER |
| Create Keyframe Animation by Drag-drop Views on Ti | meline | | |
| Update Animation with Latest Design Changes | | | |
| Static Images (Raster Graphics and Vector Line Art) | | | |
| Dynamic Avi Videos (Multiple Codecs Supported) | | | |
| Interactive 3d Documents (as Lightweight Executable |) | | |
| Standardize Styles for Creating Content | | | |
| (Balloons, Labels, Annotations) | | | |
| Standardize Default Document Settings Output | | | |
| Qualities, Security Rights | | | |
| Publish Consistent Quality with Paperspace | | | |
| Automate Batch Mode Import of 3d Files and Publishing Content | | _ | _ |
| Automate Document Creation Within Existing | | | |
| Workflow Systems | | _ | |
| Rotate, Zoom, Animate, Measure, View Bom, Section | | | |
| (Rights Controlled by Author) | | | |
| Create Custom Applications To Distribute | | | |
| Internally or Over Website | | | |
| | | | |
| SOLIDWORKS INSPECTION | SOLIDW | ORKS | SOLIDWORKS |
| PRODUCT FEATURES | INSPECTION PR | | NSPECTION STANDARD |
| TRODUCTTEATORES | | | |
| V SOLIDWORKS INSPECTION ADDIN | | | |
| SOLIDWORKS Embedded Add-In | | | |
| | | | |
| | | | |
| SOLIDWORKS Drawing Native File Support | | | |
| SOLIDWORKS Drawing Native File Support SOLIDWORKS INSPECTION STANDALONE APP | | | |
| SOLIDWORKS Drawing Native File Support V SOLIDWORKS INSPECTION STANDALONE APP PDF and TIFF Files Support (.pdf, .tif, .tiff) | | | |
| SOLIDWORKS Drawing Native File Support V SOLIDWORKS INSPECTION STANDALONE APP PDF and TIFF Files Support (.pdf, .tif, .tiff) 2D CAD Files Support (*.dwg, *.CATDrawing, *.prt) | PLICATION | | |
| SOLIDWORKS Drawing Native File Support SOLIDWORKS INSPECTION STANDALONE APP PDF and TIFF Files Support (.pdf, .tif, .tiff) 2D CAD Files Support (*.dwg, *.CATDrawing, *.prt) 3D CAD Files Support (*.CATPart, *.CATProduct, *.p | PLICATION | | |
| SOLIDWORKS Drawing Native File Support SOLIDWORKS INSPECTION STANDALONE APP PDF and TIFF Files Support (.pdf, .tif, .tiff) 2D CAD Files Support (*.dwg, *.CATDrawing, *.prt) 3D CAD Files Support (*.CATPart, *.CATProduct, *.p Optical Character Recognition (OCR) | PLICATION | | |
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| SOLIDWORKS Drawing Native File Support SOLIDWORKS INSPECTION STANDALONE APP PDF and TIFF Files Support (.pdf, .tif, .tiff) 2D CAD Files Support (*.dwg, *.CATDrawing, *.prt) 3D CAD Files Support (*.CATPart, *.CATProduct, *.p Optical Character Recognition (OCR) Customizable Recognition Engine Nominal Value and Plus/Minus Tolerances Bilateral Default Tolerances Upper and Lower Limits Calculation | PLICATION | | |
| SOLIDWORKS Drawing Native File Support SOLIDWORKS INSPECTION STANDALONE APP PDF and TIFF Files Support (.pdf, .tif, .tiff) 2D CAD Files Support (*.dwg, *.CATDrawing, *.prt) 3D CAD Files Support (*.CATPart, *.CATProduct, *.p Optical Character Recognition (OCR) Customizable Recognition Engine Nominal Value and Plus/Minus Tolerances Bilateral Default Tolerances Upper and Lower Limits Calculation Multiple Drawings per Project | PLICATION rt, *.asm, *.3dxml) | | |
| SOLIDWORKS Drawing Native File Support SOLIDWORKS INSPECTION STANDALONE APP PDF and TIFF Files Support (.pdf, .tif, .tiff) 2D CAD Files Support (*.dwg, *.CATDrawing, *.prt) 3D CAD Files Support (*.CATPart, *.CATProduct, *.p Optical Character Recognition (OCR) Customizable Recognition Engine Nominal Value and Plus/Minus Tolerances Bilateral Default Tolerances Upper and Lower Limits Calculation Multiple Drawings per Project Compare Drawing Revisions | PLICATION | | |
| SOLIDWORKS Drawing Native File Support SOLIDWORKS INSPECTION STANDALONE APP PDF and TIFF Files Support (.pdf, .tif, .tiff) 2D CAD Files Support (*.dwg, *.CATDrawing, *.prt) 3D CAD Files Support (*.CATPart, *.CATProduct, *.p Optical Character Recognition (OCR) Customizable Recognition Engine Nominal Value and Plus/Minus Tolerances Bilateral Default Tolerances Upper and Lower Limits Calculation Multiple Drawings per Project | PLICATION | | |
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| SOLIDWORKS Drawing Native File Support SOLIDWORKS INSPECTION STANDALONE APP PDF and TIFF Files Support (.pdf, .tif, .tiff) 2D CAD Files Support (*.dwg, *.CATDrawing, *.prt) 3D CAD Files Support (*.CATPart, *.CATProduct, *.p Optical Character Recognition (OCR) Customizable Recognition Engine Nominal Value and Plus/Minus Tolerances Bilateral Default Tolerances Upper and Lower Limits Calculation Multiple Drawings per Project Compare Drawing Revisions ExtractionXpert® Smart Extract V QUALITY SYSTEMS INTEGRATION | PLICATION rt, *.asm, *.3dxml) | | |
| SOLIDWORKS Drawing Native File Support SOLIDWORKS INSPECTION STANDALONE APP PDF and TIFF Files Support (.pdf, .tif, .tiff) 2D CAD Files Support (*.dwg, *.CATDrawing, *.prt) 3D CAD Files Support (*.CATPart, *.CATProduct, *.p Optical Character Recognition (OCR) Customizable Recognition Engine Nominal Value and Plus/Minus Tolerances Bilateral Default Tolerances Upper and Lower Limits Calculation Multiple Drawings per Project Compare Drawing Revisions ExtractionXpert® Smart Extract V QUALITY SYSTEMS INTEGRATION Export to XML | PLICATION | | |
| SOLIDWORKS Drawing Native File Support SOLIDWORKS INSPECTION STANDALONE APP PDF and TIFF Files Support (.pdf, .tif, .tiff) 2D CAD Files Support (*.dwg, *.CATDrawing, *.prt) 3D CAD Files Support (*.CATPart, *.CATProduct, *.p Optical Character Recognition (OCR) Customizable Recognition Engine Nominal Value and Plus/Minus Tolerances Bilateral Default Tolerances Upper and Lower Limits Calculation Multiple Drawings per Project Compare Drawing Revisions ExtractionXpert® Smart Extract V QUALITY SYSTEMS INTEGRATION | PLICATION rt, *.asm, *.3dxml) | | |
| SOLIDWORKS Drawing Native File Support SOLIDWORKS INSPECTION STANDALONE APP PDF and TIFF Files Support (.pdf, .tif, .tiff) 2D CAD Files Support (*.dwg, *.CATDrawing, *.prt) 3D CAD Files Support (*.CATPart, *.CATProduct, *.p Optical Character Recognition (OCR) Customizable Recognition Engine Nominal Value and Plus/Minus Tolerances Bilateral Default Tolerances Upper and Lower Limits Calculation Multiple Drawings per Project Compare Drawing Revisions ExtractionXpert® Smart Extract V QUALITY SYSTEMS INTEGRATION Export to XML | PLICATION rt, *.asm, *.3dxml) | | |
| SOLIDWORKS Drawing Native File Support SOLIDWORKS INSPECTION STANDALONE APP PDF and TIFF Files Support (.pdf, .tif, .tiff) 2D CAD Files Support (*.dwg, *.CATDrawing, *.prt) 3D CAD Files Support (*.CATPart, *.CATProduct, *.p Optical Character Recognition (OCR) Customizable Recognition Engine Nominal Value and Plus/Minus Tolerances Bilateral Default Tolerances Upper and Lower Limits Calculation Multiple Drawings per Project Compare Drawing Revisions ExtractionXpert® Smart Extract V QUALITY SYSTEMS INTEGRATION Export to XML V REPORT GENERATION | PLICATION | | |
| SOLIDWORKS Drawing Native File Support SOLIDWORKS INSPECTION STANDALONE APP PDF and TIFF Files Support (.pdf, .tif, .tiff) 2D CAD Files Support (*.dwg, *.CATDrawing, *.prt) 3D CAD Files Support (*.CATPart, *.CATProduct, *.p Optical Character Recognition (OCR) Customizable Recognition Engine Nominal Value and Plus/Minus Tolerances Bilateral Default Tolerances Upper and Lower Limits Calculation Multiple Drawings per Project Compare Drawing Revisions ExtractionXpert® Smart Extract V QUALITY SYSTEMS INTEGRATION Export to XML V REPORT GENERATION Export Ballooned Drawing to PDF | PLICATION | | |
| SOLIDWORKS Drawing Native File Support SOLIDWORKS INSPECTION STANDALONE APP PDF and TIFF Files Support (.pdf, .tif, .tiff) 2D CAD Files Support (*.dwg, *.CATDrawing, *.prt) 3D CAD Files Support (*.CATPart, *.CATProduct, *.p Optical Character Recognition (OCR) Customizable Recognition Engine Nominal Value and Plus/Minus Tolerances Bilateral Default Tolerances Upper and Lower Limits Calculation Multiple Drawings per Project Compare Drawing Revisions ExtractionXpert® Smart Extract V QUALITY SYSTEMS INTEGRATION Export to XML V REPORT GENERATION Export Ballooned Drawing to PDF Export Inspection Report to Microsoft® Excel® Pre-defined Industry Standard Templates (AS9102, I | PLICATION | | |
| SOLIDWORKS Drawing Native File Support SOLIDWORKS INSPECTION STANDALONE APP PDF and TIFF Files Support (.pdf, .tif, .tiff) 2D CAD Files Support (*.dwg, *.CATDrawing, *.prt) 3D CAD Files Support (*.CATPart, *.CATProduct, *.p Optical Character Recognition (OCR) Customizable Recognition Engine Nominal Value and Plus/Minus Tolerances Bilateral Default Tolerances Upper and Lower Limits Calculation Multiple Drawings per Project Compare Drawing Revisions ExtractionXpert® Smart Extract V QUALITY SYSTEMS INTEGRATION Export to XML V REPORT GENERATION Export Ballooned Drawing to PDF Export Inspection Report to Microsoft® Excel® Pre-defined Industry Standard Templates (AS9102, I | PLICATION | | |
| SOLIDWORKS Drawing Native File Support SOLIDWORKS INSPECTION STANDALONE APP PDF and TIFF Files Support (.dwg, .tif, .tiff) 2D CAD Files Support (*.dwg, *.CATDrawing, *.prt) 3D CAD Files Support (*.CATPart, *.CATProduct, *.p Optical Character Recognition (OCR) Customizable Recognition Engine Nominal Value and Plus/Minus Tolerances Bilateral Default Tolerances Upper and Lower Limits Calculation Multiple Drawings per Project Compare Drawing Revisions ExtractionXpert® Smart Extract V QUALITY SYSTEMS INTEGRATION Export to XML V REPORT GENERATION Export Ballooned Drawing to PDF Export Inspection Report to Microsoft® Excel® Pre-defined Industry Standard Templates (AS9102, I V RESULTS INPUT Characteristics Measurements Input | PLICATION | | |
| SOLIDWORKS Drawing Native File Support SOLIDWORKS INSPECTION STANDALONE APP PDF and TIFF Files Support (.pdf, .tif, .tiff) 2D CAD Files Support (*.dwg, *.CATDrawing, *.prt) 3D CAD Files Support (*.CATPart, *.CATProduct, *.p Optical Character Recognition (OCR) Customizable Recognition Engine Nominal Value and Plus/Minus Tolerances Bilateral Default Tolerances Upper and Lower Limits Calculation Multiple Drawings per Project Compare Drawing Revisions ExtractionXpert® Smart Extract V QUALITY SYSTEMS INTEGRATION Export to XML V REPORT GENERATION Export Ballooned Drawing to PDF Export Inspection Report to Microsoft® Excel® Pre-defined Industry Standard Templates (AS9102, I V RESULTS INPUT Characteristics Measurements Input Digital Measuring Tools Support (Digital Caliper, etc. | PLICATION | | |
| SOLIDWORKS Drawing Native File Support SOLIDWORKS INSPECTION STANDALONE APP PDF and TIFF Files Support (.pdf, .tif, .tiff) 2D CAD Files Support (*.dwg, *.CATDrawing, *.prt) 3D CAD Files Support (*.CATPart, *.CATProduct, *.p Optical Character Recognition (OCR) Customizable Recognition Engine Nominal Value and Plus/Minus Tolerances Bilateral Default Tolerances Upper and Lower Limits Calculation Multiple Drawings per Project Compare Drawing Revisions ExtractionXpert® Smart Extract V QUALITY SYSTEMS INTEGRATION Export to XML V REPORT GENERATION Export Ballooned Drawing to PDF Export Inspection Report to Microsoft® Excel® Pre-defined Industry Standard Templates (AS9102, I V RESULTS INPUT Characteristics Measurements Input | PLICATION | | |

| | | BEAGÓN |
|---|----------------------------|---|
| SOLIDWORKS MBD PRODUCT FEATURES | SOLIDWORKS MBD STANDARD | SOLIDWORKS STANDARD |
| ✓ 3D PRODUCT MANUFACTURING INFORMATION (PMI) DEFI | NITION | |
| Intelligent Dimensioning, Tolerancing, and Annotation (DimXpert) Freestyle Dimensioning, Tolerancing, and Annotation (Reference Dimensions) Comprehensive | | |
| Bill of Materials (BOM) DimXpert in Assembly | | |
| DimApert in Assembly | - | |
| V 3D PMI ORGANIZATION | | |
| 3D Annotation Views | | |
| Automatic Show and Hide Annotations as a Model Rotates3D Views Capturing Annotation Views, Configurations, | | |
| Display States, Section View, and Other View Settings | | |
| Compare 3D Annotation Differences Between Revisions | | |
| 3D Model Break Views | | |
| V 3D OUTPUT | | |
| Publish to eDrawings | | |
| 3D Output Template Customization | | |
| 3D PDF with 3D PMI, Views, and Meta Properties | | |
| Export Step 242 With Software Readble Annotations | | |
| SOLIDWORKSVISUALIZE | VISUALIZE | VISUALIZE |
| PRODUCT FEATURES | PROFESSIONAL | STANDARD (SOLIDWORKS PREMIUM & PROFESSIONAL) |
| Graphics Processing Unit (GPU) Accelerated Rendering | | |
| Hybrid Render Mode | | |
| Physically-Based Raytracing | | |
| CAD and Graphic File Support | | |
| Decals (Interactive Stickers) | | |
| Intuitive User Interface | | |
| | | |
| Advanced Material Support with NVIDIA MDL and PBR | | |
| Advanced Material Support with NVIDIA MDL and PBR Queue Rendering Manager | | |
| | | |
| Queue Rendering Manager | | |
| Queue Rendering Manager Visualize Boost Support Full Animation Suite Create VR Content | 1 | |
| Queue Rendering Manager Visualize Boost Support Full Animation Suite Create VR Content Video Decals | | |
| Queue Rendering Manager Visualize Boost Support Full Animation Suite Create VR Content Video Decals Integrated Physics Engine | | |
| Queue Rendering Manager Visualize Boost Support Full Animation Suite Create VR Content Video Decals | | |
| Queue Rendering Manager Visualize Boost Support Full Animation Suite Create VR Content Video Decals Integrated Physics Engine | | |
| Queue Rendering Manager Visualize Boost Support Full Animation Suite Create VR Content Video Decals Integrated Physics Engine Vehicle Driving Simulator | | |
| Queue Rendering Manager Visualize Boost Support Full Animation Suite Create VR Content Video Decals Integrated Physics Engine Vehicle Driving Simulator SOLIDWORKS SELL - eCOMMERCE FEATURES | | |
| Queue Rendering Manager Visualize Boost Support Full Animation Suite Create VR Content Video Decals Integrated Physics Engine Vehicle Driving Simulator SOLIDWORKS SELL - eCOMMERCE FEATURES Full Cloud Implementation | | |

BEAGÓN

Best Engineering Aids & Consultancies Pvt. Ltd.,

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| Ahmedabad | Bangalore | J Chennai | Goa | Mumbai | Pune Aurangabad |
|----------------|-----------------|-----------------|-----------------|-----------------|-------------------|
| 079 - 40084371 | 080 - 2608 0800 | 044 - 4266 1123 | 080 - 2608 0800 | 022 - 6861 0800 | 020 - 6711 4800 |