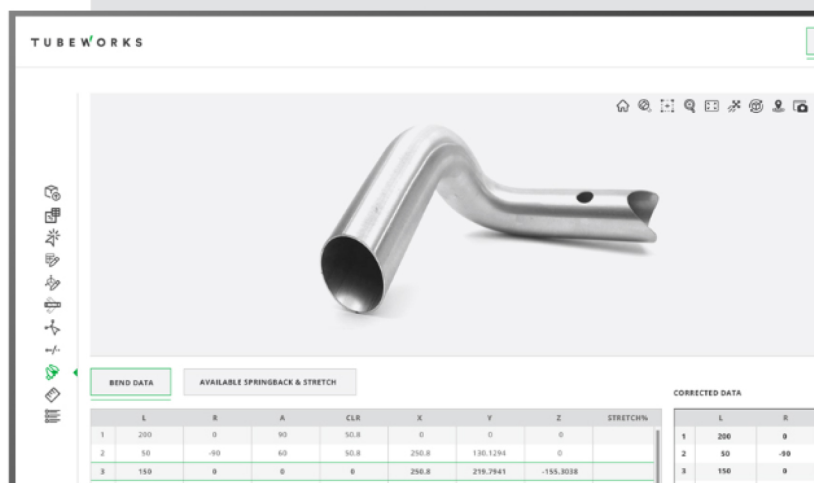


# REDUCE PROCESSING. INCREASE PROFIT.

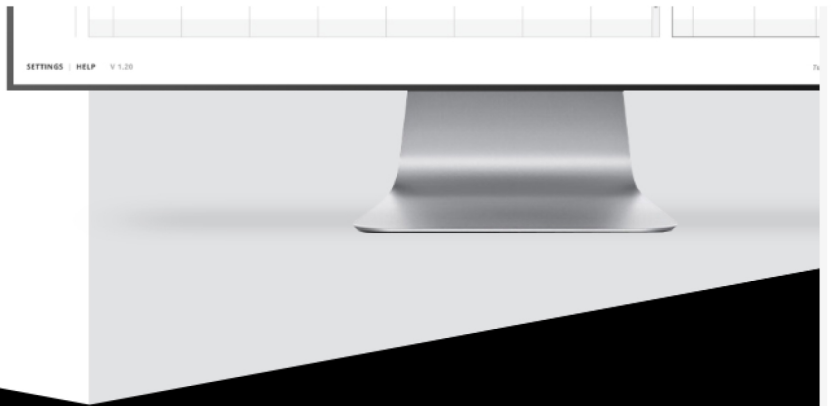
TubeWorks makes any tube bending project a snap by instantly extracting vital manufacturing information and bend data. Whether you are working with native SOLIDWORKS models, common IGES, or Parasolid files, TubeWorks makes it easy to send the right information into your tube bending machine.

Proudly developed by **ITEC** – the global leader in



tube bending.

WATCH DEMO VIDEO



### SIMPLIFY DESIGN FLOW

With a few clicks, you can import the .STEP or .IGES files and instantly prepare your bend data for production. Accurate data means faster results with fewer headaches so you can spend more time on the parts of your business that matter.



### LESS TIME, MORE SALES

Because TubeWorks saves time, you can send rapid responses to your customer's questions while confidently estimating your project costs with increased accuracy. TubeWorks makes data easy so you can significantly reduce your project timelines and production costs.



### ALWAYS IMPROVING

ITEC is always finding ways to leverage 250 years of tube bending experience into TubeWorks. Customers get access to new features and improvements on our baseline tech – from a searchable tooling log, automated center lines, spring-back calculations, and more!

TubeWorks is quick and easy to pick up on, it has cut the design development stage literally in half. There are so many things I can say about how well this software works with SOLIDWORKS and just makes everything a much simpler process.

ZEMAN Manufacturing  
Lisle, Illinois

The intuitive and user-focused interface requires no training, which means your production starts immediately after installation.

Applicable Edition:

- Viewer
- Lite
- Full
- SolidWorks

Free online video training via YouTube. Continued service and support is always available with our license contract.

Applicable Edition:

- Viewer
- Lite
- Full
- SolidWorks

TubeWorks can import files in .step or .igs formats.

Applicable Edition:

- Viewer
- Lite
- Full
- SolidWorks



### OPEN DWG / DXF

A convenient feature to enable viewing of .dwg or .dxf files. The viewer can open 3D DXF files as well.

Applicable Edition:

- Viewer
- Lite
- Full
- SolidWorks



### MEASUREMENT TOOLS

With a simple click, determine key metrics like bend diameters, wall thickness, and total lengths. Click on an individual tube face and the corresponding vital information is displayed.

Applicable Edition:

- Viewer
- Lite
- Full
- SolidWorks



### EXPORT PDFS

Export bend data in a professional .pdf report to share part numbers, tube profiles, tube OD, units, CLR, solid model image, and other essential information with your team.

Applicable Edition:

- Viewer
- Lite
- Full
- SolidWorks

VIEWER LITE FULL SOLIDWORKS

VIEWER LITE FULL SOLIDWORKS

VIEWER LITE FULL SOLIDWORKS



### MANUAL BEND REPORT

Produce an easy to read report containing stop positions, rotations, angles, direction of rotation. This makes bending on a manual machine as easy as following step by step instructions. Apply stretch compensation and display the corrected data.

Lite Full SolidWorks



### EXTRACT BEND DATA

Automatic extraction of all bend data including tube specs like CLR, bend radii plus full LRA and XYZ data. Lite edition pulls data with just one click, while the full edition can automatically pull data upon import.

Lite Full SolidWorks



### CALIBRATE TOOLING

The new TubeWorks tooling calibration feature applies corrected data in the design phase – when optimization matters most. Bend the tube according to instructions, record the result, and TubeWorks will automatically calculate spring-back and stretch. All the data is stored within the tooling log alongside the associated tools.

Lite Full SolidWorks



### STRETCH COMPENSATION

Tool calibration lets TubeWorks apply stretch compensation to the bend regions. This is shown in the overall tube length and intelligently displayed on stop location situations for manual machines where compensation is not applied to straights.

Applicable Edition:

★ Lite ★ Full ★ SolidWorks



### TOOLING LOG

Not only do you get a centralized database of all your stocked tooling and associated specifications, but the tooling log also stores data from the Tool Calibration feature. This lets you apply tooling on calibrated values to determine corrected bend data.

Applicable Edition:

★ Lite ★ Full ★ SolidWorks



### OVER-BEND CALCULATIONS

Through tool calibration, TubeWorks calculates over-bend to compensate for spring-back. These calculations are stored by material in the tooling log so you can apply them to future designs.

Applicable Edition:

★ Lite ★ Full ★ SolidWorks



### BEND ON BEND SUPPORT

Two curves of different radii with no straight separation are well tolerated inside the software. TubeWorks is capable handling bends where compound tooling would be used.

Applicable Edition:

★ Lite ★ Full ★ SolidWorks



### EXTEND LINE

Now you can extend the endpoints of your central line so you can implement tubes that have worked ends.

Applicable Edition:

★ Full ★ SolidWorks



### SEND TO BENDER

The highly versatile design exporter at the core of TubeWorks can send your creation directly to the bender as a .\$\$\$ , .SV or .S2B file. Or, you can export as LRA or XYZ to include post-processing headers for direct machine import.

Applicable Edition:

★ Full ★ SolidWorks

the tools you have on hand—an easy way to save time and money on tool resources.

Applicable Edition:

★ Full ★ SolidWorks

bend's CLR to match the dies you have in stock.

Applicable Edition:

★ Full ★ SolidWorks

angles, and rotations. Or create a tube from an input table. TubeWorks even accepts input of XYZ or LRA values from a file. Manually edit a .\$\$\$ file, import, and TubeWorks does the rest!

Applicable Edition:

★ Full



### UNBEND TUBE FOR LASER

TubeWorks intelligently unbends tubes for laser cutting and adds material in



### VERTICAL CUT PREPARATION FOR LASER

With a single click, TubeWorks



### CREATE FLAT PATTERN FOR 3-AXIS LASER

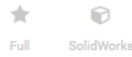
Are you working in another dimension?

for laser cutting and add material in bend areas to account for stretch. Take out one bend, or unbend the entire tube and mark locations for laser modifications.

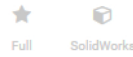
with a single click, TubeWorks normalizes your cuts, notches, and holes for laser cutting applications without a 6th axis (head tilt). TubeWorks can also regenerate the centerline to the new, corrected placement.

Are you working in another dimension? TubeWorks creates flat patterns for a 3-axis laser as a .dxf file.

Applicable Edition:



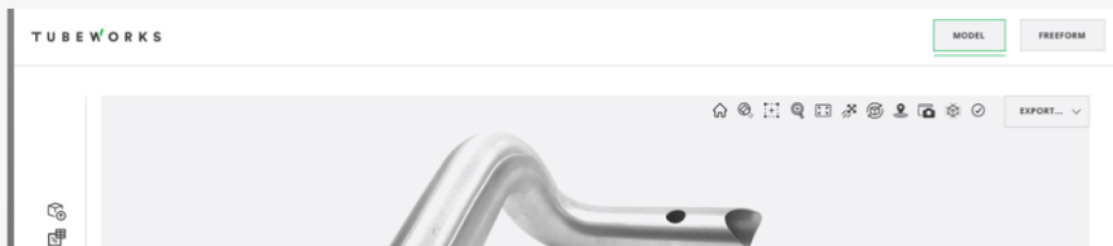
Applicable Edition:

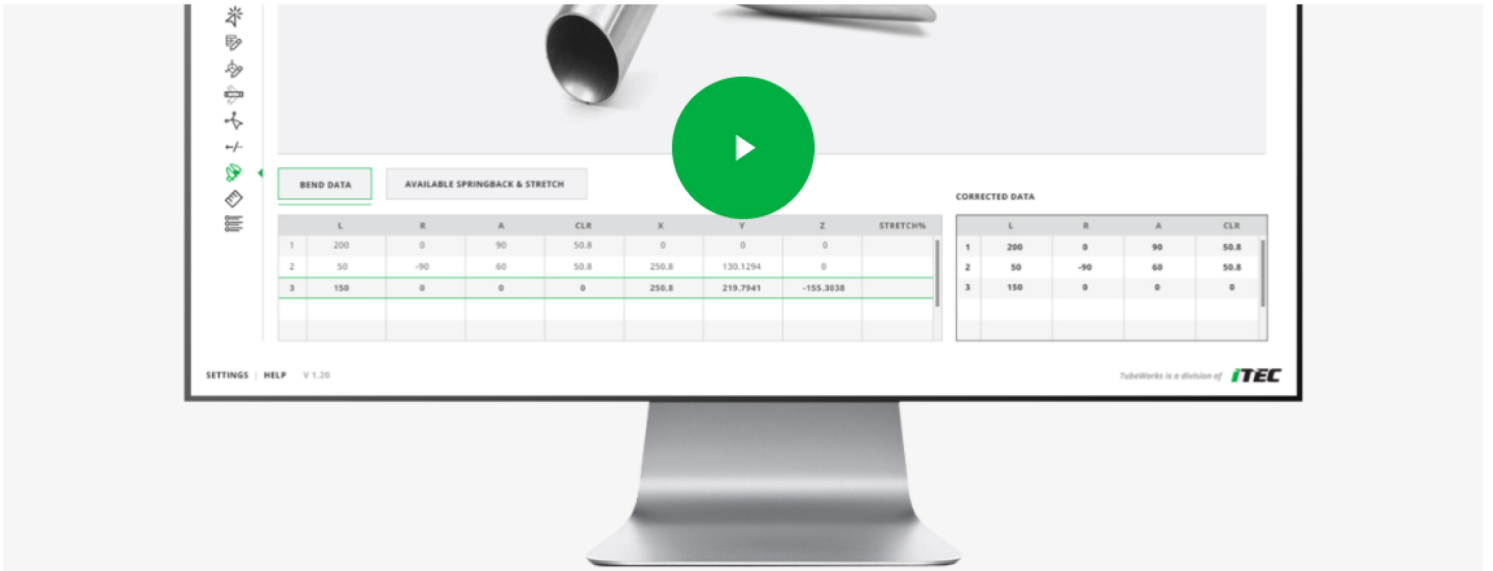


Applicable Edition:



<p>TubeWorks</p> <h2>VIEWER</h2> <p>\$115 Annually for Version Upgrades, Support, and Maintenance</p> <p><b>\$575</b></p>	<p>TubeWorks</p> <h2>LITE</h2> <p>\$350 Annually for Version Upgrades, Support, and Maintenance</p> <p><b>\$1750</b></p>	<p>TubeWorks</p> <h2>FULL</h2> <p>\$700 Annually for Version Upgrades, Support, and Maintenance</p> <p><b>\$3500</b></p>	<p>TubeWorks</p> <h2>SOLIDWORKS</h2> <p>\$700 Annually for Version Upgrades, Support, and Maintenance</p> <p><b>\$3500</b></p>
<p>Add-In Module</p> <h2>STRUCTURAL</h2> <p>\$700 Annually for Version Upgrades, Support, and Maintenance</p> <p><b>\$3500</b></p>	<p>Add-In Module</p> <h2>FREEFORM</h2> <p>\$700 Annually for Version Upgrades, Support, and Maintenance</p> <p><b>\$3500</b></p>	<p>Add-In Module</p> <h2>CMM</h2> <p>\$1400 Annually for Version Upgrades, Support, and Maintenance</p> <p><b>\$7000</b></p>	<p>Add-In Module</p> <h2>SIMULATION</h2> <p>\$1400 Annually for Version Upgrades, Support, and Maintenance</p> <p><b>\$7000</b></p>





Registration form on a green background with the following fields:

- FIRST NAME
- LAST NAME
- EMAIL ADDRESS
- PHONE NUMBER
- COUNTRY (dropdown menu)
- MESSAGE HERE... (text area)
- Submit button

TUBEWORKS ONLY AVAILABLE IN COUNTRIES ABOVE

# TUBEWORKS

TubeWorks is a Division of ITEC

[tubeworks@tube-equipment.com](mailto:tubeworks@tube-equipment.com)

866.574.TUBE (8823)

© 2021 TubeWorks. All Rights Reserved.

