

INNOVATIONS NX 9.0

BIHLER SOFTWARE bNX

TOOL LAYOUT MODULE

MADIS

- Definition of favorites

FORMING STUDY

- Main menu is replaced by a folding navigation bar in the sub-menus
- New cleanup functions for the customer part geometry (Create new bending surface / Surface optimization)
- Improved definition of co-axial bending areas
- Consideration of divided bending areas when defining the springback
- Pin to remember your chosen K-factor calculation basis
- New toolbar in the forming concept with testing / auxiliary function
- Optimized creation of the auxiliary geometry for part alignment in the forming concept
- Wire construction: Extensions in „bNXFlange“ dialog

STRIP LAYOUT

- Transition to the NX form element „pattern geometry“ in circuit board layout and stamping strip
- Trim direction of the stamping strip depending on the direction of belt travel
- New menu navigation for positioning the blanking punch and the bending positions on the strip

ENGINEERING- TEMPLATES

- Extension of the standard interface for RM-NC, GRM-NC and BM1500

DIE TOOL CONCEPT

- New application with animation for strip creation including stamping and bending operations
- Positioning of multiple viewfinders

KINEMATICS MODULE

CAM TIMING CHART

- More convenient edition of the NC operation profiles
- Various extensions for calculation and kinematics data

SIMULATION

- Redesign of the user interface
- Simulation with several timing charts

FLOW CONTROL („BETA VERSION“)

- New application for creating multi-stage logic diagrams
- Introductory or trial phase for customers with NC machines (-> BIMERIC BM)
- Starting with NX10, flow control is fully available and will replace the „Logic diagram“ application

B-TOOLS

ASSEMBLY MANAGER

- Automatic completion of attributes with part attributes, part names or part dimensions

PROJECT ASSEMBLY

- Configurable menu for calling user-defined standard assemblies
- Input option for the file name
- Project number can be added to DB_PART_NAME and / or filename as a prefix / suffix
- Value of the part attribute B_ITEM_OWNER configurable
- Standard assembly for wire construction as a new template

PLOT & EXPORT

- Multiple configuration files can be defined