

3DQuickQuote enables metal stampers to create detailed quotes with speed and accuracy. It helps company owners and sales professionals win new business by providing accurate manufacturing data related to the metal parts. It takes just a few minutes to learn, and with just a few mouse clicks, users can fully utilize the system. As an add-onto SolidWorks, 3DQuickQuote can provide reports on parts from other CAD systems or native SolidWorks files. Replacing the traditional manual method, users can do a quick cost analysis in response to change of customer's specifications. Users will see time-saving benefits for metal parts with more complicated features. The system will output data in an Excel format report which includes material utilization, 2D blank layout, total cutting length, total number of holes, individual hole perimeter, optimized orientation, and other useful data. With Excel's automation tools, users may create customized costing templates to achieve a more automated quotation system. 3DQuickQuote is a good starting point for conventional stampers to use 3D data received directly from their vendors.

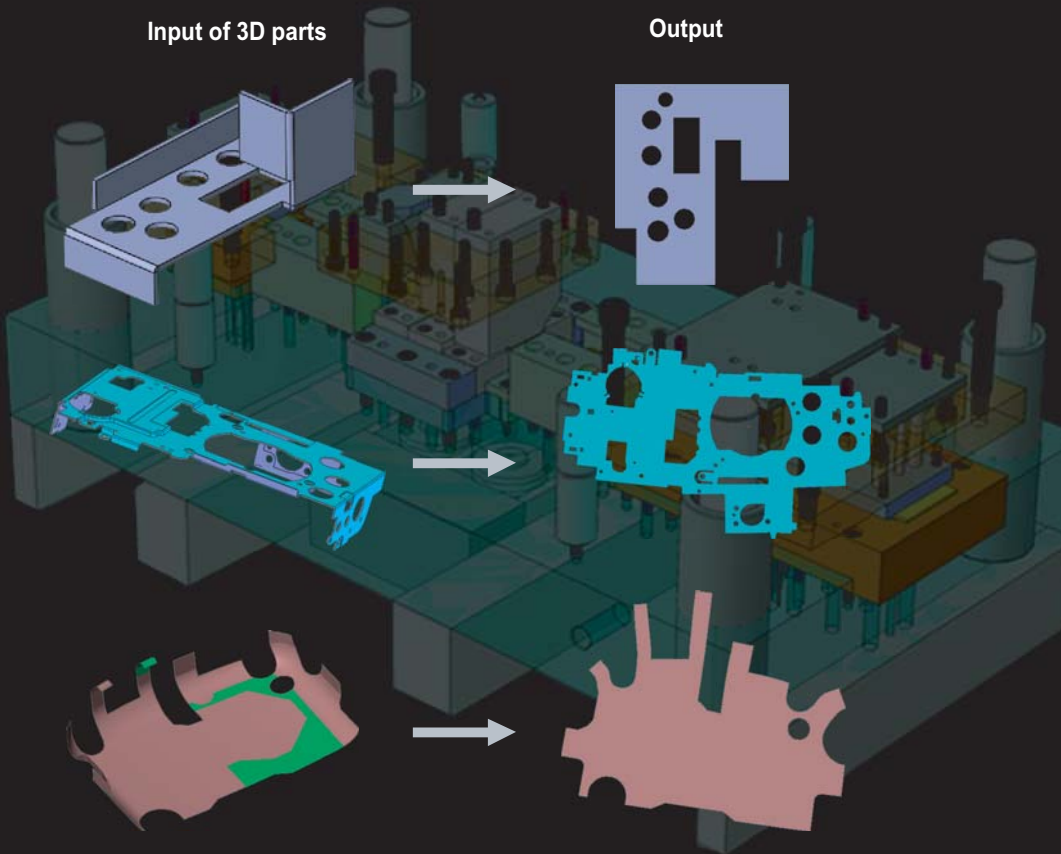


Quick Quotation System for Die Designers



Input of 3D parts

Output



Report

Part File Name:	D:\3DQuickPress\R&D\Challenge\UserData\01-User.SLDPRT		
Material:	S.P.C.C.		
Thickness:	1.6mm		
Calculated Blank Size:	404304.51 sq.mm		
Cutting Length:	3106.15mm		
Number of Holes:	413		
Optimum Pitch:	25mm		
Optimum Width:	878.85mm		
Optimum Orientation:	40deg		
Hole No	Type	Perimeter (mm)	Insert Width (mm)
1	Irregular	11.32	4
2	Round	9.32	2.9
3	Round	8.08	2.51
4	Irregular	17.54	5.8
5	Round	9.63	3

To Enable Tooling Engineers To Use The Power of 3D Design

www.3dquicktools.com

Best-in-class

Members in 3D QuickTools product line

3DQuickPress

Complete 3D Solution for Die Designers

- ▶ Unfold
- ▶ Strip layout design
- ▶ Punch design
- ▶ Die set design

3DQuickStrip

3D Strip Layout Design

- ▶ Unfold
- ▶ Strip layout design

3DQuickQuote

Quick Quotation System for Die Designer

- ▶ Quick cost analysis
- ▶ Material utilization
- ▶ Data for production planning

3DQuickForm

3D Blank Development Tool

- ▶ Get blank contours of parts which cannot be folded/unstamped in traditional ways
- ▶ Graphical plots of thinning and thickening of materials, stress/strain, etc.
- ▶ Complete integration with 3DQuickPress providing the blank shapes for die design process

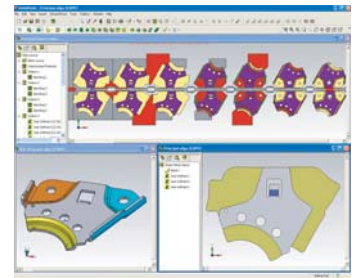
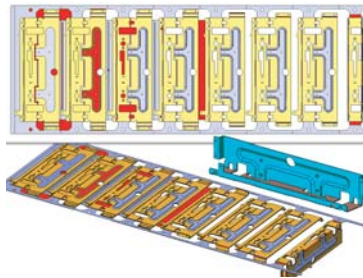
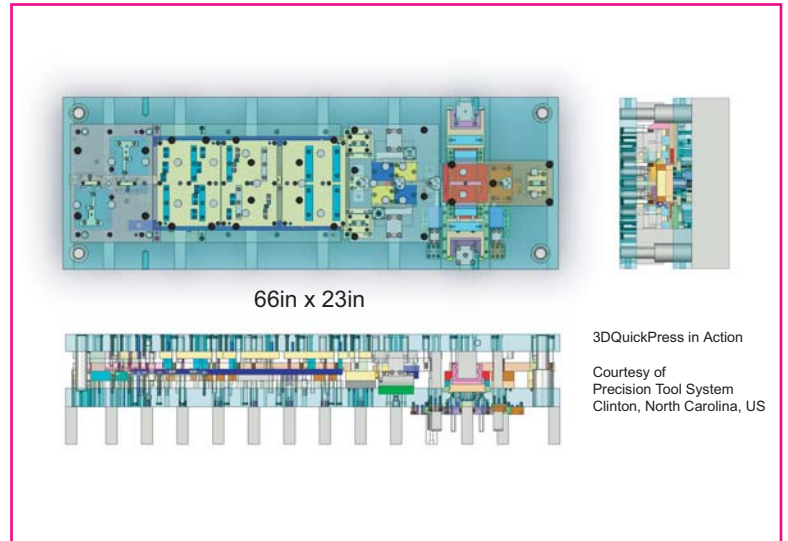
3DQuickForm Professional

Enhanced Version of 3DQuickForm

- ▶ Part unfolded to non-planar initial blank
- ▶ Symmetrical Boundary Conditions
- ▶ Support Flanging

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