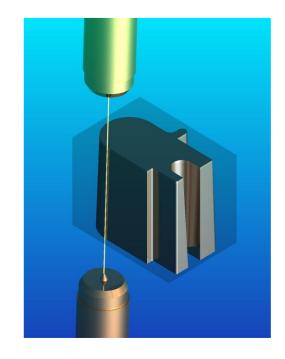


Current Industry Status (2D Wire Cutting)

- The mold design is fully 3D, and the source of the parts drawings is 3D data.
- The 3D model needs to be manually generated into a 2D drawing.
- Complex curve (SPLINE) is difficult to process.
- It is not easy to program upper and lower special-shaped paths.
- The wire cutting parameters cannot be connected to the database, and the cutting conditions cannot be fed back.
- The threshold for automated programming is high.
- Design and processing cannot be integrated.



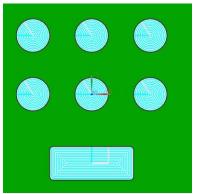


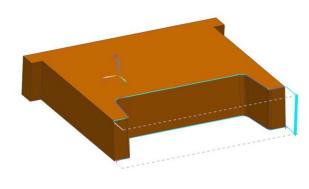
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- cutting strategy

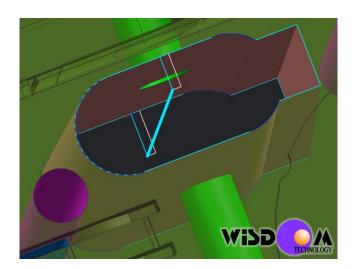
- 2D
 - No Core
 - Internal Trim
 - External Trim
 - Open Profile
 - Flow Cut
- Taper
 - No Core
 - Internal Trim
 - External Trim
 - Open Profile
 - Flow Cut
- 4D Faces / Curves
 - Internal Trim
 - External Trim
 - Open Profile
 - Flow Cut

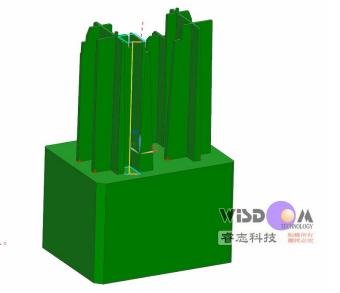










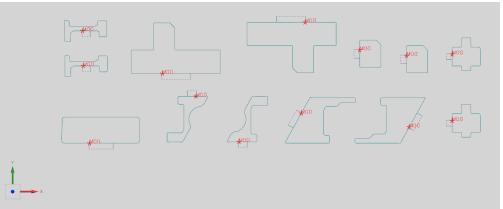


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- cutting strategy

- Multi-Internal Trim(2D&Taper)
 - No Core
 - Internal Trim
- Multi-External Trim(2D&Taper)
 - External Trim

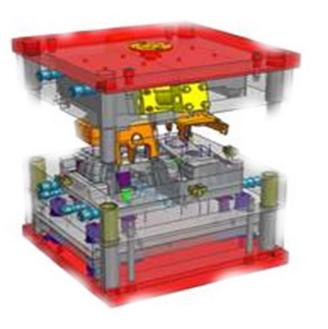




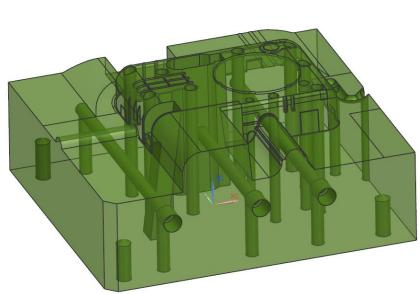
- main feature

Set part attribute characteristics:

- Customized part attributes
- Relevant attribute content is linked to shop document and quotation information.







設定零件屬性

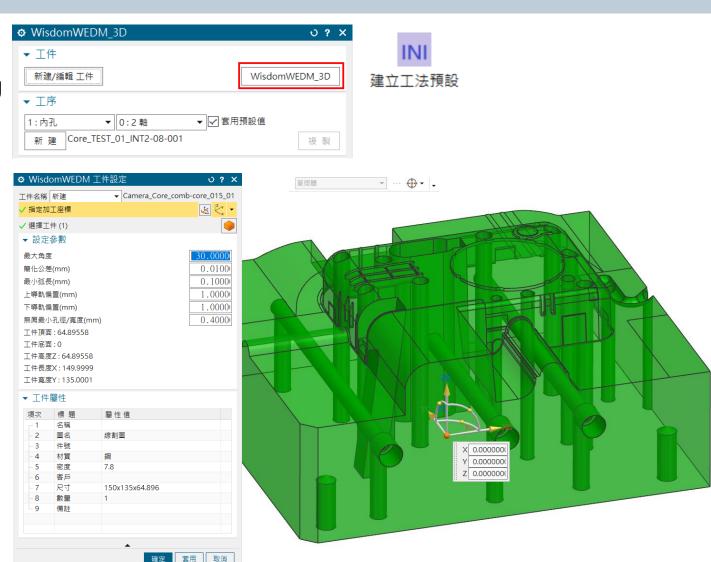
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- main feature

Main features of workpiece setting:

- Quickly generate program name according to naming rules
- Using a dynamic coordinate system to set the program zero point
- Simplify complex curves through geometric tolerances
- Automatically calculate workpiece information
- Multiple processing parameters can be customized and applied immediately

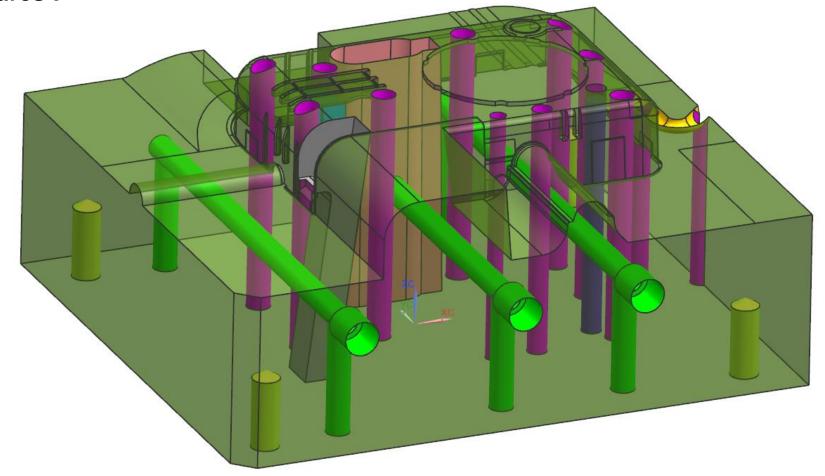


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- main feature

Cutting geometry selection features:

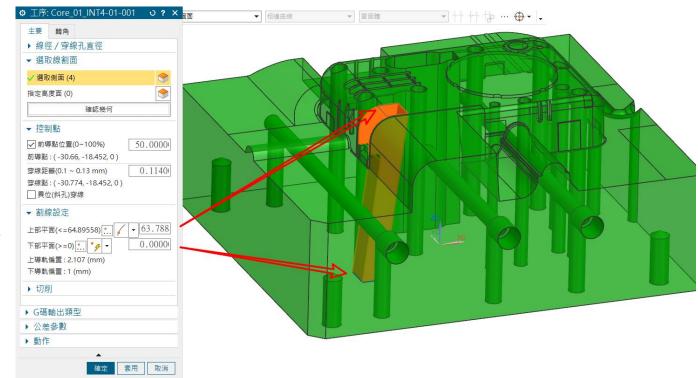
- No Core
 - -face edge \ 2D curve
- 2D
 - -face edge \ 2D curve
- Taper
 - -face edge \ 2D curve
- 4D
 - -face
 - -face edge \ 2D curve
- Multi-Internal Trim
 - -face edge \ 2D curve
- Multi-External Trim
 - -face edge \ 2D curve



- main feature

Selection and the program plan setting features:

- Supports multi-selection / automatically removes disconnected faces
- Automatically set the program plan and UV face height
- Manual adjustment of upper and lower plane heights
- Automatically adjust the height of the upper machine head according to the height of the part
- Automatically generate the threading point and the leading point based on the selected geometry
- The taper angle function supports specifying the tool path range.



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- main feature

Features of searching for the threading point:

- Parametric smart search for the threading point (specify the threading point)
- Intelligently adjust the threading point according to the setting surface
- Quick preview of path
- Automatically identify the maximum threading hole diameter
- Threading hole overcut inspection
- Open profile support path trimming and extension
- Internal trim supports inclined threading search







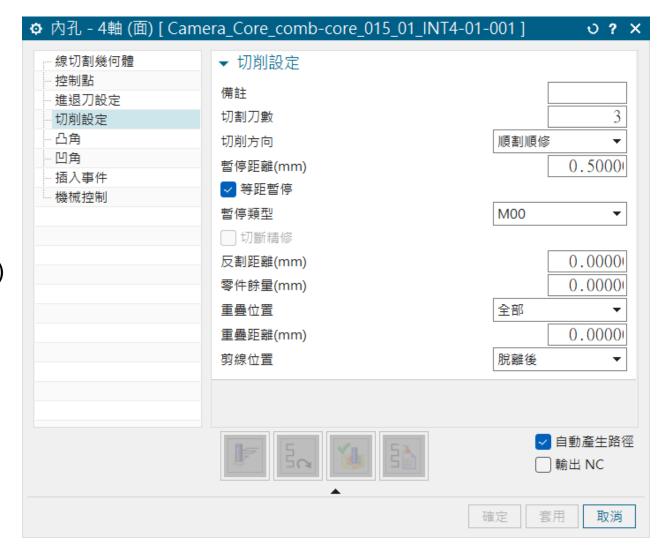


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- main feature

Cutting function features:

- Complete cutting direction setting
- Definable event point types
- Internal & External Trim support cutoff & finishing cutting
- Cutoff distance setting
- Stock setting
- Wire Cutting setting (before or after separation)
- Internal trim supports overlap distance settings and tool path range

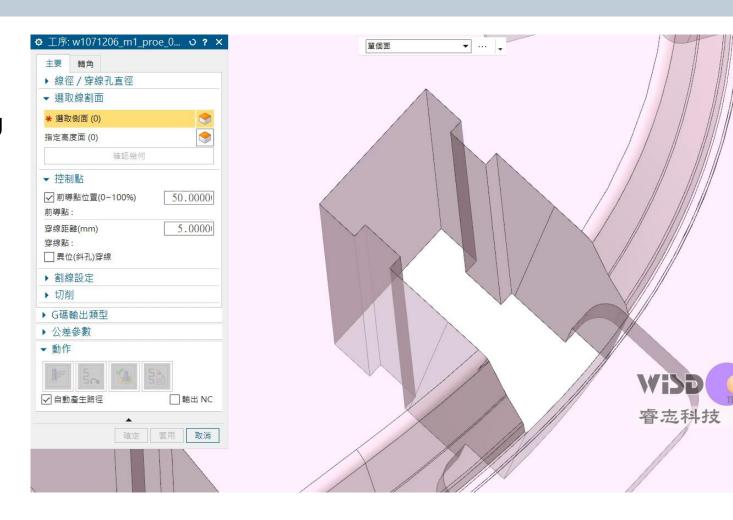


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- main feature

Features of convex corner:

- Wrapping function
- Automatically generate matching radius path
- Internal trim can automatically generate matching External trim path.
- Each convex can be specified in different parameter
- Various corner wrapping forms
- Use parameters to define the convex setting value

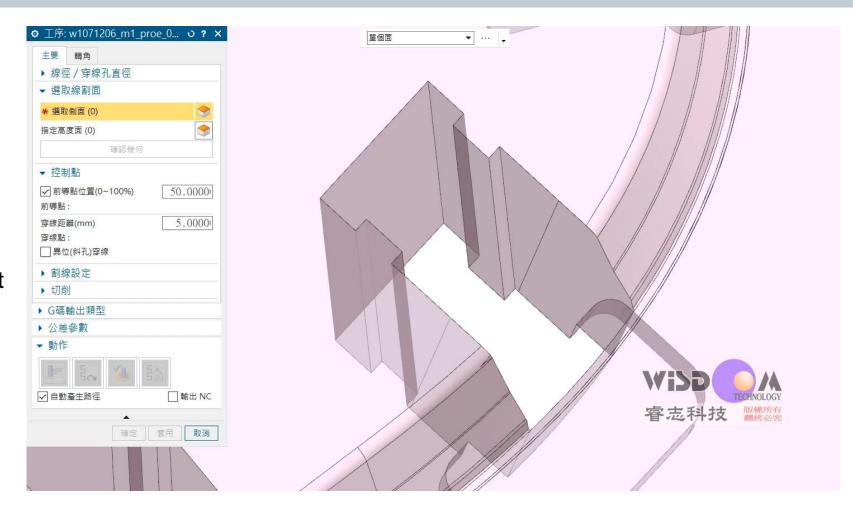


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- main feature

Features of concave corner:

- Support concave corner stopsecond corner
- Various concave corner cutting forms
- Each concave can be specified in different parameter
- Use parameters to define cutout form settings
- Quickly define tool path range



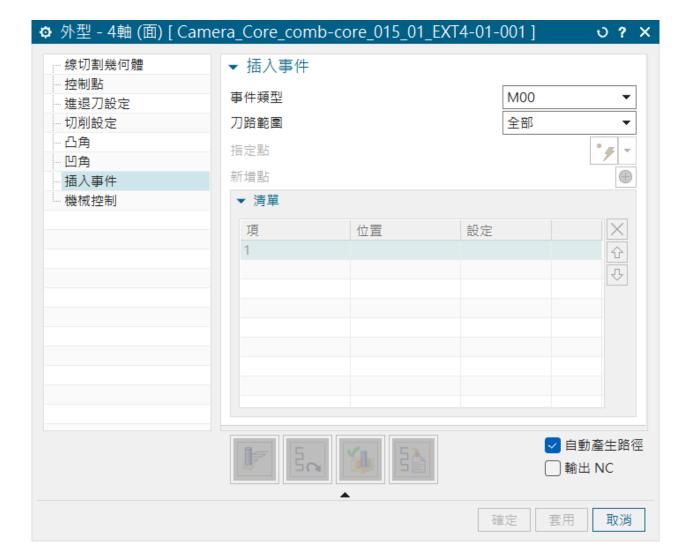
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- main feature

Insert event features:

- Customized event content
- Define tool path range
- Specify different event contents



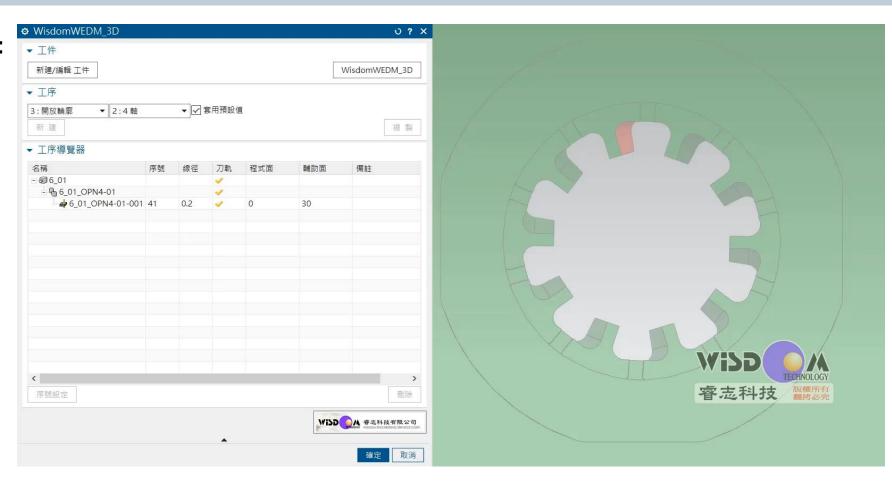
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- main feature

Features of path copy function:

- Point to point copy
- Circular array
- Rectangular array
- Copy path associated with original path
- The processing order of the copy path can be specified.



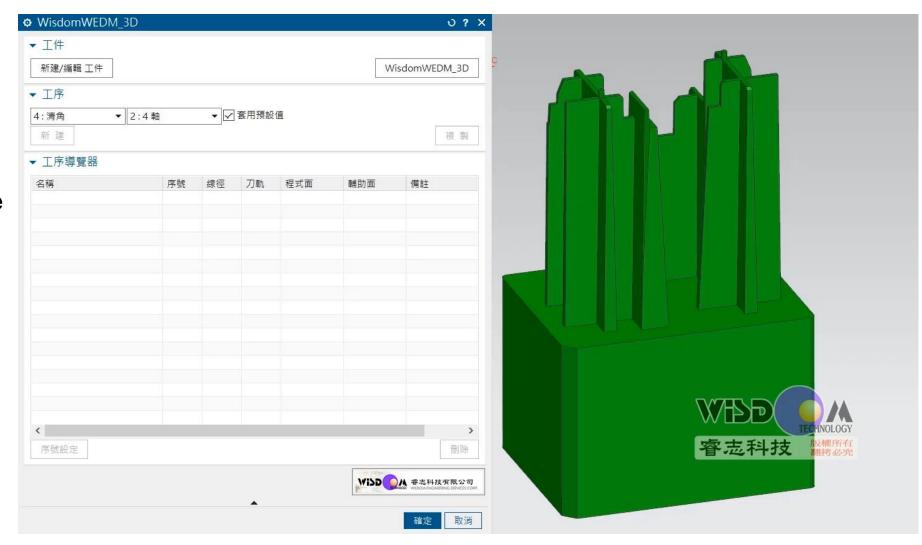
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- main feature

Flow cut feature:

- Directly select the area to be cleaned
- Automatically close open areas
- Automatically generate the threading hole

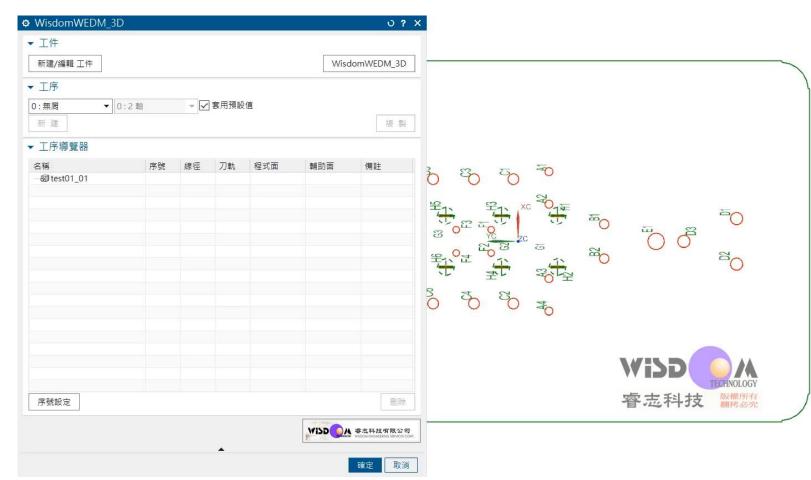


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- main feature

Multi-Internal & External Trim feature:

- Multiple selecting curves/edges
- Specify multiple threading points
- Intelligent identification of No core or Internal trim methods
- Smart group output based on shape and size
- Quick preview
- Automatic sorting of processing sequence

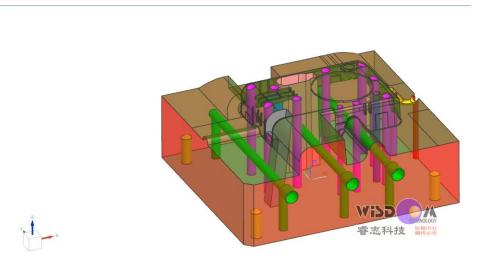


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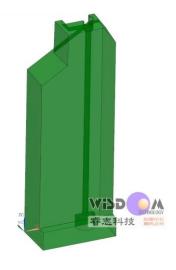
- main feature

Characteristics of drawings

- Customized table content
- Customized template drawing frame
- Use colors to indicate wedm cutting methods
- Export multiple views of one part on one drawing
- Group output table content







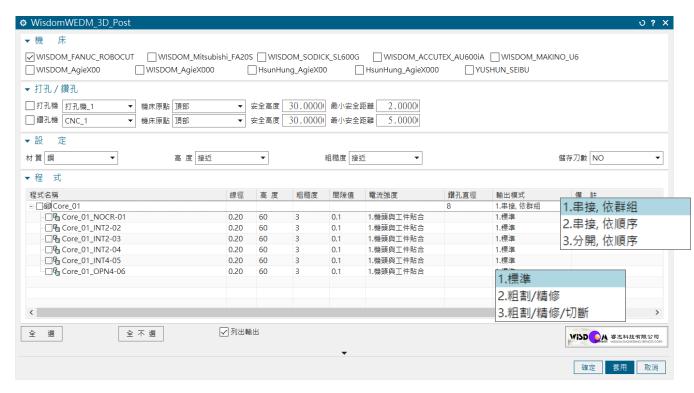
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- main feature

Postprocessing features

- All models in the factory are output together according to demand
- Automatically add cutting conditions according to wire cutting conditions
- Concatenation cutting parameter database
- Customized user database
- Multi-region cutting supports multiple output modes (paths do not need to be re-edited)
- Automatically classify and output threading or drilling programs according to the diameter of the threading hole
- Supports path output of fast wedm machines



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WisdomWEDM - Intelligent wire cutting (optional)

- main feature

Quotation Features

- Multiple sets of pricing standards can be set
- Pricing can be calculated based on different conditions
- Output billing slips and details
- Customize form content





WisdomWEDM - Intelligent wire cutting (optional)

- main feature

Quotation Features

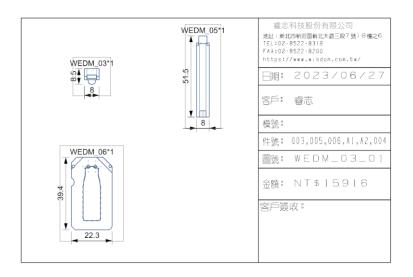
- Multiple sets of pricing standards can be set
- Pricing can be calculated based on different conditions
- Output billing slips and details
- Customize form content
- Automatically generate statements







報價單 設定報價單 對帳單



睿志科技股份有限公司

地址:新北市新莊區新北大道三段7號18樓之6 電話:02-8522-8318 傳真:02-8522-8200

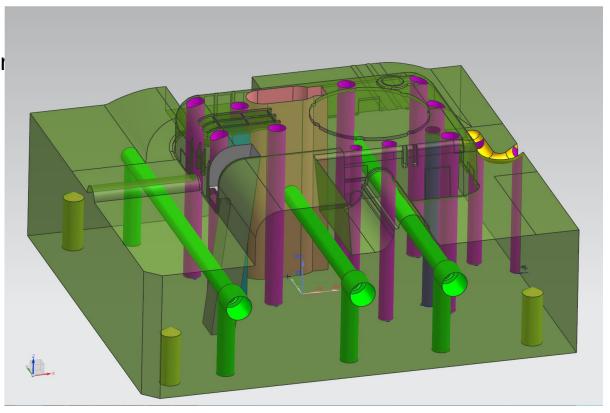
報價單

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2			005	1	300	300	test
3			006	1	536	536	test
4			A1	5	2676	13380	test
5			A2	1	300	300	test
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1. 以上報價為未稅金額。						經手人:	

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Benefit

- A programming model that completely integrates 2D curves and 3D models.
- Reduce parameter settings significantly to avoid human errors.
- Complex curves (SPLINE) donot need to process.
- It is easy to program the upper and lower specialshaped paths based on the solid model.
- Automatically identify threading points during path generation.
- The wedm cutting parameters are connected to the database and the cutting conditions are fed back.
- Automated programming for entity feature recognition.
- Integration from design to processing.



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WEDM Machine

Post-processing output is suitable for various WEDM machines

- Agie Charmilles (optional)
 - All Agie Charmilles EDM machines.
 - AgieVision script file formats (SBR, SBL and ISO)
 - GF script file format (MJB)
- Japanese brand WEDM machine
 - SEIBU
 - Sodick
 - MAKINO
 - Fanuc
 - Mitsubishi
 - ...
- Taiwan-made brand wire cutting machine
 - ACCUTEX
 - CHMER
 - ...
- Fast WEDM (open for customization)
- ONA









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Thank You!

Your feedback is important.