

3D = A NEW WAY = THE FAST WAY = THE SAFE WAY

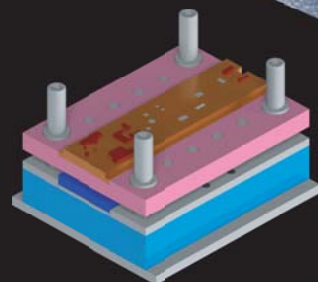
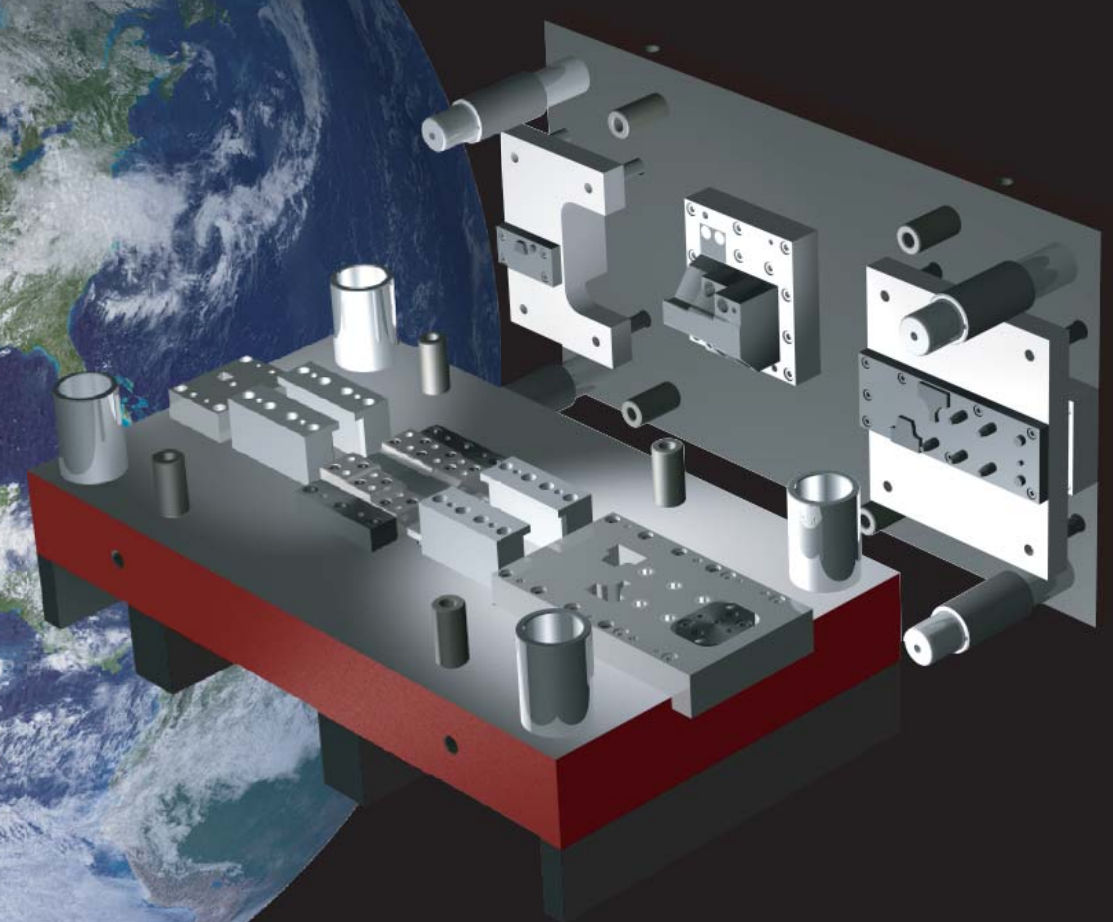
3D IS THE RIGHT WAY



Stamping Tools System for Autodesk® Inventor®

Fully functional within Autodesk® Inventor® window

3D TOOL DESIGN NOW



3D TOOL DESIGN
IS A PLEASURE

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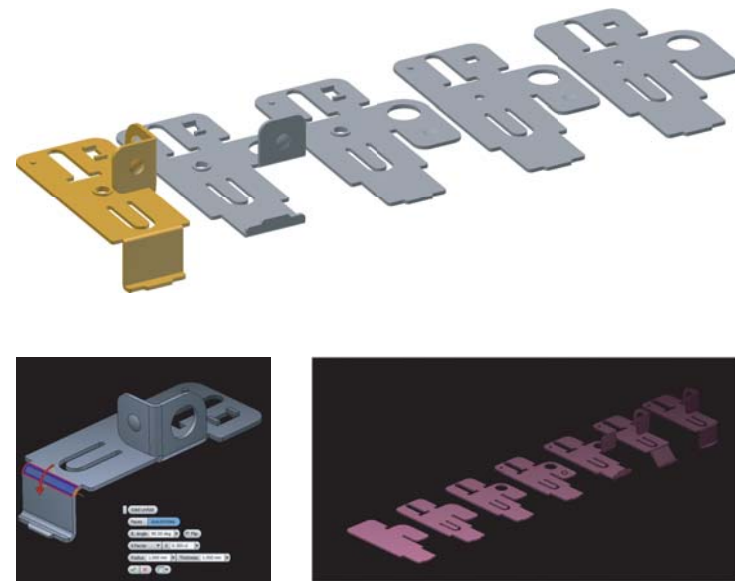
StampingToolsSystem



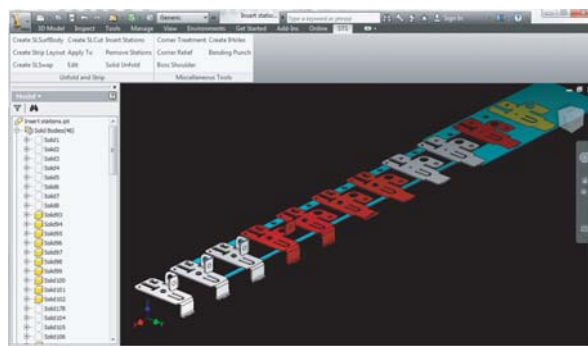
StampingToolsSystem (STS) is focused on enabling Autodesk Inventor to speed up tool design process. Being fully functional within Autodesk Inventor window, STS composes key functions like unfold, strip layout, punch design and utilities. Ease of use and fast 3D modeling in STS allows tool designers to create their 3D parts swiftly. The short learning curve of STS minimizes the hurdle to migrate from 2D to 3D tool design. Tooling companies may use STS to speed up their quotation preparation to win more business with less guesswork.

UNFOLD

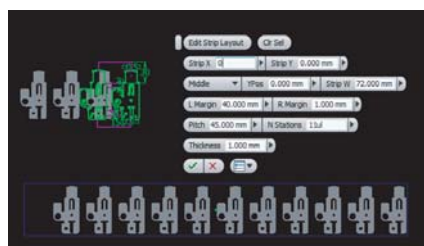
Powerful unfold helps tool designer to quickly unfold sheet metal parts. Unfold functions are based on industrial proven formulas and rules to give accurate results. STS provides face and solid unfold. Users can flexibly unfold imported geometries from different CAD systems. Bend can be unfolded with variable bend angles and user can fine tune the number of steps in the unfold process.



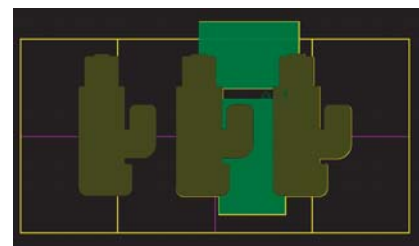
STRIP LAYOUT



Parametric strip layout helps user to try out the right number of stations by adding or deleting the stations on the fly. All the strip layout parameters like pitch, margins, thickness, etc. can be modified with instant graphic feedback. User can communicate the strip design with customers and carry out strip modification right away. Customer satisfaction is guaranteed.



parametric strip

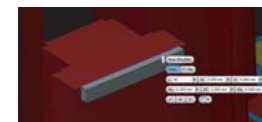
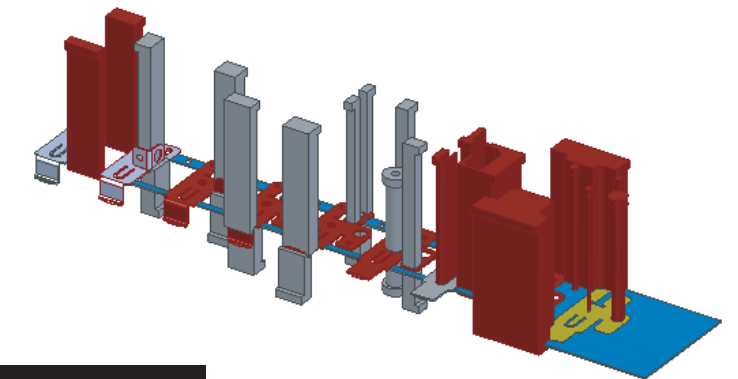


notching design

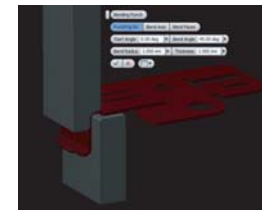


PUNCH DESIGN

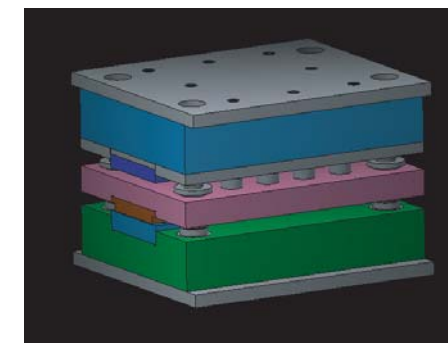
User can apply STS punch design tools to create bending punches, boss shoulder and corner match features. Fully parametric driven environment gives user instant feature creation to avoid tedious modeling steps. System response is fast to make tool design a pleasure even in the case of highly complex die design projects.



shoulder tools



bending punch

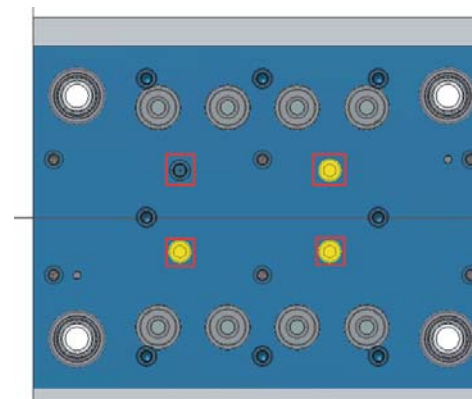


die set design



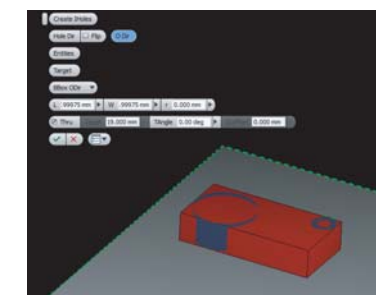
corner relief

UTILITIES

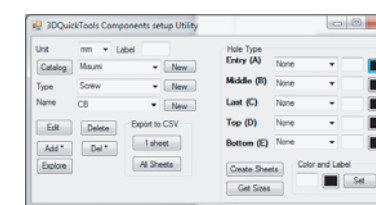


platform to insert die set component, holes creation for plates

A set of utilities like corner relief and holes creation further strengthen Autocad Inventor to be the ideal tool design platform. STS customization tool is Excel driven to give user the power to develop their specific automation steps without complex programming.



Bounding box; circle, offset & taper cut



Excel driven

