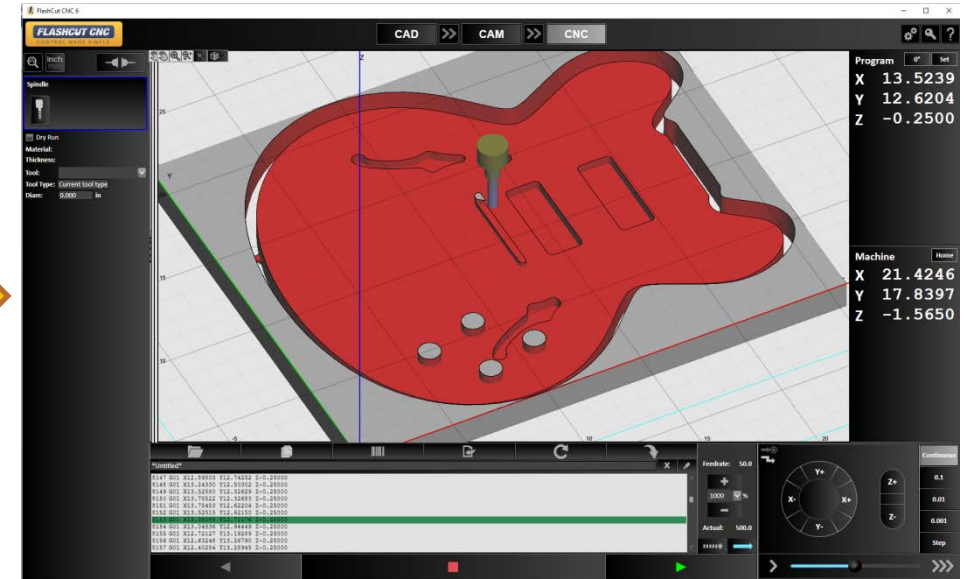
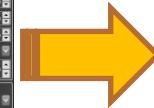
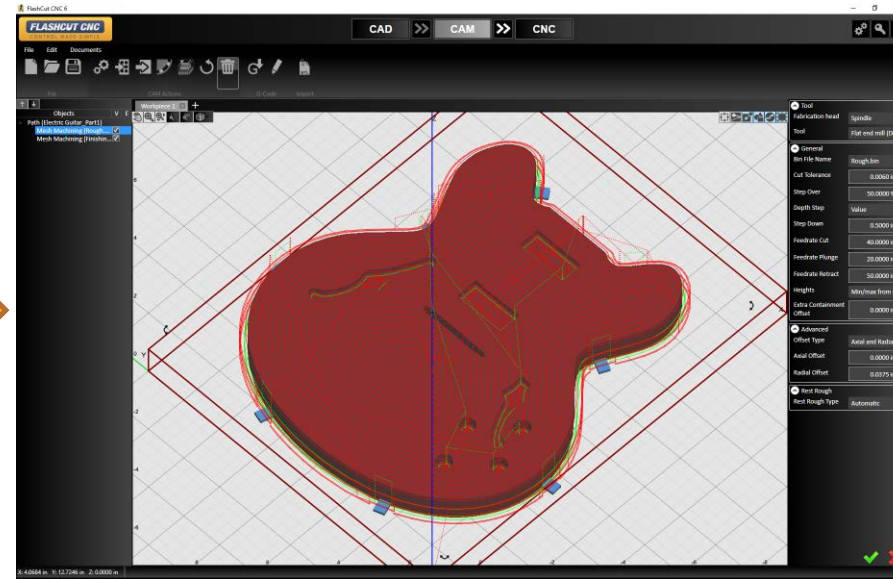
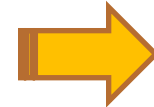
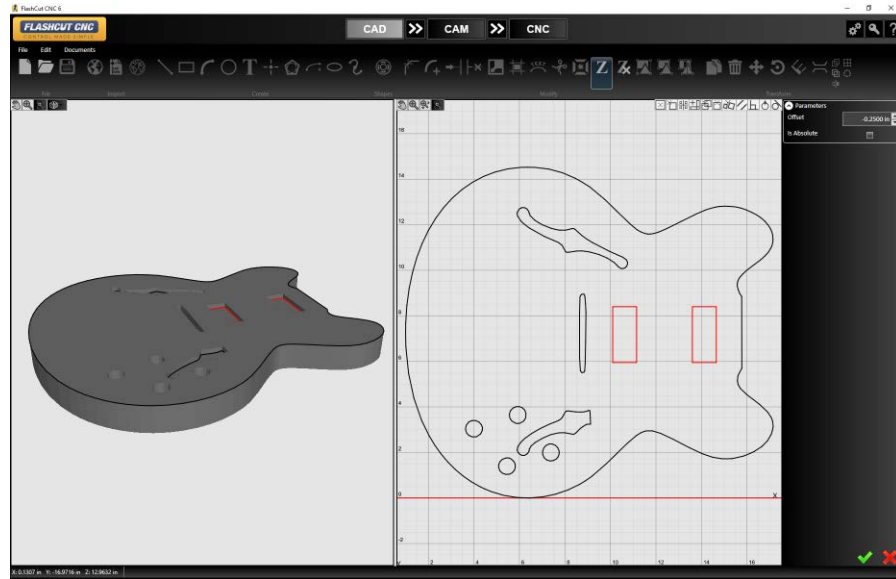


# Design to toolpath to real parts has never been easier



## Introducing the world's easiest 2.5D CAD for milling and routing

- Easily create simple or complex shapes from lines/arcs/polylines/circles/ellipses/splines
- Powerful import of 2D and 3D files
- Shape library allows you to instantly draw and customize common shapes.
- Easily create a pocket, profile or an island from any feature.

## FlashCut's 3D CAM creates accurate toolpaths instantly

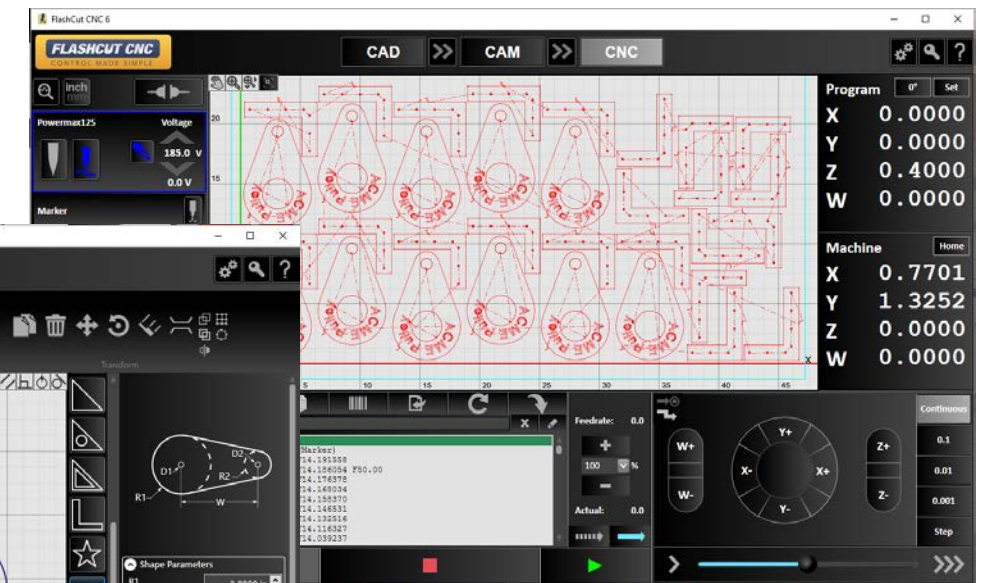
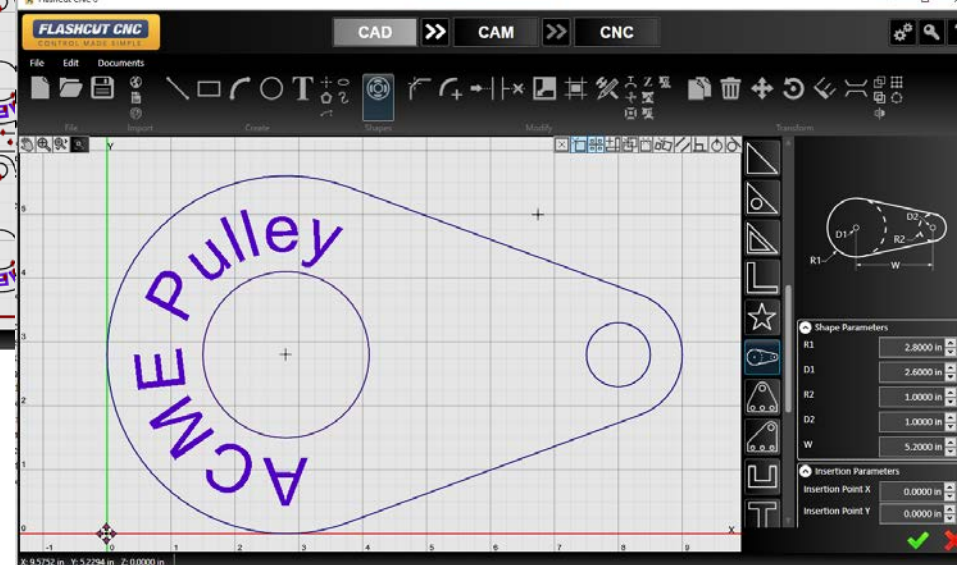
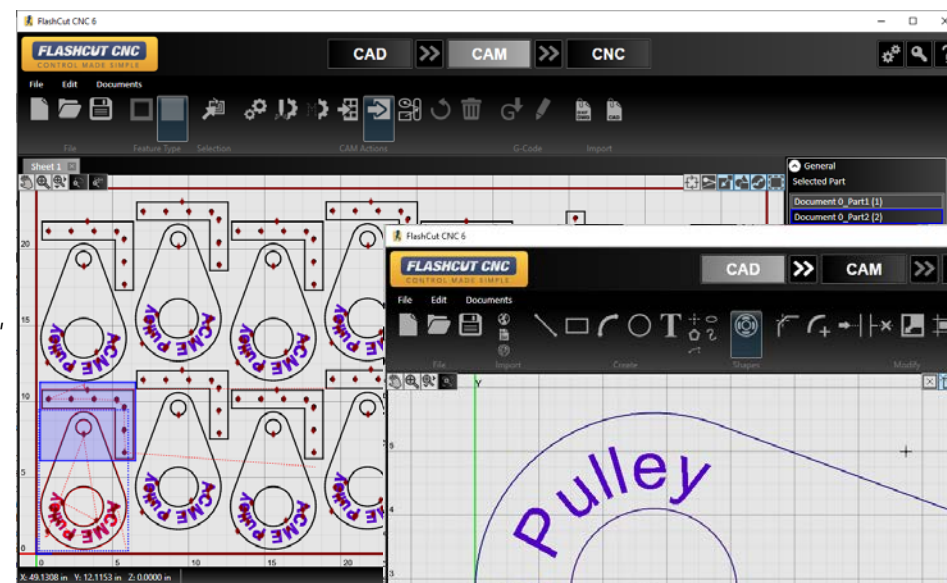
- Full 3D Simulation proves out your toolpath before you cut.
- Support for multiple tools and multiple operations.
- Create roughing, finishing and profiling operations in a snap.
- State of the art algorithms for creating efficient toolpaths.
- True shape nesting of production parts
- Easily add and manipulate fixturing tabs.

## Powerful CNC control and visualization

- Full 3D Solid Model Simulation while you cut
- Pan and zoom on multiple viewports while cutting.
- Real time DRO's
- Go from toolpath to CNC control in one click.
- Full G-Code editor
- State of the art control features like continuous contouring, unlimited look-ahead, jump to line, run backwards

## Draw, nest and accurately cut using plasma, oxyfuel, waterjet or laser

- Draw any shape using our integrated CAD tools or import any image or DXF file.
- Shape library allows you to instantly draw and customize common shapes.
- Curve test around any shape.
- Boolean operations allow you to weld, intersect or subtract any shape
- Integrated CAM instantly generates perfect toolpath with kerf compensation, lead ins, lead outs and feedrates
- True shape nesting across one or multiple sheets saves you time and money
- Corner looping to eliminate dross at sharp corners
- Editable cut charts for many popular plasma torch and oxyfuel models
- Marker support for text, bend-lines and artistic marking
- Integrated Stingray® torch height control
- Laser plate alignment

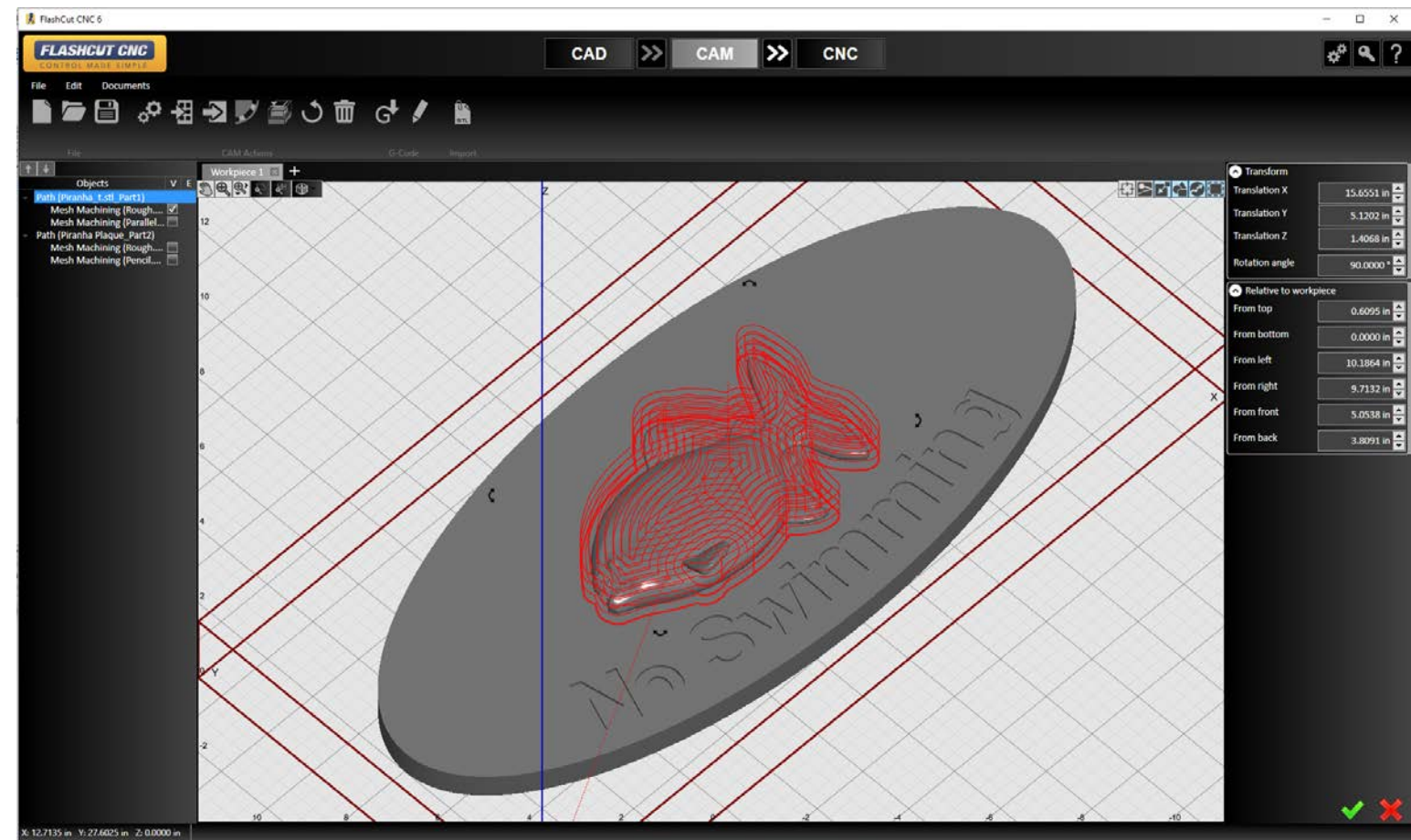




# Cut with the World Leader in Windows Software and Dedicated CNC



**CAD/CAM/CNC Software and Controls**



- Seamless plug-n-play operation from any laptop or PC running Windows 7, 8 or 10
- Dedicated controller orchestrates precision timing for smooth, uninterrupted motion on up to 5 axes of simultaneous motion.
- Integrated Stingray® plasma torch height control follows the sheet surface at the precise height
- Real time visualization of toolpath and torch voltage settings
- Oxyfuel support with real-time Z adjustments
- Waterjet control perfectly tailored for each material and thickness
- Advanced control of G-Code program including reverse and jump to line
- Automatic kerf crossing detection in THC algorithm prevents unwanted diving
- Automatic adjustments for precise cutting of small holes
- Bar code scanning and auto run of G-code files for streamlined production on a shop floor
- Laser pointer support for precisely aligning plate, setting program zero and visual dry run of program
- Support for joystick control including simultaneous jogging of X and Y axes
- Automatic feed hold after plasma head error
- Integrated RS422 communication with plasma machines
- A wide range of microstepper and servo models available with matched cables and motors
- Standard 8 inputs and 8 outputs are upgradable to 32 inputs and 32 outputs
- Rotary axis support for precision pipe cutting
- Dynamic ventilation zones
- Made in the USA

