

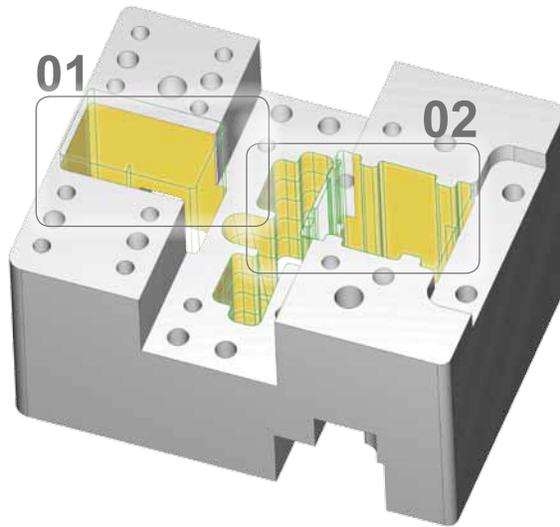


Wire Expert

Automatic Feature Recognition CAD/CAM for Wire EDM

Quickly and seamlessly import 3D CAD data via the numerous direct CAD interfaces or neutral formats such as STEP, XMT (Parasolid), IGES.

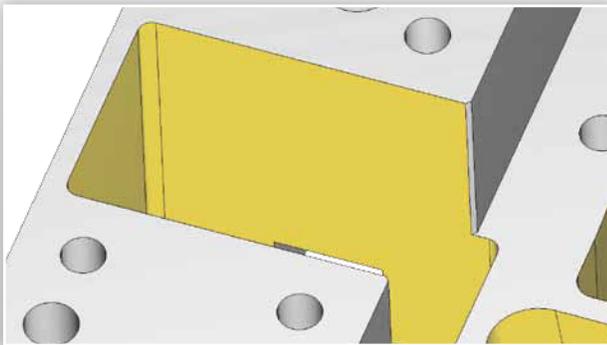
Your advantage: using the WIRE Expert, complex components are programmed in a few seconds.



DXF · DWG · IGES
HP-MI · VDAFS
STEP · XMT · SAT
STL · ProE
Catia Version 4
Catia Version 5
Unigraphics
SolidWorks
Inventor · HiCAD
SolidEdge · Rhino
Gerber · Daveg

Automatic Feature Recognition of Wire-erodible geometries

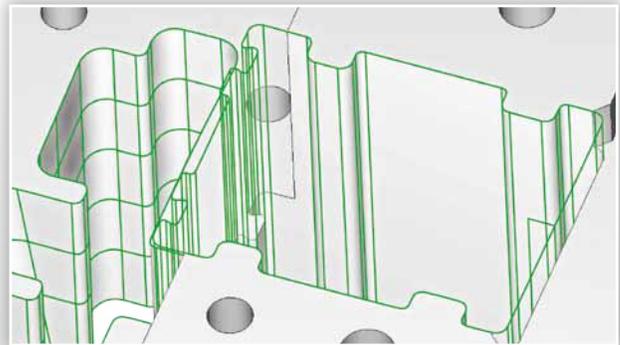
01



The WIRE Expert analyzes the imported 3D components for erodible geometries. The complete component can be interrogated or individual geometries or surfaces; edges can be selected manually.

Automatic Machining

02



Machining profiles are suggested for the recognized features. The User has the option to use customized machining schemes that check the color of the feature's faces, to assign preset machining technology.

The resultant machining profiles may be edited without restrictions, expanded and optimized.



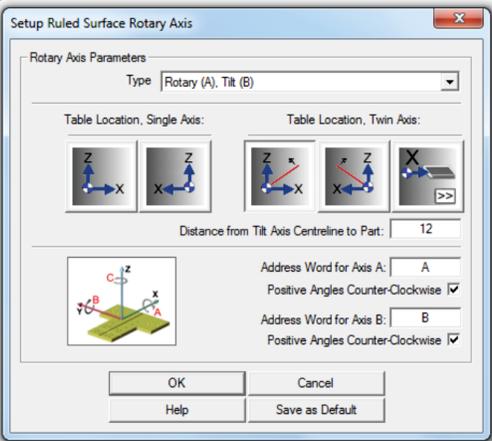
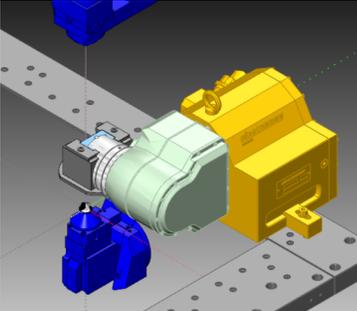
Twin Rotary Axis Programming

Quick and easy support for complex twin rotary WEDM programming.

Using a twin rotary attachment, extreme angles can be machined on a part. Example applications are typically those found in the Medical Supply industry.

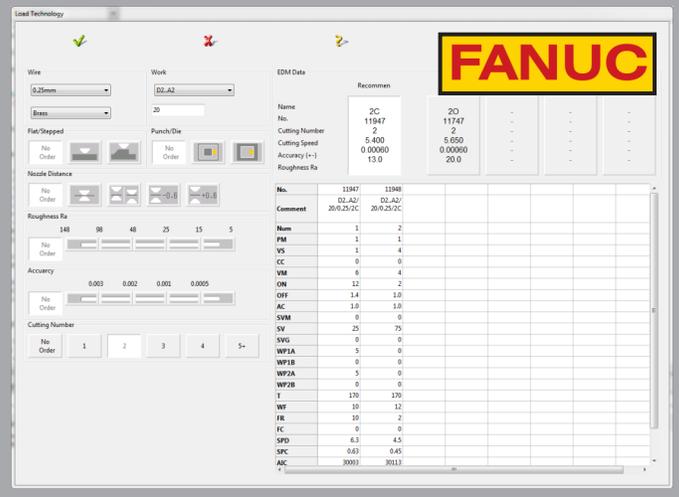
3D Rotary Simulation

3D tool path simulation with material removal, including offsets, optional clamps and machine heads.



Example Part

Integrated Machine Tool Databases



Derived from the FANUC OEM Databases, the user interface is designed to be similar to that of the Machine Tool to ensure your programmed cutting technology matches perfectly.

