

**“Awesome!”**

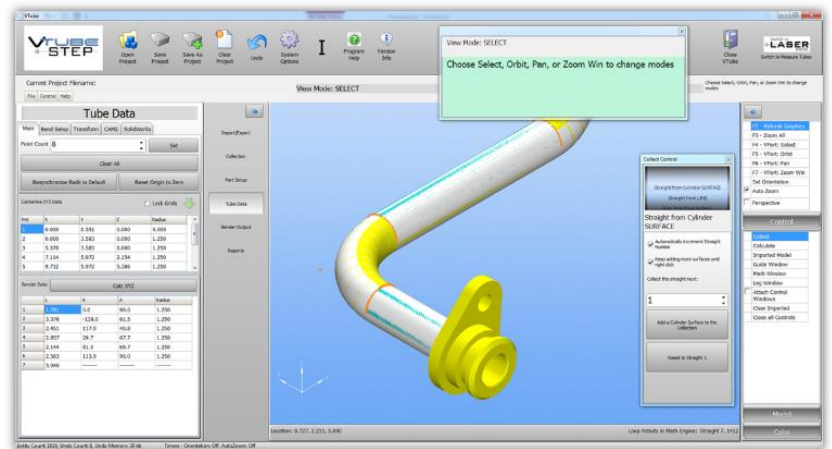
That’s the kind of response from customers when they’re introduced to VTube.

There’s a lot of power under the hood on this package.

It’s a tool **designed for tube fabricators** to open up connections from solid models that were previously difficult or impossible to import.

# VTUBE

Input and extract tube data from the universal **STEP** and **IGES** solid model file formats



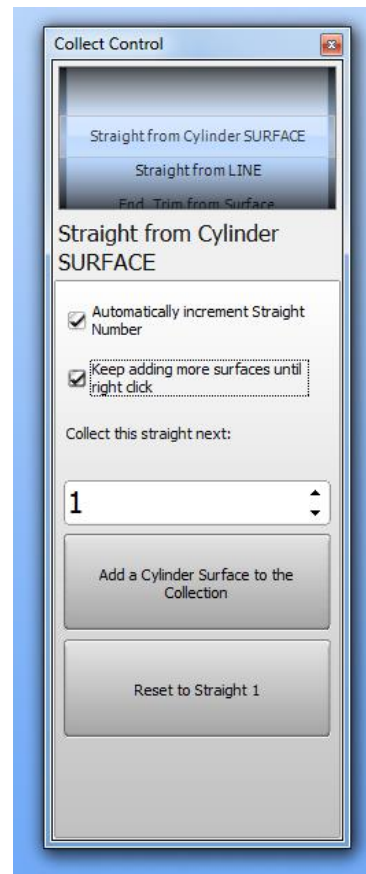
Software for tube fabricators

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 Fax: 248 690-2396  
 E-mail: sales@advancedtubular.com

## Virtual Measure with the Collect Control

VTube allows you to select the geometry in the tube straights. Think of it as measuring a tube – because you're measuring a virtual tube from the model.

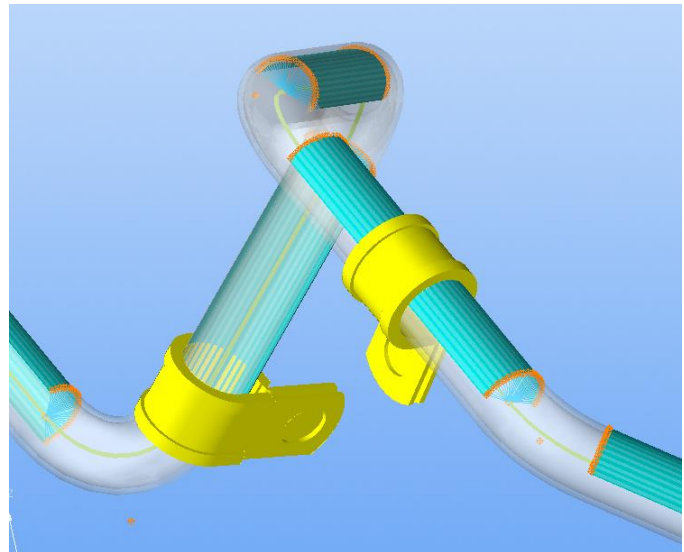
The solid model geometry conversion gives you precise data as accurate as the CAD model you're importing.



## Precise Calculation Display Geometry

If you wonder what is going on under the diameter – just increase the transparency of the tube and take a look.

You can view the thousands of lines and points that form the projection geometry to show you exactly how VTube calculated the centerline. Visually confirm that the calculation is what you expect it to be.



## Custom Reports

- from the data in



You can modify the reports to show your logo and exactly the data you want to display.

The template is HTML-based – so it is easy to customize.

Since the report is HTML-based, you could even put this report on the web.



Master XYZ Data

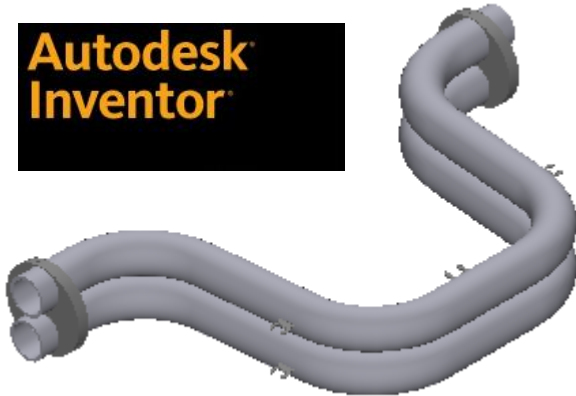
Point	X	Y	Z	Radius
1	0.000	0.551	0.000	
2	0.000	3.583	0.000	1.250
3	5.370	3.583	0.000	1.250
4	7.114	5.972	2.154	1.250
5	9.732			
6	12.028			
7	15.650			
8	18.349			

Master Bender Data

Bend	Length	Rotation	Angle	Radius
1	1.781		90.0	1.250
2	3.376	-138.0	61.5	1.250
3	2.451	117.9	40.8	1.250
4	2.857	29.7	67.7	1.250
5	2.144	81.3	69.7	1.250
6	2.583	113.9	90.0	1.250
7	3.040			

Actual models as displayed in **VTUBE**

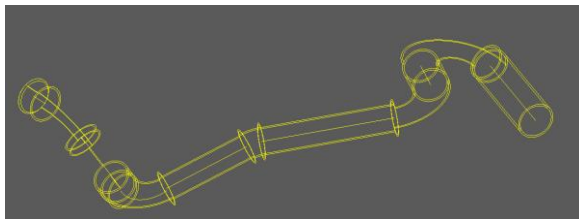
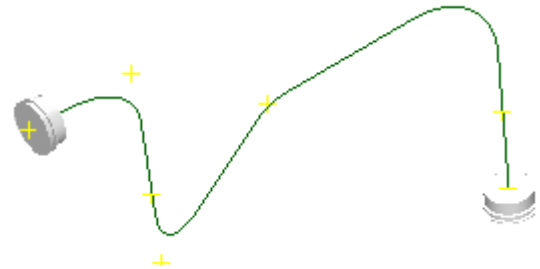
**Autodesk  
Inventor**



**3D  
DS  
CATIA**

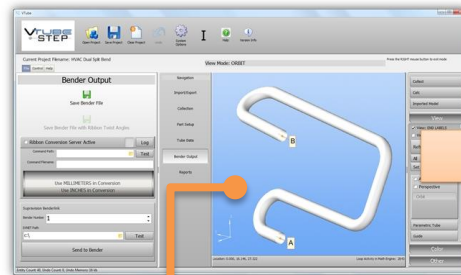
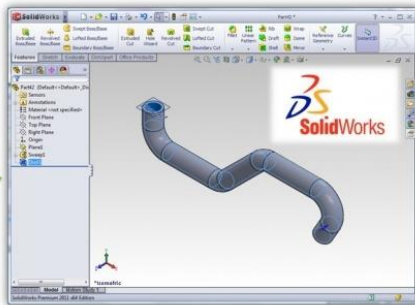
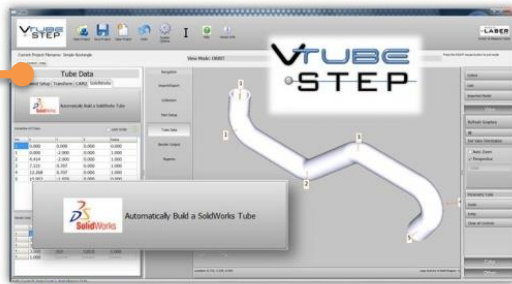


**3D  
DS  
SolidWorks**



**ProENGINEER®  
WILDFIRE™**





## VTUBE Specifications

Import STEP (ISO 10303 – AP214) and IGES Files and convert to tube shapes in a few minutes.

Export STEP files.

Automatically draw tube models in SolidWorks.

Collect surfaces to calculate XYZ and bender data.

Collect 3D line and arc geometry to calculate XYZ and bender data.

Export to Suprivation (bender data) files for export to measuring center software like our VTube-LASER.

VTube can send data directly to bender controls that supports Suprivation network protocol.

Send bender data to bender/measuring center file formats:

Crippa SPF  
CSM DAF  
SMI TXT  
Transfluid BKT  
Winton WMC  
Winton ECNC 4  
Suprivation  
Unison Unibend v11  
Alpine M4 MBF  
Chiyoda EX CHS  
Laservision CSV

Explode and trim away sections of the model to see inside.

Preview the report before printing. Include a graphic image of the tube in the report.

View any solid model using the STEP or IGES format in the viewer (in addition to tube shapes).

## For More Information

Learn more about at [www.advancedtubular.com](http://www.advancedtubular.com)