POWERFUL TOOL DESIGN SOLUTIONS

EASY +
QUICK +
FLEXIBLE +
ACCURATE +
FAST STRIP LAYOUT +
POWERFUL UNFOLD +
3D COMMUNICATION +
COMPLETE TOOL DETAILING +
PRODUCTION-READY-LIBRARY +
SMART FEATURE RECOGNITION +
HIGH ASSEMBLY PERFORMANCE =

POWERFUL TOOL DESIGN SOLUTIONS by 3D QuickTools
**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  
Extract identical features  
Copy Forming steps  
Hole cluster  
Multiple thickness part  
Coining  
User-Defined Feature  
Export Face with SolidWorks annotation

**WORLD WIDE SUPPORT**

**ELECTRONICS**  
**PRECISION PARTS**  
**MACHINERY PARTS**  
**CONNECTORS, TERMINALS**  
**MEDICAL PARTS**  
**STANDARD**

**strip layout**

Support drag & drop  
Support insert/delete stations  
Instant 3D feedback  
Strips for unlike parts  
Scrap design  
Feature renaming  
Stock optimization  
Centre of force calculation  
Springback  
Intelligent strip layout with automatic associative properties  
Deep draw calculator  
WYSIWYG blank positioning  
Display Enhancement  
Features Group  
Clone internal notching to identical holes  
Annotation feature  
Swap Part  
Edit Swap Face  
Nesting in station layout  
Mirror unfold part  
Export to Excel for costing
**dieset**

- Auto creation of cutting & bending punches
- User defined punch
- Die inserts
- Punch features are fully editable
- Production-Ready-Library
- Easy customization without programming
- Punch design utilities
- User definable databases
- Automatic hole creation
- Edit hole table
- Tools for component placement
- Support compound die and transfer die
- Interference detection

**Structured die set assembly**
- Standard & user definable components w/o programming
- Tools for modifying die set structure
- Simulation of die mechanism
- Standard catalog components
- Automatic BOM & QuickDrawing
- Assembly drawing generation
- Sort balloon
- Auto-ordinate dimensioning
- Report generation
- Change over tooling
- Concurrent Design Environment
- Create cutting punch

**Round punch for ob-round hole**
- Export face in user defined component
- Link Manager
- Translate components in polar direction
- User interface to adjust die set center
- Quick start die design optimized for stage and transfer tools
- Quick standard component insert
- Automatic component insert & hole creation
- Fast automatic cavity creation
- Fast update
- Relief cut function

**drawing & manufacturing**

- Versatile Hole Table
- Section line
- Hole callout
- Edge callout
- Sketch Tools
- Design to manufacturing Integration
- Support wirecut machining

**TOOL DESIGN SOLUTIONS**

www.3dquicktools.com