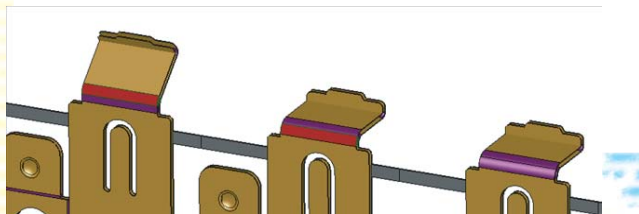
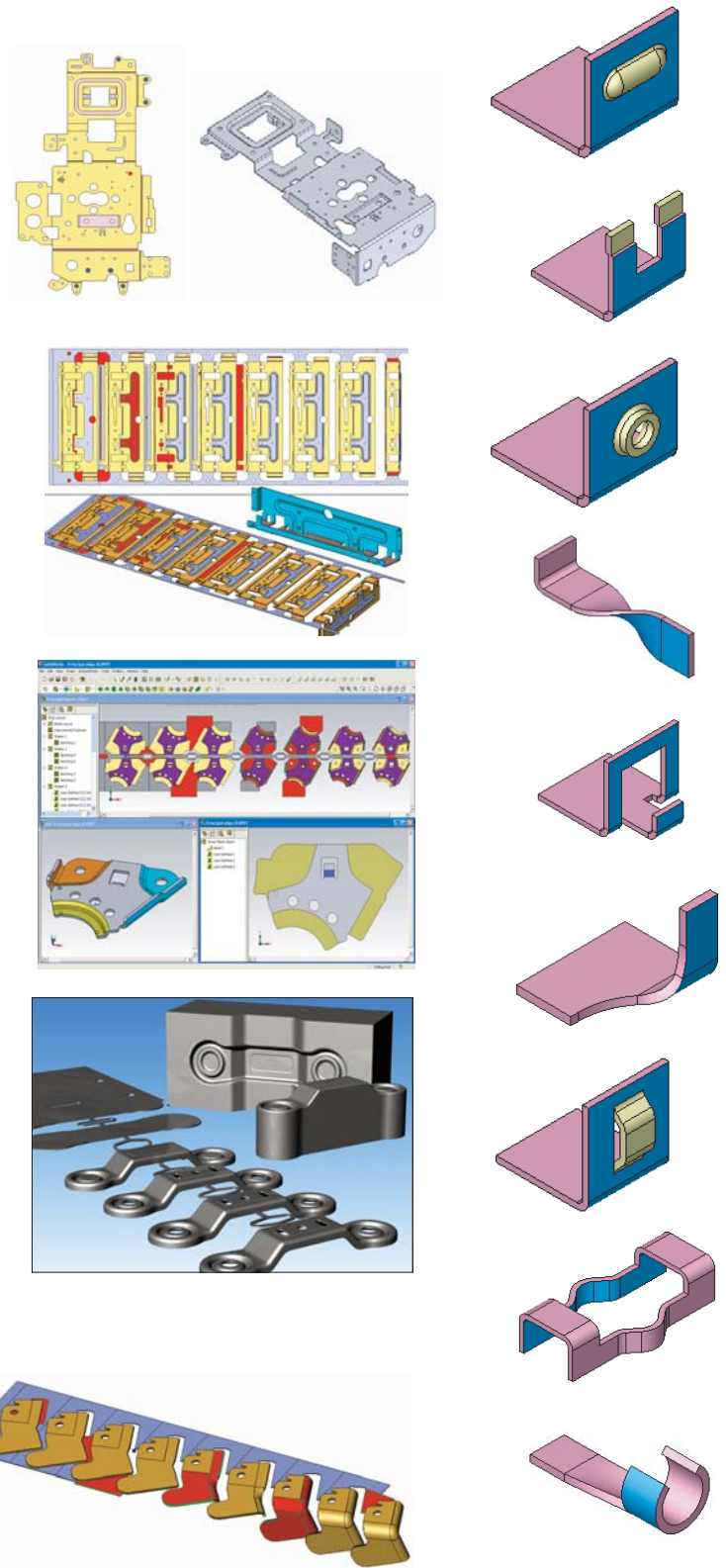


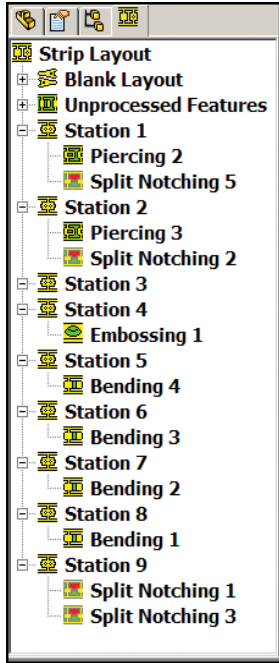


# Innovative Strip Layout Design Tool For Stamping

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

Developed on SolidWorks® technology, 3DQuickStrip® imports different types of 3D data into the system for unfolding the bending, forming and cutting operations. Fully automatic or manual mode can be chosen in the powerful unfolding stage. Advanced feature recognition can handle complex real world sheet metal features. User assisted recognition can handle tricky form features and secure a steady and fast design process. High performance 3D strip creation and modification, makes 3DQuickStrip® a leader among all the competitors. Users may control the bending sequence by a few mouse-clicks on the Strip Layout Manager. With minimal 3D modeling skill, users can learn how to use 3DQuickStrip® in a very short time. 3DQuickStrip® can be packaged with 3DQuickForm® to assist with complex formed parts. 3DQuickStrip® data can be transferred to 3DQuickPress® users for punch and die set.





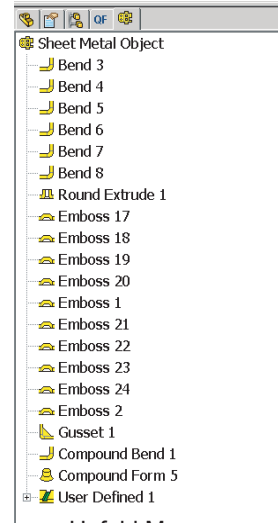
Strip Layout Manager

### Strip Layout Manager

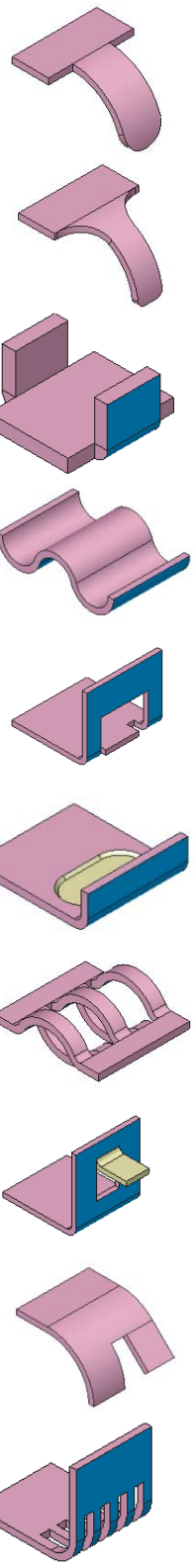
Provides users with intuitive tools to quickly complete the strip simply by drag and drop methods with instant graphical feedback.

#### Key Functions:

- Supports imported parts, surfaces and solid geometry
- Optimization
- Supports multiple parts
- Associativity between unfolded metal part and strip layout
- Superimpose strip layout for better visualization of the forming process
- Split punch
- Notch punch and internal notching punch
- Mismatch undercuts
- Partial bend
- Insert/delete stations
- Report on material utilization and center of cutting force
- Cutting length for tonnage calculation
- Advanced sketch tools
- Automatic feature recognition

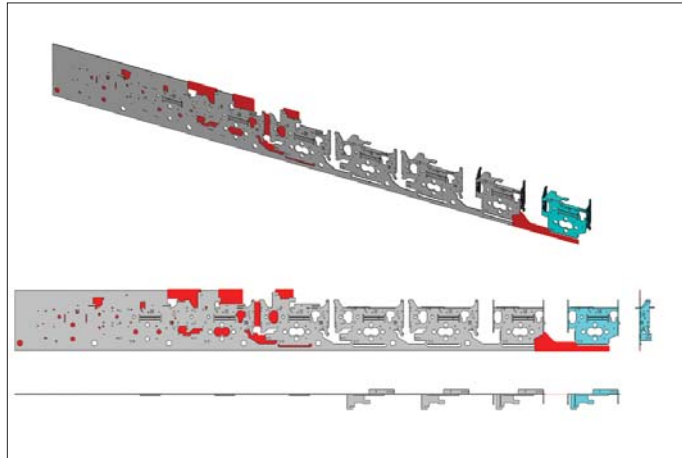


Unfold Manager



#### Latest Enhancements:

- Center of forces for each die block
- Force calculator considering, cutting, spring and bending forces
- User-defined feature for multiple stage forming
- Realistic spring back compensation
- Split bend for flexible strip design
- Swap parts allows user to handle any complex forming parts
- Transform part for multiple stage conventional stamping and transfer dies
- Deep drawing calculator
- Animated unfolding and Strip layout motion



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