



Fast, model-based waterjet programming with FlowXpert

FlowXpert 2016 is the only fully integrated 3D modeling and waterjet pathing software package. This simple, powerful software suite is designed to be easy to use by operators of all skill levels. With FlowXpert, you can import, create, modify and path 3D geometry all in one single program.

Benefits

Create full 3D models and assemblies

Optimize pathing, including new pathing algorithms for smarter auto-pathing

1-Click pathing for 2D files

Program directly from the native model without converting file types

Fast, versatile sheet metal processing from SpaceClaim

Waterjet specific geometry analysis with advanced clean up tools customized to your waterjet



Design without limits



Program efficiently



Cut the best part

Specifications

User-friendly, icon-based menu structure

Subscription based software

Available add on with any Flow systems

Imports industry standard 2D and 3D CAD formats including: DXF, DWG, IGES, STEP, ACIS, AMF, IDF, OBJ, Rhino, SketchUp, STL and Bitmaps. Additional formats are also supported.

Operating Systems:

Microsoft® Windows 7, 8, 10 64-bit

CPU:

Pentium® 4 2.0 GHZ or Athlon® 2000+ or faster, 64-bit (x64) processor

RAM:

4 GB RAM or higher

Supported Languages:

English, Chinese, French, German, Italian, Japanese, Korean

Simplify Your Process

Take full advantage of Flow's 40+ years of waterjet application expertise. FlowXpert incorporates Flow best practices – such as waterjet application tips, improved pathing algorithms, and expanded lead in/out customization – the program guides you through the steps to create and cut the best part.

- Integrated model and pathing software
- Raster to vector converts images into vector files
- Smart blanking ignores non-waterjet geometry
- Geometry analysis with instant feedback

Puts You in Production Fast

With SpaceClaim advanced 3D modeling software, the FlowXpert platform offers an integrated CAD/CAM pathing experience. FlowXpert, featuring SmartStream™ technology, understands precisely how the material and its thickness will affect stream behavior and takes all the guesswork out of making a perfect part. The system detects model and path errors, suggests fixes, and allows designers to preview the waterjet cutting path without taking the part to the waterjet system. With FlowXpert 2016, it takes less time to program the perfect part – and you get less errors.

- Expanded 2D to path workflow
- New file types efficiently loads large files
- Smart pathing creates the shortest possible traverse length

Do More with FlowXpert

FlowXpert's intuitive interface for 3D and 2D modeling is not limited to waterjet programming. Create and design full 3D solid models to be used on any other machine tool or CAD system. With context sensitive tool tips and guides anyone is able to generate solid models, no g-code required.

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