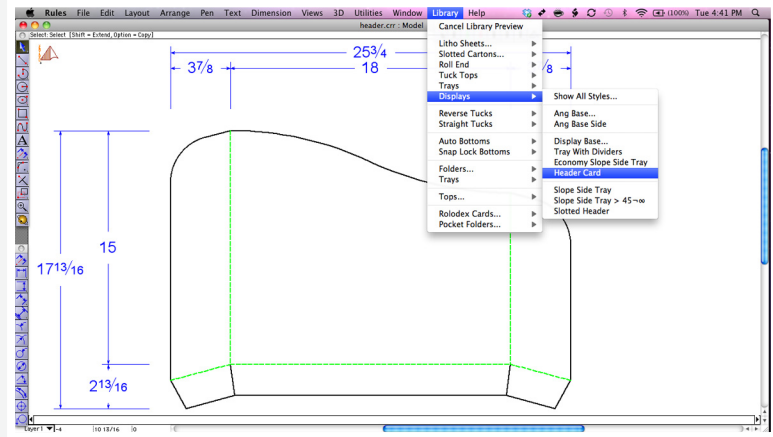


Rules™ v8 SP4

- Easy Ashlar-Vellum Interface with Drafting Assistant™
- Comprehensive Design Library
- Standard Rules and Variations
- Built-in Data Manager
- Integrated Parametrics
- Auto Dimensioning
- Automated Spec Sheets
- Matrix Score Simulation for Sample Tables
- Shrinkage Adjustment
- Mac/Windows Hybrid License



Rules provides everything from concept through production needed by a packaging or point-of-purchase display designer.

General Features

- 16 Place Floating Point Accuracy
- Hybrid Mac/Windows Office/Home Licensing
- Infinite Pan and Zoom
- 256 Layers with Grouping Control
- 234 Colors, 170 User-definable from a Palette of 16.7 Million
- Unlimited Drawing Size
- Unlimited Number of Objects

Drawing Tools

- Wireframe Creation Tools:
 - Point Line
 - Connected Line
 - Mid-point Line
 - Arc
 - Circle
 - Ellipse
 - Rectangle
 - Polygon
 - Through-point Spline
 - Vector Spline
 - Extrude
 - Revolve
 - Smart Walls
- Wireframe Editing Tools:
 - Fillet
 - Chamfer
 - Trim
 - Relimit
 - Break
 - Offset
- Add Spline Points
- Modify Spline Slope
- Intersect Two Curves
- Construction Lines
- Offset, Divide
- Insertion of Architectural Symbols in Smart Walls with Auto Healing
- Auto Healing of Intersections in Smart Walls

User Interface

- Updated, Intuitive Ashlar-Vellum Interface
- Drafting Assistant for Automatic Snaps and Alignments
- Smart Cursor Changes Shape Indicating Active Tool and Operations
- Tear-off Tool Palettes
- Strokes and Short Cut Keys Provide Instant Access to Commands and Macros
- Status Line to Specify Object Parameters
- Message Line Provides Tool Feedback, Instructions, and Options
- Edit Objects Dialog Box
- World and User-defined Coordinate Systems
- All Data Entry Fields can Perform Numeric Calculations
- Object Grouping and Locking
- Scroll Wheel Zoom and Spacebar Panning
- Axis Locking
- Orbit Tool
- Nudge Tool Moves Selected Items a User-definable Distance
- Selection Mask for Easier Selection of Specific Entity Types
- Grid (User-definable)
- Layer Manager

Sample Table Outputs

- Outputs:
 - HPGL
 - DXF 2000
 - DXF R14
 - DMP HI
- Sample Matrix

Data Manager

- Default Database Fields:
 - Customer Name
 - Job Number
 - Die#
 - Identification
 - Sales Rep
 - Drawn By
 - Spec No
 - File ID
 - File Path
 - Customer ID
 - Design #
 - Date
 - Number Out
 - Length
 - Width
 - Depth
 - Die Size X
 - Die Size Y
 - Total Inches
 - Knife Inches
 - Score Inches
 - Perf Inches
 - Cut-Score Inches
 - Cut-Crease Inches
 - Breaker Knife Inches
 - Balance Knife Inches
 - Mylar (Yes or No)
 - Laser Cut (Yes or No)
 - Notes
 - Blank Sq Ft
 - Grain/Corrugation Direction
 - Inside/Outside View
 - Flute Size
 - Finish Type
 - Joint Size
- Sub Assemblies Tracking
- Revision History Tracking
- Export Data Manager info to tab delimited text file

2D Drawing Creation

- Customizable Layouts
- Smart Dimension Tool Automatically Creates the Appropriate Dimensions
- Dimensions:
 - Linear
 - Angular
 - Diametric
 - Radial
 - Baseline Method
 - Chain Method
 - Ordinate (Datum Method)
 - Circle Center Marking
- Standard and User Definable Tolerances and Settings (ANSI, DIN, ISO, JIS, Dual, Architecture, and Stacked Fraction)
- Hatch and Fill Patterns
- Line Weights, Colors, Styles, and Rule Types
- Geometric Dimensioning & Tolerancing (GD&T)
- Dynamic or Static Dimensioning
- Auto Dimensioning
- Recon Tool
- Perf Tool
- Zipper Rule Tool
- Identical Line Removal
- Zero Length Line Removal

Additional Drafting Tools

- Automated Bill of Materials
- Symbols Panel
- Multiple Sheets per Document
- Spell Check Includes User Dictionary and Many Foreign Languages
- Navigator Palette
- Plotter Fonts (True Vector Style)
- Pen Style Palette
- Rules Type Palette
- Linearize Splines

Rules v8 SP4

Selection Tools

- Fence
- Crossing/Intersecting Line
- Enclosed Polygon
- Automatic Boundary Detection
- Eye Dropper

General Transform Tools

- Move
- Linear Duplicate
- Rotate
- Polar Duplicate
- Scale (Uniform)
- Mirror

2D Analysis

- Perimeter
- Area
- Weight
- Centroid
- Moments of Inertia

Localized User Interface

- English (US)
- Coming Soon:
 - English (UK)
 - French
 - German
 - Italian
 - Japanese
 - Portuguese
 - Spanish
 - Swedish
 - Russian (Windows only)

Symbol Libraries

- Reference of Instances Offers Updates upon Reentry
- Thousands Included
- Panel Provides Click-through Viewing of All Directories Prior to Loading
- Hundreds of Display & Packaging Designs
- Parametric Driven Designs
- Industry Standards ECMA & FEFCO
- Resizable Stylesheets
- Mechanical & Architectural CAD Libraries in ANSI & DIN

Text Tools

- Multi Line or Paragraphs
- Autotext Forms
- Normal, Bold, Italics
- At an Angle
- Set Font, Size, Color

Parametric Constraints

- 2D/3D
- Equation-driven
- Creates Smart Formula-driven Symbols

PDF Integration

- Direct (Generates Non-tessellated Arcs)
- Multi-sheet
- Optional Embedded Exports

Views

- Multiple
- Detail
- Dynamically Linked

Batch File Conversions

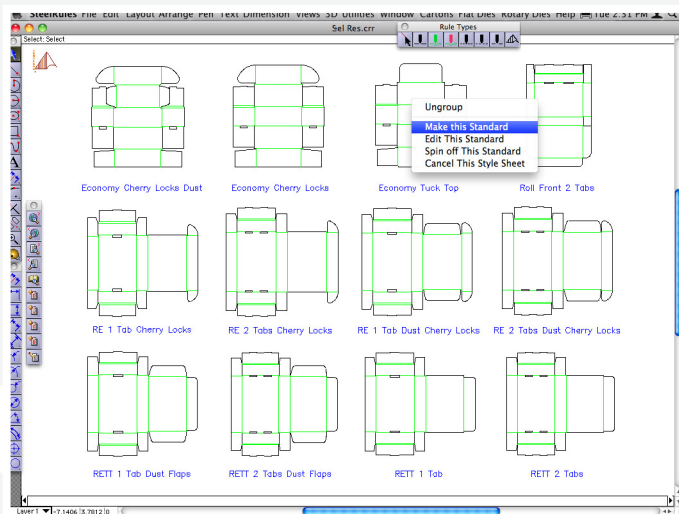
- Via Convert Command
- Per Directory

Import/Export

- DWG/DXF (Up to 2008)
- PDF (Export Only)
- EPS
- Graphite (Import Only)
- Vellum (Import Only)
- Score! (Import Only)
- JPEG
- PNG
- DDES2
- CFF2 (Export Only)
- Spline (Import Only)
- ASCII Text
- Claris CAD (Import Only)
- BMP
- MetaFiles (Windows only)
- Bill of Materials
- PICT (Mac Only)
- GCode (Import Only)
- Attributes (Export Only)
- HPGL
- Sample Table (Outputs):
 - HPGL
 - DXF 2000
 - DXF R14
 - DMP HI

Recommended System

- Windows / Macintosh
- Windows XP / 7 / 8
 - OS X 10.6 / 10.7 / 10.8 / 10.9 / 10.10 (Intel only)
 - DVD Drive or High Speed Internet Connection
 - USB Port or Network Connection for Key



Any design template is easy to find from the extensive list using Rules visual display.

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