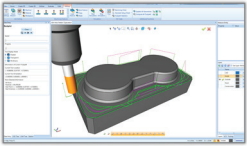


What's New in BobCAD-CAM V31

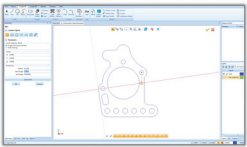


1 Redesigned User Interface

- New modern, intuitively organized, ribbon-style user interface
- Easier to discover, logically grouped functions with both icon and text labels for buttons
- New Contextual CAM ribbon includes every function needed for the job

Benefits

Easier to learn and use for daily and occasional users.

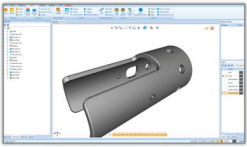


2 CAD - Construction Geometry

- Construction lines can be toggled on and off
- While it's on, the construction lines can assist you with: finding horizontal and vertical, finding tangencies, finding intersections and more

Benefits

Makes creating geometry easier than ever before.

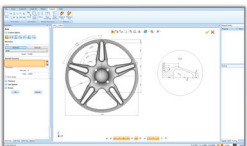


3 CAD - New Geometry Creation Workflow

- Utilize multiple creation methods from a single feature
- Selection manager that aids in the design process
- Over 20 new CAD features

Benefits

Get more done with less mouse clicks.

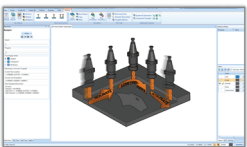


4 CAD - Dimensioning

- Use surface edges, endpoints and wireframe
- Create multiple types of dimensions at one time
- Use leader arrows with notes

Benefits

Better faster and easier dimensions.

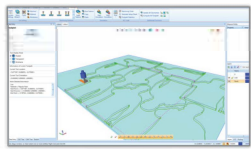


5 CAM - Advanced Feedrates

- Independent lead-in and out settings
- Volume-based feedrate mapping
- Chip thinning feedrate mapping

Benefits

Maximize cutting feedrates.

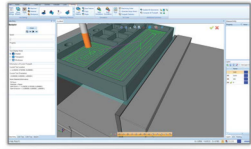


6 CAM - Drag Knife

- Customizable tool design for appropriate offset
- Swivel depth value for cornering
- Angle threshold for swivel activation

Benefits

Drag Knife cutting strategy for cardboard, vinyl, leather and other thin materials.

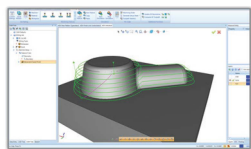


7 CAM - New Patterns for Advanced Pocket & Advanced Rough

- 5 Cut Patterns to choose from
- Morph Spiral reduces or eliminates direct link moves
- Offset in with an initial pass away from the finished wall

Benefits

Options that reduce cycle times and attain better finishes.

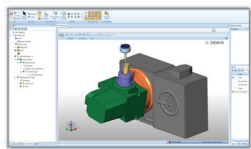


8 CAM - Advanced Z Level Finish Linking Position Control

- Control tool starting location
- User-defined values for pick from graphics area
- Shift value for link moves
- New Spiral Type

Benefits

Be in control of tool witness marks and their location.

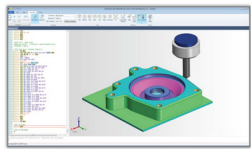


9 CAM - Multiaxis Posting Enhancements

- Transform Planes Output (G68.2 and comparable)
- Origin Tracking for HAAS DWO or similar output

Benefits

Setup & operator friendly G-code output for 4 & 5 axis posting.



10 NC Editor

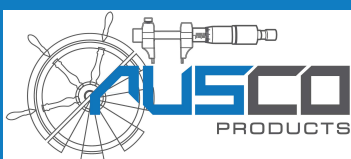
- Color text, renumber, feeds and speeds override and calculator built in.
- Baud rate up to 115,200
- Backplot and Solid Simulation with dynamic viewing

Benefits

Standard editor with more features that's easier to use.

Explore the full list of new features in BobCAD-CAM V31 and download a free demo at www.bobcad.com.

BobCAD-CAM develops advanced CAD/CAM solutions that allow anyone, regardless of experience level, to manufacture parts with the power to change the world. So whether you're a leading manufacturer or new to machining, BobCAD-CAM has the features, training, and support you need to produce more parts, faster and easier, for less.



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