DIE Professional™

The World's Leading Stamping Die Design Software For AutoCAD®.

DIE Professional is a comprehensive suite of AutoCAD® based software products designed to automate many facets of the stamping die design process. DIE Professional software modules can operate independently to address specific design requirements, or as an integrated solution encompassing numerous aspects of the die design process from initial part design through generation of die component detail drawings. This document provides a brief overview of the software modules available in the DIE Professional family. For a more detailed look, we invite you to visit our web site or contact a Striker Systems sales professional.

SS-Design™

Comprehensive Mechanical Design Interface

SS-Design is an advanced mechanical design and drafting system that serves as the base of all DIE Professional software modules. Because SS-Design remains active through the entire stamping die development process, these powerful tools are always readily available. A few of SS-Design's features include:

- ❍ Standard shape libraries including rectangles, slots, keyed holes, D-holes, etc.
- ❍ Advanced 2-D and 3-D feature creation including flanges, tabs, notches, etc.
- ❍ Parametric Feature Modification

- ❍ Automatic Dimensioning System
- ❍ Extended Dimensioning Commands
- ❍ Enhanced Layer Control
- ❍ Bill of Materials System
- ❍ Intelligent Drawing Borders
- ❍ Enhanced Viewing Command

- ❍ Geometry integrity verification and cleanup utilities
- ❍ Direct interface with Autodesk Inventor, SolidWorks, & Solid Edge
- ❍ New ribbon menu system provides intuitive user interface

SS-Unfold™

2-D & 3-D Unfolding Software

SS-Unfold is a comprehensive, wire-frame unfolding solution providing both 2-D and 3-D unfolding features. SS-Unfold offers not only flat part development, but also includes partial unfolding of 2-D sections to assist in the development of complex partial forming stations. SS-Unfold features include:

- ❍ 3-D Flat Part Creation
- ❍ 2-D Flat Part Creation Tools
- ❍ User definable materials library
- ❍ Material Based Leads
- ❍ Multiple Process Support (i.e. Cutting, Etching, etc)

- ❍ Automatic and Interactive Lead Placement
- ❍ Quickly Modify Cutting Parameters
- ❍ Auto Tab Placement
- ❍ Drop Door Support
- ❍ Bridge Cutting
- ❍ Chain Cutting
- ❍ Common Edge Cutting

- ❍ Optimum Corner Processing
- ❍ Cut Sequence Optimization
- ❍ Subroutine / Macro Support
- ❍ Head Down Processing w/ Collision Avoidance
- ❍ Auto Skeleton Destruction
- ❍ Tool-Path Viewing / Simulation
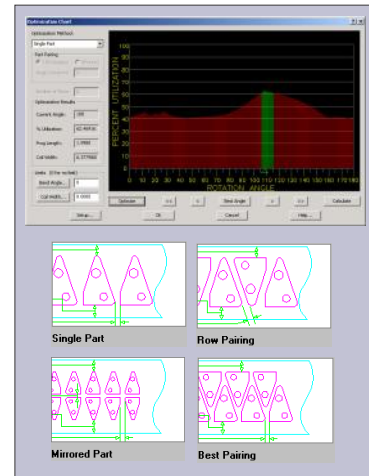- ❍ Work Clamp and Reposition Support (on applicable machines)

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Division of Computer Design, Inc.

DIE Professional™

SS-Strip Design™
Progressive Strip Design Software

SS-Strip Design assists in the creation of progressive strip layouts in AutoCAD. The designer retains complete control of part orientation, while SS-Strip Design generates recommended layouts for both single and multi-part out dies. Piercing and blanking tooling can then be applied and the progressive strip layout is automatically generated.
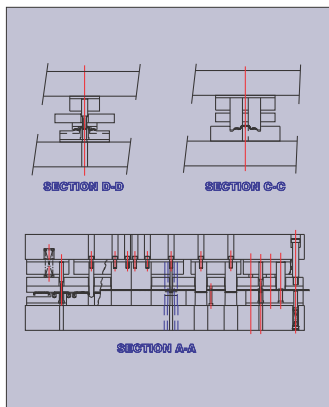
- True Shape & Rectangular Nesting
- Effortless "Nest Wizard" Interface
- Part Library w/ Advanced Search
- Part In Part Nesting
- Filler Part Support

- Work In Process Tracking
- Auto Best Sheet Selection
- Extended Calculation Algorithms
- Part and Assembly Nesting
- Batch Processing of DXF and DWG Files

SS-Die Design™
Stamping Die Design Software

SS-Die Design is a comprehensive collection of software utilities that tremendously advance the productivity of die designers using AutoCAD. Through the construction of an intelligent die model, many of the time-consuming tasks required by conventional die design techniques are reduced to a matter of seconds!

- Parametric die component catalogs including die sets, punches, buttons, fasteners, springs, and more.
- Automatically generate 3-D solid model of any component or of the entire die!

- Automatically create detail drawings of selected components or batch create detail drawings
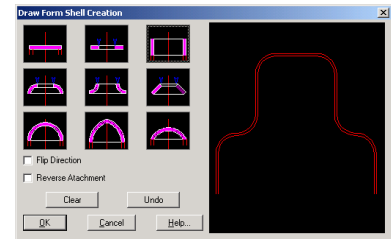- Work In Process Tracking

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DIE Professional™

SS-Draw Form™
Cylindrical Deep Draw Development

SS-Draw Form is an advanced draw form development system for AutoCAD that assists the designer with the creation of complex cylindrical and rectangular shells or the evaluation of existing drawn shells.
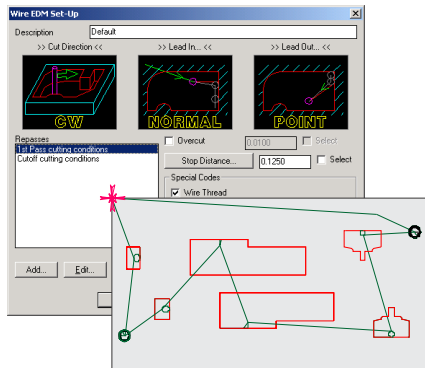
- ❑ True Shape & Rectangular Nesting
- ❑ Effortless "Nest Wizard" Interface
- ❑ Part Library w/ Advanced Search
- ❑ Part In Part Nesting
- ❑ Filler Part Support

- ❑ Work In Process Tracking
- ❑ Auto Best Sheet Selection
- ❑ Extended Calculation Algorithms
- ❑ Part and Assembly Nesting
- ❑ Batch Processing of DXF and DWG Files

SS-Wire EDM™
2 Axis & 4 Axis Wire EDM Programming

SS-Wire EDM is a two-axis and four-axis wire EDM programming software for AutoCAD. SS-Wire EDM offers a truly seamless CAD/CAM environment, generating NC programs directly from the AutoCAD drawing file.
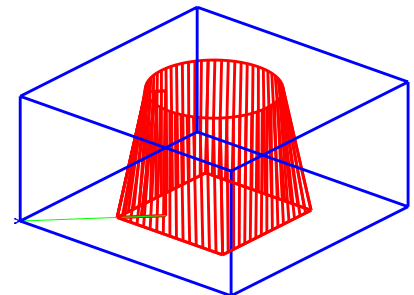
Two Axis Programming

SS-Wire EDM starts with the selection of a user-defined cut style from the AutoCut Styles Library. A cut style can be saved for each cut technique that may need to be repeated. Cut styles define all cutting parameters including cut direction, lead-in and lead-out type, the number of passes required, and compensation and taper information for each pass. With a cut style designated, programming is as simple as selecting the AutoCAD objects to process. The tool-path is applied and the NC program can be generated at any time. SS-Wire EDM even allows multiple NC programs to be generated from the same AutoCAD drawing file.

Four Axis Programming

SS-Wire EDM offers true four-axis programming directly from the AutoCAD drawing file. Simply select the objects that define the X,Y surface and the objects that represent the U,V surface. The tool-path is automatically created and the NC program generated.

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System Requirements

Supported operating systems

32-bit & 64-bit

- Microsoft® Windows® 10
- Microsoft® Windows® 8/8.1 Professional and Enterprise
- Microsoft® Windows® 7 Professional, Ultimate, and Enterprise

Supported CPU type

32-bit

- 32-bit Intel® Pentium® 4 or AMD Athlon™ Dual Core, 3.0 GHz or higher with SSE2 technology

64-bit

- AMD Athlon 64 with SSE2 technology
- AMD Opteron™ with SSE2 technology
- Intel® Xeon® with Intel EM64T support with SSE2 technology
- Intel Pentium 4 with Intel EM64T support with SSE2 technology

Memory

Minimum: 4 GB of RAM
Recommended: 8 GB of RAM

Graphics hardware

- Minimum – Display adapter capable of 1280 x 1024 at 24-bit true color
- Recommended – Display adapter capable of 1600 x 1050 at 24-bit true color

Hard disk space
- 3GB of free hard disk space (for installation)

.NET Framework
- .NET Framework Version 4.5

About Striker Systems...

For more than twenty years, Striker Systems has focused on providing integrated manufacturing solutions for the metal forming and fabrication industries. Our mission is to deliver our clients the most productive software technology through innovative industry research, excellence in product development, and a customer support system second to none.

A private corporation headquartered in White House, Tennessee, Striker Systems has shown extraordinary stability in an often tumultuous market. As many in our industry have come and gone, Striker Systems has remained a consistent leader. Our management team is devoted to the long term success of Striker Systems for our customers, our employees, and our community.

Although Striker Systems maintains a global presence, our management, product development, and customer service teams are located at our Tennessee headquarters. This allows us to respond quickly to continually evolving technology and gives our customers confidence - knowing that our service department is directly supported by the architects of our products.

We appreciate you considering Striker Systems for your metal stamping software needs. Striker Systems operates through a direct sales team as well as a network of key distributors. It is our sincere desire to provide the necessary information for you to make an informed, confident decision as you consider our products and services. If you have additional questions or if you would like to arrange a DIE Professional demonstration specific to the needs of your organization, please don't hesitate to call a Striker Systems Sales Team member today.

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