



STANDARD SOLIDWORKS STEEL DESIGNER PRO FEATURES

Automated Filing

- System Based Approach
- Filter Naming Library Storage
- Project to Library Automated Filing
- Library to Project Automated Filing
- PDM Compliant Project File Naming

Consolidation

- Part Marking and quantity collection of similar type components
 - Plates
 - Sections
 - vendor items
- Batch Data insertion into Components and Welded Member Assemblies
- Data Collection for Reporting and Automated Bills of Materials Insertion
- Plates Descriptions, Length, Grade and Weight Custom Properties are Automated
- Section Descriptions, Length, Grade and Weight Custom Properties are Automated

Part Insertion from the Library:

- Can be cloud Based, Standalone, Internal Network
- Reduced Levels\Elevation Levels with Built in Large Model Handling Processes
- Grids with Built in Large Model Handling Processes
- Vendor Components and detail drawings
- Driving Sketch Components
- Sections Components and detail drawings
- Plate Components and detail Drawings
- Face Select Hole Search for Fastener insertion
- Automated Chute Wall Plate Creation

Bolted Connections

- All SOLIDWORKS components modelled in a controlled way
- Custom Macro Interface Driven Bolted Connections linked to custom properties
- Up to 5 Welded Members can be connected at 1 joint
- Welded Cut Connections such as Copes, Trims, Miters
- Hole Component Creation for Plate to Section Matching

Batch Drawing Processes

- Drawing Custom Properties
- Revision Control
- Issue Register
- Sheet Template Swapping
- Revision Cleaning
- Bills of Materials (structural method with totals for each welded member)
- Drafting Standard swapping
- Pdf, dwg, dxf creation
- Run Macros over drawings



STANDARD SOLIDWORKS STEEL DESIGNER PRO FEATURES

Automated Detailing

- General Arrangement drawings with Automated Reduced Level and Grid Insertion
- Plate Details
- Section Details
- Purlin and Girt Details
- Automated Component Where Used Table
- Automated Fastener Tables for General Arrangements and Welded Members

Batch Processing on multiple Components:

- Materials
- Plate Grades
- Custom Properties
- Units
- Section Swapping
- Plate and Sheetmetal Flat Pattern Dxf for Plasma Cutting
- Hide and Show All Sketch features
- Hide and Show All Fasteners
- Fastener Clash Detection to check Holes

Reporting

- Materials List to Excel
- Where Used Component List
- Fastener Schedule
- Where Used Fastener Schedule

SOLIDWORKS Native Conversion to DSTV CNC .NC1 File

- All Global Hot Rolled Steel Sections except Pipe
- SHS and RHS
- Outer Contours
- Inner Contours
- Holes
- Bevels
- Copes
- Plates

Built in Massive Modelling Methods for 1 Million Component Projects

- Assembly Section Cuts from Grids and Reduced Levels
- Automated Configuration Creation
- Assemblies and Components
- Single Body Sections, Plates and Fasteners
- Automated Bills of Materials Data Creation

STANDARD SOLIDWORKS STEEL DESIGNER PRO FEATURES

Libraries

- Parametric Australian, American, Canadian, United Kingdom, European Libraries to Various Standards
- Parametric Bolted Connections such as Fin, Base, End, Brace, Rafter, Ridge, Purlin, Girt Connections to various Standards
- Parametric Welded Members such as handrailing, stairs, ladders, Beams, Rafter , Columns, Trusses, Platforms, Awnings and Bracing
- Parametric Parts of Driving Sketches, Fastener, Reduced Levels, Grids, Sections and Plates

Customer Support

Available Global 24hrs a day, 7 days per week in English Only at this stage.

Training

Online Videos in a customer portal or one on one via Zoom



For more information, please visit <http://www.steeldesignerpro.com/>

YouTube: <https://www.youtube.com/channel/UckCgg1BTm0uAHLJSL9QjOyA/videos>