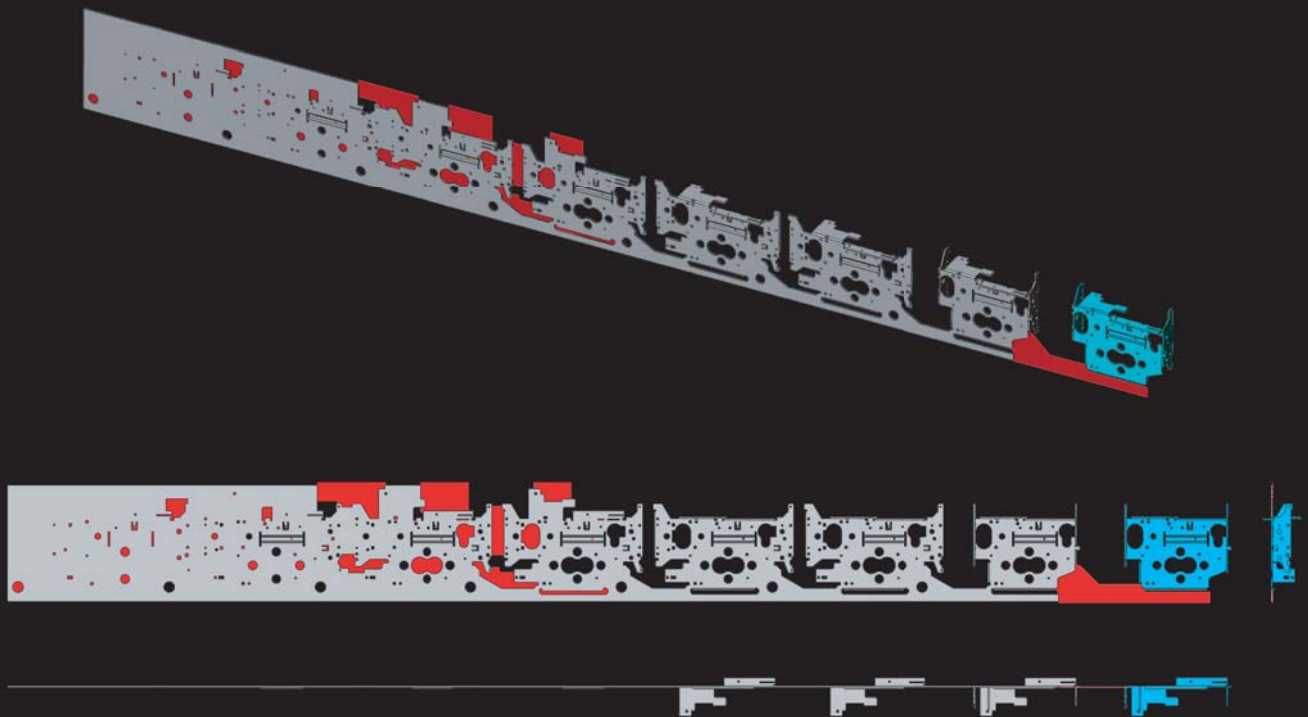


Today's requirements for die making are becoming more demanding with higher quality parts, shorter delivery time, and more complicated product design. Using the conventional 2D approaches can neither speed up the process nor minimize the engineering errors. 3DQuickStrip® is the latest innovation to help metal manufacturers communicate better with both the buyers and the tooling operations.

Developed on SolidWorks® technology, 3DQuickStrip® imports different types of 3D data into the system for the unfolding, bending, and cutting operations. Fully auto or manual mode can be chosen in the powerful unfold operation. Advanced feature recognition can handle complex sheet metal features. User Assisted Recognition can handle more tricky form features and secure a steady and fast design process. High performance 3D strip layout makes 3DQuickStrip® a leader among its competitors. Users may control the bending sequence by a few mouse-clicks on the Strip Layout Manager. With minimal 3D modeling skills, users can learn how to use 3DQuickStrip® in a very short time. 3DQuickStrip® can be upgraded to work with other users of 3DQuickPress® or smoothly interfaced to user's existing 2D punch and die design environment.



## 3D Strip Layout Design



To Enable Tooling Engineers To Use The Power of 3D Design  
[www.3dquicktools.com](http://www.3dquicktools.com)

# Best-in-class

## Features

### Interface

- ▶ Full range of CAD interfaces to read both imported or native data for 3D surfaces & solid models along with 2D drawings

### Unfold

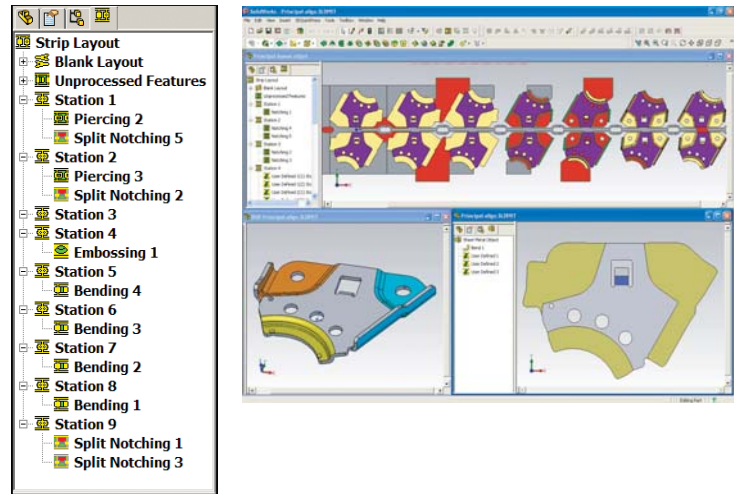
- ▶ Special modeling tools for cleaning data
- ▶ Powerful modeling functions
- ▶ Strong automatic metal feature recognition
- ▶ Handle deformed features, bends & bend allowance
- ▶ Generation of blank shape and layout
- ▶ Supports different bend conditions
- ▶ Organized unfolding manager
- ▶ Supports design for manufacture

### Strip layout design

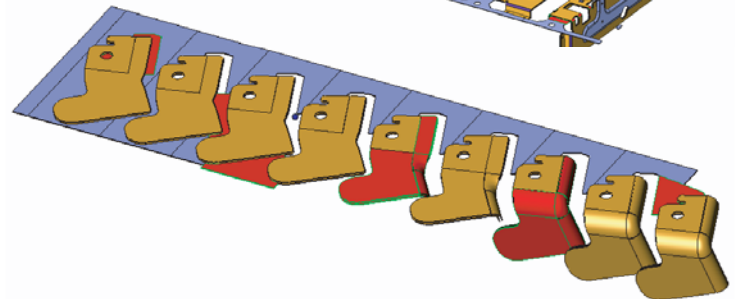
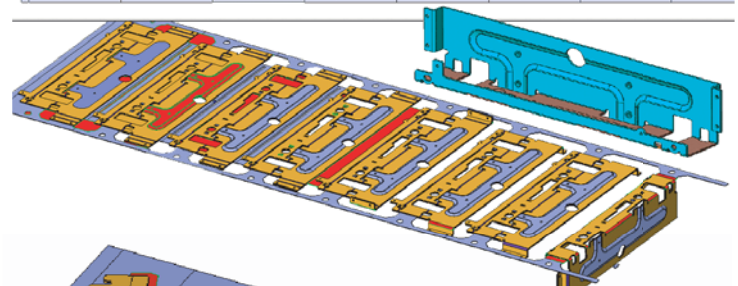
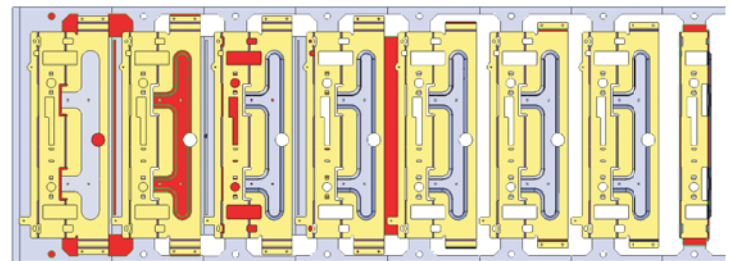
- ▶ Supports drag & drop, insert/delete stations
- ▶ Instant 3D feedback
- ▶ Strips for unlike parts
- ▶ Scrap design
- ▶ Feature renaming
- ▶ Stock optimization
- ▶ Center of force calculation
- ▶ Springback
- ▶ Intelligent strip layout with automatic associative properties
- ▶ Deep draw calculator
- ▶ WYSIWYG blank positioning
- ▶ Nesting in station layout
- ▶ Mirror unfold part
- ▶ Export to Excel for costing

### Members in 3D QuickTools product line

- ▶ 3DQuickPress : Complete die design solution
- ▶ 3DQuickForm & 3DQuickForm Professional : 3D forming simulation
- ▶ 3DQuickQuote : Quick quotation system for die designers
- ▶ Upgradable to 3DQuickPress, SolidWorks Gold Product for metal stamping industry



Strip Layout Manager



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