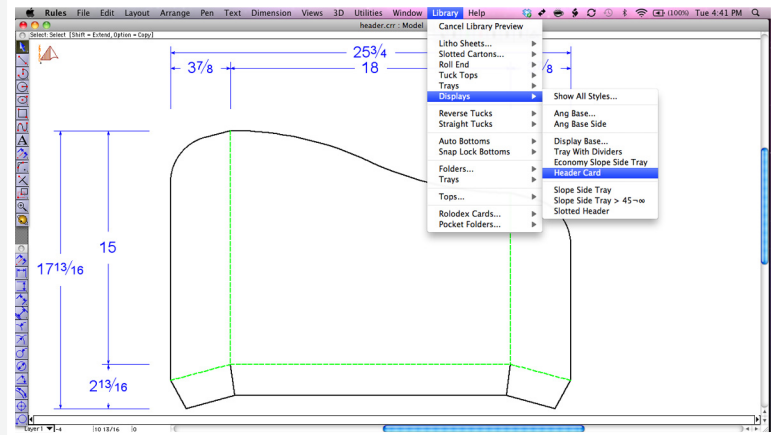


## Rules v8 SP2

- Easy Ashlar-Vellum Interface with Drafting Assistant™
- Comprehensive Design Library
- Built-in Database Integrated Parametrics
- Standard Rules and Variations
- 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 Database 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 SP2

### 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

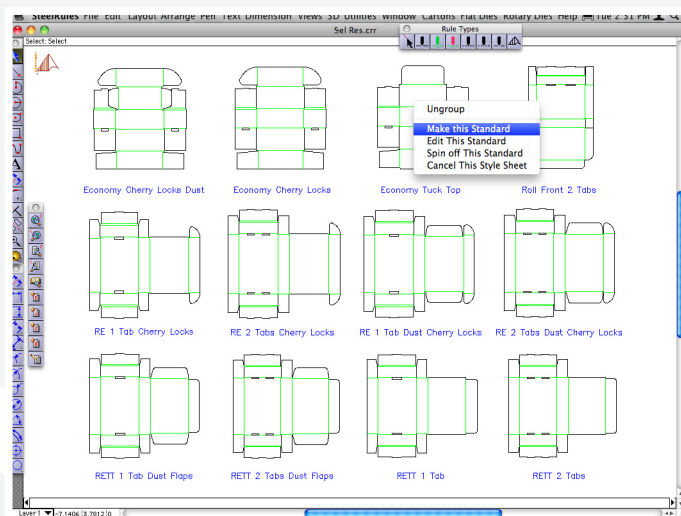
- Via Convert Command
- Per Directory

### 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/Vista/7
  - Mac OS X 10.4, 10.5, or 10.6 (PPC or Intel)
  - 256 MB RAM
  - 250 MB Free Hard Drive Space
  - 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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