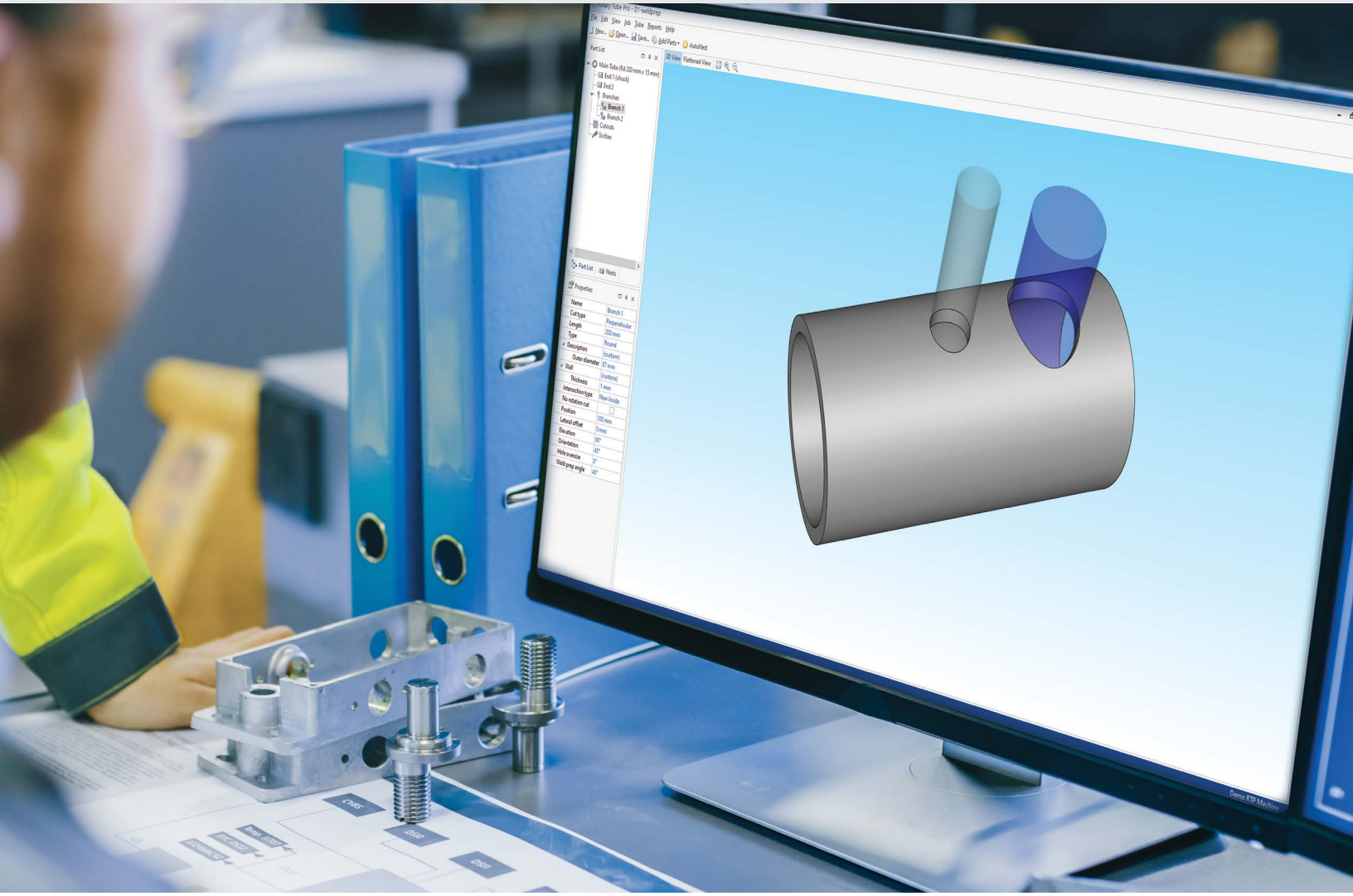
Rotary Tube Pro™
PIPE AND TUBE CUTTING SOFTWARE

# Tube cutting software | v3



Rotary Tube Pro makes it fast and easy for anyone to design and cut tube and pipe parts. Designed for mechanized rotary cutting, it supports stand-alone units and cutting table add-ons, including plasma, laser, waterjet, and oxyfuel machines.

## Benefits

### Machine manufacturers choose Rotary Tube Pro

Leading industry experts, including machine manufacturers, distributors, and system integrators, choose Rotary Tube Pro™ to match the power and capability of their most advanced machines.

### Breakthrough technologies

Rotary Tube Pro is the only rotary software that provides full support for our SureCut™ technologies, including True Hole® and bevel cut charts based on True Bevel™ technology.

### Ease of use

Import files from 3D CAD or use the parametric input to easily create tubes and branches with no 3D CAD experience required.

### Automatic tube and pipe nesting

Efficiently place multiple parts on a single piece of stock tube or pipe.

### Unlimited technical support

Unlimited access to technical support, training, and software updates is included with your purchase.

## Standard feature highlights

### Cut process support

- Plasma (conventional or high definition)
- Laser ($CO_2$, fiber, or direct diode)
- Waterjet
- Oxyfuel

### Machine support

- All major brands/manufacturers/models
- Stand-alone units and cutting table add-ons

### Part creation and development

- Create round or rectangular tube parts with parametric input
- Standard tube sizes and schedule pipe parameters (including wall thickness, corner radius, etc.) are provided for common materials, or input your own custom sizes
- 3D model of tube is updated in real time as you work, can be freely moved and rotated
  - 2D layout view is also available
- Branches can be added to define interiors using standard or custom tube sizes
  - Set branch intersection type: front outer, front inner, pass-through
  - New main tubes can be created from existing branches
- Cutouts can be added to define interiors, including layout arrays in rectangular and polar orientation
  - Select cutouts from a list of commonly used parametric shapes
- Support for a variety of end cuts
  - Straight
  - Miter
  - Pipe intersection
- Edit lead-in/out position and properties
- Control cut direction and cut sequencing on a part-by-part basis

### CAD/CAM import and conversion

- Import DXF files to use as cutouts, allowing interiors of virtually any shape
- Import DXF text for cutting
- STEP file import for 3D CAD

### Automatic nesting

- True shape or rectangular

### Common line cutting

- Included as standard, cut two or more parts that share a common edge

### SureCut™ technology and built-in process expertise

- True Hole® technology capable*
- Automated job set up on the EDGE® CNCs
- Material type, thickness and class-based process parameters:
  - Separations for cutout and pierce spacing
  - Kerf compensation and feedrate
  - Lead-in/out
  - Cutting techniques
- Cut sequencing—automatic or manual
- Automatic tabbing/micro-joints
- Ability to cut without rotation

*Certain hardware and software requirements may apply.

### Reporting

- Reports containing detailed job information and 3D part graphics
- Export reports directly to PDF

### Simplified costing

- User-defined machine and labor production costing
- Automatic calculation of part production costs and part/nest utilization

### Output

- Advanced post-processor, for perpendicular cutting, with NC output
- Scribe support
- DXF output

## Module(s)

The following modules can add powerful capabilities to your software.

- Rotary Bevel Interface
  (includes one Rotary Bevel Machine Post Processor)

  For users operating a cutting machine equipped with a programmable bevel head, the Rotary Bevel Interface provides a seamless solution for creating the desired NC output. It generates a 3D model with true intersecting branch angles and end cuts. It allows for weld prep cuts to be added, and supports output of multi-axis, machine specific, bevel code.

- Angle and Channel Cutting

  Provides additional cutting capabilities to handle materials such as angled iron and u-channel.

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