

## STRIKER 2014 & 2015 FEATURE ENHANCEMENTS

The Striker Systems 2014 & 2015 family of sheet metal CAD/CAM & Nesting solutions delivers significant customer-centric enhancements. The focus of these newest releases is reducing the number of steps to go from CAD part to shop ready NC code. Less time programming translates to greater overall productivity. The following represents many of the features found in these exciting new releases.

### SS-PUNCH

- **All New Auto Punching Interface** - A new auto punching interface allows parts to be punched in “preview” mode prior to being accepted.
- **Intelligent Concentric Circle Processing** - All new automatic processing of concentric circular geometry that primarily benefits tapping and countersink operations.
- **Automatic Tool Substitution & Reprocessing** - All new advanced tool substitution functionality that greatly simplifies the replacement of pre-existing tooling and tooling cycles present on a part.
- **Additional Auto Punching Control** - Additional user-settings have been added to the SS-Punch interface to better control automatic tool selection during auto punching operations.
- **Improved Auto Punching Algorithms** - The auto punching algorithms have been improved potentially providing better tool selection and usage during auto punching operations. This minimizes the need for manual intervention during punching operations.
- **Improved Manipulation of Punched Parts** - Punched parts can now be manipulated (i.e. moved, copied, rotated) without having to window select all objects.
- **Improved Turret Dialog** - The Tool Crib section of the turret dialog now displays additional details of each tool and a thumbnail image of special tools without having to click into the tool dialog. This makes it much easier to identify and load special tools, particularly if the special tool inventory includes a large number of special tools with similar names.
- **Sustained Shear Gap** - When punching part perimeter edges that include small notches, a shear gap variable can be set to punch across notches up to a designated width. This can better optimize the NC code and potentially reduce tool changes.
- **Improved Tabbing Command Flow** - The number of mouse operations to place tabs (micro-joints) has been significantly reduced.
- **Tool images Can Now Be Displayed in Setup Sheet** - Images of all tools can now be included in the setup sheet at the tool load angle. This helps the machine operator verify accurate tool load, particularly with special tools.
- **Setup Sheet Tool Sorting** - Tools can now be listed on the setup sheet in the turret station order (i.e. 101, 202, 303, etc.). This is helpful in multi-track turret loading as the setup sheet station sequence now matches physical station order.
- **Auto Punching Can Now Load Tools in Reverse Station Order** - If tools are being auto loaded during auto punching, the tool load can now start at end of the station sequence and work forwards. (i.e. 345, 344,...244, 243,...100). For triple-track turrets this allows stations with the lowest table reach to be auto loaded first.
- **New Clone Part Command** - Revisions to a punched part (i.e. changed hole size) can be quickly propagated to other instances of the part on the layout.
- **Workflow Wizard Optimization Defaults** - The Workflow Wizard now allows a default optimization setup to be maintained with each CNC machine driver. The programmer no longer needs to adjust optimization settings between CNC machine drivers.

*\*Continued on next page.*

## STRIKER 2014 & 2015 FEATURE ENHANCEMENTS

The Striker Systems 2014 & 2015 family of sheet metal CAD/CAM & Nesting solutions delivers significant customer-centric enhancements. The focus of these newest releases is reducing the number of steps to go from CAD part to shop ready NC code. Less time programming translates to greater overall productivity. The following represents many of the features found in these exciting new releases.

### SS-PROFILE

- **All New Advanced Tool-Path Editing Interface** - Comprehensive new interface includes modification of lead types and locations, cut direction, kerf, cut sequencing, and head up/down control.
- **Enhanced Cut Sequence Options** - The options for changing the cut order within a part are vastly improved.
- **Automatic Part Labeling** - Automatically position part numbers and other desired part information to parts for automatic etching.
- **Workflow Wizard Optimization Defaults** - The Workflow Wizard now allows a default optimization setup to be maintained with each CNC machine driver. The programmer no longer needs to adjust optimization settings between CNC machine drivers.

### SS-NEST

- **Automatic Part Labeling** - Automatically position part numbers and other desired part information during nesting operations.
- **Nest Style Support** - Nesting parameters such as part spacing and sheet margins can now be saved as a nest style. These nest styles can then be associated to desired machine drivers. This eliminates the need to adjust nesting parameters when calculating nests for different machine types.
- **Enhanced Interactive Nesting** - Now supports interactive drag and drop nesting with “bump” feature to insure consistent spacing between parts and sheet margins.
- **Enhanced Optimization for Auto NC Operations** - Our newest tool-path optimization methods, found previously only through Workflow Wizard, can now be set as the default for Auto NC operations from SS-Nest.

### PARTSHARE

- **Automatic Part Labeling** - Automatically position part numbers and other desired part information on parts as they are inserted from PARTshare.
- **Direct File Import** - DXF and DWG files can now be directly imported into the PARTshare library, allowing PARTshare to be populated with a large quantity of parts with minimal user interaction.
- **Part Import Shortcut** - Selected parts can now be added to the PARTshare library without invoking the PARTshare dialog. The only dialog retrieved is the Part Information dialog, which reduces the steps required to add parts to the PARTshare library.

*\*Continued on next page.*

## STRIKER 2014 & 2015 FEATURE ENHANCEMENTS

The Striker Systems 2014 & 2015 family of sheet metal CAD/CAM & Nesting solutions delivers significant customer-centric enhancements. The focus of these newest releases is reducing the number of steps to go from CAD part to shop ready NC code. Less time programming translates to greater overall productivity. The following represents many of the features found in these exciting new releases.

### GENERAL

- **AutoCAD 2015 Compatibility** - Fulfilling our commitment to maintain compatibility with AutoCAD, FAB Professional 2015 is fully compatible with AutoCAD 2015 and AutoCAD Mechanical 2015.
- **Windows 8 Support** - Fully certified for Windows 8 allows STRIKER 2015 to operate on the newest computers.
- **Intelligent Command Line** - The command line interface now includes AutoCorrect, Adaptive Suggestions, and Synonym Suggestions.
- **Drawing File Tabs** - Drawing file tabs provide a fast and visual way to switch between open drawings or to create and open additional drawings.
- **Property Edit Preview** - Dynamically and instantaneously preview changes to object properties before applying them.
- **Classic Array** - The Classic Array command that was removed from the AutoCAD OEM engine with Release 2013 has been brought back for Release 2014.

### SYSTEM REQUIREMENTS

#### Supported operating systems

##### 32-bit & 64-bit

- Microsoft® Windows® 8/8.1 Professional and Enterprise
- Microsoft® Windows® 7 Professional, Ultimate, and Enterprise

#### Supported CPU type

##### 32-bit

- 32-bit Intel® Pentium® 4 or AMD Athlon™ Dual Core, 3.0 GHz or higher with SSE2 technology

##### 64-bit

- AMD Athlon 64 with SSE2 technology
- AMD Opteron™ with SSE2 technology
- Intel® Xeon® with Intel EM64T support with SSE2 technology
- Intel Pentium 4 with Intel EM64T support with SSE2 technology

#### Memory

**Minimum:** 4 GB of RAM

**Recommended:** 8 GB of RAM

#### Graphics hardware

- Minimum – Display adapter capable of 1280 x 1024 at 24-bit true color
- Recommended – Display adapter capable of 1600 x 1050 at 24-bit true color

#### Hard disk space

- 60GB of free hard disk space

#### .NET Framework

- .NET Framework Version 4.5