

ESPRIT CAM SYSTEM FOR SODICK

Now included with each new Sodick Wire EDM machine with an LP control

Whether you use your wire EDM machine for small lots of sub-micron precision parts or as a workhorse for production machining, get the most out of your machine tool investment. Dramatically simplify the part-programming process, significantly increase part accuracy, and greatly reduce the length and complexity of your G-code program with ESPRIT.

The ESPRIT CAM System for Sodick Includes:

- ESPRIT SolidWire Platinum Plus for 2-5 axis wire EDM
- 2-axis contouring
- 3-axis tapering and advanced conics
- 4-axis XY, UV machining
- 5-axis control
- Automated feature recognition
- Machine specific user interface for Sodick
- Factory certified post processing for Sodick
- Integrated cutting data reader for Sodick
- Solid simulation and verification for Sodick
- and more as outlined in the ESPRIT General Specifications

The ESPRIT CAM system for Sodick is a full commercial license of ESPRIT software which is included with Sodick LP equipped machines. ESPRIT for Sodick runs offline on a PC and provides the full power of ESPRIT's programming functionality for Sodick Wire EDM machines.

dptechnology.com/sodick

CONTACT US

Corporate Offices
1150 Avenida Acaso
Camarillo, CA 93012
USA

Tel: +1 (805) 388-6000
Fax: +1 (805) 388-3085
Toll Free: (800) 627-8479

dptechnology.com
esprit@dptechnology.com

Midwest USA
1001 E. Touhy Ave
Suite #300
Des Plaines, IL 60018

Tel: (847) 297-8100
Fax: (847) 297-8107

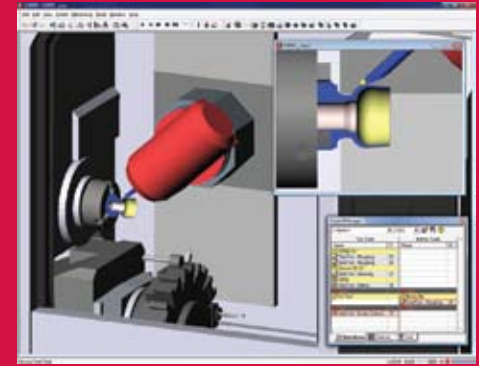
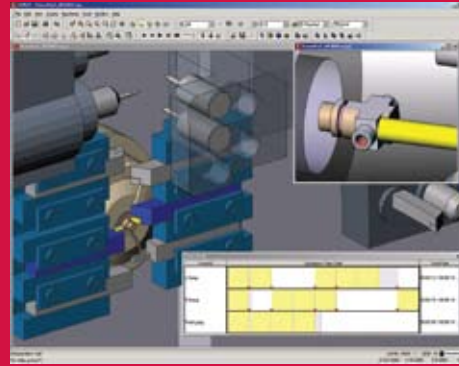
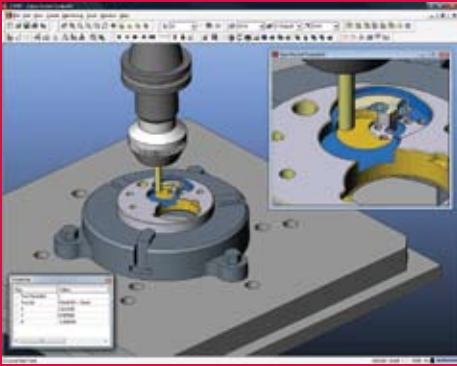
East USA
8535 Cliff Cameron Drive
Suite #112
Charlotte, NC 28269

Tel: (704) 594-9551
Fax: (704) 594-9802

Sodick



The Right Choice



ESPRIT is a high-performance computer-aided manufacturing (CAM) system for a full range of machine tool applications.

ESPRIT's high-performance capabilities include machining any part geometry (solid, surface, or wireframe), universal post processing to format G-code for virtually any machine tool, and solid simulation and verification with dry runs rendered in dynamic solids for optimal part quality and consistency. ESPRIT is 100% pure Windows®, and provides a comfortable and familiar user interface for maximum productivity.

ESPRIT for Sodick is a member of the ESPRIT family of CAM software which also includes powerful, full-spectrum programming for

- 2-5 axis milling*
- 2-22 axis turning*
- 2-5 axis wire EDM
- Multitasking mill-turn machining*
- B-axis machine tools*
- High-speed 3- and 5-axis machining*

*Available as an upgrade to the ESPRIT for Sodick system.

U.S. Patents 6,907,313; 7,058,472
Other U.S. and foreign patents pending.

© 2007 DP Technology Corp.
All Rights Reserved

ESPRIT for Sodick: General Specifications

- Machining and modeling of any part geometry powered by
 - Parasolid® solid modeler
 - ACIS® solid modeler
 - NURBS surface modeler
 - STL modeler**
 - 2D/3D wire frame modeler
 - Drawing, dimensioning, and annotation
- Universal post processing
 - Factory certified for Sodick
- Solid simulation and verification
 - Dry runs in dynamic solids
 - Rendered within the complete machining environment: machine tool, fixtures, stock, and workpiece
 - Exhaustive collision detection: tool, stock, fixtures, and workpiece
 - “As-machined” versus “as-designed” part inspection
- 100% pure Windows® application
 - Designed for:
 - Microsoft Windows® XP and Windows® Vista
 - Microsoft® SQL Server™
 - Integrates with Microsoft® Office for shop-floor documentation
 - Dynamic graphics delivered by OpenGL®
 - Customizable user interface, toolbars and menus
 - HTML-based context-sensitive online help
- Adaptive machining cycles
 - Adapts to varying part geometry
 - Automates engineering changes and part families
 - Extensive tool control
- Microsoft® Visual Basic® for Applications (VBA)
- ESPRIT Component Object Model (COM)-based Application Programming Interface (API)
- Automated Feature Recognition
- High-speed machining and G-code optimization
- G-Code text editor and DNC RS232 communication program
- Network floating licenses**
- Data Exchange
 - ESPRIT reads data from the following native formats: ACIS® (SAT), AutoCAD (DWG), CSV, DXF™, Autodesk Inventor®, IGES, Mechanical Desktop®, Parasolid® (X_B, X_T), Solid Edge®, SolidWorks®, TXT, VDA-FS. Optional data readers are available for: CATIA®, Pro/ENGINEER®, Unigraphics®, STEP, STL.
- Local Language Support
 - Chinese (PRC), Chinese (Taiwan), Czech, English, French, German, Italian, Japanese, Korean, Polish, Spanish, Swedish, and Turkish.

Note: **Optional component

dptechnology.com/sodick



The Right Choice

Los Angeles | Chicago | Charlotte | Tokyo | Shanghai | Montpellier | Florence | Nuremburg